

CA Database Management Solutions for DB2 for z/OS

Message Reference Guide (PS to ZLB)

Version 17.0.00, Sixth Edition



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CA Technologies Product References

This document references the following CA Technologies products:

- CA ACF2™ for z/OS (CA ACF2)
- CA Bind Analyzer™ for DB2 for z/OS (CA Bind Analyzer)
- CA Compile/PRF
- CA Database Analyzer™ for DB2 for z/OS (CA Database Analyzer)
- CA Detector® for DB2 for z/OS (CA Detector)
- CA Endeavor® SCM Interface for DB2 for z/OS (CA Endeavor SCM for DB2)
- CA Fast Check® for DB2 for z/OS (CA Fast Check)
- CA Fast Index® for DB2 for z/OS (CA Fast Index)
- CA Fast Load for DB2 for z/OS (CA Fast Load)
- CA Fast Recover™ for DB2 for z/OS (CA Fast Recover)
- CA Fast Unload® for DB2 for z/OS (CA Fast Unload)
- CA Index Expert™ for DB2 for z/OS (CA Index Expert)
- CA InfoRefiner® (CA InfoRefiner)
- CA InfoTransport® (CA InfoTransport)
- CA Insight™ Database Performance Monitor for DB2 for z/OS (CA Insight)
- CA Log Analyzer™ for DB2 for z/OS (CA Log Analyzer)
- CA LogCompress™ for DB2 for z/OS (CA LogCompress)
- CA Merge/Modify™ for DB2 for z/OS (CA Merge/Modify)
- CA NSM Database Option for DB2 for z/OS (CA NSM Database Option)
- CA OPS/MVS® Event Management and Automation (CA OPS/MVS)
- CA Partition Expert™ for DB2 for z/OS (CA Partition Expert)
- CA Plan Analyzer® for DB2 for z/OS (CA Plan Analyzer)
- CA Quick Copy for DB2 for z/OS (CA Quick Copy)
- CA Rapid Reorg® for DB2 for z/OS (CA Rapid Reorg)
- CA RC/Compare™ for DB2 for z/OS (CA RC/Compare)
- CA RC/Extract™ for DB2 for z/OS (CA RC/Extract)
- CA RC/Migrator™ for DB2 for z/OS (CA RC/Migrator)
- CA RC/Query® for DB2 for z/OS (CA RC/Query)
- CA RC/Secure™ for DB2 for z/OS (CA RC/Secure)

- CA RC/Update™ for DB2 for z/OS (CA RC/Update)
- CA Recovery Analyzer™ for DB2 for z/OS (CA Recovery Analyzer)
- CA Report Facility for IMS, CICS, and TSO (CA Report Facility)
- CA Service Desk
- CA SQL-Ease® for DB2 for z/OS (CA SQL-Ease)
- CA Subsystem Analyzer for DB2 for z/OS (CA Subsystem Analyzer)

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- Information about user communities and forums
- Product and documentation downloads
- CA Support policies and guidelines
- Other helpful resources appropriate for your product

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Documentation Changes

The following updates have been made in the sixth edition of this documentation:

- [PT Messages](#) (see page 148)—Added: PT733I and PT733W.
- [PXM Messages](#) (see page 720)—Added PXM0815.
- [RCM Messages](#) (see page 1019)—Added RCM0348E.
- [RMA Messages](#) (see page 1280)—Added RMA0322W, RMA0323W, and RMA883I.
- [RO Messages](#) (see page 1386)—Added RO867E.
- [SQL Messages](#) (see page 2116)—Added the following messages: SQL407, SQL408, SQL409, SQL410, and SQL411.

The following updates have been made in the fifth edition of this documentation:

- [RMA Messages](#) (see page 1280)—Added the following message: RMA1031W.
- [RO Messages](#) (see page 1386)—Added RO866W.
- [TGR Messages](#) (see page 2248)—Added the following messages: TGRPRM030I and TGRPRM031I.

The following updates have been made in the fourth edition of this documentation:

- [PUT Messages](#) (see page 533)—Added or revised the following message: PUT0043I.
- [RI Messages](#) (see page 1079)—Updated the following messages: RI116E and RI118E.
- [RO Messages](#) (see page 1386)—Added or revised the following messages: RO860E, RO861W, RO862E, RO863I, RO864W, and RO865E.

The following updates have been made in the third edition of this documentation:

- [RAE Messages](#) (see page 845)—Added or revised the following message: RAE00428.
- [RAI Messages](#) (see page 895)—Added or revised the following messages: RAI00006 and RAI00007.
- [RCM Messages](#) (see page 1019)—Added the following messages: RCM0306I, RCM0307I, RCM0308I, RCM0309I, and RCM0310E.
- [RM Messages](#) (see page 1087)—Added the following messages: RM0855E, RM0856E, RM00304E, RM00305E.

The following updates have been made in the second edition of this documentation:

- [PUT Messages](#) (see page 533)—Added or revised the following messages: PUT2105I, PUT4406I, and PUT9041I.
- [RAW Messages](#) (see page 1013)—Added or revised the following message: RAW00020.

- [RMA Messages](#) (see page 1280)—Added RMA1016I.
- [RO Messages](#) (see page 1386)—Added or revised the following messages: RO154E, RO185W, RO305E, RO309I, RO425E, RO852E, RO855E, RO858E, and RO859E.
- [SA Messages](#) (see page 2013)—Added or revised the following messages: SA133I.

The following documentation updates have been made since the last release of this documentation:

- [PSA Messages](#) (see page 110)—Added the following message: PSA0193.
- [PTT Messages](#) (see page 458)—Added or revised the following messages: PTT1147E, PTT1148E, PTT1149E, PTT1150E, and PTT1151E.
- [PUT Messages](#) (see page 533)—Added or revised the following messages: PUT0255E, PUT0509I, PUT0877E, PUT0878E, PUT0879E, PUT2103I, PUT2600E, PUT3003I, PUT3019W, PUT3020W, PUT3021W, PUT3022W, PUT3501E, PUT3502E, PUT3503E, PUT3504E, PUT3505E, PUT3506E, PUT3507E, PUT3508E, PUT3509E, PUT3510E, PUT3511E, PUT3512E, PUT3513E, PUT3514E, PUT3515E, PUT3516E, PUT3517E, PUT3518E, PUT3519E, PUT3520I, PUT3521I, PUT3522I, PUT3523I, PUT3524I, PUT3525I, PUT3700I, PUT3701I, PUT3702I, PUT3703I, PUT3704E, PUT3705E, and PUT3708I.
- [PXM Messages](#) (see page 720)—Added the following message: PXM0185.
- [RAP Messages](#) (see page 898)—Added RAP329E.
- [RCX Messages](#) (see page 1060)—Added the following messages: RCX0009E and RCX0215E.
- [RI Messages](#) (see page 1079)—Added the following NRS related messages: RI101E, RI102E, RI103E, RI104E, RI105E, RI106W, RI107E, RI108E, RI109E, RI110I, RI111I, RI112I, RI114E, RI116E, RI117E, RI118E, RI119E, RI120E, RI121E, RI122E, RI123E, and RI137E.
- [RM Messages](#) (see page 1087)—Added the following messages: RM523I, RM524I, RM525I, RM00286E, RM00287W, RM00288W, RM00289I, RM00290I, RM00291I, RM00292I, RM00293I, RM00294I, RM00295E, RM00296E, RM00297E, RM00298E, and RM00299E.
- [RMA Messages](#) (see page 1280)—Added or revised the following messages: RMA256E, RMA914W, RMA919W, RMA969E, RMA991E, RMA993E, RMA995E, RMA997E, RMA1000E, RMA1002E, RMA1008W, RMA1011I, and RMA1014W.

- [RO Messages](#) (see page 1386)—Added or revised the following messages: RO816E, RO817E, RO820E to RO844E, RO845I, RO846E, RO847E, RO848E, and RO849E.
- [RQ Messages](#) (see page 1641)—Added or revised the following messages: RQ121W, RQ143E, RQ163E, and RQ815E. Removed RQ121E.
- RQA Messages—Removed.
- [RQE Messages](#) (see page 1677)—Added these new messages.
- [RX Messages](#) (see page 1952)—Added or revised the following messages: RX116E, RX117E, RX118E, RX119E, RX192I, RX254E, RX900, RX902, RX903, RX904, RX905, RX907, RX908, RX909, RX910, RX911, RX912, RX913, RX914, RX916, RX918, RX919, and RXW10006.
- [SA Messages](#) (see page 2013)—Added or revised the following messages: SA014E and SA015E.
- [SQ Messages](#) (see page 2059)—Added or revised the following messages: SQ061E, SQ178E, and SQ179E.
- [SQL Messages](#) (see page 2116)—Added the following message: SQL401.
- [TGR Messages](#) (see page 2248)—Added or revised the following messages:
TGREST001I, TGREST002I, TGRFLD009I, TGRFXV006E, TGRFXV007E, TGRFXV008I, TGRHxD001I, TGRHxD002I, TGRRCV001E, TGRVVD001I, TGRVVD002I, TGRVVD003I, TGRVVD004I, TGRVVD005I, TGRVVD006I, TGRVVD007I, TGRVVD008I, TGRVVD009I, TGRVVD010I, TGRVVD011I, TGRVVD012I, TGRVVD013I, TGRVVD014I, TGRVVD015I, TGRVVD016I, TGRVVD017I, TGRVVD021I, TGRVVD022I, TGRVVD023I, TGRVVD024I, TGRVVD025I, TGRVVD026I, TGRVVD028I, TGRVVD029I, TGRVVD030I, TGRVVD031I, TGRVVD032I, TGRVVD033I, TGRVVD034I, TGRVVD035I, TGRVVD036I, TGRVVD037I, TGRVVD039I, TGRVVD040I, TGRVVD041I, TGRVVD042I, TGRVVD043I, TGRVVD044I, TGRVVD045I, TGRVVD046I, TGRVVD047I, TGRVVD048I, TGRVVD049I, TGRVVD050I, TGRVVD051I, TGRVVD052I, TGRVVD053I, TGRVVP018E, TGRVVP019E, TGRVVP020E, and TGRVVP038I.
- [TT Messages](#) (see page 2494)—Added or revised the following message: TT518I.

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Chapter 1: Introduction

This guide lists and describes the product and component messages for the CA Database Management Solutions for DB2 for z/OS.

Message Format

Within the chapters, the messages are listed alphabetically, and then by message number. For example, message PTGL123 comes before PTGL124. After each message is an explanation and, if appropriate, suggestions on what to do.

Variables

Some of the messages use variables, which appear in all lowercase *or* are indicated by the ampersand (&) sign. *Variables are replaced by actual values when the error message displays online.* For example, *&return* and *column-name* in the following sample messages indicate that the value is a variable. In the message that you see, an actual return code and column name would be shown:

```
PFI0031E Invalid Return Code from PTAZLBD - Return Code: '&return.'  
RU527I UNPROTECT COMPLETE FOR column-name.
```

Suffixes

Some of the messages use three- or four-digit suffixes, which appear in all uppercase after the message text. These suffixes are used by CA for diagnostic purposes and are for internal use only.

Message Levels

To help users determine the severity of a problem, we use a one-letter code at the end of the message number, such as the E in RU010E. The letter at the end of a message is used to represent one of the following values.

- I indicates an informational message
- W indicates a warning message
- E indicates an error message

DSNTIAR Format for SQLCODE +445

The standard DSNTIAR formatted error message for an SQLCODE +445 looks like this:

```
DSNT404I  SQLCODE = 445, WARNING: VALUE HAS BEEN TRUNCATED

DSNT418I  SQLSTATE = 01004 SQLSTATE RETURN CODE
DSNT416I  SQLERRD = 0 0 0 -1 0 0 SQL DIAGNOSTIC INFORMATION
DSNT416I  SQLERRD = X'00000000' X'00000000' X'00000000'
X'FFFFFFFF' X'00000000' X'00000000' SQL DIAGNOSTIC
INFORMATION
DSNT417I  SQLWARN0-5 = W,W,,, SQL WARNINGS
DSNT417I  SQLWARN6-A = ,,,, SQL WARNINGS
```

When a product has activated the SQL Truncation Translation feature the SQLCODE is modified to be a value of +445. To further aid in diagnosing the problem as having been simulated, the SQLCA field SQLERRM is modified so that the following message is generated:

```
DSNT404I  SQLCODE = 445, WARNING: VALUE *SQLCODE +0 -> +445* HAS BEEN TRUNCATED
DSNT418I  SQLSTATE = 01004 SQLSTATE RETURN CODE
DSNT416I  SQLERRD = 0 0 0 -1 0 0 SQL DIAGNOSTIC INFORMATION
DSNT416I  SQLERRD = X'00000000' X'00000000' X'00000000'
X'FFFFFFFF' X'00000000' X'00000000' SQL DIAGNOSTIC
INFORMATION
DSNT417I  SQLWARN0-5 = W,W,,, SQL WARNINGS
DSNT417I  SQLWARN6-A = ,,,, SQL WARNINGS
```

z/OS and TSO Messages

Some error messages are preceded by a z/OS or TSO error message. To display these messages, specify the following from any command line or ISPF panel:

```
TSO PROFILE WTPMSG
```

Audit Error Messages

The audit error messages start with prefix ERR.

An identifier is provided only for documentation and is not displayed within the error message. The ERRx identifier is included so that you can easily report which message is causing problems.

x

Represents the error message number.

Information in parentheses () in a message is included to clarify the meaning of the message and is not displayed in the actual message.

User Abends

On occasion, an internal error in a program may cause a user abend such as the following:

U0299

This is not an error message but a user abend. If you receive a user abend, save the dump information.

CA InfoTransport System Messages

System messages are displayed on the z/OS, the target machine, or both, depending on whether you or CA InfoTransport moves the data to the target machine and executes the server component.

CA Insight Message Formats

The following CA Insight components generate specific message formats:

- ISPF session messages
- Data collector and PC owner messages
- IMOD messages
- VTAM user interface messages

ISPF Session

ISPF session messages occur online within the TSO or VTAM sessions and appear directly above the command line.

As the explanations and related actions for these messages are available online (by pressing PF1), they are *not* described in this guide.

All ISPF session messages have the format `DBG55nnnx`, where *n* is an integer (0-9) and *x* is I, W, or E as described in Message Levels.

Note: ISPF error messages are stored in the CDBAMAPS library. Online error messages are stored in members whose names begin with DBG55. Members contain the text and help for ten messages. For example, `DBG55078E` is in `CDBAMAPS(DBG5507)`, which contains messages `DBG55070E` through `DBG55079E`. You can use the ISPF BROWSE function to see the help for a particular message.

Data Collector and PC Owner

The Data Collector and PC Owner issue messages during initialization, while executing, and during termination. These messages will appear as job log (WTO) messages and/or in the output destination you have specified for the log files for these programs. If CA Insight is running under Xmanager, the data collector messages will be written to the `IDLGssid` file, where *ssid* is the DB2 subsystem ID, and the PC owner messages will be written to the `IDB2PCLG` file. If the data collector and PC owner are not running under Xmanager, the messages for each are written to the `DBGPRINT` file.

Most messages have the format `DBGccnnnx ssid hh:mm:ss`, where *n* or *c* is an integer (0-9) and *x* is I, W, or E as described in Message Levels.

- For Data Collector messages, *ssid* identifies the DB2 subsystem (it will be blank if the subsystem is not yet known).
- For PC owner messages, *ssid* identifies the Xmanager ID if running under Xmanager or the PC subsystem ID (PCSSID). If not running under Xmanager, the *ssid hh:mm:ss* portion of the messages will not be shown in the messages in this guide, but the message ID and text will be shown instead.

IMOD Messages

The Global Subsystem (GSS) issues CA Insight-specific messages for IMODs. These messages are self-explanatory and are therefore not documented. They appear in the ISRV log.

Messages with the format:

- IMHnnnI are informational.
- IMHnnnW are issued when subsystem control blocks do not exist for the specified DB2 subsystem. Check the names coded in the DB2SSID member in the source library.
- IMHnnnE are issued when program logic errors are detected. Report these messages to CA Support.

VTAM User Interface

VTAM User Interface messages appear on the z/OS operating system in the format DBG51nnnx, where *n* is an integer (0-9) and *x* is I (informational), W (warning), or E (error).

Message Codes

The messages can contain reason, return, condition, and information codes for the products and components as follows:

- Reason codes provide more information about why the error was generated.
- Return codes describe the processing that occurred (execution completed, terminated, and so on) within the product or component. The following return codes are issued routinely for the products and components:
 - 0**
Indicates processing completed successfully.
 - 4**
Indicates processing completed successfully but conditions were detected during processing that caused warning messages to be generated.
 - 8 +**
Indicates errors occurred during processing. Processing usually terminates and cannot be completed until the errors are corrected.
- Condition codes are returned at termination and are explained by messages written to the message log output file.
- Info codes (&info) provide diagnostic information used by CA Support for problem analysis and determination.

Batch Processor Return Codes

The following return codes apply to all Batch Processor commands:

Note: Any non-zero return code is accompanied by a Batch Processor warning or error message. A return code is generated based on the outcome of each statement.

0

Indicates processing completed successfully.

4

Indicates processing completed successfully but conditions were detected during processing that resulted in the generation of warning messages.

8

Indicates processing errors have occurred. These conditions will affect subsequent processing (for example, job steps might be skipped).

For Batch Processor, this return code indicates a fatal error for any SQL statement that returns a non-zero SQLCODE (except +100) and invalid Batch Processor commands. For some commands, the return code can be lower.

12

Indicates processing did not complete successfully and has stopped. The error must be corrected before processing continues.

16

Indicates processing did not complete successfully due to a severe error and has stopped. The error must be corrected before processing continues.

IBM Return Codes

When a CA utility invokes an IBM utility and the IBM utility fails, a return code may be issued that is different than the return code that may have been issued from the CA utility. When this occurs, a return code of 8 is issued by the CA utility to indicate that the job failed. View the job output to find the IBM return code and resolve the error.

Media Manager Return Codes

The following return codes apply to Media Manager:

4

Indicates END OF FILE reached.

8

Indicates a GETMAIN failure.

12	Indicates that a LOCATE failed.
16	Indicates no data set match on generic mask.
20	Indicates a data set allocation error.
24	Indicates an open/connect error.
28	Indicates a close/disconnect error.
32	Indicates an I/O error.
36	Indicates that CHECK was issued before a GET.
40	Indicates that no MMIO blocks are available.
44	Indicates that a data set was opened with UBUF=YES.
48	Indicates that Media Manager was unable to extend the data set.
52	Indicates a user-supplied buffer size > 180*4 KB.
56	Indicates that the DIRECT requested page was not found in the current data set.
60	Indicates that a multi-page DIRECT request is not valid.
64	Indicates that a DIRECT requested page is beyond the current data set.
68	Indicates that a POINT request is invalid after the first PUT SEQUENTIAL.
72	Indicates a DEVTYPE macro error.

76	Indicates a TRKCALC macro error.
80	Indicates that the CA size is not an integral number of tracks.
84	Indicates that SVC26 failed for LISTCAT.
88	Indicates that SVC26 failed for ADDVOL.
92	Indicates that SVC26 failed for REMOVEVOL.
96	Indicates an invalid MMGR control block for PTA@MMTX.
100	Indicates a PAGESIZE error: PGSIZE <> CISIZE & CISIZE <> 4K.
104	Indicates an IEANTCR service error.
108	Indicates an IEANTRT service error.

CA InfoRefiner Return Codes

The following return codes can be generated for CA InfoRefiner:

0	Indicates processing completed successfully.
4	Indicates processing completed successfully but conditions were detected during processing that resulted in the generation of warning messages. These conditions do not affect subsequent processing.
8	Indicates processing errors have occurred. These conditions will affect subsequent processing (for example, job steps might be skipped).
12	Indicates processing did not complete successfully and has stopped. The error must be corrected before processing continues.

16

Indicates processing did not complete successfully due to a severe error and has stopped. The error must be corrected before processing continues.

20

Indicates processing did not complete successfully due to a system error. The error must be corrected before processing continues.

CA Report Facility Return Codes

The following return codes can be generated by CA Report Facility when running batch reports:

0

Indicates processing completed successfully.

4

Indicates processing completed successfully but conditions were detected during processing that resulted in the generation of warning messages.

8

Indicates errors have occurred during processing.

PTLDRIVM Product Driver Return Codes

The following return codes apply to the PTLDRIVM product driver:

0

Indicates processing completed successfully.

8

Indicates the program is not licensed or licensing cannot be verified.

12

Indicates an error occurred opening PTILIB.

24

Indicates a link failure.

68

Indicates a GETMAIN error.

120

Indicates no parameters passed.

128 and 130

Indicates an internal error.

131

Indicates the requested PLAN is not defined in PLANSxx.

133

Indicates the requested SSID is not defined in SETUPxx.

137

Indicates an invalid plan name.

138

Indicates the specified plan was not found.

139

Indicates an invalid output plan number or different from the input plan

140

Indicates the LOAD failed.

141

Indicates the DECP call failed.

142

Indicates the TASKLIB call failed.

143

Indicates the DEFAULTS call failed.

202

Indicates a GETMAIN failure for parmlib DCB.

203

Indicates a CCB address was not passed.

206

Indicates an invalid FREE request.

208

Indicates an unsupported API request.

211

Indicates an error opening parmlib.

212

Indicates the parmlib DD was not found.

213

Indicates the Batch Processor call failed.

214

Indicates Invalid parameters.

RC/Alter Return Codes

The following are RC/Alter analysis return codes:

0

Indicates processing completed successfully.

4

Indicates processing completed successfully but warnings were detected in the DDL during processing.

8

Indicates DDL errors have occurred.

12

Indicates SQL errors have occurred.

16

Indicates miscellaneous errors have occurred.

Snapshot General Services

Snapshot General Services has one abend code (U2780) and multiple return codes for the following modules:

- TGA-API
- TGABMAN
- TGAFDISP
- TGALMAN
- TGAMMGR
- TGASCHED
- TGASMAN

TGAAPI Return Codes

The following return codes apply to module TGAAPI:

01001001

(#TIGER macro version > max supported)

Indicates that the version of the interface used by a utility, such as CA Quick Copy, is at a higher level than the Snapshot General Services subsystem. This can occur if maintenance is applied that changes the interface, but the Snapshot General Services subsystem is not reinitialized.

Reinitialize the subsystem to correct.

01001002

Indicates the RESMGR ADD failed.

01001003

Indicates the Server Module ENQ failed.

01001004

Indicates #TIGER issuer is not authorized.

01001005

Indicates an unrecognized RC from function dispatcher.

01001006

Indicates the Server Module DEQ failed.

01001007

Indicates the RESMGR DELETE failed.

01001008

Indicates the RC is not 0. Bringing up special ESTAEX.

01001009

Indicates the RC is not 0. Bringing down special ESTAEX.

0100100A

Indicates the requested subsystem (//TGRSUBSY DD SUBSYSxxxx in a job) was not found and is not active.

xxxx

Identifies the Snapshot General Services subsystem.

Initialize the requested subsystem or remove the //TGRSUBSY DD SUBSYSxxxx DD statement to use the master Snapshot General Services subsystem.

0100100B

Indicates that the release of a utility, such as CA Quick Copy, that calls Snapshot General Services is not the same as the release of the Snapshot General Services subsystem. For example, when the r11.5 release of CA Quick Copy is used to call the r11 release of Snapshot General Services. Cross-release calls to Snapshot General Services are not supported.

Verify that the requested Snapshot General Services subsystem and the calling utility are from the same release.

TGABMAN Return Codes

The following return codes apply to module TGABMAN:

01005001

Indicates the block size is not a multiple of 4 KB.

01005002

Indicates TTWA storage exhausted.

01005004

Indicates TBAV not found in owning TPBE's list in DeAbstract routine.

01005005

Indicates TBEA's elem count exhausted before queue in DeAbstract routine.

01005006

Indicates TBEA's queue exhausted before elem count in DeAbstract routine.

01005007

Indicates an invalid Buffer Queue in MoveSubQueue routine.

01005008

Indicates an invalid Queue Element Count (Target) in MoveSubQueue routine.

01005009

Indicates an invalid Queue Element Count (Source) in MoveSubQueue routine.

0100500A

Indicates invalid number of unabstracted buffers in GetBufferQ routine.

TGAFDISP Return Codes

The following return codes apply to module TGAFDISP:

01004001

Indicates TTWA's stack storage has been exhausted.

01004002

Indicates SWAREQ for JFCB failed in OPEN-Read-Sequential function.

01004003

Indicates SWAREQ returned unexpected block ID in OPEN-Read-Sequential function.

01004004

Indicates no filled buffers and no I/O running in Read-Plain function.

01004005

Indicates no filled buffers after WAIT was called in Read-Plain function.

01004006

Indicates an abstracted buffer count greater than 2^{31} in Read-Plain function.

01004007

Indicates no abstracted buffers when some expected in Read-Plain function.

01004008

Indicates could not find TQAV with an associated TTOB in Read-Plain function.

01004009

Indicates argument TBEA failed TQAV eyecatcher check in Put-Anchor-Plain function.

0100400A

Indicates TBAV not found in owning TPBE's list in Put-Anchor-Plain function.

0100400B

Indicates TBEA's element count exhausted before queue in Put-Anchor-Plain function.

0100400C

Indicates TBEA's queue exhausted before element count in Put-Anchor-Plain function.

0100400D

Indicates I/O Scheduler failed to flush all TQQEs in Close-Thread function.

0100400E

Indicates TTCE is not on TFCB's list in Close-Thread function.

0100400F

Indicates TFCB is not on TLVT's list in Close-Thread function.

01004010

Indicates ENQ for SYSZTIOT failed in EnqTiot routine.

01004011

Indicates SYSZTIOT ENQ not previously issued in DeqTiot routine.

01004012

Indicates DEQ for SYSZTIOT failed in DeqTiot routine.

01004013

Indicates SVC-26 using DSName failed in MapVsam routine.

01004014

Indicates SVC-26 failed to return Catalog's ACB address in MapVsam routine.

01004015

Indicates SVC-26 failed to return Entry Type in MapVsam routine.

01004016

Indicates SVC-26 returned other than Cluster or Data in MapVsam routine.

01004017

Indicates SVC-26 failed to return NAMEDS data in MapVsam routine.

01004018

Indicates SVC-26 Cluster returned has no Data association in MapVsam routine.

01004019

Indicates SVC-26 using Data Component address failed in MapVsam routine.

0100401A

Indicates SVC-26 returned unexpected DSATRO data length in MapVsam routine.

0100401B

Indicates SVC-26 returned unexpected AMDCIREC data length in MapVsam routine.

0100401C

Indicates SVC-26 returned unexpected NAMEDS data length in MapVsam routine.

0100401D

Indicates SVC-26 returned multiple volinfo pointers in MapVsam routine.

0100401E

Indicates SVC-26 returned inconsistent extent data length in MapVsam routine.

0100401F

Indicates SWAREQ for JFCBX failed in MapPhysSeq routine.

01004020

Indicates SWAREQ returned unexpected block ID in MapPhysSeq routine.

01004021

Indicates OBTAIN-SEARCH failed in MapDASD routine.

01004022

Indicates DEVTYPE failed in MapDASD routine.

01004023

Indicates TRKCALC failed in MapDASD routine.

01004024

Indicates OBTAIN-SEEK failed in MapDASD routine.

01004025

Indicates SVC99 allocation failed in DynAlloc routine.

01004026

Indicates SVC99 failed to return DDNAME in DynAlloc routine.

01004027

Indicates SVC99 unallocation failed in DynAlloc routine.

01004028

Indicates other task awaiting lock in CloseThread function.

0100402A

Indicates UCB is unavailable in OpenRead or OpenWriteSeq function.

0100402B

Device is VIO (Virtual I/O) in OpenRead or OpenWriteSeq function.

0100402B

Indicates system does not support UCB services in FindUCB routine.

0100402E

Indicates UCBLOCK failed in FindUCB routine.

TGALMAN Return Codes

The following return codes apply to module TGALMAN:

01002001

Indicates TCB matched but RB did not, on lock obtain.

01002004

Indicates Lock is not held, on lock release.

01002005

Indicates TCB does not own lock, on lock release.

01002006

Indicates RB does not own lock, on lock release.

01002009

Indicates TTWA exhausted, no room for savearea.

TGAMMGR Return Codes

The following return codes apply to module TGAMMGR:

01007001

Indicates a Media Manger error occurred.

01007002

Indicates TMMI not complete after return from SUSPEND/CALLDISP.

01007003

Indicates an invalid calling sequence.

01007004

Indicates next TMMI not found on pending queue.

TGASCHED Return Codes

The following return codes apply to module TGASCHED:

01006001

Indicates TTWA storage exhausted.

01006002

Indicates block size is not a multiple of 4 KB.

01006004

Indicates output file not sequential.

01006005

Indicates input file not sequential.

01006006

Indicates the output file is not tape.

01006007

Indicates the number of abstracted buffers > 2**31.

01006008

Indicates TTCE's current disk addr < extent in SizeSeqChunk routine.

01006009

Indicates TTCE's current disk addr > extent in SizeSeqChunk routine.

0100600A

Indicates blocks-to-end-of-extent <= 0 in SizeSeqChunk routine.

0100600B

Indicates an unexpected non-zero '@Next in TTOX in IoDriver routine.

0100600C

Indicates inconsistent IOPIDs across IOSBs in IoDriver routine.

0100600D

Indicates SYSEVENT DONTSWAP failed in IoDriver routine.

0100600E

Indicates LRA for channel program start failed in VsSeqEckdIn routine.

0100600F

Indicates LRA for chanprog start failed (tape) in TapeAlignOut routine.

01006010

Indicates media manager Put Sequential failed in MediaMgr routine.

01006011

Indicates an unexpected return code from media manager in MediaMgr routine.

01006013

Indicates LRA for TIC address failed in GetExtTcppCcw routine.

01006014

Indicates LRA for TIC address failed in GetExtTcppArg routine.

01006015

Indicates LRA for argument's address failed in BuildDx routine.

01006016

Indicates LRA for argument's address failed in BuildLr routine.

01006017

Indicates LRA for argument's address failed in BuildNop routine.

01006018

Indicates TPBEs exhausted before count in BuildRckd1 routine.

01006019

Indicates LRA for argument's address failed in BuildRckd1 routine.

0100601A

Indicates LRA for argument's address failed in BuildRckd1 routine.

0100601B

Indicates LRA for argument's address failed in BuildRckd1 routine.

0100601C

Indicates LRA for argument's address failed in BuildRckd1 routine.

0100601D

Indicates LRA for argument's address failed in BuildRckd1 routine.

0100601E

Indicates no I/O is pending to wait on in Wait routine.

0100601F

Indicates I/O not completed after wait in Suspend routine.

01006020

Indicates abnormal I/O completion in Complete routine.

01006021

Indicates no TTWA room for IEASMFEX savearea in Complete routine.

01006022

Indicates IEFSMFEX's RC not "0" or "4" in Complete routine.

01006024

Indicates ending "CCHH" not as expected in Complete routine.

01006025

Indicates ending "R" not as expected in Complete routine.

01006026

Indicates SYSEVENT DONTSWAP failed in Local Initialization routine.

01006027

Indicates SYSEVENT OKSWAP failed in Local Initialization routine.

01006028

Indicates invalid logical block length in BuildAlignedWrite routine.

01006029

Indicates logical block not page aligned in BuildAlignedWrite routine.

0100602A

Indicates LRA for logical buffer failed in BuildAlignedWrite routine.

0100602B

Indicates LRA for full block IDAW area failed in BuildAlignedWrite routine.

0100602C

Indicates LRA for short block IDAW area failed in BuildAlignedWrite routine.

0100602D

Indicates block count > four billion in BuildAlignedWrite routine.

0100602E

Indicates physical blocksize exceeded in SizeOutChunk routine.

0100602F

Indicates block count > four billion in SizeOutChunk routine.

01006030

Indicates expected predecessor TLBE not found in SizeOutChunk routine.

01006031

Indicates more than four billion TLBEs in loop in SizeOutChunk routine.

01006032

Indicates nothing on output queue after split in SizeOutChunk routine.

01006033

Indicates TQQE marking split point not found in SizeOutChunk routine.

01006034

Indicates more than four billion TQQEs in SizeOutChunk routine.

01006035

Indicates elements left on output queue < one in SizeOutChunk routine.

01006039

Indicates TTOX failed validation in I/O Driver Exit.

0100603A

Indicates TTOX failed validation in I/O Driver Exit.

0100603B

Indicates TTOX failed validation in I/O Driver Exit.

0100603C

Indicates unrecoverable error in Dev/Chan Stat during tape output.

0100603D

Indicates ambiguous overall ending status during tape output.

0100603E

Indicates ending CCW address less than zero during tape output.

0100603F

Indicates CCW did not use IDAWs during tape output.

01006040

Indicates first IDAW's addr not reverse-translated during tape output.

01006041

Indicates link from IDAW area .NE. ending CCW during tape output.

01006042

Indicates TLBEs incomplete for block written during tape output.

01006043

Indicates unexpected TQQE queue end (TQAV search) during tape output.

01006044

Indicates unexpected TQQE queue end (easy split) during tape output.

01006045

Indicates TLBE BCT-counter register wrapped during tape output.

01006046

Indicates residual TLBE queue size < zero during tape output.

01006047

Indicates TQQE BCT-counter register wrapped during tape output.

01006048

Indicates an unexpected null pointer to last comp TQQE during tape output.

01006049

Indicates completed TQQE queue size .LE. zero during tape output.

0100604A

Indicates blocks written TLBE BCT-counter wrapped during tape output.

0100604B

Indicates new VOLSER .NE. preallocated TVDEs during tape output.

0100604C

Indicates LRA for argument's address failed during tape input.

0100604D

Indicates LRA for argument's address failed during tape input.

0100604E

Indicates LRA for argument's address failed during tape input.

0100604F

Indicates LRA for argument's address failed during tape input.

TGASMAN Return Codes

The following return codes apply to module TGASMAN:

01003001

Indicates requested amount > pallet maximum in ObtainCtl routine.

01003002

Indicates requested amount > pallet maximum in ObtainCtlBelow routine.

01003003

Indicates requested amount > pallet maximum in ObtainObj routine.

01003004

Indicates number requested not positive in ObtainObjMult routine.

01003005

Indicates negative remaining bytes in free parcel in ObtainObjMult routine.

01003006

Indicates negative remaining parcels to be gotten in ObtainObjMult routine.

01003007

Indicates request amount > pallet maximum in ObtainObjMult routine.

01003008

Indicates number requested not positive in ObtainBfsePage or ObtainBfseMultPage routine.

01003009

Indicates negative remaining bytes in free parcel in ObtainBfsePage or ObtainBfseMultiPage routine.

0100300A

Indicates negative remaining parcels to be gotten in ObtainBfsePage or ObtainBfseMultiPage routine.

0100300B

Indicates request amount > pallet maximum in ObtainBfsePage or ObtainBfseMultiPage routine.

0100300C

Indicates overlapping parcels detected in ReleaseObjList routine.

0100300D

Indicates overlapping parcels detected in ReleaseObjList routine.

0100300E

Indicates overlapping parcels detected in ReleaseObjList routine.

0100300F

Indicates overlapping parcels detected in ReleaseObjList routine.

01003010

Indicates overlapping parcels detected in ReleaseObjList routine.

01003011

Indicates overlapping parcels detected in ReleaseObjList routine.

01003012

Indicates overlapping parcels detected in ReleaseObjList routine.

01003013

Indicates overlapping parcels detected in ReleaseObjList routine.

01003014

Indicates overlapping parcels detected in ReleaseObjList routine.

01003015

Indicates pallet not found for parcel's address in ReleaseObjList routine.

01003016

Indicates overlapping parcels detected in ReleaseObjList routine.

01003017

Indicates overlapping parcels detected in ReleaseObjList routine.

01003018

Indicates overlapping parcels detected in ReleaseObjList routine.

01003019

Indicates overlapping parcels detected in ReleaseObjList routine.

0100301A

Indicates FPD's parcel length > pallet length in ReleaseObjList routine.

0100301B

Indicates TTWA stack space exhausted in Entry Keep routine.

0100301C

Indicates pallet not found for released parcel in ComRelease routine.

0100301D

Indicates released and free parcels have same address in ComRelease routine.

0100301E

Indicates overlapping parcels in ComRelease routine.

0100301F

Indicates overlapping parcels in ComRelease routine.

01003020

Indicates argument TSPD not found on TOPQ in FreeObjPal routine.

01003021

Indicates argument TSPD not empty in FreeObjPal routine.

01003022

Indicates free parcel size .NE. pallet size in FreeObjPal routine.

01003023

Indicates Page Extent Table exhausted in FreeObjPal routine.

01003024

Indicates Invalid Page Status Map entry in FreeObjPal routine.

01003025

Indicates Page Services Area exhausted in PageFix routine.

01003026

Indicates Page Services Area exhausted in PageUnFix routine.

01003027

Indicates pallet not found for parcel in PrepFixList routine.

01003028

Indicates Page Extent Table exhausted in PrepFixList routine.

01003029

Indicates Parcel page is already marked "fixed".

0100302A

Indicates requested amount > pallet maximum in ObtainSqa routine.

0100302B

Indicates corrupted TSPD or queue linkage in DeInitialize routine.

0100302C

Indicates STORAGE RELEASE failed in DeInitialize routine.

0100302D

Indicates queue elements disagree with count in DeInitialize routine.

0100302E

Indicates count disagrees with queue elements in DeInitialize routine.

01003031

Indicates an invalid function.

Thread Termination\Dynamic DSNZPARM Return and Reason Codes

The following return codes apply when terminating threads in batch:

0

Indicates processing completed successfully.

4

Indicates one or more threads was not terminated.

8

Indicates no qualifying threads could be found, therefore no threads were terminated.

12

Indicates no SYSIN DD card was present or there was an error in the control card. No threads were terminated.

The following return and reason codes are provided when a thread termination fails. These codes are listed in the log record for the termination attempt.

- For return code 4, the following reason codes are generated:
 - 1**
Indicates the thread is invalid. The thread may have already terminated or the thread's task control block (TCB) may have changed.
 - 2**
Indicates DB2 termination was specified but the thread was not executing within DB2.
 - 3**
Indicates the thread originated from a system address space. Threads that originate from a system address space are not terminated.
 - 4**
Indicates the address space where the thread was executing was already terminating.
 - 5**
Indicates the thread's TCB was already terminating.
 - 6**
Indicates DB2 termination was specified but a DB2 termination had already been requested.
 - 7**
Indicates the thread was not terminated because a DB2 termination was specified but the DB2 termination failed.
 - 10**
Indicates you requested to kill a distributed thread. That feature is not supported for this version of DB2.
- For return code 8, reason code 8 indicates a z/OS termination was specified but the termination attempt failed.
- For return code 12, reason code 9 indicates access to the thread was denied by the external security system.

CA Bind Analyzer Return Codes

The following components generate return codes for CA Bind Analyzer:

- Precompiler
- Binder

- DBRM Compare Facility
- Catalog Compare Facility
- DBRM Rebuild

Precompiler and Postcompiler Return Codes

A return code is issued indicating the status of the DBRM compare. Unique return code values indicate when a bind is necessary. By default, the IBM DB2 precompiler (DSNHPC) or the DB2 coprocessor set return codes of 0 (execution successful) or 4 (execution successful, but caused warning messages). However, the values that the precompiler or coprocessor return do not tell you when a bind is necessary. The CA Bind Analyzer precompiler and postcompiler help determine when a bind is necessary by issuing the following return codes:

0

Indicates processing completed successfully. A bind *is* necessary.

1

Indicates processing completed successfully. A bind is *not* necessary.

3

Indicates processing completed successfully but conditions were detected during processing that resulted in the generation of warning messages. A bind is *not* necessary.

4

Indicates processing completed successfully but conditions were detected during processing that resulted in the generation of warning messages. A bind *is* necessary.

8

Indicates that an unexpected error occurred in CA Bind Analyzer. Processing is discontinued.

16

Indicates that an error occurred opening the PTILIB DD or accessing DBRMLIB.

If IBM precompile errors are encountered, appropriate return code values are returned directly from DB2.

Binder Return Codes

Following are the return codes for the BIND step:

0

Indicates processing completed successfully.

4

Indicates a PARM error. The default value is used.

8

Indicates fatal parameter error or data set allocation error (UTILITY CHECRC error).

12

Indicates error accessing BPIIPT DD or PTIDBRMO (invalid resynch data).

16

Indicates the product expired, a fatal I/O error occurred, unable to call the Batch Processor, or unable to open PTILIB.

Note: If the Batch Processor encounters errors, those return code values are returned directly from the Batch Processor.

DBRM Compare Facility Return Codes

The following lists the return codes for the DBRM Compare Facility:

0

Indicates processing completed successfully.

4

Indicates one or both of the CDBADBRM libraries contained no members to compare. No reports are generated if this return code is received.

8

Indicates one or more of the parameters passed in the PARM= field contains an error. Processing continues, but the incorrect parameters are set to their defaults and no bind or copy statements are generated.

16

Indicates bad file open.

68

Indicates insufficient storage.

Catalog Compare Facility Return Codes

The following lists the return codes for the Catalog Compare Facility:

0

Indicates processing completed successfully.

4

Indicates the selection criteria for the CDBADBRM library created an empty list; therefore, no reports are generated.

8

Indicates one or more of the parameters passed in the PARM field contains an error. Processing continues, but the incorrect parameters are set to their defaults and no bind or copy statements are generated.

16

Indicates bad file open.

68

Indicates insufficient storage.

DBRM Rebuild Return Codes

The following lists the return codes for the DBRM Rebuild:

0

Indicates processing completed successfully.

4

Indicates DBRM not rebuilt. No action taken.

8

Indicates one or more of the parameters passed in the PARM= field contains an error. Processing continues, but the incorrect parameters are set to their defaults.

16

Indicates bad file open.

68

Indicates insufficient storage.

CA Insight Return Codes

The following components generate return codes for CA Insight:

- Batch report writer
- Batch user interface
- Data collector
- PC owner routine
- Archive table migration utility

Batch Report Writer Return Codes

A condition code is returned at termination. Normally a code of zero is returned even though the Batch Report Writer may have terminated due to some error condition. The error condition would be explained by messages written to the message log output file (DBGPRINT DD). Several conditions may have caused termination without producing error messages. These conditions are indicated by non-zero codes.

The condition codes returned are:

0

Indicates the program terminated normally or for some error condition indicated by messages in the message log output file (DBGPRINT DD).

12

Indicates error message issued, no report generated

36

Indicates the message log output file (DBGPRINT DD) or DBGIN DD statement missing.

44

Indicates an ABEND occurred but was intercepted by the ESTAE exit routine.

52

Indicates an error was encountered while processing the startup parameters. Check the message log output file (DBGPRINT DD) for error messages.

99

Indicates the product code has expired or is invalid.

Batch User Interface Return Codes

A condition code is returned at termination. Normally a code of zero is returned even though the Batch User Interface may have terminated due to some error condition. The error condition would be explained by messages written to the message log output file (DBGPRINT DD).

0

Indicates processing completed successfully.

>0

Indicates processing was not successful.

Data Collector Return Codes

The Data Collector returns a condition code every time it is terminated. Normally, it returns a code of zero even if the Data Collector terminated for an error condition. The error condition is then explained by messages written to the message log output file. However, any one of several conditions may cause the Data Collector to terminate without producing error messages. These conditions are indicated by non-zero codes. In these cases, the condition codes returned are as follows:

0

Indicates the program terminated. An error, which may have caused the termination, is indicated by a message on the message log output file.

32

Indicates an error occurred processing parameters specified in the PARM field of the EXEC statement.

36

Indicates the message log output file or DBGIN DD statement is missing.

44

Indicates an ABEND occurred but was intercepted by the ESTAE exit routine.

52

Indicates an error was encountered while processing the startup parameters. Check the message log output file for error messages.

99

Indicates your product code has expired or is invalid.

PC Owner Routine Return Codes

A condition code is returned by the program at termination. Most of the conditions producing a non-zero code will also produce a message on the message log output file.

Each code specifies a fairly unique condition, so if the message log output file has been put to a throwaway output class, the cause of the termination should be apparent from the codes. The codes produced are:

0

Indicates the program terminated normally without errors.

4

Indicates no virtual storage available for a GETMAIN, or a module not found for a BLDL.

8

Indicates no real storage page available for a SQA GETMAIN request, or an I/O error occurred in a PDS directory for a BLDL.

12

Indicates a GETMAIN error occurred obtaining SQA storage for the PC number table.

16

Indicates the LOAD failed for the module containing the CMS routine.

20

Indicates an error occurred when the ETCRE macro was executed.

24

Indicates an ENQUEUE error was encountered when the ENQ was issued for an internal enqueue.

32

Indicates an error occurred processing the input parameters.

36

Indicates the Message log output file DD statement missing.

44

Indicates an ABEND occurred but was intercepted by the ESTAE exit routine.

48

Indicates the CMS Owner program was already started when an attempt was made to start the program.

52

Indicates an error was encountered when the GQSCAN macro was issued.

60

Indicates an error occurred when the ETCON macro was issued.

64

Indicates a GETMAIN error occurred obtaining storage for a program control block.

68

Indicates an error occurred obtaining storage for a SSCVT.

72

Indicates the system LX value could not be obtained.

76

Indicates that the system is configured with ALLOWUSERKEYCSA(NO) and KEY8CSA=YES is specified in the PC task parameters. You cannot specify KEY8CSA=YES on a system defined with ALLOWUSERKEYCSA(NO). You must specify KEY8CSA=NO or change the system setting to ALLOWUSERKEYCSA(YES).

Archive Table Migration Utility Return Codes

The following lists the return codes for the Archive Table Migration Utility (NSIGMIGA):

0

Indicates that NSIGMIGA ran successfully.

4

Indicates that NSIGMIGA ran successfully but that problems can exist with the output. Output members are produced and written to the IQLOUT, LOADOUT, and ALTEROUT data sets. Review any warning messages, the output IQL requests and output load utility control statements. A return code of 4 can indicate that inserted fields are positioned at the end of an IQL request or load utility control statement.

8

Indicates that errors occurred in the FLDLST or SYSIN control statements. Output members are not produced.

CA Database Analyzer Return Codes

The following return codes apply to CA Database Analyzer:

04

Indicates one of the following conditions has occurred:

- Audit failure. The AUDIT_ERROR parmlib parameter lets you override the return code value of 4 when the following audit errors occur: All, 24, 36, or 37.
- When MAINT=F is specified and the Activation indicator is not equal to I, the MAINT=F request will be ignored and Auto-Stats Deletion will not execute (It will perform the same as MAINT=N). Message RD03001W is issued.
- Tablespace was BYPASSED because it contained no tables.
- No action JCL generated other than a fill member. Check setting of NO_ACTJCL_RC parmlib parameter.
- SQL error occurred logging an audit error to PTLOG_MAIN_1500 or PTLOG_RDAMSG table; processing will continue.
- SPACEMAP scan was selected for an extract that has the Auto-Catalog Update (ACU) feature selected. ACU is bypassed.

08

Indicates one of the following conditions has occurred:

- SQL error in reports.
- PTIRPT DD card missing.
- STOP entered for console prompt, or an internal error forced processing to stop prematurely.
- INCOMPLETE message for any object.
- SQL error storing stats.

12

Indicates the PTIIPT DD has no cards or is invalid.

16

Indicates one of the following conditions has occurred:

- Program not licensed, or unable to verify license.
- STEPLIB not authorized.
- Error processing volume data.
- Fatal error in subtask (collection, stats storing); usually failed getmain.
- LOAD failure for a load module RALxxxx.

- Getmain failure (Program could not allocate needed storage) for an internal control block. Increase REGION size or make extract smaller.
- Error connecting to stats SSID, or opening RDPSxxxx plan (used in action JCL generation for condition action SQL).
- SSID not found in SETUP parmlib member (SSID in first control card in column 18).
- CATALIAS not found in SETUP member for SSID (same as above).
- DB2 connection failure during catalog update.
- Other fatal errors.

CA Detector Return Codes

The following return codes apply when the batch reporting facility uses CA Detector:

0

Indicates processing completed successfully.

4

Indicates no data was found matching report criteria. An empty report has been generated.

8

Indicates warning messages have been issued and the report has been generated.

Note: Review warning messages and reports to ensure that the report contains all of the requested data.

12

Indicates error messages have been issued. The report has not been generated.

If you encounter return codes of 4 or 8, you might also receive partial output. Review the WTO messages to determine the validity of the information.

CA Fast Check Return Codes

One of the following return codes displays after each CA Fast Check job execution:

0

Indicates processing completed successfully. No errors were detected.

4

Indicates errors have been detected in the tablespace or index. Review the output messages for more information. Possible errors include:

- Child rows have no corresponding parent rows
- Index entries have no corresponding data rows
- Data rows have no corresponding index entries

8

Indicates problems occurred during the check processing that must be investigated and resolved. See the error messages in the job output for a description of the error encountered. Possible errors include:

- Syntax errors in the job stream
- Data set allocation failed
- SORT ran out of work space

16

Indicates errors have occurred. See the CA Fast Check XMESSAGE written for further details of the error.

68

Indicates insufficient storage.

CA Fast Recover Return Codes

One of the following return codes displays after each CA Fast Recover job execution:

0

Indicates the recovery and associated tasks all completed successfully.

4

Indicates the recovery completed successfully, but a warning flag has been set. Look at the job output messages for warnings, such as (but not limited to) one of the following:

- Copy pending flag set
- No indexes found for INDEX ALL recovery

- A TOCOPY image copy is SHRLEVEL CHANGE
- Unused candidate volumes could not be removed after the recovery
- Quick Copy failed for a tablespace
- Indexes were put into recover pending after a tablespace recovery

8 (and higher)

Indicates problems occurred during the recovery. They must be investigated and resolved before the recovery is considered complete. Error messages in the job output describe the error encountered. Examples of failures are:

- Data set ran out of space
- Data set DELETE/DEFINE failed
- SORT ran out of space
- An image copy was missing
- An archive log data set was missing

CA Log Analyzer Return Codes

The apply program issues return codes indicating the status of the apply. The following lists the return codes for the Log Apply:

0

Indicates processing completed successfully.

4

Indicates SQL errors have occurred and the input file is empty. Warning messages issued.

8

Indicates table not found and discard limits have been exceeded. Processing terminated.

16

Indicates a fatal error. Processing terminated.

CA Plan Analyzer Return Codes

The following lists the CA Plan Analyzer return codes:

0

Indicates processing completed successfully.

4

Indicates processing completed successfully but conditions were detected during processing that resulted in the generation of warning messages.

8

Indicates a processing error has occurred.

12

Indicates the HVERSION conversion limit has been exceeded.

16

Indicates a Batch Processor error has occurred.

32

Indicates a parameter list error.

68

Indicates a GETMAIN error.

99

Indicates an SQL error.

CA Quick Copy Return Codes

The following information documents the CA Quick Copy API reason codes and their descriptions:

0

Indicates processing completed successfully.

2

Indicates the copy completed with PREVIEW OPTION or a catalog error (Not Cataloged 2).

4

Indicates the copy completed with warnings. Warning level messages are generated.

- 8**
Indicates the copy encountered errors. Copy job was terminated before completion. Error messages are generated that identify the problem.
- 16**
Indicates the copy encountered severe errors. Copy job was terminated before completion. Error messages are generated that identify the problem.
- 20**
Indicates an invalid API Control block (#COPY) address.
- 21**
Indicates an invalid API function identifier (#COFUNC).
- 22**
Indicates a Getmain Error detected in API module UTLQC#1.
- 23**
Indicates a parser (UTLQCPSE) ATTACH error.
- 24**
Indicates a UTLQC#2 LOAD error.
- 25**
Indicates the API INLINE ATTACH Termination ECB has been posted early. This could indicate that a syntax error has been detected in the PQC parser (UTAQCPSE) or an error has occurred in the first stage of PQC driver processing. Other errors that could occur are a system abend or a user abend.
- 26**
Indicates a CA Quick Copy Parser or Driver error.
- 27**
Indicates the CA Quick Copy API initialization (#COPY INIT) has not been invoked or an error has occurred during API initialization.
- 28**
Indicates an invalid Page Size specified for INLINE processing.
- 29**
Indicates an invalid API internal (#COPYI) Control Block address.
- 30**
Indicates an invalid QCPX (#CO@QCP) Control Block address.

31

Indicates a write error has been detected by a CA Quick Copy writer task during API INLINE processing.

32

Indicates an invalid ECB contents when trying to compare and swap the PQC INLINE Reader ECB (#CI@RECB).

33

Indicates an INLINE writer task abend has occurred.

34

Indicates the STIMER function cannot be performed.

35

Indicates a CA Quick Copy error has occurred (PQC ECB posted).

36

Indicates a zero RAMTS address (#CORAMT@) has been passed.

37

Indicates a zero RAMIX address (#CORAMI@) has been passed.

38

Indicates an invalid RAMTS (TS_ID) header ID.

39

Indicates an invalid RAMIX (IX_ID) header ID.

40

Indicates a zero GLEB address (#COGLB@) has been passed.

41

Indicates an invalid GLEB identifier (GLEB_ID).

42

Indicates the PQC API does not support the copy of IBM databases.

43

During a #COPY INIT call the BLOCK@ parameter was specified but a previous #COPY PREINIT call had not been issued.

44

Indicates an error was detected during #COPY PREINIT processing.

- 45**
Indicates the ATTACH termination ECB used for PQC PREINIT processing has been posted early. This could be due to an error encountered in the PQC parser.
- 46**
Indicates an invalid VCAT specified.
- 47**
Indicates an invalid INSTANCE NODE specified.
- 48**
Indicates an invalid PARTITION NODE specified.
- 49**
Indicates the CA Quick Copy API does not support more than one object in a list.
- 50**
Indicates an invalid SYNTAX option specified.
- 51**
Indicates an invalid RESTART option specified.
- 52**
Indicates an invalid DB2AUTH option specified.
- 53**
Indicates an invalid ENQ option specified.
- 54**
Indicates an invalid MSG option specified.
- 55**
Indicates an invalid ETM option specified.
- 56**
Indicates an invalid TERMTYP option specified.
- 57**
Indicates an invalid COPYBUF option specified.
- 58**
Indicates an invalid IDC MENQ option specified.
- 59**
Indicates an invalid ALTSPCE option specified.

60	Indicates an invalid API control block (#COPY) address.
61	Indicates a UTLQC#1 LOAD error.
62	Indicates the UTLQC#2 address (#CO@MOD2) =zero.
63	Indicates an invalid environment (standard call) for #COPY CALL (INLINE).
64	Indicates an invalid environment for #COPY SRPOST. The required environment must be standard copy ATTACH.
65	Indicates SYSCOPY Registration ECB has already been posted.
67	Indicates an invalid environment for #COPY SRILINE.
68	Indicates an invalid SRIREG option specified.
69	Indicates an invalid SRITYPE option specified.
70	Indicates an invalid SHRLVL option specified.
71	Indicates an invalid SUPACSS option specified.
72	Indicates an invalid CPYFLGS option specified.
80	Warning, #COPY INIT bypassed (in PREINIT Mode).
100	Indicates the CA Quick Copy API does not support SNAPSHOTACCESS YES.
103	Indicates the CA Quick Copy API does not support concurrent copies.

CA Rapid Reorg Return Codes

One of the following return codes displays after each CA Rapid Reorg job execution:

0-4

Indicates all objects are fine.

8

Indicates a failure occurred during the unload phase. No objects were reorganized. The original source VSAM data sets were restarted and the restart record has been deleted. If DATA-AVAILABLE HIGH was used, the target VSAM data set (.B001) was deleted. The original objects are exactly the same as they were before the job started. See the messages output with the job for more information.

10

Indicates all data sets were reloaded but a subfunction such as QUICKCOPY or PDASTATS failed. The restart record was deleted and the job is not restartable. See the messages output with the job for more information.

11

Indicates a -STOP was issued but the object remained in -STOP PENDING status for an extended length of time. Check the value of STOP-LIMIT to determine how long to wait before terminating processing.

12

Indicates a failure occurred during the reload. The job is restartable for DATA-AVAILABLE NORMAL or for DATA-AVAILABLE HIGH with RESTART-ONERROR YES. If RESTART-ONERROR NO was specified (with DATA-AVAILABLE HIGH), the target data set and restart record were deleted. The job must be rerun from the beginning. See the messages output with the job for more information.

16

Indicates a failure occurred during the reload and the job is not restartable. The tablespace, index, or both need to be recovered. The reorg job is not restartable. See the messages output with the job for more information.

CA RC/Migrator Return Codes

The following are CA RC/Migrator analysis return codes. Return codes greater than 4 stop execution.

0

Indicates processing completed successfully.

4

Indicates processing completed successfully but conditions were detected during processing that resulted in the generation of warning messages. Warning in DDL.

8

Indicates an error occurred in the DDL.

12

Indicates an SQL error has occurred.

16

Indicates miscellaneous errors have occurred.

68

Indicates a GETMAIN error has occurred.

CA RC/Query Return Codes

The following are CA RC/Query analysis return codes:

0

Indicates processing completed successfully.

CA RC/Secure Return Codes

The following are possible CA RC/Secure return codes:

0

Indicates processing completed successfully.

4

Indicates one of the following errors has occurred:

- No authorizations to grant or revoke.
- Not authorized for DB2ID or department.

12

Indicates one of the following errors has occurred:

- OPEN if CA Program Lib failed.
- Invalid parameter passed to SQL processor.
- Access not allowed for user ID.

16

Indicates the BLDL failed.

20

Indicates the product license expired.

- 24**
Indicates an invalid parameter passed to #MAIN.
- 28**
Could not load module.
- 32**
Indicates one of the following:
- ATTACH to #DRIV failed.
 - CONNECT to DB2 failed.
 - Not APF authorized.
- 36**
Indicates an execution proc error.
- 48**
OPEN of APLFILE failed.
- 68**
Indicates a GETMAIN error.
- 99**
Indicates an SQL error in tree build.

CA SQL-Ease Return Codes

The following components generate return codes for CA SQL-Ease:

- Enhanced explain
- Enhanced explain exceptions
- Highest value

Enhanced Explain Return Codes

The Enhanced Explain feature passes a single return code to the batch processor. This code is the *highest* code of the following:

- The severity codes set through the Expert System Rules reports
- The Enhanced Explain exception return codes

Enhanced Explain Exceptions Return Codes

You can specify the return codes for three different types of Enhanced Explain exceptions. These return codes give you immediate feedback on your EXPLAIN processing.

The following list describes the Enhanced Explain exception return codes:

EXPLRC1

There are no SQL statements for Enhanced Explain to process.

EXPLRC2

SQL errors occurred during the EXPLAIN.

EXPLRC3

General errors occurred during Enhanced Explain processing.

These user-defined return codes are defined in the parmlib at installation. You can set the codes to any number between 0 and 4095. The default is 0.

Highest Value Return Code Issued

CA SQL-Ease considers the following codes before issuing the return code for an SQL statement.

- The Expert System Rules report severity codes
- The Enhanced Explain exception return codes

After reviewing these codes, CA SQL-Ease returns the *highest* value. It is important to keep this in mind when setting your return and severity code values.

Utilities Index Compression Service Return and Reason Codes

The following return and reason codes can be generated when CA utilities invoke the Index Compression Service:

10

Indicates that the compression service failed.

This return code can be accompanied by the following reason codes, which describe the specific failure that was detected:

C8

Indicates that the DB2 index compression service failed to compress an index page.

CC

Indicates that the internal LCMOD service failed during initialization.

D0

Indicates that the internal LCMOD service failed to load the DB2 index compression service.

D4

Indicates that the internal LCMOD service failed while terminating the DB2 index compression service.

D8

Indicates that the internal LCMOD service failed during IXD initialization processing.

DC

Indicates that the internal LCMOD service failed during IXD initialization processing.

E0

Indicates that the internal LCMOD service failed during IXD termination processing.

E4

Indicates that the DB2 IXD build service failed.

64

Indicates that the LOAD for the CSLCPINX compression service manager failed.

68

Indicates an invalid request to the CSLCPINX compression service manager.

Utilities Index Compression Size Service Return and Reason Codes

The following return and reason codes can be generated when CA utilities invoke the Index Compression Size Service:

08

Indicates that an error occurred during the service call.

This return code can be accompanied by the following reason codes, which describe the specific error encountered:

14

Indicates that a storage obtain failed.

15

Indicates that a call to UTA\$SD for current version definitions failed.

16

Indicates that an unknown key version was encountered.

0C

Indicates that the request could not be processed because the processing context is incomplete or invalid.

This return code can be accompanied by the following reason codes, which describe the specific error encountered:

01

Indicates that the parameter list is not recognized.

02

Indicates that the request code is not recognized.

03

Indicates that the parameter list version is not supported.

04

Indicates that the current service call cannot be processed because the service has not yet been initialized.

05

Indicates an invalid GLEB control block.

06

Indicates an invalid RAMIX control block.

07

Indicates an invalid index page.

08

Indicates an invalid header page.

09

Indicates an invalid directory page.

0A

Indicates an invalid key number.

0B

Indicates that a key number is out of range.

10

Indicates that the Index Compression Size API is not available.

Utilities Restart/Retry Return and Reason Codes

The following return codes can be generated when multiple CA utilities try to use the same restart rows:

0

Indicates processing completed successfully. Results expected.

4

Indicates processing completed successfully but conditions were detected during processing that resulted in the generation of warning messages. Unexpected results have occurred.

8

Indicates processing errors have occurred. These conditions will affect subsequent processing (for example, job steps might be skipped). The function fails.

The following reason codes can be generated when two or more CA utilities try to use the same restart rows:

. 81 (X'00000051')

Indicates an unknown type of error.

. 82 (x'00000052')

Indicates GETMAIN failed.

. 83 (x'00000053')

Indicates FREEMAIN failed.

. 84 (x'00000054')

Indicates BUILD UTILID failed.

. 85 (x'00000055')

Indicates BUILD AUTHID failed.

. 86 (x'00000056')

Indicates an invalid utility name has been passed.

. 87 (x'00000057')

Indicates the SSID is not found in SSCT51-Unknown type of error.

. 88 (x'00000058')

Indicates a validation error.

. 89 (x'00000059')

Indicates an SQL error.

. 90 (x'0000005A')

Indicates SQL not found.

. 91 (x'0000005B')

Indicates no dynamic SQL passed.

. 92 (x'0000005C')

Indicates SHRLV is not E, R, or U.

. 93 (x'0000005D')

Indicates the statement level enqueue failed.

Chapter 2: PS to PTUIX

PS Messages

Messages with the PS prefix are generated from the Statistics Manager component of CA Plan Analyzer.

PS002E

INVALID VALUE. VALID VALUES ARE Y (propagate statistics using PCTFREE value) or N (do not use PCTFREE value).

PS003E

INVALID VALUE. VALID VALUES ARE Y - YES AND N - NO.

Reason:

You have entered an invalid option for the tablespace FREEPAGE Statistics Manager profile variable.

Action:

Valid values are as follows:

- Y-Propagate Statistics using the tablespace FREEPAGE value.
- N-Do not use the tablespace FREEPAGE value in calculating statistics.

PS004E

INVALID VALUE. VALID VALUES ARE Y - YES AND N - NO.

Reason:

You have entered an invalid option for the tablespace SEGSIZE Statistics Manager profile variable.

Action:

Valid values are as follows:

- Y-Propagate Statistics using the tablespace SEGSIZE value.
- N-Do not use the tablespace SEGSIZE value in calculating statistics.

PS005E

INVALID VALUE. VALID VALUES ARE Y - YES AND N - NO.

Reason:

You have entered an invalid option for the tablespace SEGSIZE Statistics Manager profile variable.

Action:

Valid values are as follows:

- Y-Propagate Statistics using the tablespace SEGSIZE value.
- N-Do not use the tablespace SEGSIZE value in calculating statistics.

PS006E

INVALID VALUE. VALID VALUES ARE Y - YES AND N - NO.

Reason:

You have entered an invalid option for Statistics Manager profile variables.

Action:

Valid values are as follows:

- Y-Propagate Statistics using the tablespace SEGSIZE value.
- N-Do not use the tablespace SEGSIZE value in calculating statistics.

PS007E

INVALID VALUE. VALID VALUES ARE Y - YES AND N - NO.

Reason:

You have entered an invalid option for Statistics Manager profile variables.

Action:

Valid values are as follows:

- Y-Propagate Statistics using the tablespace SEGSIZE value.
- N-Do not use the tablespace SEGSIZE value in calculating statistics.

PS008E

INVALID VALUE. VALID VALUES ARE Y - YES AND N - NO.

Reason:

You have entered an invalid option for Statistics Manager profile variables.

Action:

Valid values are as follows:

- Y-Propagate Statistics using the tablespace SEGSIZE value.
- N-Do not use the tablespace SEGSIZE value in calculating statistics.

PS009E

INVALID VALUE. VALID VALUES ARE 01 - 99.

Reason:

You have entered an invalid option for Statistics Manager profile variables.

Action:

Valid values are as follows:

- Y-Propagate Statistics using the tablespace SEGSIZE value.
- N-Do not use the tablespace SEGSIZE value in calculating statistics.

PS010E

AN UNEXPECTED INTERNAL ERROR CONDITION HAS OCCURRED. PRESS HELP.

Reason:

Statistics Manager encountered an internal processing condition that was unexpected or undesirable, or both. You should report this error to Technical Support. There might be some diagnostics information that you should save (by screen prints or by writing it down exactly as shown) and give to Technical Support.

Action:

For assistance, contact CA Support at <http://ca.com/support>.

PS011E

INSUFFICIENT VIRTUAL STORAGE TO CONTINUE. PRESS HELP FOR MORE INFO.

Reason:

Statistics Manager could not obtain enough virtual storage to continue processing your request.

Action:

Possible solutions to this condition are as follows:

- Exit any split screen sessions that might be in effect.
- Increase the region size of your TSO LOGON procedure. We recommend a region size of between 2048 to 3072 KB.

PS012E

YOU HAVE ENTERED AN INVALID COMMAND. PRESS HELP FOR MORE INFO.

Reason:

You have entered an invalid command in the command line for the panel.

Action:

Enter ? in the command line to get a list of available Statistics Manager commands valid for this panel, global Statistics Manager commands, inter-product commands, and scrolling commands (if applicable).

PS013E

RC= return-code , RCODE= reason-code message

Reason:

Statistics Manager was unable to successfully establish a thread to the specified DB2 subsystem using the Call Attachment Facility (CAF). The information in the message is the information that DB2 has returned to the CAF component.

Action:

Use the information in the message text to resolve the problem.

PS014E**UNABLE TO LOAD PTLSSP LOAD MODULE.****Reason:**

Statistics Manager could not load the PTLSSP load module. This module controls all processing for the Extended Query Facility (EQF). Do not attempt to use any EQF functions while this condition exists.

Action:

Ensure that the PTILIB DD is allocated, and that the PTLSSP module is contained in one of the load libraries defined by this DD.

PS015E**ERROR OCCURRED IN CSECT &PSETPGM , STATEMENT &PSESTM .****Reason:**

An SQL ERROR occurred.

Action:

The message contains the name of the program that issued the SQL, along with the statement number.

PS016E**YOU MAY ONLY SELECT ("S") ONE COMMAND.****Reason:**

You have selected more than one line command to be processed for this line. You can select only one line command to be processed.

Action:

Remove all but one S that you have entered and press Enter.

PS017E

INVALID LINE COMMAND. VALID COMMANDS ARE (S,?).

Reason:

You have entered an invalid line command.

Action:

Valid line commands are as follows:

- S-Select this command for processing.
- ?-Display additional help about this line command.

PS018E

YOU MAY NOT INTERMIX "S" AND "?" LINE COMMANDS.

Reason:

You have entered a combination of S and ? line commands. You cannot intermix these commands.

Action:

As an alternative, first select all the line you want to view help for with the ? line command. After viewing all the help panels you selected, select the one command you want to execute for this line with an S and press Enter.

PS019E

AN UNEXPECTED SQL ERROR HAS OCCURRED.

Reason:

An error was encountered while processing an SQL request for the current function. Prior to receiving this error message, you should have been shown the SQL ERROR panel (PTSQLET), which described the error condition.

Action:

As that panel noted, this error might not necessarily be a problem with Statistics Manager. The error might have been caused by entering incorrect data, not holding required authorization, or a problem with your DB2 system.

To insure the integrity of Statistics Manager processing, return to the Statistics Manager main menu before retrying this function. If you attempt to complete the current function without returning to the main menu, you could encounter further errors as data expected from the SQL request might not be present or might be incomplete.

PS020E

INVALID COMMAND FOR CREATE LINE. ONLY (C) IS VALID ON THIS LINE.

Reason:

You have entered an invalid command was entered on the create line.

Action:

The only valid command is C.

PS021E

INVALID COMMAND FOR OBJECT LINES. VALID COMMANDS ARE (U, D).

Reason:

You have entered an invalid object line command.

Action:

Valid commands are U and D.

PS022E

YOU ARE NOT AUTHORIZED TO UPDATE OR DELETE THIS STRATEGY.

Reason:

You are attempting to update a strategy that cannot be updated by public.

Action:

Choose another strategy or create a new one.

PS023E

A STRATEGY NAME MUST BE ENTERED.

Reason:

You are attempting to create a strategy without specifying a strategy name.

Action:

You must enter a strategy name.

PS024E

A VALID STRATEGY TYPE MUST BE ENTERED. VALID VALUES ARE M AND U.

Reason:

You are attempting to create a strategy without a valid strategy type.

Action:

Valid types are as follows:

- M-Migration Strategy
- U-Update Strategy

PS025E

A VALID SHARE OPTION MUST BE ENTERED. VALID VALUES ARE (Y,N,U).

Reason:

You are attempting to create a strategy without a valid share option.

Action:

Valid share options are as follows:

- U-All users can execute and update the strategy.
- Y-All users can execute the strategy.
- N-Only the creator can execute and update the strategy.

PS026E

THIS STRATEGY NAME ALREADY EXISTS. PLEASE CHOOSE A DIFFERENT NAME.

Reason:

You are attempting to create a strategy using a strategy name that already exists.

Action:

Choose a different strategy name.

PS027E

EMBEDDED BLANKS ARE NOT ALLOWED IN THIS FIELD.

Reason:

You entered a field with embedded blanks. Statistics Manager requires that field contains no embedded blanks.

Action:

Reenter the field in question.

PS028I

STRATEGY DELETED.

Reason:

Statistics Manager successfully deleted the strategy.

Action:

None.

PS030E

LOG ENTRY IS NOT IN DELETE OR ROLLBACK PENDING STATUS.

Your attempt to execute a log entry was incorrect. The Execute function for the Statistics Log is valid only on those entries that are in Delete or Rollback Pending status.

PS031E

LOG ENTRY STATUS REQUIRES ACTION. DELETE LINE COMMAND IGNORED.

Reason:

Your attempt to delete a log entry was invalid because the Log entry is in Delete or Rollback Pending status.

Action:

To delete this entry first perform the Log Entry Execution.

PS032E

INVALID LINE COMMAND FOR LOG ENTRIES. VALID VALUES ARE (D,E,H,I).

Reason:

You entered an invalid line command or a Log Entry.

Action:

Valid line commands are as follows:

- D-Delete Log Entry.
- E-Execute Log Entry. This command functions only for entries in Delete or Rollback Pending status (DP or RP).
- H-This command provides help on status and action codes.
- I-This command provides detail information on a log entry.

PS033E

LOG EXECUTION FAILED. CONTACT CUSTOMER SUPPORT FOR ASSISTANCE.

Reason:

PSM encountered an error while processing the current function.

Action:

As that panel noted, this error might not necessarily be a problem with Statistics Manager. The error might have been caused by entering incorrect data, not holding required authorization, or a problem with your DB2 system.

PS034E

UNABLE TO BUILD COLUMN SCREEN LIST. PRESS HELP FOR MORE.

Reason:

PSM was unable to retrieve column information from the DB2 catalog due to an SQL error. An informational screen describing the SQL error should already have been displayed.

Action:

The error might have been due to a deadlock condition within DB2.

PS035E

VALID LINE CMDS ARE: F, R, S, U, X, and Z.

Reason:

You have entered an invalid CATALOG UPDATE line command.

Action:

Valid line commands for tablespaces (object TYPE of TS) are as follows:

- F-Force user-entered new catalog statistics values to become the old catalog statistics values.
- R-Reset user-entered catalog statistics back to their current DB2 catalog values.
- S-Shrink the display of tablespace/column information to remove object detail.
- U-Explode the display of information to include object detail and the current settings of DB2 catalog statistics. The exploded display includes prompts, letting you update the catalog statistic values.
- X-Propagate the user entered multiplier to all dependent objects. This command treats the table cardinality as a multiplier for all dependent objects.
- Z-Set all statistics values (Old and New) to zero.

PS036E

VALID LINE CMDS ARE: C, F, R, S, U, and Z.

Reason:

You have entered an invalid CATALOG UPDATE line command.

Action:

Valid line commands for indexes (object TYPE IX) are as follows:

- C-View a list of the index-key's columns. The column list lets you view/update column statistics.
- F-Force user-entered new catalog statistics values to become the old catalog statistics values.
- R-Reset user-entered statistics back to their current DB2 catalog values. This command also resets any updated column statistics.
- S-Shrink the display of object information to remove object detail.
- U-Explode the display of object information to include object detail and current DB2 catalog values. The exploded display includes prompts, letting you update the catalog statistic values.
- Z-Set all statistics values (Old and New) to zero.

PS037E

SPECIFIED VALUE MUST BE A NUMBER LESS THAN 2,147,483,648.

Reason:

You have entered an invalid value at one of the Catalog Update statistics prompts. The statistic you are trying to update requires an integer value in the range of -1 to 2,147,483,647. Your cursor has been positioned on the value that is in error.

Action:

Correct the value and press Enter.

PS038E

SPECIFIED VALUE MUST BE A NUMBER LESS THAN 32,768.

Reason:

You have entered an invalid value at one of the Catalog Update statistics prompts. The statistic you are trying to update requires an integer value in the range of -1 to 32,767. Your cursor has been positioned on the value that is in error.

Action:

Correct the value and press Enter.

PS039E

INVALID HEX CHARACTER. VALID CHARS ARE: 0 - 9, A - F. PF1 FOR MORE.

Reason:

You have entered an invalid hex character at the HIGH2KEY or LOW2KEY column statistics prompts. Each of these prompts has two input areas:

The top line is for character data.

The bottom two lines are for hexadecimal data and should be used to enter the hexadecimal representation of characters that have no representation on your keyboard.

Action:

Valid hexadecimal characters are as follows: A thru F and 0 thru 9. Your cursor has been positioned on the invalid character. Enter a valid hex character and press enter or use the R (Reset) line command to restore the column's statistics to their current DB2 catalog values.

PS040E**CARDINALITY VALUE NOT SPECIFIED.****Reason:**

You have not entered a cardinality (or multiplier) for doing statistics propagation.

Action:

When using the P or X line commands, you must specify a new cardinality for the table you want to work on.

PS041E**VALID LINE CMDS ARE: C, F, P, R, S, U, X, and Z.****Reason:**

You have entered an invalid CATALOG UPDATE line command.

Action:

Valid line commands for tables (object TYPE TB) are as follows:

- C-View a list of the table's columns. The column list lets you view/update column statistics.
- F-Force user-entered new catalog statistics values to become the old catalog statistics values.
- P-Propagate the user entered cardinality to all dependent objects.
- R-Reset user-entered statistics back to their current DB2 catalog values. This command also resets any updated column statistics.
- S-Shrink the display of object information to remove object detail.
- U-Explode the display of object information to include object detail and current DB2 catalog values. The exploded display includes prompts, letting you update the catalog statistic values.
- X-Propagate the user entered multiplier to all dependent objects. This command treats the table cardinality as a multiplier for all dependent objects.
- Z-Set all statistics values (Old and New) to zero.

PS042E**INVALID STATUS FOR EXECUTE FUNCTION. COMMAND IGNORED.****Reason:**

You have attempted to issue the Execute command on a Log entry that was not in a Delete Pending (DP) or Rollback Pending (RP) status.

PS043E

INVALID STATUS FOR DELETE FUNCTION. COMMAND IGNORED.

Reason:

You have attempted to delete a Log Entry that has a Delete Pending (DP) or Rollback Pending (RP) status.

Action:

Use the execute command.

PS044E

VALID LINE COMMANDS ARE: D, E, H, I.

Reason:

You have entered an invalid Log entry line command.

Action:

Valid types are as follows:

- D-Delete a Log Entry
- E-Execute a Log Entry with Status Pending Codes
- H-Display help for Log entry Status and Action Codes
- I-Display Log Entry Detail Information

PS045E

EXECUTE COMMAND FAILED.

Reason:

The execution of a Log Entry failed.

PS046E

INVALID OBJECT TYPE. VALID TYPES ARE: K, CK, P, CP, T, CT, S, CS.

Reason:

You have entered an invalid object type code.

Action:

Valid types are as follows:

- K-Autobuild Package
- CK-Catalog Package
- P-Autobuild Plan
- CP-Catalog Plan
- S-Autobuild Tablespace
- CS-Catalog Tablespace
- T-Autobuild Table
- CT-Catalog Table

PS047E

YOU MUST ENTER A PLAN NAME, PACKAGE NAME, OR A TABLE CREATOR.

Reason:

You have not entered information in a required field.

Action:

Enter the required information and rerun the job.

PS048E

A COLLECTION ID OR A TABLE NAME MUST BE ENTERED.

Reason:

You have not entered information in a required field.

Action:

Enter the required information and rerun the job.

PS049E

THIS FIELD CONTAINS INVALID INFORMATION FOR THE OBJECT TYPE.

Reason:

You have entered incorrect information in a non-required field.

Action:

Enter the required information and rerun the job.

PS050E

OBJECT EDIT ERROR.

Reason:

You have entered incorrect information in a non-required field.

Action:

Enter the required information and rerun the job.

PS051W

THE ATTN KEY WAS PRESSED. THE REPORT MAY BE INCOMPLETE.

Reason:

Statistics Manager was generating a report or selection list when you pressed the ATTN key to cancel the generation. Because the report was canceled during generation, the report might not be complete.

Action:

This is a warning message. No action is required.

PS052E

NO DATA WAS FOUND MATCHING SELECTION CRITERIA.

Reason:

Statistics Manager could not find any data for the criteria selected for your request. Confirm that you specified the correct DB2 subsystem ID. Also, check the spelling for accuracy.

Action:

If you are unsure of the problem, you might want to use an asterisk (*) to designate all for a comprehensive search for the data requested.

PS053E

THE ONLY VALID LINE COMMAND IS (S). BLANKS REMOVE ENTRY FROM QUEUE.

Reason:

You entered a line command other than S (for Select) on a Selected Queue screen. An S is pre-marked next to each entry that has been selected for processing.

Action:

Replace the line command with an S to keep the entry in the queue. When you do not want Statistics Manager to process the entry, blank out the line command for that entry and press Enter.

PS054E

YOU HAVE ENTERED AN INVALID COMMAND. PRESS HELP FOR MORE INFO.

Reason:

You have entered an invalid command in the command line for the panel. The command line is typically preceded by COMMAND ==> or by OPTION ==>.

Action:

Enter ? in the command line to get a list of available Statistics Manager commands valid for this panel, global Statistics Manager commands, CA's inter-product commands, and scrolling commands (if applicable).

PS055E

INVALID MASK TYPE. PRESS HELP FOR MORE INFO.

Reason:

You have entered an invalid mask type.

Action:

Valid types are as follows:

- TBC-Table Creator Name Mask
- TBN-Table Name Mask
- TSD-Tablespace Database Name Mask
- TSN-Tablespace Name Mask
- IXC-Index Creator Name Mask
- IXN-Index Name Mask

PS056E

A SOURCE MASK MUST BE ENTERED. PRESS HELP FOR MORE INFO.

Reason:

You have not entered a source mask. A source mask is required.

Action:

Specify a source mask. Access online help if you require more information.

PS057E

A TARGET MASK MUST BE ENTERED. PRESS HELP FOR MORE INFO.

Reason:

You have not entered a target mask. A target mask is required.

Action:

Specify a target mask. Access online help if you require more information.

PS058E

INVALID SSID.

Reason:

You have entered an invalid subsystem ID.

Action:

Specify a valid subsystem ID.

PS059E

INVALID MASK RELATION. VALID VALUES ARE 1, M.

Reason:

You have not entered a valid Mask relationship.

Action:

Valid values are as follows:

- 1-Mask is used as a one-to-one relationship
- M-Mask is used as a one-to-many relationship

PS060E

CREATE ONLY VALID ON CREATE LINE.

Reason:

You have attempted to create a new Mask entry from a line other than the create line.

PS061E

INVALID LINE COMMAND. VALID COMMANDS ARE D, T, U.

Reason:

You have entered an invalid line on a Mask entry.

Action:

Valid commands are as follows:

- D-Delete a Mask entry
- T-Template an entry
- U-Update an etnry

PS062E

INVALID ROLLBACK OPTION. VALID OPTIONS ARE C, R.

Reason:

You have entered an invalid line Rollback option.

Action:

Valid options are as follows:

- C-Commit Catalog Updates
- R-Commit Catalog Update but gather Rollback statistics

PS063E

INVALID SSID SPECIFIED.

Reason:

You have entered an invalid DB2 Subsystem Id (SSID).

Action:

Enter ? for a selection list.

PS064E

INVALID LOCATION SPECIFIED.

Reason:

You have entered an invalid DB2 Subsystem Location.

Action:

Enter ? for a selection list or enter LOCAL.

PS065E

INVALID MASKING OPTION SPECIFIED. PRESS PF1 FOR HELP.

Reason:

You have specified an invalid masking option.

Action:

Valid values are as follows:

- Y-Apply Masks
- N-Do Not Apply Masks

PS066E

INVALID DB2 SUBSYSTEM ID (SSID) AND LOCATION COMBINATION.

Reason:

You have specified an invalid SSID.

Action:

Enter ? for a selection list of valid DB2 subsystems.

PS067E

INVALID STRATEGY COMMAND. VALID VALUES ARE B, D, E, I, L, M, O, U.

Reason:

You have entered an invalid line command.

Action:

Valid values are as follows:

- B-Browse a strategy definition
- D-Delete a strategy
- E-Execute a strategy
- I-Information report
- L-List all versions for this strategy
- M-Edit strategy masks
- O-Edit strategy DB2 objects
- U-Update a strategy definition

PS068E

NO CATALOG STATISTICS HAVE BEEN EXTRACTED. PRESS PF1 FOR HELP.

Reason:

You are trying to edit statistics, but no statistics have been extracted.

Action:

Use the Object editor to define objects that you would like to extract statistics for and initialize Catalog Extraction.

PS069E

INVALID ROLLBACK OPTION SPECIFIED. PRESS PF1 FOR HELP.

Reason:

You have specified an invalid rollback option.

Action:

Valid values are as follows:

- C-Commit Statistics
- R-Rollback Statistics

PS070I

CATALOG STATISTICS UPDATE COMPLETE.

Reason:

Statistics Manager Catalog Statistics Update completed successfully.

Action:

None.

PS071I

CATALOG STATISTICS ROLLBACK COMPLETE.

Reason:

Statistics Manager Catalog Statistics Rollback completed successfully.

Action:

None.

PS072E

CATALOG STATISTICS ROLLBACK UNSUCCESSFUL.

Reason:

An invalid Catalog Update finished abnormally.

PS073E

CATALOG STATISTICS ROLLBACK UNSUCCESSFUL.

Reason:

An invalid Catalog Rollback finished abnormally.

PS074E

INVALID LOCATION SPECIFIED. STRATEGY CREATION UNSUCCESSFUL.

Reason:

An invalid Catalog Rollback finished abnormally.

PS075E

NO STATISTICS WHERE FOUND FOR THE OBJECTS SPECIFIED.

Reason:

The Statistics Extraction routine did not find any tables for the objects that were specified.

PS076E

YOU MUST ENTER A JOB CARD.

Reason:

You did not specify a job card for batch execution.

Action:

Specify a job card and rerun the job.

PS077E

YOU MUST ENTER A SYSOUT CLASS.

Reason:

You did not specify a SYSOUT class for batch execution.

Action:

Specify a SYSOUT class and rerun the job.

PS078E

INVALID VALUE. VALID VALUES ARE M AND U.

Reason:

An invalid statistics execution function has been specified.

Action:

Valid values are as follows:

- M-Perform migration of catalog statistics
- U-Perform update of catalog statistics

PS079E

INVALID STRATEGY COMMAND. VALID VALUES ARE B AND S.

Reason:

You have specified an invalid line command.

Action:

Valid values are as follows:

- B-Browse a statistics strategy
- S-Select a statistics strategy

PS080E

You have entered an invalid value for a statistics multiplier. This field must contain a numeric value.

Reason:

You specified a non-numeric value for the statistics multiplier.

Action:

Enter a numeric value for the statistics multiplier.

PS090E

INVALID STATISTICS EXECUTION FUNCTION. VALID VALUES ARE A AND U.

Reason:

You have entered an invalid statistics execution function.

Action:

Valid values are as follows:

- A-Perform statistics analysis
- E-Perform statistics extraction
- M-Perform statistics migration
- U-Perform statistics update

PS091E

INVALID STATISTICS EXECUTION REPORT. VALID VALUES ARE N, S, AND L.

Reason:

You have entered an invalid statistics report option.

Action:

Valid values are as follows:

- L-Produce long reports.
- S-Produce short reports.
- N-Do not produce reports.

PS092E

INVALID EXECUTION MODE. VALID VALUES ARE B, I AND O.

Reason:

You have entered an invalid statistics execution mode.

Action:

Valid values are as follows:

- B-Perform multiple executions in batch.
- I-Perform execution in batch.
- O-Perform execution online.

PS093E

INVALID STATISTICS CALCULATION OPTION. VALID VALUES ARE Y AND N.

Reason:

You have entered an invalid statistics calculation option.

Action:

Valid values are as follows:

- Y-Recalculate Statistics.
- N-Do not recalculate statistics.

PS094E

INVALID STATISTICS SAVE OPTION. VALID VALUES ARE Y AND N.

Reason:

You have entered an invalid statistics save option.

Action:

Valid values are as follows:

- Y-Save extracted statistics from extraction or migration
- N-Do not save statistics

PS095I

INVALID STRATEGY NAME. PRESS HELP FOR MORE INFORMATION.

Reason:

You have entered an invalid strategy name. Strategy names cannot begin with special characters such as #.

Action:

Press HELP to obtain more information about this informational message.

PS096I

BATCH CARDS GENERATED.

Reason:

This message informs you that the batch cards were generated.

Action:

None.

PS097E

INVALID LOCATION SPECIFIED. PRESS PF1 FOR HELP.

Reason:

You have entered an invalid DB2 location. This error could be caused because DDF is not currently running.

Action:

Specify a valid location. If you need further help, press PF1 (Help) for more information.

PS098E

INVALID OVERRIDE OPTION SPECIFIED. VALID VALUES ARE Y AND N.

Reason:

You have entered an invalid statistics calculation override option.

Action:

Valid values are as follows:

- Y-Override multiplier values.
- N-Do not override multiplier values.

PS099I

CALCULATIONS VARIABLES HAVE BEEN SAVED.

Reason:

This message informs you that calculation variables have been saved.

Action:

None.

PS100I

SELECTED OBJECTS HAVE BEEN QUEUED, ENTER (S)HRINK TO VIEW THE QUEUE.

Reason:

This informational message indicates that selections have been queued.

Action:

None.

PS101I

STATISTICS STRATEGY HAS BEEN SAVED.

Reason:

This informational message indicates that the statistics strategy has been saved.

Action:

None.

PS102E

NO OBJECTS HAVE BEEN SPECIFIED. EXECUTION CANCELED.

Reason:

The execution function cannot be performed because you have not defined objects for the purpose of extracting statistics.

Action:

You must define objects prior to performing statistical functions.

PS103E

NO OBJECTS HAVE BEEN SPECIFIED. EXTRACTION CANCELED.

Reason:

The extraction function cannot be performed because you have not defined objects for the purpose of extracting statistics.

Action:

You must define objects prior to performing an extraction.

PS104E

NO OBJECTS HAVE BEEN SPECIFIED. ANALYSIS CANCELED.

Reason:

The analysis function cannot be performed because you have not defined objects for the purpose of extracting statistics.

Action:

You must define objects prior to performing analysis.

PS105E

NO OBJECTS HAVE BEEN DEFINED. STRATEGY NOT SAVED.

Reason:

A strategy definition is incomplete because you have not defined objects.

Action:

You must define objects for a strategy to be complete.

PS106E

VALID LINE CMDS ARE: F, R, S, U, and Z.

Reason:

You have entered an invalid CATALOG UPDATE line command.

Action:

Valid line commands for columns are as follows:

- F-Force user-entered new catalog statistics values to become the old catalog statistics values.
- R-Reset user-entered catalog statistics back to their current DB2 catalog values.
- S-Shrink the display of tablespace/column information to remove object detail.
- U-Explode the display of information to include object detail and the current settings of DB2 catalog statistics. The exploded display includes prompts, letting you update the catalog statistic values.
- Z-Set all statistics values (Old and New) to zero.

PS107W

SOME OR ALL THE OBJECTS HAVE NO STATISTICS. DEFAULT VALUES USED.

Reason:

Statistics Manager encountered objects that RUNSTATS had not been run against or where zeros were encountered in key calculation fields. Default values were substituted.

Action:

This is a warning message. No action is required.

PS108E

INVALID EXTRACTION SCOPE. VALID VALUES ARE F)ULL OR P)ARTIAL.

Reason:

You have entered an invalid extraction scope.

Action:

Valid entries for this field are as follows:

- F-Full Extraction. This indicates PSM should extract all catalog statistics. Use this option when you want manipulation of statistical values.
- P-Partial Extraction. PSM extracts only statistics necessary for catalog update. This option increases performance; you should use it when no modification of catalog statistics is required.

PS109E

COMMAND NOT VALID WITH PARTIAL EXTRACTION.

Reason:

You have attempted to perform full statistical modifications or entered invalid execution options on a strategy defined with a partial extraction scope. Partial extractions provide limited execution and statistic modification ability.

Action:

When you want full PSM capabilities, set the extraction scope to Full.

PS110E

INVALID CALCULATION OPTION FOR PARTIAL EXTRACT. VALID VALUES ARE N.

Reason:

You have attempted to perform statistical calculations on a strategy defined with a partial extraction scope. Partial extractions provide limited execution and statistic modification ability.

Action:

When you want full PSM capabilities, set the extraction scope to Full.

PS111E

ENTERED VALUE CANNOT BE REPRESENTED AS A FLOATING POINT NUMBER.

Reason:

You have attempted to perform statistical calculations on a strategy defined with a partial extraction scope. Partial extractions provide limited execution and statistic modification ability.

Action:

When you want full PSM capabilities, set the extraction scope to Full.

PS112E

INVALID VALUE. VALID VALUES ARE Y - YES AND N - NO.

Reason:

You have entered an invalid option for Statistics Manager existing masks.

Action:

Valid values for this variable are as follows:

- Y-Use previously created masks.
- N-Do not use previously created masks.

PS113E

INVALID EXECUTION FUNCTION. VALID VALUES ARE I,IX OR L.

Reason:

You have entered an invalid execution value.

Action:

Valid values are as follows:

- I-Import
- IX-Import/Export
- L-Load

PS114E

INVALID FUNCTION. VALID VALUE FOR STRATEGY CREATION/UPDATE IS S.

Reason:

You have entered an invalid function.

Action:

The only valid value is S.

PS115E

INVALID VALUE. CREATOR/DB NAME MUST BE BLANK FOR THIS MASK TYPE.

Reason:

You have entered a value for the Creator/DB Name field.

Action:

For the selected mask type, any value in this field is invalid.

PS116E

INVALID VALUE. IX/TB/TS NAME MUST BE BLANK FOR THIS MASK TYPE.

Reason:

You have entered a value for the IX/TB/TS Name field.

Action:

For the selected mask type, any value for this field is invalid.

PS117E

IX/TB/TS NAME REQUIRED FOR THIS MASK TYPE.

Reason:

You have not entered the required index, table, or tablespace name required for this mask type.

Action:

For mask types TB, TBN, IX, IXN, TS, and TSN, you must complete the IX/TB/TS Name field.

PS118E**CREATOR/DB NAME REQUIRED FOR THIS MASK TYPE.****Reason:**

You have not entered the required index creator, table creator, or database name for this mask type.

Action:

For mask types TB, TBC, IX, IXC, TS, and TSD, you must complete the Creator/DB Name field.

PS119E**EXPORT SSID AND LOCATION REQUIRED FOR FUNCTIONS: IS, IX, AND X.****Reason:**

You have not specified a value for the Export SSID and Location fields.

Action:

These fields are required for the IS, IX, or X functions.

PS120E**IMPORT SSID AND LOCATION REQUIRED FOR FUNCTIONS: I AND IX.****Reason:**

You have not specified a value for the Export SSID and Location fields.

Action:

These fields are required for the I and IX functions.

PS121E**INVALID COLUMN GROWTH %. MUST BE NUMERIC.****Reason:**

You have entered an invalid value for the Column Growth % field.

Action:

This field value must be a valid numeric value.

PS122I

THE BATCH PROCESSOR INPUT HAS BEEN WRITTEN TO THE BATCH MODE DATASET.

Reason:

This message indicates that the batch processor input has been written to the batch mode data set.

Action:

None.

PS123E

UNABLE TO LOAD PTLSQLDP LOAD MODULE.

Reason:

Statistics Manager could not load the PTLSQLDP load module.

Action:

Ensure that the PTILIB DD is allocated and that the PTLSQLDP module is contained in one of the load libraries defined by this DD.

PS124I

STRATEGY VERSION DELETED.

Reason:

This message indicates that the strategy version was deleted.

Action:

None.

PS125E

INVALID FUNCTION. VALID VALUES ARE A,I,U OR X.

Reason:

You have entered an invalid execution function for a strategy version.

Action:

Valid values are as follows:

- A-Analysis
- I-Import
- L-Load
- U-Unload
- X-Export

PS126E

CLUSTERRATIO MUST BE LESS THAN OR EQUAL TO 100.

Reason:

You have entered an invalid value for CLUSTERRATIO.

Action:

Valid values are less than or equal to 100.

PS127E

ROLLBACK FUNCTION WAS NOT COMPLETED. NO STATISTICAL DATA COLLECTED.

Reason:

You tried to export and roll back a strategy/version that did not complete. No statistical data was collected and saved, and no execution on the strategy/version is possible.

PS128E

INVALID FUNCTION. EXPORT VERSION MAY NOT BE EDITED.

Reason:

You have attempted to edit an export strategy version.

Action:

You cannot edit export strategy versions.

PS129E

INVALID TS NAME. TS NAME CANNOT BE GREATER THAN 8 BYTES LONG.

Reason:

You have entered an invalid value for tablespace name.

Action:

The tablespace name cannot be greater than 8 bytes in length.

PS130E

INVALID STRATEGY VERSION COMMAND. VALID VALUES ARE: B,D,E,I,R,S.

Reason:

You have entered an invalid line command.

Action:

Valid values are as follows:

- B-Browse a strategy version definition
- D-Delete a version
- E-Execute a version
- I-Information report
- R-Statistics reports
- S-Edit strategy statistics

PS131E

INVALID VALUE. VALID VALUES ARE Y - YES AND N - NO.

Reason:

You have specified an invalid reporting option.

Action:

Valid values are as follows:

- Y-Report on the corresponding table.
- N-Do not report on the corresponding table.

PS132E

VALID LINE CMDS ARE: S AND U.

Reason:

You have entered an invalid catalog update line command for an object of type TBS.

Action:

Valid line commands are as follows:

- S-Shrink the display of object information to remove object detail.
- U-Explode the display of object information to include object detail and current DB2 catalog values.

PS133E

VALID LINE CMDS ARE: S AND U.

Reason:

You have entered an invalid catalog update line command for an object of type IXS.

Action:

Valid line commands are as follows:

- S-Shrink the display of object information to remove object detail.
- U-Explode the display of object information to include object detail and current DB2 catalog values. The exploded display includes prompts, letting you update the catalog statistic values.

PS134E

UNLOAD MUST BE A VERSION IMPORT OR IMPORT/EXPORT STATISTICS.

Reason:

You attempted to perform the UNLOAD function on a Statistics Strategy.

Action:

The UNLOAD function is valid only for statistics strategy versions.

PS135E

INVALID PRIMARY SPACE ALLOCATION. MUST BE NUMERIC.

Reason:

You have specified an invalid primary space allocation value for a new data set.

Action:

The primary space allocation value must be numeric and cannot exceed five digits.

PS136E

INVALID SECONDARY SPACE ALLOCATION. MUST BE NUMERIC.

Reason:

You have specified an invalid secondary space allocation value for a new data set.

Action:

The secondary space allocation value must be numeric and cannot exceed five digits.

PS137E

INVALID DIRECTORY BLOCK ALLOCATION. MUST BE NUMERIC.

Reason:

You have specified an invalid directory block space allocation value for a new data set.

Action:

The directory block space allocation value must be numeric and cannot exceed five digits.

PS138E

INVALID ALLOCATION TYPE. MUST BE: CYL, TRK, OR BLK.

Reason:

You have entered an invalid value for the Space Allocation Type.

Action:

Valid values are as follows:

- CYL-Cylinders
- TRK-Tracks
- BLK-Blocks

PS139E

PROPAGATION COULD NOT BE CALCULATED. MISSING PARTITION STATISTICS.

Reason:

Propagation calculations could not be completed because missing partition statistics are missing.

Action:

To solve this problem, run RUNSTATS on the objects and attempt propagation again.

PS140E

INVALID DATASET ALLOCATION. PLEASE CHECK DSN VALUES AND TRY AGAIN.

Reason:

You have specified an invalid data set allocation value, which prevents a successful UNLOAD.

Action:

Verify the data set allocation values and try again.

PS141E

INVALID DATASET. PLEASE USE THE MEMBER NAME FIELD TO SPECIFY A MEMBER.

Reason:

You have specified an invalid data set name.

Action:

When you want to specify a member name, use the Member Name field.

PS142E

INVALID VALUE. VALID VALUES ARE D - DETAIL, O - OLD, N - NEW.

Reason:

You have specified an invalid line command.

Action:

Valid values are as follows:

- D-Detail
- O-Old
- N-New

PS143E

INVALID DATASET. DATASET NAME IS A REQUIRED FIELD.

Reason:

You have not specified a data set name or have specified an invalid data set name.

Action:

To correct this error, specify a valid data set name and try again.

PS144E

INVALID STRATEGY VERSION COMMAND. VALID VALUES ARE: B,D,E,I,M,R,S.

Reason:

You specified an invalid line command.

Action:

Valid values are as follows:

- B-Browse a strategy or version
- D-Delete a strategy or version
- E-Execute a strategy or version
- I-Information report
- M-Edit strategy or version masks
- R-Report on a strategy or version

PS145I**SELECT A MEMBER TO LOAD FROM.****Reason:**

This message is a request that you select a member from which to load.

Action:

Select a member name for the Load utility.

PS146E**INVALID EXECUTION FUNCTION. VALID VALUES ARE X OR U.****Reason:**

You specified an invalid value in the Strategy/Version Execution Function field.

Action:

Valid values are as follows:

- U-UNLOAD strategy or version statistics to file.
- X-Export strategy or version statistics.

PS147E**INVALID EXECUTION FUNCTION. VALID VALUES ARE X OR IX.****Reason:**

You specified an invalid value in the Strategy/Version Execution Function field.

Action:

Valid values are as follows:

- IX-Import/export strategy or version statistics
- X-Export strategy or version statistics.

PS148E

CLUSTERRATIOF RANGE MUST BE BETWEEN 0 AND 1.

Reason:

You entered an invalid value for CLUSTERRATIOF.

Action:

Valid values are between 0 and 1.

PS149E

NACTIVE RANGE MUST BE GREATER THAN OR EQUAL TO 0.

Reason:

You specified an invalid NACTIVE value.

Action:

NACTIVE must be greater than or equal to zero.

PS150E

INVALID DATASET. LOAD DATASET MUST EXIST.

Reason:

You have specified an invalid data set name.

Action:

Specify a valid data set name for the Load utility.

PS151E

INVALID MEMBER NAME. LOAD MEMBER NAME MUST EXIST.

Reason:

You specified an invalid member name.

Action:

Specify the name of an existing member of the selected data set for the Load utility.

PS152E

INVALID EXECUTION FUNCTION. VALID VALUES ARE I AND IX.

Reason:

You specified an invalid value for the Strategy/Version Execution Function field.

Action:

Valid values are as follows:

- I-Import Strategy statistics
- IX-Import/Export Strategy statistics

PS153W

UNLOAD MEMBER EXIST AND WILL BE OVER WRITTEN.

Reason:

You selected to unload statistics to a partitioned data set member that already exists. If you continue, the existing member is overwritten.

Action:

This is a warning message. No action is required.

PS154I

UNLOAD MEMBER DOES NOT EXIST AND WILL BE CREATED.

Reason:

This message indicates that you specified an unload member that does not currently exist. The member will be created.

Action:

None.

PS155E

DATASET HAS AN INVALID DSORG. SELECT A NEW DATASET NAME.

Reason:

You specified a data set with an invalid DSORG (data set organization).

Action:

The data set must be a valid PDS (partitioned data set).

PS156E

A VALID MEMBER NAME MUST BE SPECIFIED FOR PARTITIONED DATASET.

Reason:

You have not specified a member name for the selected PDS (partitioned data set).

Action:

A member name is required.

PS157E

A MEMBER NAME SPECIFIED FOR SEQUENTIAL DATASET IS INVALID.

Reason:

Indicates that you have specified a member name for a sequential data set.

Action:

Choose a PDS (Partitioned DataSet) or a sequential data set without the member name specified.

PS158E

DATASET HAS AN INVALID LRECL. SELECT A NEW DATASET NAME.

Reason:

You specified an invalid data set. The data set must have a DSORG (data set organization) of PO (partitioned organization) or PS (physical sequential). The data set must also be fixed block (FB) with a logical record length (LRECL) of 80 bytes.

Action:

Verify that the data set fits the above criteria.

PS159E

DATASET NAME IS INVALID. PLEASE SUPPLY A VALID DATASET NAME.

Reason:

You specified an invalid data set name.

Action:

Specify a valid DSN. Verify that the data set name is valid and retry the function.

PS160E**UNABLE TO LOAD PZL#STDR LOAD MODULE.****Reason:**

Statistics Manager could not load the PZL#STDR load module.

Action:

Ensure that the PTILIB DD is allocated, and that the PZL#STDR module is contained in one of the load libraries defined by this DD.

PS161E**INVALID VALUE. VALID VALUES ARE Y - YES, N - NO, OR U - UPDATE.****Reason:**

You entered an invalid option for Update Reporting Options.

Action:

Valid values are as follows:

- Y-Run execution with the current report options.
- N-Do not run execution with the current report options.
- U-Update the report options.

PS162E**INVALID VALUE FOR FIELD. VALID VALUES ARE Y - YES OR N - NO.****Reason:**

You entered an invalid option for Update Calculation Options.

Action:

Valid values are as follows:

- Y-Update the current calculation options.
- N-Do not update the current calculation options.

PS163E

INVALID VALUE FOR FIELD. VALID VALUES ARE Y - YES OR N - NO.

Reason:

You entered an invalid option for Update Execution Options.

Action:

Valid values are as follows:

- Y-Update the current execution options.
- N-Do not update the current execution options.

PS164E

INVALID FUNCTION. MASKS ARE ONLY UPDATEABLE FOR IMPORT OR LOAD.

Reason:

You have entered an invalid function for the strategy version line command.

Action:

Strategy masks are only updateable for Import or Load strategy versions.

PS165W

Valid number has to be positive. Default values used.

Reason:

You have entered negative number or 0 for CARDF for propagate a value based on the cardinality. PSM used the default value for CARDF.

Action:

This is a warning message only. No further action is required.

PS166E

Invalid REPORT parameter.

Reason:

An invalid parameter was specified on the REPORT command.

Action:

Use the following valid syntax for this command:

- REPORT-Save the report configuration.
- REPORT RESET-Reset the report configuration.

PS167I

Report configuration saved.

Reason:

The report configuration has been saved. The report will use this configuration automatically the next time it is invoked.

Action:

No further action required.

PS168W

Report reset to default configuration.

Reason:

The report configuration has been reset. The report will use the default configuration the next time it is invoked.

Action:

No further action required.

PS169W

The REPORT command is not supported on this panel.

Reason:

The REPORT command is not supported on this panel.

Action:

No further action required.

PSA Messages

Messages with the PSA prefix are generated from CA Subsystem Analyzer.

PSA0100

SSANALZE INIT IN PROGRESS DB2=*ssid* USER=*userid*.

Reason:

Collection initialization is in progress for a selected DB2 subsystem.

The collection executes within the Xmanager address space. The message text includes the DB2 subsystem identifier for which the collector is being started and a user ID.

If the request to start the collection initiates from the panel, the user ID is identified with that session.

If the request to start the collection is received through a MODIFY command, the user ID is CONSOLE.

If the DB2 subsystem fails and then automatically restarts, this message is issued. In this instance, the user ID is identified with the user who started the initial collection that was terminated when the DB2 subsystem terminated.

This message is informational and is written to the Xmanager job log and the MVS SYSLOG.

Action:

None.

PSA0101

SSANALZE INIT COMPLETE FOR DB2=*ssid*.

Reason:

CA Subsystem Analyzer collection initialization completed successfully for a selected DB2 subsystem.

CA Subsystem Analyzer collection executes within the Xmanager address space. The message text includes the DB2 subsystem identifier for which the CA Subsystem Analyzer collector is being started.

Action:

This message is informational and is written to the Xmanager joblog as well as to the MVS SYSLOG.

PSA0102**SUBSYSTEM ANALYZER ALREADY ACTIVE FOR DB2=*ssid*.****Reason:**

A start CA Subsystem Analyzer request has been received by the Xmanager address space. However, initialization failed because CA Subsystem Analyzer collection is already active for the selected DB2 subsystem.

Only one CA Subsystem Analyzer collector can be active per DB2 subsystem. You cannot have multiple CA Subsystem Analyzer collectors for a single DB2 subsystem.

Action:

Ensure you have only one collection active for the selected DB2 subsystem.

PSA0103**SSANAYZE TERM IN PROGRESS FOR DB2=*ssid*.****Reason:**

CA Subsystem Analyzer collection termination is in progress for a selected DB2 subsystem.

CA Subsystem Analyzer collection executes within the Xmanager address space. The message text includes the DB2 subsystem identifier for which the CA Subsystem Analyzer collector is being terminated.

Action:

This message is informational and is written to the Xmanager joblog as well as the MVS SYSLOG.

PSA0104**SUBSYSTEM ANALYZER TERM COMPLETE FOR DB2=*ssid*.****Reason:**

CA Subsystem Analyzer collection has been successfully terminated for a selected DB2 subsystem.

CA Subsystem Analyzer collection executes within the Xmanager address space. The message text includes the DB2 subsystem identifier for which the CA Subsystem Analyzer collector has terminated.

Action:

This message is informational and is written to the Xmanager joblog as well as the MVS SYSLOG.

PSA0105

SSANALZE ABEND RECURSION DETECTED FOR DB2=*ssid*.

Reason:

CA Subsystem Analyzer has detected abend activity while in the process of processing an abend. Collection is terminated due to the failure.

Action:

None.

PSA0106

SSANALZE SUSPENDED FOR DB2 INIT OF DB2=*ssid*.

Reason:

Collection initialization has suspended waiting for DB2 initialization to be completed.

This message is issued when CA Subsystem Analyzer collection is started using MVS modify command and AUTO=YES is specified.

Action:

None.

PSA0107

SSANALZE INIT FAILED/CDMID=*mmmm* LOCATE FAILED.

Reason:

CA Subsystem Analyzer collection initialization was unsuccessful. During collection initialization, validation/locate logic has failed.

Action:

None.

PSA0108

SSANALZE COLLECTION TIME LIMIT HAS EXPIRED DB2=ssid.

Reason:

CA Subsystem Analyzer collection has determined that the time limit specified when collection was started has expired. When provided, a time limit causes collection to terminate when the time limit has been reached.

Action:

This message is informational only. Collection termination is processed subsequent to this message being received.

PSA0109

SSANALZE INIT HAS FAILED DB2=@@@@

Reason:

CA Subsystem Analyzer collection initialization for the subsystem identified has failed.

Action:

See previous messages for the reason of the failure.

PSA0110

SSANALZE INIT OF I/O ANALYSIS ERROR, DB2=@@@@

Reason:

CA Subsystem Analyzer collection initialization process for the subsystem identified incurred an error while setting up the I/O analysis process. Collection initialization continues, but problems may occur later during the collection process.

Action:

None.

PSA0111

SSANALZE CID=@@@ INIT IN PROGRESS DB2=@@@@

Reason:

CA Subsystem Analyzer collection initialization is in progress for the collection identifier (CID) specified.

Action:

None.

PSA0112

SSANALZE CID=@@@ INIT COMPLETE DB2=@@@@

Reason:

CA Subsystem Analyzer collection initialization is complete for the collection identifier (CID) specified.

Action:

None.

PSA0113

SSANALZE CID=*id* TERM IN PROGRESS DB2=*ssid* USER=*userid*

Reason:

Collection termination is in progress for the collection identifier (CID) specified.

The collection executes within the Xmanager address space. The message text includes the DB2 subsystem identifier for which the collector is being terminated and a user ID.

If the request to terminate the collection initiates from the panel, the user ID is identified with that session.

If the request to terminate the collection is received through an MVS modify command, the user ID value is CONSOLE.

If the collection terminates because the associated DB2 subsystem fails, the user ID identified as starting the collection is also identified as terminating the collection.

Action:

None.

PSA0114

SSANALZE CID=@@@ TERM COMPLETE DB2=@@@@

Reason:

CA Subsystem Analyzer collection termination is complete for the collection identifier (CID) specified.

Action:

None.

PSA0115

SSANALZE CID-CVA INIT IN PROGRESS

Reason:

CA Subsystem Analyzer collection initialization is in progress for the volume analysis process.

Action:

None.

PSA0116

SSANALZE CID=CVA INIT COMPLETE

Reason:

CA Subsystem Analyzer collection initialization is complete for the volume analysis process.

Action:

None.

PSA0117

SSANALZE CID=CVA TERM IN PROGRESS

Reason:

CA Subsystem Analyzer collection termination is in progress for the volume analysis process.

Action:

None.

PSA0118

SSANALZE CID=CVA TERM COMPLETE

Reason:

CA Subsystem Analyzer collection termination is complete for the volume analysis process.

Action:

None.

PSA0120

ERROR RETRIEVING GROUP BUFFER POOL STATS FOR @@@@, RC=@@@ RS=@@@@

Reason:

CA Subsystem Analyzer collection process received an error attempting to retrieve information regarding the specified group buffer pool structure in the coupling facility. The return and reason code supplied are returned from the IXLMG macro provided by IBM.

Action:

None.

PSA0121

ERROR RETRIEVING GROUP BUFFER POOL STATS FOR @@@@, DATA-@@@

Reason:

CA Subsystem Analyzer collection process received an error attempting to retrieve information regarding the specified group buffer pool structure in the coupling facility. The data area specified was not located.

PSA0122

ABEND=abend-code MODULE=name OFFSET=abend-offset DB2=version

Reason:

Collection has failed due to abnormal termination. CA Subsystem Analyzer error handling recovery logic has recovered from the abend and collection has been disabled.

Action:

View the joblog or MVS Syslog for additional error WTO messages.

For assistance, contact CA Support at <http://ca.com/support>.

PSA0125

SSA INITIALIZATION FAILED. PSACOExx VERIFICATION FAILED

Reason:

CA Subsystem Analyzer collection initialization failed. Possible reasons might be a conflict with OEM product or mixed level of PSA modules.

Action:

For assistance, contact CA Support at <http://ca.com/support>.

PSA0170

**SSANALZE COLLECTION INTERVAL END TIME=hh:mm INTERVAL=hh:mm DB2=xxxx
VCAT=xxxxxxxx.xxxxxxxxx DATASTORE=xxxxxxxx REL=xx**

Reason:

The collection interval is complete or terminated and externalization is active.

The following message parameters are valid:

TIME

Indicates the end time of the collection interval.

INTERVAL

Indicates the duration of the collection interval.

DB2

Indicates the SSID of the DB2 subsystem for which this collection is active.

VCAT

Indicates the high-level qualifier of the data store used to externalize collection data.

DATASTORE

Indicates the name of the data store being used to externalize collection data.

REL

Indicates the release number of the product.

Action:

None.

PSA0171

SSANALYZE COLLECTION INTERVAL END FORCED DUE TO XMANAGER STORAGE SHORTAGE, DB2=ssid

Reason:

The Xmanager has encountered a storage shortage. The message identifies the DB2 subsystem related to this collector. The current collection interval is terminated and the interval data is externalized if externalization was specified at collection start. This message is in response to Xmanager message PXM0372.

Action:

None.

Note: To determine if any action is required, see the PXM0372 message.

PSA0193

**ERROR ATTEMPTING TO READ MEMBER PSA FROM PTIPARM DATASET RETURN CODE
*nnnn***

Reason:

An unexpected error occurred while attempting to read the PSA member from the PTIPARM data set.

Action:

Verify that the PTIPARM DD is present in the Xmanager JCL. For assistance, contact CA Support at <http://ca.com/support>.

PSA0200**SSANALZE COLLECTION MODIFY IN PROGRESS.****Reason:**

A MVS modify request has been received for CA Subsystem Analyzer collection.

Action:

This message is informational. It indicates the request was received and is about to be processed. The modify command is processed and additional messages are issued by the modify request process routine.

PSA0201**SSANALZE MODIFY FAILED/COLLECTION ACTIVE OR PENDING.****Reason:**

A modify request to start CA Subsystem Analyzer collection was ignored because collection for the DB2 SSID was already active or was pending for the DB2 subsystem to become active.

Action:

Terminate CA Subsystem Analyzer collection before issuing the start modify request if collection is already active or wait for the DB2 subsystem to become active.

PSA0202**SSANALZE MODIFY FAILED/ASYNCH ABEND INCURRED.****Reason:**

The CA Subsystem Analyzer collection modify request has failed because an abend was incurred while the request was being processed.

PSA0203**SSANALZE MODIFY FAILED/COLLECTION NOT ACTIVE.****Reason:**

A modify request to CA Subsystem Analyzer collection has failed because collection for the DB2 SSID was not active.

Action:

Collection for the SSID must be active for the modify request to be processed.

PSA0204

SSANALZE MODIFY FAILED/INVALID KEYWORD LOCATED.

Reason:

The CA Subsystem Analyzer collection modify request has failed because an invalid keyword was located.

Action:

Correct the modify command text and reissue the modify command.

PSA0205

SSANALZE MODIFY FAILED/KEYWORD NOT FOUND KEY=keyword.

Reason:

The CA Subsystem Analyzer collection modify request has failed because an invalid keyword was located.

Action:

Correct the modify command text and reissue the modify command.

PSA0207

SSANALZE MODIFY FAILED/DATALEN ERROR KEY=keyword.

Reason:

The message text indicates that the modify command text contained a keyword operand value with an invalid length. The failing keyword is provided in the message text.

Action:

Correct the keyword operand and reissue the modify request.

PSA0208

SSANALZE MODIFY FAILED/DATA OUT OF RANGE KEY=keyword.

Reason:

The message text indicates that the modify command text contained a keyword operand value that was out of range and therefore invalid. The failing keyword is provided in the message text.

Action:

Correct the keyword operand and reissue the modify request.

PSA0209

SSANALZE MODIFY FAILED/DATA IS INVALID KEY=keyword.

Reason:

The message text indicates that the modify command text contained a keyword operand value that was determined to be invalid. The failing keyword is provided in the message text.

Action:

Correct the keyword operand and reissue the modify request.

PSA0210

SSANALZE MODIFY FAILED DUE TO ERROR.

Reason:

The message text indicates that the modify command failed and was not executed due to one or more errors. Additional messages have been issued indicating the reason for failure.

Action:

Correct the modify command text and reissue the request.

PSA0211

SSANALZE MODIFY FAILED/DATASTORE DOES NOT EXIST.

Reason:

The message text indicates that the modify command failed because the data store name in the modify command text does not exist.

Action:

Correct the modify command data store name and reissue the request.

PSA0212

SSANALZE MODIFY FAILED/CONTROL FILE NOT FOUND.

Reason:

The message text indicates that the modify command failed. This message is issued when CA Subsystem Analyzer collection modify command processing has failed due to problems locating control file information.

Action:

Verify the control file in use is correct.

For assistance, contact CA Support at <http://ca.com/support>.

PSA0213

SSANALZE MODIFY FAILED/CONTROL FILE ALLOC ERROR.

Reason:

The message text indicates that the modify command failed because a control file allocation error was incurred. An additional message relating to the allocation error should have been issued.

Action:

Verify the control file in use is correct.

PSA0215**SSANALZE MODIFY FAILED/CONTROL FILE OPEN ERROR.****Reason:**

The message text indicates that the modify command failed due to a control file open error. An additional message relating to the open error should have been issued.

Action:

Verify the control file in use is correct.

PSA0216**SSANALZE MODIFY FAILED/CONTROL FILE IS FULL.****Reason:**

The message text indicates that the modify command failed because the control file is full.

The control file needs to be reallocated to a larger size.

Action:

To reallocate the control file:

1. Create a new control file using a different control file name.
2. Use IDCAMS repro to copy the old control file contents to the new control file.
3. Rename the old control file to a new (backup) name.
4. Rename the new control file to the previous control file name.
5. Terminate and restart the Xmanager address space.

PSA0217**SSANALZE MODIFY FAILED/CONTROL FILE WRITE ERROR.****Reason:**

The message text indicates that the modify command failed due to a control file write error. An additional message relating to the write error should have been issued.

Action:

Verify that the control file in use is correct.

PSA0218

DATASTORE INIT CONTROL FILE UPDATE FAILED DUE TO ERROR: errorid.

Reason:

The message text indicates that the modify command failed due to a control file update error. An additional message relating to the update error should have been issued.

Action:

Verify that the control file in use is correct.

PSA0219

SSANALZE DATASTORE=dstname INIT COMPLETE DB2=ssid.

Reason:

Indicates CA Subsystem Analyzer collection has successfully performed initialization of the data store for collection use.

Action:

This message is informational only. It is followed by additional messages related to collection initialization.

PSA0220

SANALZE VOLUME ANALYSIS Q/LOOP DETECTED VOL=xxxxxx

Reason:

This message is issued if more than 1000 I-O requests are found queued off of a single volume.

Action:

None.

PSA0222**Volume Analysis Q/Loop Detected.****Reason:**

This message is issued if the CA Subsystem Analyzer volume activity monitor detects a single DASD volume with more than 500 queued I/O requests. Requests in excess of 500 are not included in the CA Subsystem Analyzer volume statistics.

Action:

If you receive this message repeatedly, contact Technical Support.

PSA0230**CONTROL FILE DATASET NAME IS INVALID OR NOT FOUND****Reason:**

The control file data set name contained in member SACFPARM within the Xmanager CDBAPXMP data set does not exist (or the name is invalid). The control file is created when the program is installed.

Action:

Browse the CDBAPXMP data set contained in the Xmanager started task JCL. Determine whether the data set name contained within the member is valid. If the data set has been deleted, attempt to restore the data set if possible.

PSA0231**SSANALZE CONTROL FILE ALLOCATE FAILED RC=rc****Reason:**

Dynamic allocation of the control file data set failed. The message text includes the SVC99 error reason code.

Action:

Look up the reason for the allocation failure in the IBM *Application Development Guide: Authorized Assembler Language Programs (System Macros and Facilities for MVS/XA)* manual.

PSA0233

CONTROL FILE OPEN FAILED

Reason:

MVS OPEN processing for the control file failed. The control file is created when the program is installed. Member SACFPARM in the Xmanager CDBAPXMP data set contains the control file data set name in use.

Action:

Check the Xmanager job log and MVS SYSLOG for additional error messages regarding the error. A message indicating the MVS OPEN error should have been issued using WTO.

PSA0234

ERROR UPDATING SSANALZE CONTROL FILE, DELETE NOT PROCESSED

Reason:

An error occurred during an attempt to update the control file.

PSA0235

SSANALZE CONTROL FILE UPDATE FAILED, DATASET FULL

Reason:

The requested operation failed because the control file is full.

Action:

For information about creating and copying the control file, see the product documentation.

PSA0236

SSANALZE CONTROL FILE UPDATE FAILED DUE TO VSAM ERROR

Reason:

An error occurred during an attempt to update the control file.

PSA0237

DATASTORE *datastore name* IN USE, DELETE NOT PROCESSED

Reason:

A delete request failed because the datastore is in use by an active collection.

Action:

None.

PSA0238

DATASTORE *datastore name* IN USE

Reason:

A copy request failed because the target datastore is in use by an active collection.

Action:

None.

PSA0239

DATASTORE *datastore name* FOR SSID *ssid* NOT FOUND

Reason:

The specified datastore could not be found in the control file. An invalid datastore name might have been specified, or the datastore might have been deleted.

Action:

Choose a datastore name from names available on the datastore display screens, and then retry the operation.

PSA0300

INTERVAL CONTROL ERROR RPLREQ=X'aa' RPLRTNCD='aa' RPLERRCD=X'aa' DSID=nn DB2=ssid.

Reason:

Indicates collection externalization to the data store has incurred a interval control VSAM error.

PSA0301

INSERT ERROR, RPLREQ=X'rplreq', RPLRTNCD=X'rplrtncd', RPLERRCD=X'rplerrcd', DB2=ssid.

Reason:

A VSAM write error was incurred during CA Subsystem Analyzer collection externalization processing. The message text includes the VSAM request type, return code, error code, and DB2 subsystem ID.

Action:

Attempt to understand and resolve the problem based on information provided in the message.

PSA0302

DATASTORE DATASET IS FULL DSID=nn DB2=ssid.

Reason:

This message is issued when a data store data set becomes full and the data set could not be extended. When this message occurs, collection remains active, but externalization to the data store data set is suspended.

The message identifies the data store data set ID that is full.

Action:

Create a new data store with increased space. Terminate collection and restart it with the new data store name. You can still reference the old data store data, but if it is no longer needed, delete the old data store.

PSA0303

CONTROL GET ERROR RPLREQ=X'aa' RPLRTNCD=X'aa' RPLERRCD=X'aa' DSID=nn DB2=ssid.

Reason:

Indicates that collection externalization to the data store has incurred a VSAM GET error while reading data store control information.

PSA0304

**INTERVAL GET ERROR RPLREQ=X'aa' RPLRTNCD=X'aa' RPLERRCD=X'aa' DSID=nn
DB2=ssid.**

Reason:

Indicates that collection externalization to the data store has incurred a VSAM GET error while reading data store interval information.

PSA0305

UPDATE ERROR RPLREQ=X'aa' RPLRTNCD=X'aa' RPLERRCD=X'aa' DSID=nn DB2=ssid.

Reason:

Indicates that collection externalization to the data store has incurred a VSAM PUT/UPDATE error while updating data store data records.

PSA0306

**INTERVAL UPDATE ERROR RPLREQ=X'aa' RPLRTNCD=X'aa' RPLERRCD=X'aa' DSID=nn
DB2=ssid.**

Reason:

Indicates that collection externalization to the data store has incurred a VSAM PUT/UPDATE error while updating interval information.

PSA0307

SSANALZE ALLOCATE FAILED S99ERROR=X'aaaa' S99INFO=X'aaaa' DSID=nn DB2=ssid.

Reason:

Indicates that an allocation error has been incurred on one of the data store data sets. The message ID contains the data store data set identifier that incurred the error.

Action:

Attempt to determine the cause of the allocation failure.

PSA0308

SSANALZE OPEN FAILED RC=X'aa' ACBERFLG=X'aa'DSID=nn DB2=ssid.

Reason:

This message indicates that an open error has been incurred on one of the data store data sets. The message ID contains the data store data set identifier that incurred the open error.

Action:

Attempt to determine the cause of the open error.

PSA0309

SSANALZE ALLOC FAILED DATASTORE DATASET DOES NOT EXIST DSID=nn DB2=ssid.

Reason:

Indicates that a data store data set owned by the data store does not exist. This may indicate the data set was deleted outside of CA Subsystem Analyzer. Verify the proper data store name is being used.

Action:

Determine if the data set can be restored. If you are unable to locate the data set, you must create a new data store.

PSA0311

DATASTORE VALIDATION FAILED/VERSION vv.vv INCOMPATIBLE WITH SSANALZE VERSION IN USE.

Reason:

The data store specified for use is incompatible with the version of CA Subsystem Analyzer being executed.

Action:

The data store may only be used with a compatible version of CA Subsystem Analyzer. If you have just installed a new level of CA Subsystem Analyzer, you must create and use a new data store with the new version.

PSA0312

DATASTORE REQUEST FAILED RPLREQ=X'aa' RPLRTNCD=X'aa' RPLERRCD=X'aa'.

Reason:

A request to access the data store has failed due to a VSAM related error.

Action:

Try the request again.

PSA0313

DATASTORE READ OPEN ERROR, RC=X'rc' ACBERFLG=X'aa'.

Reason:

A request to open a data store data set has failed due to a MVS OPEN error on the data set.

Action:

Try the request again.

PSA0315

DB2 SUBSYSTEM ssid IS INVALID OR NOT ACTIVE.

Reason:

The subsystem associated with the SSID specified in the SYSIN input parameters to the batch reporting facility is invalid or not currently active.

Action:

Ensure that the SSID value is correct in the SYSIN and that the subsystem is active and rerun the job.

PSA0316

DATASTORE DSN IS UNAVAILABLE, DSN=dsname.

Reason:

The data store specified in the SYSIN input parameters to the CA Subsystem Analyzer batch reporting facility is unavailable.

PSA0317

DATASTORE DSN IS INVALID, DSN=dsname.

Reason:

The data store name specified in the SYSIN input parameters to the CA Subsystem Analyzer batch reporting facility is invalid.

Action:

Check the input information with the data store information located on the CA Subsystem Analyzer Datastore Display for the specified SSID. Be sure to check the VCAT (or HLVL) for the data store.

PSA0318

DATASTORE DSN ALLOCATION FAILED, DSN=dsname.

Reason:

The CA Subsystem Analyzer batch reporting facility has failed to allocate the data store data set.

Action:

Attempt to resolve the allocation failure. Examine the WTO messages received to help determine the cause of the failure.

PSA0319

DATASTORE DSN IS EMPTY, DSN=dsname.

Reason:

The data store specified in the SYSIN input parameters to the CA Subsystem Analyzer batch reporting facility is empty.

Action:

Check the input information with the data store information located on the CA Subsystem Analyzer Datastore Display for the specified SSID. Be sure to check the VCAT (or HLVL) for the data store.

PSA0320**AUTHORIZATION FAILED FOR *function* DB2=ssid.****Reason:**

A request to access a product function was rejected because the user is not authorized.

If the EXTERNALSEC parameter in the PDT parmlib member is N or omitted, the user has not been granted authorization to the corresponding product plan from the Product Authorizations dialog.

If the EXTERNALSEC parameter is Y and the user cannot access the requested product function, the user has not been granted access to the corresponding SAF resource by the security administrator.

Action:

Obtain the appropriate authorization and retry the request.

PSA0321**OPEN FAILED FOR SYSREC DATASET, UNLOAD BYPASSED.****Reason:**

The batch reporting facility is unable to open the SYSREC data set that will contain the unload data store information.

Action:

Check your JCL to verify that you have specified a valid SYSREC DD card as requested in the batch reporting facility documentation.

PSA0322**OPEN FAILED FOR SYSREC DATASET, BAD LRECL, UNLOAD BYPASSED.****Reason:**

The batch reporting facility is unable to open the SYSREC data set because of an invalid LRECL.

Action:

Check your JCL to verify that you have specified a valid LRECL for the SYSREC data set.

PSA0323

INVALID VALUE FOR parameter PARAMETER, USING DEFAULT.

Reason:

You specified an invalid value for the parameter identified in the message. The default value will be used.

Action:

Ensure that the value has been entered correctly and rerun batch reporting if necessary.

PSA0324

UNSUPPORTED REPORT FILTER FOR THIS REPORT, FILTER WILL BE IGNORED, FILTER=filter.

Reason:

You specified an unsupported report filter for this report.

Action:

Ensure that the filter is spelled correctly and that it is a supported filter for this report. Rerun batch reporting if necessary.

PSA0325

AUTHORIZATION CHECK FAILED FOR *function* DB2=ssid REASON='XXXXXXXXX'.

Reason:

A request to access a product function failed due to an unexpected error.

Action:

For assistance, contact CA Support at <http://ca.com/support>.

PSA0330

XMANID INVALID ON EXEC PARM

Reason:

You specified an invalid Xmanager ID on the EXEC statement when invoking CA Subsystem Analyzer batch reporting.

Action:

Ensure that the XMANID is four numeric characters.

PSA0331**WARNING, NO DATA FOR SELECTION CRITERIA.****Reason:**

There is no data for the selection criteria.

Action:

Ensure that the data store contains collection data.

PSA0332**OPEN FAILED FOR SYSPRINT DATASET.****Reason:**

The batch reporting facility is unable to open the SYSPRINT data set that will contain the batch reporting facility output.

Action:

Check your JCL to verify that you have specified a valid SYSPRINT DD card as requested in the batch reporting facility documentation.

PSA0333**OPEN FAILED FOR SYSPRINT DATASET, INVALID LRECL.****Reason:**

The batch reporting facility is unable to open the SYSPRINT data set because of an invalid LRECL.

Action:

Check your JCL to verify that you have specified a valid LRECL for the SYSPRINT data set.

PSA0334**OPEN FAILED FOR dataset_type DATASET.****Reason:**

The batch reporting facility is unable to open the SYSIN or the SYSOUT data set for batch reporting as identified in the error message.

Action:

Check your JCL to verify that you have specified a valid DD card as requested in the batch reporting facility documentation.

PSA0335

**UNRECOGNIZED INPUT PARAMETER SPECIFIED, PARAMETER WILL BE IGNORED,
PARAMETER=parameter**

Reason:

The batch reporting facility encountered an unrecognized parameter in the SYSIN cards. The parameter will be ignored.

Action:

Check the input card and see the batch reporting facility documentation to determine valid input information. Correct the SYSIN information and rerun the facility.

PSA0337

UNSUPPORTED SORT COLUMN SPECIFIED, USING DEFAULT, COLUMN=column.

Reason:

The batch reporting facility encountered an unsupported sort column and will use the default sort column.

Action:

Check the input card and see the batch reporting facility documentation to determine valid input information. Correct the SYSIN information and rerun the facility.

PSA0338

UNRECOGNIZED CONTENT VALUE WILL BE IGNORED, CONTENT =value.

Reason:

The batch reporting facility encountered an unrecognized content value in the SYSIN cards.

Action:

Check the input card and see the batch reporting facility documentation to determine valid input information. Correct the SYSIN information and rerun the facility.

PSA0339

UNSUPPORTED FORMAT TYPE SPECIFIED, USING DEFAULT, FORMAT=type.

Reason:

The batch reporting facility encountered an unsupported format type and will use the default type of SUMMARY.

Action:

Check the input card and see the batch reporting facility documentation to determine valid input information. Correct the SYSIN information and rerun the facility.

PSA0340

UNSUPPORTED REPORT NAME SPECIFIED, REPORT=name.

Reason:

The batch reporting facility encountered an unsupported report name.

Action:

Check the input card and see the batch reporting facility documentation to determine valid input information. Correct the SYSIN information and rerun the facility.

PSA0341

SSANALZE DATASTORE NAME NOT FOUND IN INPUT CARD PARAMETERS.

Reason:

The batch reporting facility did not find a data store name in the input cards.

Action:

Check the input cards and see the batch reporting facility documentation to determine valid input information. Correct the SYSIN information and rerun the facility.

PSA0342

DB2 SUBSYSTEM ID NOT FOUND IN INPUT CARD PARAMETERS.

Reason:

The batch reporting facility did not find a DB2 subsystem ID in the input cards.

Action:

Check the input cards and see the batch reporting facility documentation to determine valid input information. Correct the SYSIN information and rerun the facility.

PSA0343

XMANAGER IS NOT ACTIVE.

Reason:

The Xmanager associated with the XMANID specified in the batch reporting facility is not currently active. The batch reporting facility requires the Xmanager started task to be active to access the data store.

Action:

Start the Xmanager started task and rerun the facility.

PSA0344

INTERNAL PROCESSING ERROR, SSWA NOT SET.

Reason:

The batch reporting facility encountered an internal error.

PSA0345

UNSUPPORTED COLUMN IN SORT INPUT CARD FOR THIS REPORT, USING DEFAULT, COLUMN=column.

Reason:

The batch reporting facility encountered an unsupported column specified as the sort column for this report and will use the default sort column.

Action:

Check the input card and see the batch reporting facility documentation to determine valid input information. Correct the SYSIN information and rerun the facility.

PSA0346

INVALID *type* FILTER - *filter*

Reason:

The batch reporting facility encountered an invalid DATE or TIME report selection filter in the SYSIN cards. See the batch reporting facility documentation to determine valid TIME or DATE filter formats.

Action:

Correct the SYSIN card and rerun the facility.

PSA0347

**CONTINUED CONTROL CARD EXCEEDS MAXIMUM NUMBER OF CHARACTERS -
parameter.**

Reason:

The batch reporting facility encountered a report parameter that exceeded the maximum number of continuations. A report parameter may be continued onto a total maximum of 100 input records.

Action:

Correct the SYSIN information and rerun the facility.

PSA0360

COMPRESSION DICTIONARY *name* LOAD FAILED, R0=xxxxxxx R15=xxxxxxx

Reason:

The load of the CA Subsystem Analyzer compression dictionary failed during collection initialization. The collection initialization is terminated. The message contains the name of the compression dictionary load module and the register contents from the failing load.

Action:

For assistance, contact CA Support at <http://ca.com/support>.

PSA0361

EXPANSION DICTIONARY *name* LOAD FAILED, R0=xxxxxxx R15=xxxxxxx

Reason:

The load of the CA Subsystem Analyzer expansion dictionary failed during collection initialization or during a user request to view collection data. The collection initialization or user request is terminated. The message contains the name of the expansion dictionary load module and the register contents from the failing load.

Action:

For assistance, contact CA Support at <http://ca.com/support>.

PSA0362

ERROR UPDATING DATASTORE CONTROL INFORMATION
REASON=@@@@@@@@@ DSID=@@ DB2=@@@@

Reason:

Collection externalization to the data store incurred a VSAM UPDATE error while updating the data store control record.

Action:

If you cannot determine the cause of the failure, contact CA Support.

PSA0367

ERROR UPDATING DATASTORE INTERVAL RECORD DSID=@@ DB2=@@@@

Reason:

Collection externalization to the data store incurred a VSAM UPDATE error while updating the data store interval information.

Action:

If you cannot determine the cause of the failure, contact CA Support.

PSA0368

ERROR READING DATASTORE CONTROL INFORMATION DSID =@@ DB2=@@@@

Reason:

Data store validation failed. The SSID of the data store does not match the CA Subsystem Analyzer SSID in use.

Action:

If you cannot determine the cause of the failure, contact CA Support.

PSA0369

ERROR READING DATASTORE INTERVAL RECORD DSID=@@ DB2=@@@@

Reason:

Collection externalization to the data store incurred a VSAM GET error while reading data store interval information.

Action:

If you cannot determine the cause of the failure, contact CA Support.

PSA0601**DB2 SSID IS INVALID OR NOT ACTIVE****Reason:**

An offline request was made to create a CA Subsystem Analyzer data store for an inactive or invalid DB2 subsystem.

Action:

Correct the SSID control card in the data store create request or start the DB2 subsystem for which the data store is being created.

PSA0602**XMANAGER IS NOT ACTIVE; REQUEST IGNORED****Reason:**

An offline request was made to create a CA Subsystem Analyzer data store for an inactive or invalid XMANAGER task.

Action:

Start the XMANAGER task or correct the XMANID control Card in the data store create request.

PSA0603**REQ FAILED; ABEND INCURRED; RECOVERY SUCCESSFUL****Reason:**

An offline request was made to create a CA Subsystem Analyzer data store. The create data store request failed with an abend.

Action:

Examine the associated messages to determine the cause of the failure.

PSA0634

OPEN FAILED FOR @@@@ DATASET

Reason:

An offline request was made to create a CA Subsystem Analyzer data store. The request failed because DATASET @@@@ could not be accessed.

Action:

Examine the associated messages to determine the cause of the failure.

PSA0640

DATASTORE NAME ALREADY EXISTS; SPECIFY UNIQUE NAME

Reason:

An offline request was made to create a CA Subsystem Analyzer data store that already exists.

Action:

Use the current data store, as is, or change the DST (data store) or VCAT control cards in the request to create a new data store.

PSA0644

DATASTORE INIT FAILED; ERROR RELATED WTO ISSUED

Reason:

An offline request was made to create a CA Subsystem Analyzer data store that failed.

Action:

This message directs the user to view the information in the Joblog to gather additional information on the reason the data store initialization failed.

PSA0651**CONTROL FILE HAS NOT BEEN INITIALIZED****Reason:**

Indicates an error during batch datastore utility execution, PSADSALC. This error can occur when the SACFPARM member within *high-level.CDBAPXMP* contains a CDSN specification but the actual PSA control file VSAM data set was not allocated as expected. Other possible reasons may be that the SACFPARM member does not exist in *high-level.CDBAPXMP* or it exists but does not contain a valid CDSN entry or is blank or empty.

Action:

Review and correct your settings.

PSA0700**ALLOC FAILED ID=dsnid S99INFO=X'aaaa' S99ERROR=X'aaaa'.****Reason:**

A data set dynamic allocation request has failed. The message text includes an internal data set identifier that describes the data set incurring the error, the SVC99 information, and error data contents.

Action:

Attempt to resolve the allocation message.

PSA0701**DEALLOC FAILED ID=dsnid S99INFO=X'aaaa' S99ERROR=X'aaaa'.****Reason:**

A data set dynamic deallocation request has failed. Message text includes an internal data set identifier that describes the data set incurring the error, the SVC99 information, and error data contents.

Action:

Attempt to resolve the deallocation message.

PSA0702

OPEN FAILED ID=dsnid RC=X"rc" ACBERFLG=X'aa'.

Reason:

A data set OPEN request has failed. Message text includes an internal data set identifier that describes the data set incurring the OPEN error, the OPEN return code, and ACB error flag contents.

Action:

Attempt to resolve the OPEN error.

PSA0703

PUT FAILED ID=dsnid RPLRTN=X'aa' RPLERR=X'aa'.

Reason:

A data set PUT request has failed. Message text includes an internal data set identifier that describes the data set incurring the PUT error, the RPL return code, and RPL error flag contents.

Action:

Attempt to resolve the PUT error.

PSA0704

SSANALZE CONTROL FILE INIT HAS FAILED.

Reason:

Initialization of the CA Subsystem Analyzer control file during Xmanager initialization has failed. During Xmanager initialization, CA Subsystem Analyzer exit processing derives the control file name to be used from the Xmanager CDBAPXMP data set, member name SACFPARM. Indicates there was a problem locating the member name or the member contents were invalid. The member is placed into the CDBAPXMP data set when the control file is created during the installation process.

Action:

Verify the CDBAPXMP Xmanager data set contains the SACFPARM member. Examine its contents. Terminate and restart the Xmanager address space.

For assistance, contact CA Support at <http://ca.com/support>.

PSA0705

CONTROL FILE WRITE ERROR RPLREQ=X'aa' RPLRTNCD=X'aa' RPLERRCD=X'aa'.

Reason:

Indicates a VSAM write error was incurred on the control file. Message contains the VSAM RPL diagnostic data at the time of error.

PSA0806

SSANALZE CTHREAD FAILED/PLAN NOT FOUND OR NOT AUTHORIZED DB2=ssid

Reason:

A DB2 thread could not be created for the task that locates the DB2 table name based on the DB2 object ID, the required plan was not defined to the DB2 subsystem, or the user ID for the XMANAGER started task was not authorized to execute the plan. This message identifies the DB2 subsystem for which the CA Subsystem Analyzer collector is being started.

Action:

Verify that the CA Subsystem Analyzer primary plan is available and that the authorization is correct. The planname is specified in the issuance of the \$START (SSA) with the PLAN(xxxxxxx) parameter or in the PLANSxx parmlib member. Verify that the user ID for the XMANAGER started task is authorized to execute the CA Subsystem Analyzer primary plan.

PSA0807

SSANALZE CTHREAD FAILED/PLAN NOT AUTHORIZED DB2=ssid.

ssid = The DB2 subsystem for which a collection start has been requested.

Reason:

A DB2 thread could not be created for the task which locates the DB2 table name based on the DB2 object ID, due to authorization.

Action:

Ensure that the user ID for the XMANAGER started task is authorized to execute the CA Subsystem Analyzer primary plan.

PSA0808

MSGTXT='TABLE LOCFAIL SQLCODE=xxx DB=xxxxxxxx TS=xxxxxxxx TBID=xxxx DB2=ssid

Reason:

Indicates that a request to locate the Creator and Tablename for table TBID failed with an unexpected SQLCODE.

Action:

This message may be due to maintenance or a new installation with the CA Subsystem Analyzer plan PSAAxix not rebound in the DB2 subsystem that is being monitored by CA Subsystem Analyzer.

For assistance, contact Technical Support at <http://ca.com/support>.

PSA0811

SSANALZE CTHREAD FAILED/DB2 IS TERMING DB2=ssid

Reason:

A DB2 thread could not be created for the task that locates the DB2 table name based on the DB2 object ID because the DB2 subsystem is terminating. This message identifies the DB2 subsystem for which the CA Subsystem Analyzer collector is being started.

Action:

Restart the CA Subsystem Analyzer collector once the DB2 subsystem is started.

PSA0815

SSANALZE SDUMP CAPTURE COMPLETE DB2 DP2E RETURN CODE 00 REASON 00

Reason:

SSANALYZE collection failed due to abnormal termination. Error handling recovery logic has recovered from the abend. SSANALYZE collection has been disabled.

Action:

View the joblog or z/OS syslog for additional error WTO messages.

PSA0820

TABLE LOCFAIL SQLCODE=-805. REASON xx DB=xxxxxxxx TS=xxxxxxxx TBID=xxxxx DB2=xxxxx".

Reason:

Indicates that a request to locate the Creator and Tablename for table TBID failed with an -805 SQLCODE.

Action:

This message may be due to maintenance or a new installation with the Subsystem Analyzer plan PSAAxix not rebound in the DB2 subsystem being monitored by Subsystem Analyzer.

PSA1020

COLLECTION STATUS PROPIGATION FAILED - *reason*.

Reason:

Indicates that an attempt to communicate active collection status to the Xmanager sysplex group members failed. *reason* is the reason for the failure.

PSA1021

COLLECTION STATUS PROPIGATION RESUMED.

Reason:

Indicates that CA Subsystem Analyzer resumed communication of active collection status to the Xmanager sysplex group members.

Action:

None.

PSA1022

REQUEST HAS FAILED. CROSS SYSTEM ERROR.

Reason:

Indicates that CA Subsystem Analyzer request has failed due to a Xmanager cross systems communication error.

PT Messages

Messages with the PT prefix are generated from general facilities used by several products, including: CA Fast Check, CA Fast Index, CA Fast Load, CA Fast Recover, CA Fast Unload, CA LogCompress, CA Merge/Modify, CA Quick Copy, and CA Rapid Reorg.

PT000E

NOT ENOUGH MEMORY TO CONTINUE PROCESSING, APPLICATION TERMINATED.

Reason:

CA products require more memory to continue processing.

Action:

Increase your region size.

PT001E

INVALID COMMAND.

Reason:

You have entered an invalid command.

Action:

You can enter a question mark (?) from any screen's command line to display a list of valid commands. Entering another question mark next to the command in question will give you syntax information.

PT002E

TOO MANY OPERANDS.

Reason:

You have specified a valid scrolling command, but have specified too many operands. If you are specifying a column name that includes a space, you must enclose the name in single quotation marks so that the scrolling routine knows that the column name is the whole string.

Action:

You can enter a question mark (?) to get a list of valid commands. Entering another question mark next to the command in question will give you syntax information.

PT003E**PUT STRING IN QUOTES.****Reason:**

The input character parameter needs to be enclosed in quotes.

Action:

Enclose the string in quotes and try again.

PT004E**NO OPERANDS ALLOWED.****Reason:**

No operands are allowed for the command you have entered. The MELT command is an example of commands that do not allow operands. This is because MELT pertains to all columns, not a specified column.

PT005E**REQUIRED OPERAND MISSING.****Reason:**

You must include one of the partitions selected by the utility you are attempting to terminate using PART(n). The PART(n) requirement prevents global deletes since rows can be in the table for the same database or tablespace but different partitions.

Action:

Specify PART(0) for a non-partitioned object. PART(0) signifies that ALL of the partitions have been selected or that NO partitions have been selected.

PT006E**REQUEST NOT SUPPORTED BY APPLICATION.****Reason:**

The requested function is not supported by the current application.

Action:

See the product documentation for information on supported functions.

PT007E

SAME DELIMITER MUST BE USED FOR END OF STRING.

Action:

Use the same delimiter for the beginning and ending delimiter. For example, use single quotation marks.

PT008E

COLUMN NAME NOT FOUND.

Reason:

You have entered a scrolling command that requires a column name and the column you have specified cannot be found on the current scrollable list.

Action:

Ensure that you have entered the column name correctly. If the column name contains spaces, you must enclose the column name in single quotation marks.

PT009E

COLUMN NAME NOT UNIQUE.

Reason:

You have entered a scrolling command that requires a column name and the column you have specified cannot be uniquely identified by the string you have entered. For example, if there are two columns, COL1A and COL2A, you could not use the string COL to represent column because the name would not be unique and the product would not know which column to use.

Action:

You must specify enough of the name to make it unique, for example, COL1 and COL2.

PT010E

COLUMN ALREADY FROZEN.

Reason:

You have entered the FREEZE command on a column that is already frozen.

Action:

To unfreeze a single column, use the UNfreeze command. To unfreeze all frozen columns, use the MELT command.

PT011E**REQUEST NOT SUPPORTED FOR THIS COLUMN.****Reason:**

You have specified a scrolling command for a column that does not support this command. For example, object selection lists do not support the UNfreeze command for the object name column.

PT012E**COLUMN NOT FROZEN.****Reason:**

You have entered the UNfreeze command for a column that is not frozen or have entered to MELT command when no columns are frozen.

PT013E**INVALID SORT OPERAND.****Reason:**

An invalid SORT operand has been entered.

PT014W**ALREADY AT TOP.****Reason:**

You have requested to scroll UP, but the scrollable list is already at the top.

PT015W**ALREADY AT LEFT.****Reason:**

You have requested to scroll LEFT, but the scrollable list is already all the way to the left.

PT016W**ALREADY AT RIGHT.****Reason:**

You have requested to scroll RIGHT, but the scrollable list is already all the way to the right.

PT017E

NOT ENOUGH ROOM TO FREEZE COLUMN.

Reason:

The FREEZE command locks a column's place on the display. You can freeze as many columns that can fit on the screen. You cannot freeze a column if there is no room on the screen (because other columns are frozen). PT017E displays when you request to freeze a column and there is no room to display it.

Action:

You must UNfreeze columnS to make room for the column you want to freeze.

PT018E

COLUMN NOT LARGE ENOUGH TO CONTAIN STRING.

Reason:

You have entered the FIND command with a string that is longer than the specified column's length. For example, you have entered FIND 'A234567' NAME and NAME's length is 4.

Action:

You can correct the string and search again, or do a global search by removing the column name.

PT019I

BOTTOM OF DATA REACHED.

Reason:

You have entered the FIND command, and the scrolling routine reached the bottom of the data without finding the string. You can try the search again from the top of the list.

PT020E

NOT ENOUGH UNFROZEN SCREEN TO DISPLAY COLUMN.

Reason:

You have entered the FIND command for a column that is not currently displayed. This column cannot be displayed because the frozen columns are taking up too much of the screen.

PT021W

ENTER A FIND COMMAND.

Reason:

The RFIND command was entered without a previous FIND command.

PT022I

STRING FOUND.

Reason:

You have entered the FIND command and it was successful. The cursor moves to the first character of the string you searched for.

PT023W

STRING string NOT FOUND.

Reason:

You have entered the FIND command and the search has not been successful. You may have typed the string incorrectly. If the string is correct, try the search again from the beginning of the scrollable list.

PT024W

STRING FOUND BUT NOT VISIBLE ON SCREEN.

Reason:

You have entered the FIND command and the search has been successful. However, the string was found in a column that is not currently displayed. This column cannot be displayed because the frozen columns are taking up too much of the screen.

PT025W

ALREADY POSITIONED AT FIRST ITEM.

Reason:

You pressed PF7 to scroll to the previous item, but the first item is already displayed.

Action:

Use PF10 to scroll to the top of the item.

PT026W

ALREADY POSITIONED AT LAST ITEM.

Reason:

You pressed PF8 to scroll to the next item, but the last item is already displayed.

Action:

Use PF11 to scroll to the bottom of the item.

PT027W

ALREADY AT TOP OF ITEM.

Reason:

You pressed PF10 to scroll to the top of the item, but the item was already at the top.

Action:

Use PF7 to scroll to the previous item.

PT028W

ALREADY AT BOTTOM OF ITEM.

Reason:

You pressed PF11 to scroll to the bottom of the item, but the item was already at the bottom.

Action:

Use PF8 to scroll to the next item.

PT029I**USE PF10/11 FOR UP/DOWN WITHIN DATA ITEM.****Reason:**

Some scrollable lists, such as RC/QUERY Detail reports have data items that are larger than a single screen can display. For such lists, you use PF7/8 to scroll through the list, from item to item.

Action:

Use PF10/11 to scroll within the item. For example, if there are two Table Detail reports, one for table DEPT and one for table EMP, you would use PF7/8 to scroll within the Table Detail report for DEPT or EMP. Use the PF10/11 to scroll within the DEPT report or within the EMP report.

PT030E**INVALID COMMAND HAS BEEN ENTERED, PLEASE CORRECT.****Reason:**

You have entered an invalid command.

Action:

You can enter a question mark (?) from any screen's command line to display a list of valid commands.

PT031E**SUM OF COLUMN SIZES EXCEEDS MAXIMUM ROWSIZE, PLEASE CORRECT.****Reason:**

The sum of the lengths of the columns you have specified exceeds 4056 bytes, the maximum rowsize (for a 4K page).

Action:

You must change the lengths of the columns so that the sum does not exceed 4056.

PT032E

ENTER "S", A VALID RC/QUERY OPTION, OR "?" FOR RC/QUERY MENU.

Reason:

You have entered an invalid selection option on an object selection list.

Action:

Enter "S" to select the object for the current function, or enter a valid RC/QUERY report option. For a list of valid RC/QUERY report options, enter a question mark (?) in the selection field.

PT033E

NOT ENOUGH MEMORY TO CONTINUE PROCESSING.

Reason:

CA products require more memory to continue processing.

Action:

Increase the region size.

PT034E

SOME TYPE CONVERSIONS WERE INVALID AND HAVE BEEN RESET.

Reason:

Some column type conversions are invalid. The data type has been reset to its original type.

PT035I

LIMIT VALUES ASSOCIATED WITH MODIFIED KEY COLUMNS MUST BE RESPECIFIED.

Reason:

The data type of a key column has changed. Limit keys must be changed to reflect the new data types.

PT036I

A PRIMARY KEY DOES NOT CURRENTLY EXIST FOR THIS TABLE.

Reason:

A primary key column has not been specified for this table.

Action:

Specify a primary key column.

PT037I

THERE ARE NO COLUMNS IN THIS TABLE.

Reason:

Currently, there are no columns defined for this table.

Action:

You must define columns for the table.

PT038I

THERE ARE NO COLUMNS IN THIS TABLE.

Reason:

Currently, there are no columns defined for this table. You requested to insert a column into the primary key. There are no columns to insert; all columns in the table are already defined as part of the primary key.

Action:

You must define columns for the table.

PT039E

UNABLE TO RESOLVE EQF EXTERNAL REFERENCE, ERROR FOUND IN: PTATALF2.

Reason:

The stored query (EQF) module could not be found.

Action:

Check for module PTLSSP in the library allocated to PTILIB, the library that contains the CA products.

PT040I

QPRINT REQUEST COMPLETED.

Reason:

Your QPRINT request was completed. This message is for information only and does not indicate a problem.

PT041E

QPRINT REQUEST FAILED.

Reason:

Due to environmental problems, your QPRINT request has failed.

Action:

Check your Print Parameters Profile and retry.

PT042I

PPRINT REQUEST COMPLETED.

Reason:

Your PPRINT request was completed. This message is for information only and does not indicate a problem.

PT043E

PPRINT REQUEST FAILED.

Reason:

Due to environmental problems, your PPRINT request has failed.

Action:

Check your Print Parameters Profile and retry.

PT044W

COLUMN ALREADY EXCLUDED.

Reason:

You requested to EXCLUDE a column that is already excluded. The column will remain excluded.

PT045E**CANNOT EXCLUDE FROZEN COLUMN.****Reason:**

You have entered the EXCLUDE command for a column that is frozen.

Action:

Use the UNfreeze command to unfreeze a specific column or the MELT command to unfreeze all frozen columns. Some scrollable lists have columns that are frozen by default and may not be unfrozen. For example, object names on object selection lists are frozen by default and may not be unfrozen. You cannot use the EXCLUDE command on these columns.

PT046W**COLUMN ALREADY SHOWING.****Reason:**

You have entered the SHOW command for a column that has not been EXCLUDED. The SHOW command brings back to the display columns that were hidden using the EXCLUDE command.

PT047E**DYNAMIC ALLOCATION ERROR, RC = code, RSN = reason, INFO = info.****Reason:**

Dynamic Allocation has failed for the data set name that you specified for the current function. The message provides you with the DYNALLOC return code, INFO code, and ERROR code. This allows you to locate the problem in the appropriate IBM macro manual.

PT048E**PRINT FILE OPEN ERROR.****Reason:**

An output file open error has been encountered.

Action:

Check your Print Parameters Profile and retry.

PT049E

DYNAMIC DE-ALLOCATION ERROR RC = *code*, RSN = *reason*, INFO = *info*.

Reason:

Dynamic Allocation has failed for the data set name that you specified for the current function. The message provides you with the DYNALLOC return code, INFO code, and ERROR code. This allows you to locate the problem in the appropriate IBM macro manual.

PT050W

SQL PAGE NOT PRINTED; PRINT LINE SIZE NOT LARGE ENOUGH.

Reason:

The SQL page was not printed because the line size is too small. Increase the line size in your Print Parameters Profile and retry.

PT051W

SQL PAGE NOT PRINTED; NOT ENOUGH STORAGE FOR REQUEST.

Reason:

The SQL page was not printed because not enough storage could be found. Increase your region size and try again.

PT052W

NO COLUMNS EXCLUDED.

Reason:

You entered the SHOW command and no columns were :excluded. This does not indicate a problem.

PT053E

REQUEST FAILED DUE TO BAD PARMS - CALL CUSTOMER SUPPORT.

Reason:

The request has failed due to internal errors.

PT054W**VALID PRINT PARMS REQUIRED TO PRINT.****Action:**

In order to use the QPRINT or PPRINT commands, you must complete your Print Parameters Profile. The Print Parameters Profile screen displays so that you can complete or correct your profile. When you have completed your profile, press PF3 (END) to return to the previous screen and complete your print request.

PT055W**QPRINT REQUEST CANCELED.****Reason:**

The QPRINT request was canceled by the user. This message is for information only and does not indicate a problem.

PT056W**PPRINT REQUEST CANCELED.****Reason:**

The PPRINT request was canceled by the user. This message is for information only and does not indicate a problem.

PT058E**ONLINE EXECUTION COMPLETED.****Reason:**

The current online function has completed execution. This message is for information only.

PT059E**BATCH JOB SUBMITTED.****Reason:**

Your batch job request was successfully submitted to JES for execution.

PT060E

INVALID PARMS PASSED TO PTADSNQ.

Reason:

An internal error has occurred.

PT061I

DATASET ALREADY ALLOCATED. PLEASE SPECIFY A DIFFERENT DATASET.

Reason:

The output data set specified already exists.

Action:

Specify another data set name.

PT062E

DATASET NAME CANNOT BE ENQUED. GRS RESOURCE LIMIT EXCEEDED.

Reason:

GRS returned a return code indicating that the ENQ/RESERVE request has exceeded a threshold value for the system.

Action:

Contact your MVS Systems Programmer.

PT063E

ENQ FOR DATASET NAME FAILED.

Reason:

MVS ENQUE for the system has failed for the specified data set.

Action:

Contact your MVS Systems Programmer.

PT064E**CHANGE OF DBCS CHARACTERS CAUSED OVERLAY OF UNVIEWABLE CHARACTERS.****Reason:**

Due to display corrections, addition characters needed to be inserted in the DBCS string. You have overlaid one or more of these characters. This would increase the size of the original data. The input data is ignored.

PT065I**BATCH PROCESSOR JCL HAS BEEN WRITTEN TO THE REQUESTED DATASET.****Reason:**

Your batch job was successfully written to the specified data set.

PT066E**BATCH PROCESSOR FILE DE-ALLOCATED FAILURE.****Reason:**

Due to environmental conditions, the Batch Processor file deallocation has failed.

Action:

Contact your MVS Systems Programmer.

PT067E**BATCH PROCESSOR FILE OPEN FAILURE.****Reason:**

Due to environmental conditions, the Batch Processor file open has failed.

Action:

Contact your MVS Systems Programmer.

PT068E

BATCH PROCESSOR FILE ALLOCATION FAILURE.

Reason:

Due to environmental conditions, the Batch Processor file allocation has failed.

Action:

Contact your MVS Systems Programmer.

PT069E

INTERNAL PARAMETER LIST ERROR.

Reason:

An internal error has occurred.

PT070E

PHYSICAL I/O ERROR WHILE PROCESSING MEMBER SELECTION.

Reason:

A physical I/O error has occurred while reading the directory of a PDS.

Action:

Check the validity of the data set.

PT071E

OPEN FAILURE WHILE PROCESSING MEMBER SELECTION.

Reason:

The data set cannot be opened to get the member selection list.

Action:

Check the validity of the data set.

PT072E**UNABLE TO DYNAMICALLY ALLOCATE THE REQUESTED DATASET.****Reason:**

Due to environmental conditions, the requested data set allocation has failed.

Action:

Contact your MVS Systems Programmer.

PT073E**SHORTAGE OF MEMORY ENCOUNTERED WHILE PROCESSING MEMBER SELECTION.****Reason:**

While processing member selection, a shortage of memory was encountered.

Action:

Increase the region size.

PT074E**FAILURE DURING TASK I/O TABLE PROCESSING DURING MEMBER SELECTION.****Reason:**

An internal error occurred while processing a member selection list.

PT075E**MEMBER SELECTION HAS BEEN ENDED WITHOUT SELECTING A MEMBER.****Reason:**

You entered selection criteria in the member name field to display a member selection list, then you exited from the member selection list screen without selecting a member.

Action:

You must specify a member name if you are using a PDS. You can redisplay the selection list or specify a member name.

PT076E

THE MEMBER YOU HAVE SELECTED DOES NOT EXIST.

Reason:

The model JCL Member was not found in the specified library.

Action:

Enter an asterisk (*) for a listing of the members contained in the selected library.

PT077E

OUTPUT MEMBER EXISTS, AND YOU HAVE CHOSEN NOT TO REPLACE IT.

Reason:

You have specified an existing PDS member name and have specified (N)o for the Replace Existing Member prompt.

Action:

You must specify a new member name or change the Replace Existing prompt to (Y)es.

PT078E

DYNAMIC ALLOC. FAILED FOR BP INPUT FILE, RET CODE = *return-code*.

Reason:

Dynamic Allocation has failed for the data set name that you specified for the current function.

PT079E

UNABLE TO OPEN FILE.

Reason:

The specified data set could not be opened.

Action:

Check the data set's validity and your authorizations on the data set.

PT080E**FILE CANNOT CONTAIN ANY .COMMANDS FOR ONLINE PROCESSING.****Reason:**

Batch Processor commands (those that begin with a period) cannot be executed online. The data set contains Batch Processor commands and so must be executed in batch mode.

PT081I**SELECT A MEMBER TO USE.****Reason:**

The Member Selection list screen displays so that you can select a PDS member to use for your Batch Processor input. The PDS name is taken from the screen.

Action:

Enter "S" next to the member you want to use.

PT082I**SELECT A MEMBER TO CONTAIN YOUR BATCH PROCESSOR JCL.****Reason:**

The Member Selection list screen displays so that you can select a PDS member to use for your Batch Processor JCL data set. The PDS name is taken from the screen.

Action:

Enter "S" next to the member you want to use.

PT083E**UNABLE TO ALLOCATE TEMPORARY DATASET FOR BATCH PROCESSOR OPTIONS.****Reason:**

Due to environmental conditions, the Batch Processor file allocation has failed.

Action:

Contact your MVS Systems Programmer.

PT084E

UNABLE TO OPEN THE TEMPORARY DATASET FOR BATCH PROCESSOR OPTIONS.

Reason:

Due to environmental conditions, the Batch Processor file open has failed.

Action:

Contact your MVS Systems Programmer.

PT085I

SEARCH FOR ">ERROR" IN OUTPUT TO LOCATE ERRORS FOUND IN PROCESSING.

Reason:

Errors were found in processing.

Action:

To locate the errors, do a FIND '>ERROR'.

PT086E

NOT ENOUGH MEMORY TO PROCESS.

Reason:

More memory is needed to continue processing.

Action:

Increase the region size.

PT087E

UNABLE TO LINK BATCH PROCESSOR MODULE.

Reason:

The Batch Processor was unable to successfully LINK to one of its main subservice modules. This can be caused by not having the product library DDNAME allocated properly. The DDNAME that should be allocated is PTILIB and that library contains the subroutine services needed.

PT088I

THE MEMBER YOU ATTEMPTED TO BROWSE IS EMPTY.

Reason:

The member you attempted to browse contains no data.

PT089I

NO OBJECTS MATCH SELECTION CRITERIA.

Reason:

No objects match the selection criteria you have entered.

Action:

Check your object types and selection criteria carefully. You can enter asterisks in the Object Name or Creator prompts to list ALL.

PT090E

ENTER 1 "S" TO SELECT, OR ENTER A VALID RC/QUERY REPORT OPTION.

Reason:

More than one selection has been made, or the line command was not a valid RC/QUERY report option for the type of DB2 object to be selected.

Action:

Enter only one "S" to select. Or, enter a valid RC/QUERY report option.

PT091E

JOB NAME INVALID OR NO NAME SPECIFIED.

Reason:

The JOB name on the JOB card does not exist or it is invalid.

Action:

Ensure that there are no blanks between the // and the JOB name and that a JOB name has been specified.

PT093E

STORED QUERY NOT FOUND, CANNOT BE EDITED.

Reason:

You have specified a stored EQF query that cannot be found.

Action:

You can enter "S" in the Where field without a query name to display a list of stored queries.

PT094I

DEFAULT STORED QUERY USED.

Reason:

The requested report has a default stored query attached to it. This query, whose name displays in the Where field, was used to display the report.

Action:

If you want to display the report without using the default query, you must edit the query and change the Default value to "N". You can also specify a different query for the report.

PT095E

STORED QUERY NOT FOUND AND NO DEFAULT EXISTS.

Reason:

The stored query name does not exist for the requested report. No default query exists for report. The report was displayed without using an extended query.

PT096E

NOT ENOUGH STORAGE TO PROCESS STORED QUERIES.

Reason:

There was not enough available storage to process the requested queries.

Action:

Increase your region size and try again.

PT097E

WHERE FIELD ==> VALID OPTIONS ARE (Y), (S), (N).

Reason:

You have entered an invalid option for the Where field.

Action:

Valid options are as follows: N, Y, and S.

PT098E

AN SQL ERROR HAS BEEN DETECTED IN YOUR SELECTION.

Reason:

The selection criteria has caused an SQL error.

Action:

Review the SQL error and correct the problem.

PT099I

SELECTED COLUMNS HAVE BEEN QUEUED, ENTER "(S)HRINK" TO VIEW QUEUE.

Reason:

You have selected columns.

Action:

You can continue to select columns or enter the SHRINK command to view only selected columns.

PT100I

SELECTED VOLUMES HAVE BEEN QUEUED, ENTER "(S)HRINK" TO VIEW QUEUE.

Reason:

You have selected volumes.

Action:

You can continue to select volumes or enter the SHRINK command to view only selected volumes.

PT101E

YOU MUST ENTER A LIMIT KEY CONSTANT FOR AT LEAST THE FIRST KEY COLUMN.

Reason:

A partitioned index space must have key constants defined for at least the first key column.

Action:

If you try to PF3 or CANCEL from the Limit Keys screens without defining any key constants, you will get this message. Define the limit key constants for the first column.

PT102E

LIMITS MUST BE CONTIGUOUS, INTERVENING KEYS COLUMNS MAY NOT BE BLANK.

Reason:

A partitioned index space must have key constants defined for all partitions.

Action:

If you try to PF3 or CANCEL from the Limit Keys screens without defining any key constants, you will get this message. Define the limit key constants for the partitions.

PT103I

SELECTED USERIDS HAVE BEEN QUEUED, ENTER "(S)HRINK" TO VIEW QUEUE.

Reason:

You have selected user IDs.

Action:

You can continue to select user IDs or enter the SHRINK command to view only selected user IDs.

PT104I

REQUESTED ROW LIMIT HAS BEEN REACHED.

Reason:

The row limit you requested has been reached. This message is for information only and does not indicate a problem.

PT105E

NOT ENOUGH MEMORY TO CONTINUE PROCESSING, REQUEST TERMINATED.

Reason:

Your request has been terminated due to insufficient memory.

Action:

Increase the region size.

PT106I

REQUEST HAS BEEN CANCELED.

Reason:

The user has canceled a request. This message is for information only.

PT107E

AN SQL ERROR HAS BEEN ENCOUNTERED, REQUEST TERMINATED.

Reason:

An SQL error has been encountered.

Action:

Review the SQL error message and correct the SQL error.

PT108I

SQL STATEMENT RESULT TABLE IS EMPTY.

Reason:

The SQL statement returned no rows.

PT109E

INVALID PRIMARY COMMAND HAS BEEN ENTERED, PLEASE CORRECT.

Reason:

You have entered an invalid primary command.

Action:

You can enter a question mark (?) from any screen's command line to display a list of valid commands.

PT110I

YOU ARE EDITING YOUR BATCH PROCESSOR INPUT FILE.

Reason:

You specified (Y)es for the Edit Input Dataset prompt and the input data set displays. This is an information message reminding you that the data set you are editing is your Batch Processor input data set.

PT111E

YOU MUST SPECIFY A VCAT NAME BEFORE REQUESTING VSAM DEFINITIONS.

Reason:

You entered the "V" line command to perform VSAM definitions for an index space or table space without specifying the VCAT name.

Action:

Enter the VCAT name and try again.

PT112I

AT LEAST ONE VOLUME MUST BE SPECIFIED FOR CLUSTER DEFINITION.

Reason:

At least one volume must be specified when defining VSAM clusters.

Action:

Specify a volume.

PT113E

DO NOT SELECT AND ENTER RC/QUERY OPTIONS AT THE SAME TIME.

Reason:

This screen does not allow you to select items and enter RC/QUERY report options.

Action:

Enter S to select the object for the current function or enter a valid RC/QUERY report option. For a list of valid RC/QUERY report options, enter a question mark (?) in the selection field.

PT114E**LINK TO RC/QUERY HAS FAILED.****Reason:**

An internal error has occurred while trying to invoke RC/QUERY.

Action:

Check the region size.

PT115E**COMMAND IS INVALID.****Reason:**

You have entered an invalid command.

Action:

You can enter a question mark (?) from any screen's command line to display a list of valid commands.

PT116E**ERROR ENCOUNTERED FROM SCROLLING ROUTINE - PTASCROL.****Reason:**

An internal error has been encountered by the scrolling routine.

PT117E**LIST ALREADY FILTERED; ENTER "S" OR "V" TO RETRIEVE FULL LIST****Reason:**

An illogical request has been made to filter a volume or stogroup list to show only those volumes or stogroups on which the requested space may be allocated, when such a filtered list is already being displayed.

Action:

To display a filtered volume list when a filtered stogroup list is being displayed, enter F.
To display a filtered stogroup list when a filtered volume list is being displayed, enter G.

PT118E

INVALID OPTION OR OBJECT ENTERED.

Reason:

An invalid object or option was specified to serve as an argument to create a list of space strategies.

Action:

Specify a valid option. Valid options are as follows: S (Space strategies only); C (Catalog entries only, i.e., only real tablespaces and indexes); and * (Union of S and C options). Valid object types are TS (tablespace), IX (Index), and * (both types of objects).

PT119E

INVALID EQF SPECIFICATION ENTERED. USE N, S, OR Y.

Reason:

An invalid options was used in an attempt to use the Extended Query Facility.

Action:

Specify a valid option. Valid options are as follows: N (No EQF to be used), S (Produce a selection list to choose from using the mask value entered as the EQF name to filter the list), and Y (Use a temporary EQF rather than a stored query).

PT120E

PROMPT CODE IS INVALID.

Reason:

The selection code you have entered is invalid.

Action:

Enter a valid selection code.

PT121E

PT121E is a catch all for a number of messages that our DB2 connection service reports. These messages are listed in alphabetical order.

PT121E is also a trap for DB2 abend reason codes pertaining to subsystems. These messages indicate a problem with DB2, not a problem with the product. The text that is displayed with message PT121E varies, depending on the particular reason code that DB2 returns. The number of the DB2 reason code is also listed.

COMMUNICATION BLOCK PASSED IS INVALID - PTABDBC.**Reason:**

An internal error has occurred.

Error retrieving DB2 application defaults.**Reason:**

An error was encountered attempting to retrieve the DB2 application defaults module (DSNHDECP).

- For DB2 9 and below, the module could not be obtained from the active DB2 system or loaded successfully from the DB2 load library.
- For DB2 10 and above, the user-defined name is only known when the DB2 system is running. If the name is not known, the PARMLIB(SETUP) value DSNHDECP() is used. If the name is not valid, a prompt can appear for the PARMLIB(SETUP) value DECPROMPT(YES). As a last resort, the name is defaulted to DSNHDECP.

GETMAIN FAILED IN MODULE - PTABDBC.**Reason:**

A GETMAIN failed due to lack of memory.

Action:

Increase your region size.

LOAD OF MODULES DSNALI FAILED - MODULE NOT FOUND.**Reason:**

The module DSNALI not found in standard search sequence for load modules.

Action:

Ensure that this module is available in the library in part of the standard search sequence so a load module works.

RELEASE MISMATCH BETWEEN SYSTEM ID AND DB2 LOAD LIBRARY.**Reason:**

The DB2 subsystem ID specified does not run on the same release of DB2 as the version you are currently running.

Action:

Specify a DB2 subsystem ID that runs under the same release of DB2 that you are currently running.

GENERAL DB2 CONNECTION ERROR.

Action:

See the description for DB2 reason code 00F30000 in the IBM *DB2 Messages and Codes* guide.

DB2 SYSTEM NOT OPERATIONAL.

Action:

See the description for DB2 reason code 00F30002 in the IBM *DB2 Messages and Codes* guide.

TERMINATION ECB PARM ERROR.

Action:

See the description for DB2 reason code 00F30005 in the IBM *DB2 Messages and Codes* guide.

DB2 SYSTEM ID NAME IS INVALID.

Action:

See the description for DB2 reason code 00F30006 in the IBM *DB2 Messages and Codes* guide.

CONNECTION TYPE PARAMETER ERROR.

Action:

See the description for DB2 reason code 00F30007 in the IBM *DB2 Messages and Codes* guide.

DB2 STARTUP ECB IS IN ERROR.

Action:

See the description for DB2 reason code 00F30008 in the IBM *DB2 Messages and Codes* guide.

REQUESTED TERMINATION ECB IS A DUPLICATE.

Action:

See the description for DB2 reason code 00F30009 in the IBM *DB2 Messages and Codes* guide.

CANCELED TERMINATION ECB COULD NOT BE FOUND.**Action:**

See the description for DB2 reason code 00F30010 in the IBM *DB2 Messages and Codes* guide.

DB2 SYSTEM NOT OPERATIONAL - STARTUP ECB NOT ACCEPTED.**Action:**

See the description for DB2 reason code 00F30011 in the IBM *DB2 Messages and Codes* guide.

DB2 SYSTEM NOT OPERATIONAL - STARTUP ECB OVERLAYS PRIOR.**Action:**

See the description for DB2 reason code 00F30012 in the IBM *DB2 Messages and Codes* guide.

USER NOT AUTHORIZED TO DB2.**Action:**

See the description for DB2 reason code 00F30013 in the IBM *DB2 Messages and Codes* guide.

INVALID FRB RALE/QUAL COMBINATION.**Action:**

See the description for DB2 reason code 00F30015 in the IBM *DB2 Messages and Codes* guide.

FRBRALE VALUE IN ERROR.**Action:**

See the description for DB2 reason code 00F30016 in the IBM *DB2 Messages and Codes* guide.

FRBQUAL VALUE IN ERROR.**Action:**

See the description for DB2 reason code 00F30017 in the IBM *DB2 Messages and Codes* guide.

TCB NOT CONNECTED TO DB2.

Action:

See the description for DB2 reason code 00F30018 in the IBM *DB2 Messages and Codes* guide.

CALLERS PASID NOT EQUAL TO HASHID.

Action:

See the description for DB2 reason code 00F30019 in the IBM *DB2 Messages and Codes* guide.

COMMIT OPTION PARAMETER ERROR.

Action:

See the description for DB2 reason code 00F30020 in the IBM *DB2 Messages and Codes* guide.

PARAMETER COUNT IN ERROR.

Action:

See the description for DB2 reason code 00F30021 in the IBM *DB2 Messages and Codes* guide.

CONNECTION NAME IN ERROR.

Action:

See the description for DB2 reason code 00F30022 in the IBM *DB2 Messages and Codes* guide.

ADDRESS SPACE CONNECTED WITH DIFFERENT NAME OR TYPE.

Action:

See the description for DB2 reason code 00F30024 in the IBM *DB2 Messages and Codes* guide.

DB2 IS STOPPING TERMINATION ECB MAY NOT BE POSTED.

Action:

See the description for DB2 reason code 00F30025 in the IBM *DB2 Messages and Codes* guide.

FRB VALUE INVALID.**Action:**

See the description for DB2 reason code 00F30026 in the IBM *DB2 Messages and Codes* guide.

WEIGHTING FACTOR IS INVALID.**Action:**

See the description for DB2 reason code 00F30027 in the IBM *DB2 Messages and Codes* guide.

INDOUBT RESOLUTION PARAMETER IN ERROR.**Action:**

See the description for DB2 reason code 00F30032 in the IBM *DB2 Messages and Codes* guide.

PLAN NAME IS IN ERROR.**Action:**

See the description for DB2 reason code 00F30033 in the IBM *DB2 Messages and Codes* guide.

PLAN NAME IS UNAUTHORIZED.**Action:**

See the description for DB2 reason code 00F30034 in the IBM *DB2 Messages and Codes* guide.

CORRELATION ID IN ERROR.**Action:**

See the description for DB2 reason code 00F30038 in the IBM *DB2 Messages and Codes* guide.

PLAN NAME SPECIFIED WAS NOT FOUND IN THIS DB2 SUBSYSTEM.**Action:**

See the description for DB2 reason code 00F30040 in the IBM *DB2 Messages and Codes* guide.

DEAK AND WORK OUTSTANDING SYNC OR ABORT REQUIRED.

Action:

See the description for DB2 reason code 00F30043 in the IBM *DB2 Messages and Codes* guide.

COMMIT REQUEST INVALID.

Action:

See the description for DB2 reason code 00F30046 in the IBM *DB2 Messages and Codes* guide.

ABEND ACCESSING NETWORK ID.

Action:

See the description for DB2 reason code 00F30048 in the IBM *DB2 Messages and Codes* guide.

TCB ALREADY CONNECTED.

Action:

See the description for DB2 reason code 00F30049 in the IBM *DB2 Messages and Codes* guide.

DB2 REQUEST ALREADY ACTIVE.

Action:

See the description for DB2 reason code 00F30050 in the IBM *DB2 Messages and Codes* guide.

CURRENT LEVEL ERROR.

Action:

See the description for DB2 reason code 00F30053 in the IBM *DB2 Messages and Codes* guide.

CONNECTION LEVEL NOT SPECIFIED AT CURRENT LEVEL.

Action:

See the description for DB2 reason code 00F30054 in the IBM *DB2 Messages and Codes* guide.

MAXIMUM DB2 CONNECTION REACHED.**Action:**

See the description for DB2 reason code 00F30055 in the IBM *DB2 Messages and Codes* guide.

RESTRICTED ACCESS MODE.**Action:**

See the description for DB2 reason code 00F30056 in the IBM *DB2 Messages and Codes* guide.

PT122E**PROCESS REQUEST CANCELED - NO COMMAND TO PROCESS.****Action:**

The current request has been canceled by the user and there is no command to process. This message is informational only and does not indicate a problem.

PT123E**VALID COMMANDS ARE "END" OR "=X".****Reason:**

You have entered an invalid command.

Action:

Specify a valid command. Valid commands are END and =X. You can display a list of valid commands from any screen by entering a question mark (?).

PT124E**IFI FAILED - RETURN CODE = *code* REASON CODE = *code*.****Reason:**

DB2 IFI failed. Use the displayed *Return and Reason Codes* from DSNWLI (IFI Interface) to diagnose the problem.

Action:

See the IBM *DB2 Messages and Codes* manual for code information.

PT125W

DOWN REQUEST IGNORED ALREADY AT BOTTOM.

Reason:

You have requested to scroll DOWN (PF8) when the bottom of the scrollable list is already displayed.

PT126W

TOP REQUEST IGNORED ALREADY AT TOP.

Reason:

You have requested to scroll UP (PF7) when the top of the scrollable list is already displayed.

PT127W

VALID SELECTION CODES ARE "S", "E", OR "D".

Reason:

You have entered an invalid selection code.

Action:

Specify a valid selection code. Valid codes are as follows: S, E, and D.

PT128W

NO LOCATIONS WERE FOUND IN THE LOCATION TABLE.

Reason:

A location was specified and no locations were found for DB2 DDF.

PT129E

VALID SELECT CODE IS "S".

Reason:

The only valid selection code is "S" (select). You entered another selection code.

Action:

Change your code to "S" and try again.

PT140E**UNABLE TO OPEN PTILIB DDNAME.****Reason:**

The PTILIB DDNAME could not be opened. This data set is used by the CA products to access load modules for internal processing. Without this data set, processing cannot continue and has been terminated.

Action:

Check to see why PTILIB is not allocated. It should be allocated in the CLIST that allocates the CA product libraries.

PT141E**RC=*code*, RCODE = *codes*.****Reason:**

An error occurred while trying to establish a thread to the specified DB2 subsystem via the DB2 Call Attach Facility (CAF). PTEDRTNC represents the return code issued by DB2 and PREDRSNC is the last four bytes of the CAF reason code.

PT142E**INVALID COMMAND ENTERED. PRESS HELP FOR MORE INFORMATION.****Reason:**

The command you have entered is invalid.

Action:

You can display a list of valid commands from any screen by entering a question mark (?).

PT143E**LENGTH SPECIFIED MUST BE NUMERIC. PRESS HELP FOR MORE INFORMATION.****Reason:**

The DSNCHAR command is used to change the displayed length of the Dataset-Name column on the Execution Display panel.

Action:

Using the DSNCHAR command, you can vary the viewable length of the data set name anywhere from 3 to 53 characters. If you want to entirely omit the data set name, enter a length of 0.

PT144E

VALID BPID COLUMN WIDTHS ARE 0, OR ANY NUMBER FROM 4 TO 53.

Reason:

The BPIDCHAR command is used to change the displayed width of the BPID column on the Execution Display panel.

Action:

Using the BPIDCHAR command, you may vary the viewable length of the BPID anywhere from 4 to 53 characters. If you wish to entirely omit the BPID column from the display, enter a width of 0. If you have frozen any columns, there must be room left on the screen for the width that you have requested. If you have frozen columns and wish to enlarge the BPID column, you may have to Unfreeze a column or Melt all columns to make room for the expansion.

PT145E

INVALID SELECTION CODE. ENTER D, DD, E, B OR S. PF1 FOR MORE INFO.

Reason:

The selection code you have entered is invalid.

Action:

Specify a valid selection code. Valid selection codes are as follows: D, DD, E, B, and S.

PT146E

INCOMPLETE BLOCK DELETE COMMAND ENTERED. PRESS HELP FOR MORE INFORMATION.

Reason:

The block DELETE command must have a pair of "DD'S -- one on the first entry you want deleted, and one on the last entry you want deleted. You entered only one "DD".

PT147E

number ROW(S) WERE DELETED FROM THE LOG (XI, SC ROWS BYPASSED).pteddxim=xi,sc.

Reason:

This message specifies how many rows were deleted from the log. If displayed, the "XI, SC rows bypassed" portion of this message indicates that you attempted to delete 1 or more sync or analysis type records that were generated by a currently executing job. You cannot delete such sync or analysis type records.

PT148E

INVALID COMMAND ENTERED. PRESS HELP FOR MORE INFO.

Reason:

You have entered an invalid command.

Action:

You can enter a question mark (?) from any screen's command line to display a list of valid commands.

PT149E

THE TIME INTERVAL MUST BE NUMERIC. PRESS HELP FOR MORE INFO.

Reason:

The CYCLE command will cause the Execution Display to periodically, automatically refresh the displayed data. You can control the frequency with which the log data is refreshed by specifying a time interval with the CYCLE command. The time interval specified represents the number of seconds paused between each refresh of the data. The time interval can be any number between 5 and 999.

PT150E

THE TIME INTERVAL MUST NOT BE LESS THAN 5. PRESS HELP FOR MORE INFO.

Reason:

The CYCLE command will cause the Execution Display to periodically, automatically refresh the displayed data. You can control the frequency with which the log data is refreshed by specifying a time interval with the CYCLE command. The time interval specified represents the number of seconds paused between each refresh of the data. The time interval can be any number between 5 and 999.

PT151E

SAVED DISPLAY FORMAT NOT FOUND. PRESS HELP FOR MORE INFORMATION.

Reason:

Your ISPF profile does not contain a "display format." A display format is saved in the data set allocated to DDNAME ISPPROF (in member name RCPROF) when the SAVEF command is issued. Your profile will not contain a display format if the SAVEF command has never been issued, or if it was issued with a different data set allocated to the ISPPROF DDNAME.

PT152

***** interval SECOND CYCLE IN PROCESS, PRESS PA1 TO EXIT ***.**

Reason:

You entered the Execution Display CYCLE command. The screen will be refreshed every interval number of seconds.

PT153

DISPLAY FORMAT HAS BEEN SAVED.

Reason:

Your display format has been successfully saved. A display format is saved in the data set allocated to DDNAME ISPPROF (in member name RCPROF) when the SAVEF command is issued.

PT154E

THIS COLUMN NAME HAS ALREADY BEEN SPECIFIED. PRESS HELP FOR MORE INFO.

Reason:

You have entered an invalid SORT command. Your sort command is in error because it contains multiple references to a single column. Each individual column name may only be specified once in a sort command. The cursor has been positioned on the column name that is in error.

PT155E

UNABLE TO LOCATE PTILIB DCB. ERROR ENCOUNTERED IN PTISCROL.

Reason:

The PTILIB allocation could not be found.

Action:

Check to see if PTILIB is allocated correctly.

PT156E

LOAD FAILURE. ERROR DETECTED BY MODULE PTAEDMAN.

Reason:

The products were unable to load a module.

Action:

Check the region size.

PT157E

INVALID COMMAND ENTERED. PRESS HELP FOR MORE INFORMATION.

Reason:

You have entered an invalid command.

Action:

You can enter a question mark (?) from any screen's command line to display a list of valid commands.

PT160E

VALID LINE COMMANDS ARE "S" SELECT, "D" DELETE, "U" UNDELETE.

Reason:

You have entered an invalid line command.

Action:

Specify a valid line command. Valid line commands are as follows: S, D, and U.

PT161E

SELF REFERENCING RELATION, INSERTION OF PARENT TABLE COLS NOT ALLOWED.

Reason:

You tried to use the "I" command in the Column Information section of the Foreign Key Detail screen to insert a parent table column into the foreign key and into the child table. Because the child and parent tables are the same table, inserting a column into the table does not make sense.

Action:

Use the "I" (Insert) command in the Foreign Key part of the screen to insert the column into the foreign key only (and not the table).

PT162E

SOME PRIMARY KEY COLUMN DEFINITIONS HAVE BEEN SET TO "NOT NULL".

Reason:

You tried to change a primary key column definition to NULL=Y. Primary key columns must be defined as NOT NULL.

PT163E

INVALID TYPE CONVERSIONS RESET; PRIMARY KEY COLUMNS SET TO NOT NULL.

Reason:

You tried to change a primary key column's type to an invalid value and its NULL definition to NULL=Y. Primary key columns must be defined as NOT NULL. The type and NULL definitions have been reset.

PT164I

CURRENT SQLID HAS BEEN SET TO authid. ENTER HELP FOR MORE INFORMATION.

Reason:

Your SET CURRENT SQLID request has been satisfied, and all CA DB2 connections will be made with the SQLID until you request that a different one be used. This SQLID has been saved in the ISPF PROFILE variable pool, which will allow us to maintain this value between sessions for you.

PT165I

ALL OF THE COLUMNS IN THIS TABLE ARE CURRENTLY IN THE FOREIGN KEY.

Reason:

You requested to insert a column into the foreign key. There are no columns to insert; all columns in the table are already defined as part of the foreign key.

PT166E

INVALID PTMALTER LIST DETECTED BY MODULE PTATALT.

Reason:

An internal error has occurred in the PTMALTER structure.

PT167E

INVALID COMMAND, ENTER A "?" TO VIEW A LIST OF VALID COMMANDS.

Reason:

You have entered an invalid command.

Action:

You can enter a question mark (?) from any screen's command line to display a list of valid commands.

PT169I

ENTER ONE OF THE VALID EXECUTION MODES. PRESS HELP FOR MORE INFO.

Reason:

You must enter a valid execution mode.

Action:

Valid execution modes are O and B.

PT170E

YOU ALREADY HAVE AN ACTIVE RC/UPDATE SESSION. PRESS HELP FOR INFO.

Reason:

You attempted to jump to a product you are already using. You must exit the product you are currently in to get back to the product you want.

PT171E

LINK TO PROCESS PRIMARY COMMAND HAS FAILED. PRESS HELP FOR MORE INFO.

Reason:

The product was unable to successfully LINK to its primary command processing module. This can be caused by not having the product library DDNAME allocated properly. The DDNAME that should be allocated is PTILIB and that library contains the service modules.

PT172E

YOU ALREADY HAVE AN ACTIVE RC/QUERY SESSION. PRESS HELP FOR INFO.

Reason:

You attempted to jump to a product you are already using. You must exit the product you are currently in to get back to the product you want.

PT173E

#LINK HAS FAILED. PRESS HELP FOR MORE INFO.

Reason:

A LINK macro within the current product has failed. This could be due to improper allocation of the product library.

Action:

Check to be sure that the product library is allocated to the DDNAME PTILIB.

PT174E

ONLY ONE COMMAND MAY BE SELECTED. PRESS HELP FOR MORE INFO.

Reason:

You have entered "S" next to more than one command on the Global Commands screen.

Action:

The "S" option executes the command, so you can enter "S" for only one command at a time. Select only one command to execute and try again.

PT175E

"S" AND "?" COMMANDS CANNOT BE INTERMIXED. PRESS HELP FOR MORE INFO.

Action:

You can enter one "S" to execute a single command or enter one or more question marks (?) to get help on multiple commands. You cannot enter "S" and "?" at the same time. Correct your selections and try again.

PT176E

YOU HAVE ENTERED AN INVALID LINE COMMAND. PRESS HELP FOR MORE INFO.

Reason:

You have entered a line command other than "S" or "?", the only valid line commands.

Action:

"S" executes the command. "?" displays help on the command. Enter a valid line command and start again.

PT177I

HELP IS NOT AVAILABLE FOR THE global COMMAND.

Reason:

You entered a question mark to get help on a global command and help is not available. The name of the global command displays in the message.

PT178E

YOU ALREADY HAVE AN ACTIVE DB2C SESSION. PRESS HELP FOR INFO.

Reason:

You attempted to jump to a product you are already using.

Action:

You must exit the product you are currently in to get back to the product you want.

PT179E

YOU ALREADY HAVE AN ACTIVE PDA/UTIL SESSION. PRESS HELP FOR INFO.

Reason:

You attempted to jump to a product you are already using.

Action:

You must exit the product you are currently in to get back to the product you want.

PT180E

YOU ALREADY HAVE AN ACTIVE RC/SQL SESSION. PRESS HELP FOR INFO.

Reason:

You attempted to jump to a product you are already using.

Action:

You must exit the product you are currently in to get back to the product you want.

PT181E

THE SPECIFIED OPERANDS ARE INVALID FOR THE COMMANDS YOU HAVE ENTERED.

Reason:

You have specified a valid command, but have specified invalid operands.

Action:

You can enter a question mark (?) to get a list of valid commands. Entering another question mark next to the command in question will give you syntax information.

PT182E

YOU HAVE ENTERED TOO MANY OPERANDS FOR THIS COMMAND.

Reason:

You have specified a valid command, but have specified too many operands.

Action:

You can enter a question mark (?) to get a list of valid commands. Entering another question mark next to the command in question will give you syntax information.

PT183E

YOU ALREADY HAVE AN ACTIVE RC/MIGRATOR SESSION. PRESS HELP FOR INFO.

Reason:

You attempted to jump to a product you are already using.

Action:

You must exit the product you are currently in to get back to the product you want.

PT184E

YOU ALREADY HAVE AN ACTIVE RC/SECURE SESSION. PRESS HELP FOR INFO.

Reason:

You attempted to jump to a product you are already using.

Action:

You must exit the product you are currently in to get back to the product you want.

PT185E

YOU MUST OWN PDA OR RC/QUERY TO USE PDA JUMPING COMMANDS.

Reason:

Interproduct Interface requires you to have a license for the product you want to access. You attempted to access RC/QUERY or PDA (or one of their functions) without having the proper license.

PT186E

YOU MUST OWN PDA, PPA, OR RC/Q TO USE THE DB2 COMMAND PROCESSOR.

Reason:

Interproduct Interface requires you to have a license for the product you want to access. You attempted to access the DB2 Command Processor without having the proper license. You must have a license for CA Database Analyzer, CA Plan Analyzer, or CA RC/Query.

PT187E

THE DB2 COMMAND PROCESSOR MAY ONLY BE USED IN DB2 V2.1 OR HIGHER.

Reason:

You tried to use the DB2 Command Processor while running a version of DB2 that is earlier than V2.1. To use the DB2 Command Processor, you must be running DB2 V2.1 or higher.

PT188E

YOU ALREADY HAVE AN ACTIVE COMPRESS SESSION. PRESS HELP FOR INFO.

Reason:

You attempted to jump to a product you are already using.

Action:

You must exit the product you are currently in to get back to the product you want.

PT189E

THE LOAD OF PTLDBSYS FAILED. PRESS HELP FOR INFO.

Reason:

The load for module PTLDBSYS failed. This module is used to retrieve the plan name that should be used. As part of the installation procedure, this load module should have been created.

PT190E

UNABLE TO LOAD PRODUCTS PARAMETER BLOCK. PF1 FOR HELP.

Reason:

An attempt to LOAD the products parameter block has failed. This parameter block was being loaded in order to obtain any user defined DB2 Object Definition Defaults. The failure of this LOAD can be caused by not having the product library DDNAME allocated properly. The DDNAME that should be allocated is PTILIB and that library contains the subroutine services.

PT191E

RC=*code*, RCODE=*codes*, messages.

Reason:

An attempt to establish a thread to the DB2 subsystem via the Call Attach Facility (CAF) has failed. The information in the message is the information that DB2 has returned to the CA CAF component.

PT192I

DB2 OBJECT CREATION DEFAULTS DO NOT EXIST FOR USERID user.

Reason:

DB2 object creation defaults do not exist for the specified user ID and no masked ID matches.

Action:

You can retrieve defaults for another ID (or mask) and save them for the specified ID or you can create new defaults for the specified user ID.

PT193E

YOU MAY NOT SPECIFY BOTH VCAT AND STOGROUP INFORMATION. PF1 FOR HELP.

Reason:

You have attempted to specify both VCAT and STOGROUP information.

Action:

You may specify one or the other, but not both. If you want to define and manage the VSAM data sets used by DB2 yourself, specify a default VCAT NAME. If you prefer to let DB2 define and manage the VSAM data sets, specify stogroup information.

PT194E

PRIMARY QUANTITY MUST BE NUMERIC. PF1 FOR HELP.

Reason:

You have specified an invalid primary quantity value. The primary quantity specified must be a number less than 4194394. The number specified is the number of kilobytes DB2 will use as the primary space allocation for the DB2-defined VSAM data sets.

PT195E

SECONDARY QUANTITY MUST BE NUMERIC. PF1 FOR HELP.

Reason:

You have specified an invalid secondary quantity value. The secondary quantity specified must be a number less than 131068. The number specified is the number of kilobytes DB2 will use as the secondary space allocation for the DB2-defined VSAM data sets.

PT196E

FREE PAGE MUST BE A NUMBER BETWEEN 0 AND 255. PF1 FOR HELP.

Reason:

You have specified an invalid FREEPAGE value. The value specified must be a number in the range of 0 - 255. This value specifies how often DB2 is to leave a page of freespace when the tablespace or index is loaded or reorganized.

PT197E

PCTFREE MUST BE NUMERIC. PF1 FOR HELP.

Reason:

You have specified an invalid PCTFREE value. The value specified must be a number in the range of 0 - 99. This value specifies what percentage of each page is to be left as free space when the tablespace or index is loaded or reorganized.

PT198W

EQF has been disabled because package copies are displayed.

Reason:

EQF has been disabled for retrieving packages with package copies.

Action:

You can enable or disable this setting in the CA Plan Analyzer Profile Variables panel by changing the Package Copies Display option.

PT199E

CLOSE MUST "YES" OR "NO". PF1 FOR HELP.

Reason:

You have specified an invalid CLOSE value. The CLOSE value must be YES or NO. The value specified here indicates to DB2 whether to close the data sets which support the tablespace or index when the object is not being used.

PT200E

DYNALLOC FAILURE, RTN = *code*, INFO = *info*, ERROR = *error*.

Reason:

Dynamic Allocation has failed for the data set name that you specified for the current function. The message provides you with the DYNALLOC return code, INFO code, and ERROR code. This allows you to locate the problem in the appropriate IBM macro manual.

PT201E

THE SPECIFIED DATASET DOES NOT EXIST. PRESS HELP FOR INFO.

Reason:

Dynamic Allocation has failed for the data set name that you specified for the current function. The DYNALLOC function has returned an ERROR code indicating that the specified data set does not exist. The message provides you with the DYNALLOC return code, INFO code, and ERROR code to allow you to locate the problem in the appropriate IBM macro manual.

PT202E

GETMAIN FAILURE, DUE TO INSUFFICIENT VIRTUAL STORAGE.

Reason:

A Getmain was attempted and failed because there was not enough available storage or memory.

Action:

Increase the region size.

PT203E

PARTITIONED TABLESPACE CANNOT BE SEGMENTED.

Reason:

This message appears when you try to segment a partitioned tablespace.

PT204E

NOT ENOUGH SPACE FOR THIS BPID WIDTH. PRESS HELP FOR MORE INFO.

Reason:

The BPIDCHAR command is used to change the displayed width of the BPID column on the Execution Display panel.

Action:

Using the BPIDCHAR command, you may vary the viewable length of the BPID anywhere from 4 to 53 characters. If you wish to entirely omit the BPID column from the display, enter a width of 0. If you have frozen any columns, there must be room left on the screen for the width that you have requested. If you have frozen columns and wish to enlarge the BPID column, you may have to Unfreeze a column or Melt all columns to make room for the expansion.

PT205I

ONLY THE FIRST SIX VOLUMES WILL BE USED FOR THE VSAM DEFINE.

Reason:

You have selected more than six volumes. Only the first six shown in the list will be used. The volumes after the sixth one will be ignored.

PT206I

VOLUMES HAVE ALREADY BEEN SELECTED. ENTER SHRINK TO VIEW.

Reason:

You have requested the Space Locator and have already specified volumes to use for the VSAM Defines.

Action:

Enter SHRINK to view the selected volumes.

PT207I

VSAM DELETE/DEFINES WILL BE GENERATED USING THE SELECTED VOLUMES.

Reason:

This message is not used.

PT208I

ENTER A VCAT NAME OR PRESS ENTER FOR A SELECTION LIST.

Reason:

The Space Calculator/Locator was originally entered with a STOGROUP. A volume selection was made, which forces the user to select a VCAT.

PT210I

YOU MAY SELECT UP TO number VOLUMES. PF1 FOR HELP.

Reason:

There is currently enough room in the set of defaults you are editing to add additional volumes to the default stogroup volume list.

PT211E

PARTITIONED MUST BE "YES" OR "NO". PF1 FOR HELP.

Reason:

You have specified an invalid PARTITIONED value. Valid values for the PARTITIONED prompt are YES and NO. Any other value is invalid. The value specifies whether or not the tablespaces or indexes will be defined as partitioned.

PT212E

SEGSIZE MUST BE A MULTIPLE OF 4 LESS THAN OR EQUAL TO 64. PF1 FOR HELP.

Reason:

You have specified an invalid SEGSIZE. The SEGSIZE value must be a number less than or equal to 64 that is a multiple of 4, for example, 0, 4, 8, 12, 16, . . . 64.

PT213E

INVALID LOCKSIZE SPECIFIED. PF1 FOR HELP.

Reason:

You have specified an invalid LOCKSIZE parameter.

Action:

Specify a valid parameter value. Valid values are ANY, PAGE, TABLESPACE, and TABLE.

PT214E

INVALID AUDIT VALUE SPECIFIED. PF1 FOR HELP.

Reason:

You have specified an invalid AUDIT value. You must have DB2 V2.1 to better to use table auditing.

Action:

Specify a valide value. Valid values are NONE, ALL, and CHANGES.

PT215E

INVALID COLUMN NULL INDICATOR SPECIFIED. PF1 FOR HELP.

Reason:

This indicates that you have specified an invalid default COLUMN NULL INDICATOR.

Action:

Specify a valid value. Valid values are Y and N.

PT216E

INVALID COLUMN DATA TYPE VALID SPECIFIED. PF1 FOR HELP.

Reason:

You have specified an invalid data type. Valid data types are CHAR, VARCHAR, LONG VARCHAR, INTEGER, SMALLINT, REAL, FLOAT, GRAPHIC, VARGRAPHIC, LONG VARGRAPHIC, DATE, TIME, TIMESTAMP, and DECIMAL.

PT217E

INVALID UNIQUE VALUE SPECIFIED. PF1 FOR HELP.

Reason:

You have specified an invalid UNIQUE value.

Action:

Specify a valid value. Valid values are YES and NO.

PT218E

INVALID CLUSTER VALUE SPECIFIED. PF1 FOR HELP.

Reason:

You have specified an invalid CLUSTER value.

Action:

Specify a valid value. Valid values are YES and NO.

PT219E

INVALID SUBPAGE VALUE SPECIFIED. PF1, FOR HELP.

Reason:

You have specified an invalid default SUBPAGE value.

Action:

Specify a valid value. Valid values are as follows: 0, 1, 2, 4, 8, 16.

PT220E

INVALID VIEW CHECK OPTION SPECIFIED. PF1 FOR HELP.

Reason:

You have specified an invalid CHECK OPTION.

Action:

Specify a valid value. Valid values are Y and N.

PT221I

Defaults not available for USERID &USERID.; shown here are IBM's defaults.

Reason:

An object definition default is not available for your user ID because of one of the following conditions:

- No definition is defined (that is, a search for a definition saved under your TSOID, or saved under a MASKID that matches your TSOID, returned no results).
- The definition is not accessible, due to a connection, plan, or SQL error.

A temporary definition is used, instead, that is populated with a set of predetermined default settings consistent with the DB2 defaults used by IBM. These predetermined defaults are used when creating new objects (and for other functions, such as inserting columns for a table and inserting partitions for a tablespace or index).

Note: The APPLY DEFAULTS command is not allowed when a temporary definition is in use.

Action:

No action is required.

PT222I

DEFAULTS FOR USERID *authid* TAKEN FROM *groupid* MASKID.

Reason:

There are currently no DB2 object definition defaults defined for your user ID. The defaults displayed on the previous panel were taken from a masked ID (Group ID) that matches the first n characters of your TSO ID.

PT223E

THE SPECIFIED USERID IS NOT A VALID TSOID OR MASKID. PF1 FOR HELP.

Reason:

You have attempted to save a set of defaults for an ID that is not a valid TSO ID or masked ID. Valid TSO IDs must begin with an alphabetic or national character (i.e., A through Z, or @, #, \$). The remaining characters must be alphanumeric (i.e., A through Z, 0 through 9). A valid masked ID follows the same rules except that it can end with an asterisk (*). The single character * is also a valid mask.

PT224I

USER DEFAULTS HAVE BEEN SAVED.

Reason:

The user defaults displayed on the Object Definition Defaults screen have been saved because you entered the "S" (Save) action code. This message is for information only.

PT225I

YOU MAY NOT SELECT MORE THAN ONE ITEM. PF1 FOR HELP.

Reason:

You have attempted to select multiple sets of defaults for retrieval.

Action:

You can select only one. Correct your error by removing the "S" selection character from all but one of the listed defaults.

PT226E

ENTER AN "S" TO SELECT AN ITEM. PF1 FOR HELP.

Reason:

You have entered an invalid selection code.

Action:

"S" is the only valid selection code.

PT227I

REQUESTED ITEM(S) HAVE BEEN DELETED.

Reason:

An attempt to delete defaults saved under the specified user ID was successful.

PT228E

DFLTs DO NOT EXIST FOR *user_id* DELETE REQUEST FAILED. PF1 FOR HELP.

Reason:

An attempt to delete defaults saved under the specified user ID has failed due to a not-found condition.

PT229E

UNABLE TO LOAD REQUESTED SERVICE MODULE. PF1 FOR HELP.

Reason:

An attempt to LOAD subservice module has failed. This can be caused by not having the product library DDNAME allocated properly. The DDNAME that should be allocated is PTILIB and that library contains the subroutine services.

PT234E

You have entered an invalid value for the Batch Processor RESTART option.

Reason:

Valid options are N, Y, and O.

PT235E

YOU ALREADY HAVE AN ACTIVE BP SESSION. PRESS HELP FOR MORE INFO.

Reason:

You attempted to jump to a product you are already using.

Action:

You must exit the product you are currently in to get back to the product you want.

PT236E

MEMBER SPECIFIED IN BOTH DATASET AND MEMBER FIELDS.

Reason:

You can specify a PDA member name in the Data set Name field or the Member field, but not both.

Action:

Correct this problem by specifying a member name in only one of these fields.

PT237I

YOU ARE EDITING YOUR BATCH PROCESSOR MODEL JCL MEMBER.

Reason:

You have requested to edit your model JCL member and the member has been displayed. This message is for your information only and does not indicate an error.

PT238E

INVALID SYMBOLIC: symbolic FOUND IN MODEL JCL MEMBER.

Reason:

The symbolic variable whose name displays in the message is not valid.

Action:

See the product documentation for information on symbolic variable syntax. Correct the symbolic variable in the model member and try again.

PT239E

DYNAMIC ALLOCATION FAILURE FOR MODEL JCL DATASET.

Reason:

Dynamic Allocation has failed for the model JCL data set. The message provides you with the DYNALLOC return code, INFO code, and ERROR code. This allows you to locate the problem in the appropriate IBM macro manual.

PT240E

INVALID LRECL FOR DATASET - MUST BE 80.

Reason:

The data set you have specified for your data set has a record length other than 80. Model JCL data sets must have an LRECL of 80.

PT241E

OPEN FAILURE FOR DATASET.

Reason:

Your data set could not be opened.

PT242I

ENTER VALUES FOR MODEL JCL SYMBOLICS. "H" COMMAND TURNS HEADER ON/OFF.

Reason:

This message is for information only and does not indicate a problem. The Symbolic Variable Replacement screen enables you to replace symbolic variables with the actual values that will be used in the JCL. Enter values for all symbolics that are not automatically replaced. You can use the HEADER command to toggle the top portion of the screen on and off. This enlarges display area for the symbolic variables and model JCL.

PT243E

VALID LINE COMMANDS ARE "D" - DELETE AND "C" - CLEAR. HELP FOR INFO.

Reason:

You have entered an invalid line command on the Model JCL screen.

Action:

Specify a valid command. Valid commands are D and C.

PT244I

ENTER BATCH PROCESSOR INPUT DATA SET NAME.

Reason:

This message is for information only and does not indicate a problem.

Action:

You must enter the name of the data set you want to process through the Batch Processor in the Input Data Set Name field. For a PDS you can enter selection criteria in the Member field to display a list of members.

PT245I

ENTER MODEL JCL DATA SET AND MEMBER NAMES.

Reason:

This message is for information only and does not indicate a problem.

Action:

You must enter the name of the PDS that contains your model JCL member. You can enter selection criteria in the Member field to display a list of members.

PT246I**SELECT A MEMBER TO USE FOR YOUR BATCH PROCESSOR INPUT DATASET.****Reason:**

A member selection list displays so that you can choose a member for your Batch Processor Input Data set.

Action:

Enter "S" next to the member you want to use or enter CANCEL to return to the Batch Processor screen without selecting a member.

PT247I**SELECT A MEMBER TO USE FOR YOUR MODEL JCL DATASET.****Reason:**

A member selection list displays so that you can choose a member for your Batch Processor Model JCL.

Action:

Enter "S" next to the member you want to use or enter CANCEL to return to the Batch Processor screen without selecting a member.

PT248I**YOU ARE EDITING YOUR MODEL JCL MEMBER.****Reason:**

You have requested to edit your model JCL member and the member has been displayed. This message is for your information only and does not indicate an error.

PT249I**ONE OR MORE SYMBOLIC REPLACEMENT VALUES HAVE BEEN LEFT BLANK.****Reason:**

You have left the Symbolic Variable Replacement screen without specifying values for one or more symbolic variables. This message displays because blanks will be substituted for the variable. This could cause errors when the job is submitted for execution.

PT250E

UNABLE TO LOAD PRODUCTS PARAMETER BLOCK. PF1 FOR HELP.

Reason:

An attempt LOAD the products parameter block has failed. This parameter block was being loaded in order to obtain the product's DB2 plan name. The failure of this LOAD can be caused by not having the product library DDNAME allocated properly. The DDNAME that should be allocated is PTILIB and that library contains the subroutine services.

PT252E

MODEL JCL DATASET MUST BE PARTITIONED.

Reason:

A sequential data set has been specified instead of a partitioned data set. Model JCL must be partitioned.

PT253I

NO SYMBOLIC VARIABLES FOUND IN MODEL JCL.

Reason:

Informs you that the Symbolic Variable Replacement screen will not display because there are no symbolic variables in the model JCL.

PT254E

MEMBER OR SEQUENTIAL DATASET IN USE. ENTER HELP FOR MORE INFO.

Reason:

The requested member or sequential data set is currently unavailable. You or another user may be editing the member or sequential data set.

Action:

Try requesting the member at another time.

PT257E

INVALID RECFM FOR DATASET - MUST BE FIXED.

Reason:

The data set you have specified has a variable record format. Your data set must have a fixed record format.

PT258E**INVALID RECFM FOR JCL OUTPUT DATASET - MUST BE FIXED.****Reason:**

The data set you have specified for the JCL output has a variable record format. JCL output data sets must have a fixed record format.

PT259E**INVALID LRECL FOR JCL OUTPUT DATASET - MUST BE 80.****Reason:**

The data set you have specified for the JCL output has an invalid record length. JCL output data sets must have a record length of 80.

PT260E**YOU ALREADY HAVE AN ACTIVE PIPELINE SESSION. PRESS HELP FOR INFO.****Reason:**

You attempted to jump to a product you are already using.

Action:

You must exit the product you are currently in to get back to the product you want.

PT261I**YOU ARE EDITING YOUR MODEL JCL MEMBER.****Reason:**

Informs you that you are editing your model JCL member. This message is for information only and does not indicate a problem.

PT262E**JCL OUTPUT FILE ALLOCATION FAILURE.****Reason:**

Due to environmental conditions, the JCL output file allocation has failed.

Action:

Contact your MVS Systems Programmer.

PT263E

JCL OUTPUT FILE OPEN FAILURE.

Reason:

Due to environmental conditions, the JCL output file open has failed.

Action:

Contact your MVS Systems Programmer.

PT264I

JCL HAS BEEN SUBMITTED TO JES.

Reason:

The JCL has been submitted to JES as you requested. This message is for information only and does not indicate a problem.

PT265I

JCL HAS BEEN WRITTEN TO THE REQUESTED DATASET.

Reason:

The JCL has been written to the data set that you specified. This message is for information only and does not indicate a problem.

PT266I

SELECT A MEMBER TO CONTAIN YOUR JCL.

Action:

Select a member from the Member Selection List to contain your JCL.

PT267E

INVALID SYMBOLIC: symbolic FOUND IN MODEL JCL MEMBER.

Reason:

The symbolic listed in the message is invalid.

PT268E

INVALID OPTION ENTERED. ENTER ONE OF THE OPTIONS LISTED ON THE PANEL.

Reason:

You have entered an invalid option.

Action:

Enter one of the options listed on the panel.

PT269E

THE ATTACHED VERSION OF DB2 DOES NOT SUPPORT REMOTE LOCATIONS.

Reason:

The attached version of DB2 is earlier than V2.2 and does not support remote locations. You cannot specify a location other than LOCAL.

PT270E

DB2 SUBSYSTEM ID NOT FOUND IN PARMLIB. PRESS HELP FOR MORE INFO.

Reason:

The specified DB2 subsystem ID could not be located in the SETUP member of *high-level.CDBAPARM*. This member is created at install time. It should contain an entry for each DB2 subsystem that you intend to access via CA products.

Action:

Check that the DB2 subsystem ID has not been misspelled. If the subsystem ID is correct, contact your System Administrator and request that the subsystem to be added to the member.

PT271E

UNABLE TO ALLOCATE NECESSARY DB2 SOFTWARE LIBRARIES. PF1 FOR HELP.

Reason:

An attempt to allocate DB2 software libraries has failed. The products ALLOCATE and OPEN the DB2 libraries for use as a TASKLIB. This allows the products to connect to different versions of DB2 without requiring the user to change any of their allocations. The names of the necessary DB2 software libraries are retrieved from the parmlib. This member is created by your installation at install time.

Action:

Check with your System Administrator that the name of the DB2 software library has not been misspelled in the member.

PT272E

INTERNAL ERROR. PTLDCB INVOKED WITH INVALID PARMS. PF1 FOR HELP.

Reason:

An internal error has been detected by the software.

PT273E

UNABLE TO OPEN NECESSARY DB2 SOFTWARE LIBRARIES. PF1 FOR HELP.

Reason:

An attempt to open necessary DB2 software libraries has failed. The products ALLOCATE and OPEN the DB2 libraries for use as a TASKLIB. This allows the products to connect to different versions of DB2 without requiring the user to change any of their allocations. The names of the necessary DB2 software libraries are retrieved from the parmlib. This member is created by your installation at install time.

PT274E**GETMAIN FAILURE. INSUFFICIENT VIRTUAL STORAGE TO CONTINUE PROCESSING.****Reason:**

An attempt to obtain additional virtual storage (via the GETMAIN service) has failed. As a result, processing could not be completed.

Action:

Possible solutions to this problem are as follows:

- Exit any split screen sessions that may be in effect.
- Increase the region size of your TSO LOGON procedure. We recommend a region size between 2048 to 3072 KB.

PT275E**UNABLE TO ALLOCATE/OPEN OR DEALLOCATE/CLOSE DB2 SOFTWARE LIBRARIES.****Reason:**

An attempt to allocate or open necessary DB2 software libraries has failed. The products ALLOCATE and OPEN the DB2 libraries for use as a TASKLIB. This allows the products to connect to different versions of DB2 without requiring the user to change any of their allocations. The names of the necessary DB2 software libraries are retrieved from the parmlib. This member is created by your installation at install time.

Action:

Check with your System Administrator that the name of the DB2 software library has not been misspelled in the member.

PT276E**USE OF THE SPECIFIED COMMAND REQUIRES A LICENSE FOR COMPUTER ASSOCIATES UTILITIES.****Reason:**

The requested command is not available. The DISPLAY CA and TERMINATE CA primary commands are available only if your installation has a license for CA Utilities.

PT277E

USE OF THE SPECIFIED COMMAND REQUIRES A LICENSE FOR SQL-EASE.

Reason:

The requested command is not available. The following primary commands are available only if your installation has a license for CA SQL-Ease:

- SYNTAX-Verifies the syntactical correctness of your SQL statements.
- PRED-Determines the indexability/sargability of SQL predicates.
- STAND-Reformats SQL statements into a standard form.

PT278I

REQUESTED FUNCTION TERMINATED BY ATTENTION.

Reason:

Informs you that you pressed the ATTENTION INTERRUPT key. As a result, processing of your request has been terminated.

PT279E

REQUESTED FUNCTION HAS ABENDED. ABEND: *abend*, REASON CODE: *number*.

Reason:

Indicates that the requested function has abended. If you are unable to determine the cause of the abend, report this message and the abend and reason code to Technical Support.

Action:

For assistance, contact CA Support at <http://ca.com/support>.

PT280E

TSO SERVICE FACILITY ERROR. RETCODE: *ret_code*, RSNCODE: *number*.

Reason:

An attempt to invoke the TSO Service Facility has failed. The return code and reason code listed in the error message are from the TSO Service Facility.

Action:

Make a note of the return and reason code information.

PT280E

TSO SERVICE FACILITY ERROR. RETCODE: 14, RSNCODE: 30.

Reason:

This specific PT280 message indicates that the PTLTSRB module needs to be in an authorized library.

Action:

Refer to the Products Installation Guide for details.

PT281E

TSO SERVICE FACILITY INVOKED FROM A NON-TSO ENVIRONMENT.

Reason:

Indicates that an attempt has been made to invoke the TSO Service Facility in a non-TSO environment.

PT282E

UNABLE TO LOCATE MODULE PTLTSRB. PRESS HELP FOR MORE INFO.

Reason:

The TSO Service Facility (IKJEFTSR) was unable to find load module PTLTSRB. As a result, the requested function cannot be performed online. CA products use the TSO Service Facility to perform certain authorized functions in an online TSO environment. For example, it is in this way that the Batch Processor executes the .AUTH command in an online TSO environment. Execution of such authorized functions via the TSO Service Facility requires that PTLTSRB is added to an APF authorized LINKLIST or STEPLIB library and the SYS1.PARMLIB member IKJTSO00 must be updated as described in the Installation Guide. If the PTLTSRB has not been added to an APF authorized LINKLIST or STEPLIB library, then the requested function must be performed in Batch Mode.

PT283E

ONLINE EXECUTION NOT ALLOWED. SYS1.PARMLIB(IKJTS000) MUST BE UPDATED.

Reason:

An attempt to perform an authorized function via the TSO Service Facility has failed. CA products can only use the TSO Service Facility if SYS1.PARMLIB member IKJTS000 is updated as described in the Installation Guide. CA products use the TSO Service Facility to perform certain authorized functions in an online TSO environment. For example, it is in this way that the Batch Processor executes the .AUTH command in an online TSO environment.

PT284E

PTLTSRB COULD NOT BE FOUND IN AN APF AUTHORIZED LIBRARY.

Reason:

The TSO Service Facility (IKJEFTSR) was unable to find load module PTLTSRB in an APF authorized library. As a result, the requested function cannot be performed online. CA products use the TSO Service Facility to perform certain authorized functions in an online TSO environment. For example, it is in this way that the Batch Processor performs online authorization switching via the .AUTH command. Execution of such authorized functions via the TSO Service Facility requires that PTLTSRB is added to an APF authorized LINKLIST or STEPLIB library. If the PTLTSRB has not been added to an APT authorized LINKLIST or STEPLIB library, then the requested function must be performed in Batch Mode.

PT285E

REQUESTED FUNCTION REQUIRES PTILIB DATASETS TO BE APF AUTHORIZED.

Reason:

The requested function cannot be performed without APF authorization. All of the datasets allocated to the PTILIB DDNAME must be APF authorized libraries. The load library should be allocated to the PTILIB DDNAME.

Action:

We recommend that you make this load library an APF authorized library.

PT286E

AN INTERNAL ERROR HAS OCCURRED. PRESS HELP (PF1) FOR MORE INFORMATION.

Reason:

This is internal error message indicates that a product encountered an internal processing condition that was unexpected or undesirable, or both.

Action:

This error should be reported to Technical Support. Give Technical Support the diagnostic information that accompanies the error message.

PT287E

RESERVED FOR LOGGING ERRORS TO ISPF LOG.

Reason:

This is internal error message indicates that a product encountered an internal processing condition that was unexpected or undesirable, or both.

Action:

Report this error to Technical Support and provide the diagnostic information that accompanies the error message.

PT288E

YOU ALREADY HAVE AN ACTIVE PLAN ANALYZER SESSION. PRESS HELP FOR INFO.

Reason:

You have attempted to jump to a product that you are already using.

Action:

You must exit the product you are currently in to get back to your existing product session.

PT289E

THE ATTACHED VERSION OF DB2 DOES NOT SUPPORT DDF. PF1 FOR HELP.

Reason:

Your SQL statement references a remote location. The attached version of DB2 does not support the Distributed Data Facility (DDF). DDF is only supported by DB2 V2.2 and above.

PT290E

DATASET NAME MUST BE FILLED IN.

Reason:

You cannot continue without specifying a partitioned data set name.

PT291E

INVALID CHARACTERS IN DATASET NAME.

Reason:

Dataset names can contain only letters, numbers, \$, @, and #. A data set name cannot start with a number.

PT292E

DUPLICATE MEMBERS SPECIFIED.

Reason:

The member you specified already exists in this data set.

Action:

Specify another member name.

PT293E

NO MEMBER SPECIFIED AFTER PAREN.

Reason:

You put an opening parenthesis at the end of the data set name, but you did not specify a member.

Action:

Remove the opening parenthesis or specify a member and close the parenthesis.

PT294E

MEMBER NAME IS TOO LONG.

Reason:

The member name you specified is too long. Dataset member names can only be 8 characters long.

Action:

Enter a shorter member name.

PT295E**DATASET NAME IS TOO LONG.****Reason:**

The data set name you specified is too long.

Action:

Enter a shorter data set name.

PT296E**MEMBER NAME IS INVALID****Reason:**

The member name you specified is invalid. A member name can contain only letters, numbers \$, @, or #. It cannot start with a number.

Action:

Enter a valid member name, or leave the field blank to access the member selection list.

PT297E**A QUALIFIER IN THE DATASET NAME IS INVALID.****Reason:**

A qualifier in the data set name that you specified is invalid. Qualifiers can only contain letters, numbers, \$, @, or #. They cannot start with numbers.

Action:

Correct the data set qualifier and try again.

PT298E**UNABLE TO ALLOCATE DATASET.****Reason:**

The data set specified cannot be allocated. If the partitioned data set is being used in another process, you cannot use it here.

Action:

Specify a different data set name.

PT299E

MEMBER SPECIFIED FOR NON-PARTITIONED DATASET.

Reason:

The member you specified belongs to a non-partitioned data set. You must specify a member of a partitioned data set.

Action:

Enter a different data set name and member name.

PT300E

UNABLE TO OPEN THE REQUESTED DATASET.

Reason:

You have requested a data set that cannot be opened.

Action:

Check to make sure the data set and member names are valid and that the data set is not already in use.

PT301E

OUTPUT MEMBER EXISTS AND "REPLACE = NO" WAS SPECIFIED.

Reason:

CA products cannot use the output member specified because it already exists.

Action:

You must specify a different output member, or else change the REPLACE field to "YES".

PT302I

SELECT A MEMBER FOR PROCESSING.

Reason:

You have specified a partitioned data set without specifying a member name.

Action:

Select a member from the displayed member selection list to continue.

PT303I**NO MEMBER WAS SELECTED FOR PROCESSING.****Reason:**

You did not select a member from the member selection list, so processing was canceled.

Action:

You can enter a member name in the member field, or return to the member selection list again.

PT304E**THE INPUT MEMBER SPECIFIED DOES NOT EXIST.****Reason:**

The specified member does not exist in the data set specified.

Action:

Check the member name, or use the member selection list to select a member. (To access the member selection list, leave the member field blank, or enter a wildcard pattern.)

PT305E**"REPLACE = NO" WAS SPECIFIED WITHOUT SPECIFYING AN OUTPUT MEMBER.****Reason:**

CA products do not have a member to use for output, since you set the REPLACE field to "NO" and left the MEMBER field blank.

Action:

Change the REPLACE field to "YES" or enter a member name in the MEMBER field.

PT306E

ONLY ONE MEMBER MAY BE SELECTED.

Reason:

You tried to select multiple members from the selection list. Only one member can be selected at a time.

Action:

Blank out the 'S' next to all members except one.

PT307E

VALID OPTIONS ARE S (SELECT), B (BROWSE) AND E (EDIT).

Reason:

The only line commands you can enter next to a member name are S, B or E.

Action:

Enter one of these commands to continue.

PT308E

YOU MUST ENTER A MODEL ID FOR CREATION.

Action:

Enter a name for the new model ID you are creating (templating). The model ID name field is in the header.

PT309E

EMBEDDED BLANKS INVALID IN MODEL ID.

Reason:

You cannot have embedded blanks in a model ID name.

Action:

Remove the blanks.

PT310E**INVALID CHARACTERS IN MODEL ID.****Reason:**

The only characters you can use in a model ID name are letters, numbers, \$ @ and #. A model ID name cannot start with a number.

PT311E**YOU MUST ENTER A VALID SHARE OPTION (Y,N,U).****Reason:**

The Share option must be set to one of the following values: Y, N, or U.

PT312E**YOU HAVE ENTERED AN INVALID LINE COMMAND. PRESS HELP FOR INFORMATION.****Reason:**

The line command you entered is not valid.

Action:

Use one of the following commands: B, T, U, or D.

PT313E**YOU HAVE ENTERED A RESTRICTED LINE COMMAND. PRESS HELP FOR INFORMATION.****Reason:**

Some line commands can only be used on models that reside in the user library. U (update) and D (delete) are restricted commands. They can only be used on model IDs that have a share option of "U" or that you created. You can use B (browse) and T (template) on any model ID listed.

PT314E

YOU HAVE ENTERED AN INVALID GENERAL MODEL SERVICES COMMAND.

Reason:

The command you entered at the COMMAND prompt is not available in Model Services. Type '?' at the COMMAND prompt to get a list of valid commands. In addition to those, the following commands are valid:

- CANCEL
- END
- EXIT
- HEADER
- MAIN
- =X

PT315E

DUPLICATE MODEL ID, PLEASE SPECIFY ANOTHER.

Reason:

The model ID you specified already exists.

Action:

Enter a new name for the model ID being created.

PT316E

MODEL ID DOES NOT EXIST.

Reason:

The model ID you specified does not exist.

Action:

You must enter an existing model ID name, except when you are templating a new model ID. Use "*" to generate a selection list of existing model IDs.

PT317E

MODEL ID IS NOT SHAREABLE.

Reason:

This model ID and its members can only be updated by its creator.

PT318E

SUPPLY A NEW MODEL ID FOR YOUR TEMPLATED MODEL.

Reason:

You indicated that you wanted to template a new model ID, but you did not enter a new model ID name.

Action:

Enter the new MODEL ID name.

PT319E

YOU HAVE ENTERED AN INVALID LINE COMMAND. PRESS HELP FOR INFORMATION.

Reason:

The line command you entered is not valid.

Action:

The following commands are valid: I, D, R, X, S, B, and E.

PT320E

YOU MUST ENTER A UTILITY NAME.

Action:

Before Model Services can process your command, you must enter a utility name in the line being worked with.

PT321E

EMBEDDED BLANKS INVALID IN UTILITY NAME.

Reason:

Utility names cannot have blanks in them.

Action:

Replace the blanks with "_" or remove them completely.

PT322E

INVALID CHARACTERS IN UTILITY NAME.

Reason:

The only characters you can use in a utility name are letters, numbers, \$ @ _ and #. A utility name can not start with a number.

PT323E

YOU MUST ENTER A VALID OBJECT TYPE.

Reason:

The object type you entered is not valid. Valid types are as follows:

- SG
- V
- DB
- A
- TS
- S
- T
- P
- I
- PK

PT324E

UNABLE TO ALLOCATE THE MODEL MEMBER.

Reason:

The model member you specified cannot be allocated. If the partitioned data set is being used in another current process, you cannot use it here.

PT325E

THE MODEL DATASET IS NOT PARTITIONED.

Reason:

The model data set must be a partitioned data set.

Action:

Enter the name of a partitioned data set.

PT326E

UNABLE TO OPEN THE MODEL MEMBER.

Reason:

The model member you specified cannot be opened.

PT327E

DUPLICATE UTILITY, PLEASE SPECIFY ANOTHER.

Reason:

The utility you specified already exists in this model ID for the type of object you specified.

Action:

Enter a new utility name.

PT328E

YOU HAVE ENTERED AN INVALID LINE COMMAND. PRESS HELP FOR INFORMATION.

Reason:

The line command you entered is not valid on this screen. The following commands are valid only when you have edit authority in a member: I, D, or R.

There are no line commands you can use when you do not have edit authority.

PT329E

YOU MUST ENTER A SYMBOL NAME.

Reason:

A symbol name must be included when you insert a new symbol.

PT330E

EMBEDDED BLANKS INVALID IN SYMBOL NAME.

Reason:

Symbol names cannot have blanks in them.

Action:

Remove the blanks in symbol names.

PT331E

INVALID CHARACTERS IN SYMBOL NAME.

Reason:

The only characters you can use in a symbol name are letters, numbers, \$ @ and #. A symbol name cannot start with a number.

PT332E

DUPLICATE SYMBOL NAME, PLEASE SPECIFY ANOTHER.

Reason:

You specified a symbol name already used in this model member.

Action:

Enter a different name.

PT333E

YOU HAVE USED A RESTRICTED LINE COMMAND.

Reason:

R (Repeat) and D (Delete) are only valid on user defined symbols.

PT334I**MODEL SUBSTITUTION PERFORMED.****Reason:**

This message tells you that changes to the data you made have been saved in the Model ID. Model substitution is performed when you press Enter with no line commands.

Action:

To avert Model substitution, press END (PF3) immediately after making changes to the data using line commands.

PT335I**MODEL SUBSTITUTION AVERTED.****Reason:**

This message tells you that changes to the data you made have NOT been saved in the Model ID.

Action:

To perform a Model substitution, press Enter with no line commands. If you press END (PF3) immediately after making changes to the data using line commands, the substitution is averted.

PT336E**YOU HAVE USED A RESTRICTED LINE COMMAND.****Reason:**

E (Edit), R(Repeat) and I(Insert) can only be used on model members that you own, or that are shareable.

PT337E**YOU MUST ENTER A MEMBER NAME.****Reason:**

A member name must be specified before the requested action can be completed.

PT338E

EMBEDDED BLANKS INVALID IN MEMBER NAME.

Reason:

Member names cannot have blanks in them.

Action:

Remove blanks in member names.

PT339E

INVALID CHARACTERS IN MEMBER NAME.

Reason:

The only characters you can use in a model member name are letters, numbers, \$ @ and #. A model member name cannot start with a number.

PT340E

YOU MAY ONLY SELECT ONE LOCATION.

Reason:

To select a location, enter "S" next to the appropriate location ID. Only one location may be selected.

PT341E

YOU MUST ENTER A USER LIBRARY BEFORE EDITING A MODEL MEMBER.

Reason:

You tried to use the E(edit) line command for a Model ID that uses only the INSTALL LIB.

Action:

You must specify a USER LIB before editing the member.

PT342E

SELECT OPTION MUST BE D, S, T, OR Z. PRESS HELP FOR MORE INFORMATION.

Reason:

There are only four select options (line commands) which are valid on this screen. They are as follows: D, S, T, and Z.

PT343E

MAP NUMBER MUST BE NUMERIC. PRESS HELP FOR MORE INFORMATION.

Reason:

The MAP number must correspond to a source column number (SRC#) to be valid.

PT344E

MAP NUMBER IS OUT OF RANGE. PRESS HELP FOR MORE INFORMATION.

Reason:

The MAP number must correspond to a source column number (SRC#) to be valid.

Action:

Check the source column to which you want to map this target column and try again.

PT345E

MULTIPLE TARGET COLS MAPPED TO SAME SOURCE COL. PRESS HELP FOR INFORMATION.

Reason:

There must be a one-to-one correspondence in the target column to source column mapping. The SRC# you entered has already been used for another target column.

PT346E

INVALID MODEL ID REPLACED WITH DEFAULT.

Reason:

The model ID you entered was invalid. The system has replaced it with @DEFAULT.

PT347E

INVALID COLUMN TYPE CONVERSION. PRESS HELP FOR MORE INFORMATION.

Reason:

You have specified an invalid column type conversion.

PT348E

NO LIST EXISTS TO REDISPLAY. PRESS HELP FOR MORE INFORMATION.

Reason:

The Drop Impact option was not set to Y, or no Drop Impact list was returned. In case, there is no list which can be displayed in response to the IMPACT command.

Action:

Enter RO from the Drop Object selection list screen to get an options screen on which the Drop Impact display options may be reset.

PT349I

rqtab HAS rqcnt ROW(S).

PT350I

VALID VALUES FOR DEVICE TYPE ARE 3350,3375,3380, OR 3390.

Reason:

You have entered an invalid value in the Device Type field. The value entered in this field represents the DASD device type. Valid values are 3350, 3375, 3380 or 3390.

Action:

To correct this problem, enter a valid value in the Device Type field and press Enter.

PT351I

PAGE SIZE MUST BE 4K OR 32K.

Reason:

You have entered an invalid value in the Page Size field. The value in this field represents the page size in the tablespace. Valid values are 4k or 32k.

Action:

To correct this problem, enter a valid value in the Page Size field and press Enter.

PT352I

FREEPAGE MUST BE NUMERIC. VALID VALUES ARE BETWEEN 0 AND 255.

Reason:

You have entered an invalid value in the Freepage field. The value of this field represents how often to leave a free page in a table during a table load or a table reorg. Valid values are any number between 0 and 255, inclusive.

Action:

To correct this problem, enter a valid value in the Freepage field and press Enter.

PT353I

PCTFREE MUST BE NUMERIC. VALID VALUES ARE BETWEEN 0 AND 99.

Reason:

You have entered an invalid value in the Pctfree field. The value of this field represents what percent of each page is left free during a table load or a table reorg. Valid values are any number between 0 and 99, inclusive.

Action:

To correct this problem, enter a valid value in the Pctfree field and press Enter.

PT354I

SECQTY PCT MUST BE NUMERIC.

Reason:

You have entered an invalid value in the Secqty Pct field. The value of this field represents the secondary quantity percent, which is used to determine the secondary quantity by taking a percent of the primary quantity. Valid values are any number between 0 and 99, inclusive.

Action:

To correct this problem, enter a valid value in the Secqty Pct field and press Enter.

PT355I

SEG SIZE MUST BE NUMERIC AND A MULTIPLE OF 4 LESS THAN 64. PF1 FOR MORE INFORMATION.

Reason:

You have entered an invalid value in the Seg Size field. The value entered in this field represents the table space segment size. Valid values are multiples of 4, from 0 to 64. For example, 0, 4, 8, 12...64 are valid values.

Action:

To correct this problem, enter a valid value in the Seg Size field and press Enter.

PT356I

VALID VALUES FOR QTY TYPE ARE ROW, TRK, AND CYL.

Reason:

You have entered an invalid value in the Qty Type field. The value of this field tell you what is being measured in the quantity field. Valid values are ROW, TRK, or CYL.

Action:

To correct this problem, enter a valid value in the Qty Type field and press Enter.

PT357I

VALID VALUES FOR VOLUME ARE N, S, OR V.

Reason:

You have entered an invalid value in the Volume field. Volume is used to access the Space Locator function of the Space Calculator.

Valid values are: N, S, and V.

Action:

To correct this problem, enter a valid value in the Volume field and press Enter.

PT358E

QUANTITY MUST BE NUMERIC. PRESS PF1 FOR MORE INFORMATION.

Reason:

Character data has been entered for the Quantity.

Action:

Enter a number for Quantity. The Quantity refers to the Quantity Type field (from the Control Parameters section). The number indicates the number of units for the specified Quantity Type (row, track, or cylinder).

PT359I

ENTER "TOTALS" COMMAND TO VIEW CALCULATED SPACE STATISTICS. PRESS PF1 FOR HELP.

Reason:

Informs you that the total DASD space requirements for your table space have been calculated.

Action:

To view the calculated space statistics, enter "T" or "TOTALS" in the Space Calculation screen's command line. Press Enter. The calculated totals appear at the bottom of your screen. To remove the totals from the screen, enter "T" or "TOTALS" again in the command line. The (T)OTALS command works as a toggle. The displayed totals are recalculated each time you change the input information.

PT360E

INVALID LINE COMMAND. ENTER D, E, I OR R. PRESS HELP FOR MORE INFORMATION.

Reason:

An invalid line command has been entered at the Space Calculation screen.

Action:

Enter one of these commands: D, E, I or R.

PT361E

ROW LENGTH MUST BE NUMERIC.

Reason:

Character data has been entered for the Row Length. Enter a number. The Row Length is your estimate of how long each row can be.

PT362I

THE SEGSIZE HAS BEEN RESET TO NEAREST MULTIPLE OF 4 LESS THAN 68.

Reason:

Informs you that the specified table space segment size was invalid. The segment size has been reset to the nearest multiple of 4 which is less than 68.

PT363I

THE FREEPAGE VALUE HAS BEEN RESET TO THE MAXIMUM VALUE OF 255.

Reason:

Informs you that the Freepage field has been set to 255. This is done when you enter a value larger than 255, which is the maximum value for Freepage.

PT364I

THE AVG DUPLICATES VALUE HAS BEEN RESET TO THE MAXIMUM VALUE OF 255.

Reason:

You have selected to use the Index Space Calculation feature. This message occurs when you enter a value greater than 255 in the Avg Duplicates field. When you press Enter, the maximum value (255) is automatically inserted as the average number of duplicate indexes.

Action:

Enter a lower number than 255 or keep the value at 255.

PT365E

YOU ALREADY HAVE AN ACTIVE COMPILE/QQF SESSION. PRESS HELP FOR MORE INFORMATION.

Reason:

You attempted to jump to a product you are already using.

Action:

You must exit the product you are currently in to get back to the product you want.

PT366E

UNABLE TO LOAD DSNHDECP. IBM DEFAULTS WILL BE USED.

Reason:

A LOAD request for the DB2 DSNHDECP module has failed. The products load the DSNHDECP module to determine the release level of the attached DB2 subsystem. DSNHDECP will be loaded from the DB2 software libraries specified in the parmlib.

Action:

Verify that libraries named in the SETUP member of CDBAPARM are correct.

PT366I

SELECTED COL(S) WIDTH EXCEEDS SCREEN WIDTH, BYTE SCROLLING IN EFFECT.

Reason:

Indicates that the horizontal scrolling mode has been switched from column scrolling (the default) to byte scrolling. When byte scrolling is in effect, a column's data may be split across screens so that only a portion of the data is visible. Data will be scrolled LEFT/RIGHT by bytes, rather than by column. Byte scrolling has been turned on because the width of one or more of the columns selected in your query exceeds the width of the screen. These columns would not be visible in scroll by column mode.

PT367I

PLEASE CHOOSE AN OPTION FROM THE LIST SHOWN.

Action:

You must select at least one option from the list shown.

PT368I

SQL STATEMENT LENGTH EXCEEDS 32K. TREE COMMAND BYPASSED.

Reason:

Your installation password module contains a product password that will expire soon.

Action:

Execute the PASSWORD command for more detailed information on product and CPU passwords.

PT369E

THE MODEL SERVICES TABLE IS EMPTY. PRESS HELP FOR MORE INFORMATION.

Reason:

Your installation does not have the Model Services DB2 Table properly loaded for this subsystem.

Action:

Refer to the Installation Guide for more information.

PT370W

AT LEAST 1 CA-DB2 PRODUCT KEY EXPIRES IN THE NEXT 30 DAYS.

Reason:

Your installation is using an over ride password to allow entry to your purchased products. That password will expire within the next 30 days.

Action:

A valid product key is required to continue using the products. Contact Technical Support for more information.

PT371I

A TRIALED PRODUCT PASSWORD WILL EXPIRE ON date.

Reason:

Your installation password module contains a product password that will expire soon.

Action:

Execute the PASSWORD command for more detailed information on product and CPU passwords.

PT372I

SELECTED COL(S) WIDTH EXCEEDS SCREEN WIDTH, BYTE SCROLLING IN EFFECT.

Reason:

The horizontal scrolling mode has been switched from column scrolling (the default) to byte scrolling. When byte scrolling is in effect, a column's data may be split across screens so that only a portion of the data is visible. Data will be scrolled left/right by bytes rather than by column. Byte scrolling has been turned on because the width of one or more of the columns selected in your query exceeds the width of the screen. These columns would not be visible in scroll by column mode.

PT373E

INVALID DATA CAPTURE VALUE SPECIFIED. PF1 FOR HELP.

Reason:

The value specified for the DATA CAPTURE field is invalid. Valid values for this prompt are as follows: NONE and CHANGES.

PT374E

AN OVERLAY OF DBCS CHARACTERS WOULD CAUSE TRUNCATION OF DATA.

Reason:

An overlay of DBCS data would cause data truncation. The characters overlaid included some SO SI characters that were inserted so that the data could be properly displayed. These SO SI characters are not part of the actual data, so if they are overtyped by SBCS characters the resulting string becomes longer than the original string.

Action:

Correct the overwrite or blank out some trailing characters at the end of the string so that resulting string may fit into the original string.

PT375E

MODEL MEMBER SPECIFIED IS EMPTY.

Reason:

The model member specified contained no lines.

Action:

Specify a model member that contains lines.

PT377

YOU ALREADY HAVE AN ACTIVE PGF SESSION. PRESS PF1 FOR MORE INFORMATION.

Reason:

Indicates that you have attempted to jump to a product that you are already using.

Action:

You must exit the product you are currently in to get back to the product you want.

PT379

YOU ALREADY HAVE AN ACTIVE PKG SESSION. PRESS PF1 FOR MORE INFORMATION.

Reason:

Indicates that you have attempted to jump to a product that you are already using.

Action:

You must exit the product you are currently in to get back to the product you want.

PT380E

DESTINATION LENGTH ERROR

Reason:

The value specified in the Destination field has an incorrect length. The value may be a field of up to eight characters followed by a comma and then another field of up to eight characters or one eight character field.

PT381E

YOU ALREADY HAVE AN ACTIVE PRA SESSION. PRESS PF1 FOR MORE INFORMATION.

Reason:

You attempted to jump to a product you are already using.

Action:

You must exit the product you are currently in to get back to the product you want.

PT382E

UNABLE TO ESTABLISH BROWSE SESSION ON REQUESTED DATASET.

Reason:

The BROWSE session for the data set you requested was not able to be established. The most common reasons for failure are NEW or MOD data set dispositions, or empty data set.

PT383E

VALID SELECTION CODES ARE B-BROWSE OR E-EDIT.

Reason:

You have entered an invalid line command. The only line commands you can enter on this screen are B (browse) or E (edit).

PT384E**AN INCOMPLETE QUOTED OR APOSTROPHIZED STRING HAS BEEN ENCOUNTERED.****Reason:**

An incomplete character string constant or delimited SQL identifier was detected while parsing your SQL statement. A closing quote or apostrophe is missing.

Action:

Carefully read through your SQL statement making sure all delimited SQL identifiers and character string constants are terminated with a quote or an apostrophe. If necessary, use the FIND command to locate the opening quote or apostrophe.

PT385E**AN INCOMPLETE HOST VARIABLE HAS BEEN ENCOUNTERED.****Reason:**

An incomplete host variable was detected while parsing your SQL statement. Host variable names are preceded by a colon (:). CA SQL-Ease has detected a colon that is not followed by a host variable name.

Action:

Delete the colon, or add a host-variable name immediately after the colon. If necessary, use the FIND command to locate the colons in your SQL statement.

PT386E**AN INCOMPLETE HEX CONSTANT HAS BEEN ENCOUNTERED.****Reason:**

An incomplete hexadecimal string constant was detected while parsing your SQL statement. A closing quote or apostrophe is missing. A valid hex string constant consists of an X followed by an even number of hexadecimal digits delimited by string delimiters. An example of a valid hex string constant is: X'F0F1F2.

Action:

Carefully read through your SQL statement making sure all string constants are terminated with a quote or an apostrophe. If necessary, use the FIND command to locate the opening quote or apostrophe.

PT387E

AN INCOMPLETE OR INVALID GRAPHIC OR DBCS STRING HAS BEEN DETECTED.

Reason:

An incomplete or invalid graphic string constant was detected while parsing your SQL statement.

In a PL/I program, the format of a graphic string is <'****'G>. Where < represents the shift out character X'0E'; > represents the shift in character X'0F"; * represents a valid Double Byte character; ' represents the DBCS string delimiter X'427D'; and G represents the DBCS character X'42C7.

In all other contexts, a graphic string must be specified in one of the following two formats: G'<'****>' or N'<'****>'. Where < represents the shift out character X'0E'; > represents the shift in character X'0E'; * represents a valid Double Byte character; and ' represents the EBCDIC string delimiter X'7D'.

This error could also be an indication that your SQL statement contains an incomplete DBCS string (i.e. a string that begins with a SHIFT OUT, X'0E', but is not terminated with a SHIFT IN, X'0F').

PT388E

YOU ALREADY HAVE AN ACTIVE VIS SESSION. PRESS PF1 FOR MORE INFORMATION.

Reason:

You attempted to jump to a product you are already using.

Action:

You must exit the product you are currently in to get back to the product you want.

PT389E

YOU ALREADY HAVE AN ACTIVE PQO SESSION. PRESS PF1 FOR MORE INFORMATION.

Reason:

You attempted to jump to a product you are already using.

Action:

You must exit the product you are currently in to get back to the product you want.

PT390W**MESSAGES ISSUED DURING PARMLIB PROCESSING, ENTER STATUS FOR DETAILS.****Reason:**

A non-serious error has occurred during parmlib processing. The STATUS command should be entered to see what has occurred. the STATUS command will display each CDBAPARM member processed along with status messages.

PT391E**ERRORS OCCURRED DURING PARMLIB PROCESSING.****Reason:**

A serious error has occurred during parmlib processing. The STATUS command should be entered to see what has occurred. The STATUS command will display each CDBAPARM member processed along with status messages. The problem must be corrected before rerunning.

PT393E

ACM: *acm* **ACMID:** *acmid*.

Reason:

This informational message displays the current ACMID and if ACM is ON or OFF.

PT394I

CURRENT SQLID: *sqlid*.

Reason:

This informational message displays the current SQLID.

PT395I

QFILE REQUEST COMPLETED.

Reason:

Your QFILE request was completed.

PT396E

QFILE REQUESTED FAILED.

Reason:

Your QFILE request has failed due to environmental problems.

Action:

Check your Print Parameters Profile and retry the QFILE request.

PT397I

PFILE REQUESTED COMPLETED.

Reason:

Your PFILE request was completed.

PT398E

PFILE REQUEST FAILED.

Reason:

Your PFILE request has failed due to environmental problems.

Action:

Check your Print Parameters Profile and retry the PFILE request.

PT399

DETECTOR SESSION IS ALREADY ACTIVE, PRESS PF1 FOR MORE INFORMATION.

Reason:

You have attempted to jump to a product that you are already using.

Action:

You must exit the product you are currently in to get back to the product you desire.

PT400E

DYNAMIC ALLOCATION ERROR, RC=*code*;RSN=*code*;INFO=*code*.

Reason:

The Dynamic Allocation has failed for the data set name that you specified for the current function. The message provides you with the DYNALLOC return code, INFO code, and ERROR code. This allows you to locate the problem in the appropriate IBM macro manual.

PT401E

REPORT FILE OPEN ERROR.

Reason:

An output file open error has been encountered.

Action:

Check your Print Parameters Profile and retry.

PT402E

DYNAMIC DE-ALLOCATIONS ERROR, RC=*code*;RSN=*code*;INFO=*code*.

Reason:

The Dynamic Allocation has failed for the data set name that you specified for the current function. The message provides you with the DYNALLOC return code, INFO code, and ERROR code. This allows you to locate the problem in the appropriate IBM macro manual.

PT403I

QFILE REQUEST CANCELED.

Reason:

Your QFILE request was canceled.

PT404I

PFILE REQUEST CANCELED.

Reason:

Your PFILE request was canceled.

PT405E

REQUESTED OBJECT NOT FOUND.

Reason:

The object you specified was not found.

PT406E

SELECTION REQUIRED.

Action:

You must enter S to select one or more of the available options.

PT407E

UNABLE TO COMPLETE PROCESSING FOR DISPLAYED INPUT.

Reason:

The Batch Processor input encountered an error before being able to process the displayed input.

Action:

Correct the error and resubmit.

PT408E

YOU ALREADY HAVE AN ACTIVE PLA SESSION. PRESS PF1 FOR MORE INFORMATION.

Reason:

You have attempted to jump to a product that you are already using.

Action:

You must exit the product you are currently in to get back to the product you desire.

PT409I

YOU ALREADY HAVE AN ACTIVE PDN SESSION. PRESS PF1 FOR MORE INFORMATION.

Reason:

You have attempted to jump to a product that you are already using.

Action:

You must exit the product you are currently in to get back to the product you desire.

PT410E

ENTER DB2 OR EXT (EXTERNAL) FOR THE COMPRESSION TYPE.

Reason:

The compression type entered was invalid. The following options are valid:

- DB2
- EXT

PT411E

ENTER 127 OR 255 FOR THE MAXIMUM NUMBER OF ROWS PER PAGE.

Reason:

The value for the maximum number of rows per page was invalid. Valid values are as follows: 127 and 255.

PT412E

VARIABLE RECORD LENGTH OUTPUT IS NOT SUPPORTED.

Reason:

A variable length record output file cannot be used with this command. Only a fixed length record may be used.

PT413E

INVALID VALUE FOR LOCKMAX PARAMETER. PRESS PF1 FOR HELP.

Reason:

You have specified an invalid number for the LOCKMAX parameter. Valid values are numbers from 0 through 2,147,483,647, or SYSTEM. A value of zero indicates no threshold for escalating the locks. An integer value indicates that when the indicated number of locks has been reached, the locks will be escalated. A value of SYSTEM indicates that the LOCKMAX threshold value has been set during the installation of DB2.

PT414E

INVALID VALUE FOR INDEX TYPE. PRESS PF1 FOR HELP.

Reason:

You have specified an invalid value for the index type. Valid values are 1, 2, or a space, which is treated as a 1. If the LOCKSIZE attribute of the tablespace in which the table to be indexed exists is ROW, index type must be 2. Otherwise, type is accepted.

PT415E

BLANK BPID. UNABLE TO COMPLY WITH YOUR REQUEST. HELP FOR INFO.

Reason:

You requested to EDIT, BROWSE or re-SUBMIT the DDL of a job whose BPID is blank. Jobs with blank BPIDs cannot be edited, browsed or re-submitted for execution because it is not possible to identify and locate the job's DDL without a valid BPID.

PT416E

UNRECOGNIZABLE BPID TYPE PREVENTS REQUESTED ACTION. HELP FOR INFO.

Reason:

You requested to EDIT, BROWSE or re-SUBMIT the DDL of a job whose BPID contains an unrecognizable format. In order for the Execution Display Facility to identify and locate the job's DDL, the BPID must be in one of the following recognizable formats:

datasetname

Specifies the sequential data set in which the job's DDL resides.

datasetname-member

Specifies that the job's DDL is a member in the partitioned data set data set name.

creator-strategy-user-timestamp

Specifies that the job's DDL is managed by RC/MIGRATOR in a DB2 table.

Note: The dashes (-) are required delimiters. The number of dashes in the BPID determines the presumed format of the BPID and where the Execution Display Facility is to look for the job's DDL (i.e., a sequential file, partitioned data set or an product-managed DB2 table).

PT417E**INVALID BPID PREVENTS REQUESTED ACTION. HELP FOR INFO.****Reason:**

You requested to EDIT, BROWSE or re-SUBMIT the DDL of a job whose BPID is in a recognizable format, but contains invalid data or fields. In order for the Execution Display Facility to identify and locate the job's DDL, the BPID must have valid data in each field (if more than one field, each is separated by a dash (-)), as follows:

datasetname

Specifies the sequential data set. *data setname* may not exceed 44 characters.

datasetname-member

Specifies the partitioned data set. *data setname* may not exceed 44 characters. *member* must be 1 to 8 characters.

creator-strategy-user-timestamp

Specifies the CA RC/Migrator managed DB2 table output. *Creator*, *strategy*, and *user* must each be 1 to 8 characters. *timestamp* must be 16 characters.

PT418I**DSNCHAR COMMAND IS OBSOLETE. USE BPIDCHAR INSTEAD. HELP FOR INFO.****Reason:**

The DSNCHAR command is no longer supported and has been replaced with the BPIDCHAR command.

Action:

Use the BPIDCHAR command in order to modify the width of the BPID column on the Execution Display.

PT420E**Requested model &mod1 not found****Reason:**

The specified model name cannot be found in the current model library.

Action:

Verify that you have entered the model name correctly, and that the model member exists in the model library.

PT421E

ERROR: '#INCLUDE i-model' in model e-model not found

Reason:

The application encountered a not-found condition while attempting to read the PTIMODEL dataset for the *i-model* model member. The missing member is referenced in an #INCLUDE directive from the *e-model* model member, which is currently being processed.

Action:

Do the following:

- Check the PTIMODEL allocation. The PTIMODEL DD does not support concatenation.
- Verify that the *i-model* model name is not misspelled on the #INCLUDE statement within the *e-model* model.
- Verify that the *i-model* model exists in the model library data set.

PT422E

Model &mod2 recursively included model &mod1

Reason:

Model &mod2 contains an #INCLUDE &mod1 statement where model &mod1 and &mod2 are the same model. This cannot be processed because it would result in an infinite loop of inclusion.

Action:

Remove the self reference.

PT423E

Requested model &mod1 cannot be accessed

Reason:

An error occurred while accessing the named model. This is not the normal "not found" error, and usually indicates a corrupted data set.

Action:

Examine the data set, verify the integrity of the model, and then retry your request.

PT424E**Model &mod1 has invalid #INCLUDE statement****Reason:**

The specified model includes a syntactically invalid #INCLUDE statement.

Action:

Check the &mod1 model and verify that the name following the #INCLUDE statement meets the following criteria:

- It is separated by at least one blank.
- It is a valid PDS member name (1–8 characters in length).
- It terminates before column 72.

PT425E

**Model &MOD1 has invalid #SET statement syntax:
%VARNAME = MYVALUE has to follow the #SET. Press
HELP while this message is displayed for general
#SET information.**

Reason:

The specified model contains a syntactically invalid #SET statement.

Action:

Correct the syntax and try again. The following #SET syntax is valid:

```
#SET %VARNAME = MYVALUE
```

PT426E

**Model &MOD1 has invalid #SET statement syntax:
Length of %VARNAME in last #SET displayed must be
between 1 and 8 characters. Press HELP while this
message is displayed for general #SET information.**

Reason:

The specified model contains a syntactically invalid #SET statement.

Action:

Correct the syntax and try again. The following #SET syntax is valid:

```
#SET %VARNAME = MYVALUE
```

PT427E

**Model &MOD1 has invalid #SET statement syntax:
Equal sign missing in the last #SET displayed.
Press HELP while this message is displayed for
general #SET information.**

Reason:

The specified model contains a syntactically invalid #SET statement.

Action:

Correct the syntax and try again. The following #SET syntax is valid:

```
#SET %VARNAME = MYVALUE
```

PT428E

**Your model JCL contains an invalid #SET statement.
Overriding existing automatic symbolics is not allowed.
Remove #SET for the %&MOD1 symbolic. Press HELP while
this message is displayed for general #SET information.**

Reason:

The application detected an attempt to override an automatic symbolic (such as %DBNAME) or a system automatic symbolic (such as %PTILIBx).

Action:

Rename the #SET variable, verify that the variable name does not conflict with automatic symbolics or system automatic symbolics, and try again.

PT500E

AN ERROR OCCURRED WHILE ATTEMPTING TO ALLOCATE STORAGE.

Reason:

An error has occurred while attempting to allocate storage. The region size for your TSO session may be too small.

Action:

Attempt to increase the size.

PT501E

AN ERROR OCCURRED DURING THE DB2 SSID/LOCATION SELECTION PROCESS.

Reason:

An error has occurred while processing the DB2 SSID/Location selection process.

Action:

Verify with the product installer that all data sets required to execute products are allocated and that you have read authority for those data sets.

PT502E

SSID/LOCATION WAS NOT SELECTED. ENTER SSID/LOCATION OR ? FOR LIST.

Reason:

An SSID/Location was not selected during the DB2 SSID/Location selection process.

Action:

Specify a valid SSID/Location or enter a question mark (?) for a selection list.

PT503I to PT518I

PT503I THE REQUESTED COMMAND REQUIRES AN RC/UPDATE LICENSE.

PT504I SELECT A MEMBER TO COMPLETE THE COPY COMMAND.

PT505I SELECT A MEMBER TO COMPLETE THE CREATE COMMAND.

PT506I SELECT A MEMBER TO COMPLETE THE REPLACE COMMAND.

PT507I THE DCREATE COMMAND WILL NOT REPLACE A MEMBER THAT EXISTS.

PT508I DCOPY COMMAND PROCESSED SUCCESSFULLY.

PT509I DCREATE COMMAND PROCESSED SUCCESSFULLY.

PT510I DREPLACE COMMAND PROCESSED SUCCESSFULLY.

PT511I AN "A" OR "B" LINE COMMAND IS REQUIRED FOR THE DCOPY COMMAND.

PT512I AN "M", "C", A SET OF "MM" OR "CC" COMMANDS IS NEEDED FOR THE COMMAND.

PT513E DATASET NAME ENTERED WAS INVALID, CORRECT AND RETRY.

PT514E THE MEMBER MUST EXIST FOR THE DREPLACE COMMAND.

PT515I THE DCREATE COMMAND MUST BE APPLIED TO A PARTITIONED DATASET.

PT516I PLEASE SPECIFY A NEW MEMBER FOR THE PARTITIONED DATASET.

PT517E AN ERROR HAS OCCURRED DURING YOUR LOG MAINT SESSION.

PT518I UTILITY *utilexl* EXCLUDED, UTILITY *utilexla* ACTIVATED

Reason:

Indicates that since the utility *utilexl* was excluded, its mutually exclusive utility *utilexla* was activated for this model. The program requires certain utility functions to be available during analysis. These functions included Bind, Check Data, Image Copy, Load, Rebind, Reorg, Runstats and Unload.

To support the CA Utilities, one of the following pairs of mutually exclusive utilities must be active:

- To perform an image copy, IBM's COPY or QCOPY (CA Quick Copy).

To load a table, IBM's LOAD or FLOAD (CA Fast Load).

- To reorg a tablespace, IBM's REORG or RREORG (CA Rapid Reorg).
- To unload, a table UNLOAD or FLUNLD (CA Fast Unload).

PT519E

EXCLUDE FAILED FOR *utilexl*, UTILITY *utilexla* NOT FOUND

Reason:

The *utilexl* utility you tried to exclude cannot be excluded, because its mutually exclusive utility *utilexla* cannot be found in this model member.

For more information, see the PT518I message.

PT520I

UTILITY *utilexl* ACTIVATED, UTILITY *utilexla* EXCLUDED

Reason:

This information message indicates that since the utility *utilexl* was activated, its mutually exclusive utility *utilexla* has been excluded for this model.

For more information, see the PT518I message.

PT521I to PT537I

PT521I UTILITY *utilexl* EXCLUDED.

PT522I UTILITY *utilexl* ACTIVATED.

PT523E UTILITY *utilexl* CANNOT BE DELETED.

PT524I MODEL MEMBER *utilexl* CANNOT BE EDITED.

PT525E EDIT FAILED, MEMBER *utilexl* IN USE.

PT526I MODEL MEMBER *utilexl* SAVED.

PT531I THE DEFAULT VALUES HAVE BEEN DELETED.

PT532I THE DEFAULT VALUES HAVE BEEN UPDATED.

PT533E PLEASE ENTER A NEW USERID AND DESCRIPTION FOR THE TEMPLATED DEFAULTS.

PT534I THE DEFAULT VALUES HAVE BEEN SAVED.

PT535I AN SQL ERROR WAS ENCOUNTERED. THE DEFAULT VALUES WERE NOT SAVED.

PT536E THIS USERID ALREADY EXISTS. PLEASE ENTER A DIFFERENT USERID.

PT537I THE DEFAULTS FLAG IN THE PARMLIB IS SET TO "NO".

Reason:

This informational message notifies you that the DEFAULTS setting in the SETUP member of CDBAPARM is set to NO.

Action:

In order to use the global defaults that are modified by the GLOBAL DEFAULTS facility, you must set this indicator to YES

PT538I

THE COLUMNS BELOW REFLECT PREVIOUS ACTIONS ON THE TABLES.

Reason:

Indicates that at least one of the tables in the VIEW SELECT clause has had its definition altered.

For RC/UPDATE, you have created a table in batch mode during the current session. You have created or altered a table in your current strategy session.

Action:

None.

PT539I

THE PARMLIB DEFAULTS MAY NOT BE UPDATED.

Reason:

Indicates that the parmlib defaults may not be updated using this facility.

Action:

If you need to update these defaults, you must change the DEFAULTS member of CDBAPARM.

PT540E

YOU HAVE AN ACTIVE OBJECT TRACKER SESSION. PRESS HELP FOR INFO.

Reason:

You attempted to jump to a product you are already using.

Action:

You must exit the product you are currently in to get back to the product you want.

PT541E

DATASET HAS AN UNDEFINED RECORD FORMAT. PRESS HELP FOR INFO.

Reason:

The member you have specified for an edit has a record format that is undefined (i.e. RECFM=U). Files with an undefined record format are not able to be edited, they may only be browsed or selected.

PT542E

YOU HAVE ENTERED TOO MANY PARAMETERS. PRESS HELP FOR INFO.

Reason:

You have entered too many parameters for a Select or Edit.

Action:

Ensure that the only parameter you entered is the member name.

PT543E

NO MEMBER SPECIFIED. PRESS HELP FOR INFO.

Reason:

You must specify a member for a Select or Edit command.

PT544E

MEMBER SELECTED DOES NOT EXIST. PRESS HELP FOR INFO.

Reason:

The member you specified for a Select command does not exist in this data set.

PT545E

YOU HAVE AN ACTIVE QUERY ANALYZER SESSION. PRESS HELP FOR INFO.

PT546E

YOU HAVE AN ACTIVE DEPENDENCY ANALYZER SESSION. PRESS HELP.

Reason:

Indicates that you have attempted to jump to a product that you are already using.

Action:

You must exit the product you are currently in to get back to the product you desire.

PT547E

INVALID COMMAND, VALID COMMANDS ARE CT OR CI.

Reason:

Indicates you have entered an invalid command.

Action:

Enter **CT** or **CI**.

PT550E

ALL ENTRIES MUST BE FILLED IN TO CREATE A SPACE STRATEGY.

Reason:

Information is missing on the strategy creation line for the Space Calculator. You must specify the strategy name (8 characters), creator name (8 characters), strategy type (TS or IX), database name (8 characters), and the tablespace or indexspace name (8 characters).

PT551E

ERROR ATTEMPTING TO SAVE STRATEGY - STRATEGY NOT SAVED.

Reason:

An error occurred while saving the strategy. The strategy was not saved.

This error typically occurs when you are attempting to save a strategy using a name that already exists. If this is the case, this message is preceded by an SQL -803 error message.

Another possible cause is that an I/O error occurred during the save attempt.

PT552I

STRATEGY DATA SAVED SUCCESSFULLY.

Reason:

Indicates that no errors were encountered while saving the strategy.

PT553E

ERROR FETCHING STRATEGY.

Reason:

An I/O or catalog fetch error occurred. This problem may be caused by DB2 locks on an object your strategy needs, by an Alternate Catalog Mapping profile, by an I/O error, or by corrupted data.

PT554E

ATTEMPT TO SAVE DUPLICATE STRATEGY - STRATEGY ALREADY EXISTS.

Reason:

You changed one or more fields on the Strategy Save screen, resulting in an attempt to save a duplicate strategy. Update or Save is permitted for the original data on the Strategy Save Screen, but if the displayed data is modified, a Save is assumed. The attempt to save the data under the modified key resulted in an SQL -803 error.

PT555E

NO MATCHING STRATEGY SELECTED FOR COMPARISON.

Reason:

You specified only a single item for comparison or you specified an odd number of items for comparison.

PT556E

MISMATCHED OBJECT TYPES - CANNOT BE COMPARED.

Reason:

You are trying to compare dissimilar objects. For instance, you may be trying to compare a tablespace with an index. You can compare only like objects (tablespaces with tablespaces and indexes with indexes).

PT557E

ERROR DURING COMPARISON DATA RETRIEVE - COMPARISON ABORTED.

Reason:

An I/O or catalog fetch error occurred during comparison data retrieve. This problem may be caused by DB2 locks on an object your strategy needs, by an Alternate Catalog Mapping profile, by an I/O error, or by corrupted data.

PT558E**INVALID DATA DETECTED DURING RECALCULATION PROCESS.****Reason:**

An I/O or catalog fetch error occurred during the recalculation process. The problem may be caused by DB2 locks on an object your strategy needs, by an Alternate Catalog Mapping profile, by an I/O error, or by corrupted data.

PT559E**SHAREOPTION PROHIBITS UPDATE.****Reason:**

An attempt was made to update a strategy created by another SQLID which is not defined as updatable. Only shareoption 'U' strategies belonging to other IDs may be updated.

PT560E**DO NOT USE VOLUME INFORMATION FOR SMS ALLOCATIONS.****Reason:**

You specified volume information for an allocation managed by SMS. SMS data set placement is controlled entirely by SMS, based on MANAGEMENTCLASS, STORAGECLASS, and DATACLASS parameters established by your storage administrator, and cannot be modified.

Action:

See your local systems programmer or storage administrator for more information on your installation's use of SMS.

PT561E**EQF NOT AVAILABLE FOR SQL UNION STATEMENTS. PRESS PF1 FOR HELP.****Reason:**

You attempted to invoke the Extended Query Facility (EQF) when the SQL that was to be executed took the form of a UNION or UNION ALL statement. EQF does not support such SQL statements, and any modification of the prepared statement causes an SQL error during the attempt to execute it.

PT562E

YOU ALREADY HAVE AN ACTIVE SPACE CALCULATOR SESSION. PF1 FOR HELP.

Reason:

You attempted to jump to a space calculator session when you already have one active.

PT563E

STOGROUP/VOLUME ALLOCATIONS NOT PERMITTED FOR SMS. PF1 FOR HELP.

Reason:

You attempted to allocate user-defined VSAM data sets under SMS control using STOGROUP or volume allocation. SMS data set placement is controlled entirely by SMS based on MANAGEMENTCLASS, STORAGECLASS, and DATACLASS parameters established by your storage administrator, and cannot be modified.

Action:

See your local systems programmer or storage administrator for more information on your installation's usage of SMS.

PT564E

STRATEGY NAMES CANNOT BEGIN WITH A BLANK. PRESS PF1 FOR HELP.

Reason:

You attempted to update or save a strategy name containing one or more leading blanks. Strategy names must begin with an alphabetic character (A-Z) or with \$, @, or #.

PT565E

THE LOG MAINTENANCE PLAN NAME WAS NOT FOUND. PRESS PF1 FOR HELP.

Reason:

The plan name for the Log Maintenance Facility was not found in the PLANS parmlib.

Action:

Check with the installer of the products to be sure that the plans member contains the proper value for PLMPLANS.

PT566E

ERROR FETCHING SPREADSHEET CALCULATION DATA. PRESS PF1 FOR HELP.

Reason:

An I/O or catalog fetch error occurred during the process of fetching spreadsheet calculation data. The problem may be caused by DB2 locks on an object your strategy needs, by an Alternate Catalog Mapping profile, by an I/O error, or by corrupted data.

PT567E

MISMATCHED OBJECTS SELECTED FOR SPREADSHEET. PRESS PF1 FOR HELP.

Reason:

You selected both index and tablespace objects for an invocation of the Space Calculation spreadsheet. All objects selected for a spreadsheet session must be of the same type.

PT568E

ERROR OCCURRED FETCHING DATA FOR EDIT. PRESS PF1 FOR HELP.

Reason:

An error occurred during an attempt to fetch data for a space strategy edit session. The problem may be caused by DB2 locks on an object your strategy needs, by an Alternate Catalog Mapping profile, by an I/O error, or by corrupted data.

PT569E

COMPARE/SPREADSHEET NOT SUPPORTED FOR PARTITIONED OBJECTS.

Reason:

You attempted to select a partitioned index or tablespace for a comparison or a spreadsheet. The Space Calculator does not support such a use of a partitioned object at this time. Only space strategies, non-partitioned indexes, and simple or segmented tablespaces may be used as input to a comparison or spreadsheet

PT570E

ALL FIELDS MUST BE FILLED IN. PRESS PF1 FOR HELP.

Reason:

You attempted to save a space strategy with an incomplete or invalid key field. All the key fields must be filled in for the save to be processed. Blanks are allowed for the database name and space name, but not for the creator name, strategy name, or the shareoption.

PT571I

STRATEGY SAVE CANCELED BY REQUEST. NO DATA WAS UPDATED.

Reason:

Indicates that a strategy save was canceled. The original strategy remains unchanged, and no new strategy has been created.

PT572I

STRATEGY EXISTS AND WILL BE UPDATED IF CONFIRMED WITH ENTER.

Reason:

Indicates that a strategy with the same key as the one displayed on the save screen already exists. If none of the fields on the save screen are changed, the existing strategy will be updated. If any of the fields are updated, an attempt will be made to save the strategy as a new strategy. If another strategy with that same key already exists also, an SQL error will be encountered.

PT573E

STRATEGY NOT DELETED; ONLY CREATOR MAY DELETE.

Reason:

You are attempting to delete a strategy which was not created by your user ID or your current SQLID. If you used a different SQLID to create a strategy, you can issue the SET CURRENT SQLID command to set your SQLID to the strategy creator ID, and deletion will then be accepted.

PT574E

PRINTLINESIZE AND LINESPERPAGE MUST BE VALID FOR Q/PFILE CMDS.

Reason:

You must complete your PRINTLINE SIZE and the LINES PER PAGE profile variables in order to use the QFILE or PFILE commands. The Print Parameters Profile screen displays so that you can complete or correct your profile.

Action:

When you have completed your profile, press PF3 (END) to return to the previous screen and complete your print request.

PT575E

INVALID SIZE ENTERED. PRESS HELP FOR MORE INFO.

Reason:

You entered an invalid value for the SIZE option. This option is used to select the sources that are to be used for space calculations. The available sources are as follows:

- P-Use PDA statistics. This requires that PDA be installed on the subsystem.
- R-Use Runstats. If this option is selected, Runstats should be kept up to date to avoid B37 abend when running utilities.
- I-Use Idcams catalog information for space calculations.

If no space statistics are available (for example if the data set has been migrated), a default size of 10 cylinders will be used.

PT576I

JOB *jobname(job_id)* WAS SUBMITTED TO JES. PRESS PF1 FOR HELP.

Reason:

Indicates that a batch job with *jobname* and *job_id* was submitted to JES for processing.

PT577I

***no_of_jobs* JOBS WERE SUBMITTED TO JES. FIRST WAS *jobname(job_id)*.**

Reason:

Indicates that *no_of_jobs* batch jobs have been submitted to JES for processing and that the first job submitted was *jobname* with job ID of *job_id*.

PT578I

MODEL SERVICES @DEFAULT MODEL ID IS NOT INSTALLED ON THIS SUBSYSTEM.

PT579I

VALID UNLOAD MODE OPTIONS ARE "A", "U", OR "N".

Reason:

This informational message describes the valid options for the unload mode on the Batch Processor panel. The following options are valid:

- A- All Batch Processor input is to be executed.
- U -The section of input containing Unload statements is to be omitted.
- N-Only the section of input containing Unload statements is to be executed.

This option is intended for use with Batch Processor streams which were created.

PT580I

VALID RESTART OPTIONS ARE "O", "OD", "N", "Y", "YD", *number*, *numberD*, or *name*.

Reason:

This informational message describes the valid options for specifying the RESTART to be used by the Batch Processor. The following options are valid:

- O
- OD
- N
- Y
- YD
- *number*
- *numberD*
- *name*

PT581I

Valid Options are "Y"es or "N"o.

Reason:

A value other than Y or N was entered.

Action:

Enter **Y** or **N**.

PT582I

ENTER A VALID OUTPUT CLASS.

PT583I

ENTER A VALID JES FORM ID. THIS FIELD IS OPTIONAL.

PT584I

ENTER A VALID JES DESTINATION. THIS FIELD IS OPTIONAL.

PT585E

Option "U"pdate not valid when current is "N"o.

Reason:

The current value for Audit List Dest is N (No), which specifies to not generate an audit trail. You cannot specify the U option (to update the current setting) when the field is already set to N.

Action:

Choose one of the following options:

D

Specifies a ddname or data set name in which to save audit output.

P

Prints the audit output.

N

Does not generate an audit output listing.

PT586I

Valid Options are "P"rint, "D"ata set, "N"o or "U"pdate.

Reason:

You need to specify a valid option for the Audit List Dest field (to determine whether Batch Processor should generate an audit trail list).

Action:

Choose one of the following options:

D

Specifies a ddname or data set name in which to save audit output.

P

Prints the audit output.

N

Does not generate an audit output listing.

U

Updates the current setting. This option is valid only if *Print Setting* or *Dataset Setting* is displayed below the field.

PT587E

YOU HAVE ENTERED MORE DATA THAN THE COLUMN CAN HOLD.

PT588I

DEFAULT VALUES ARE NOT ALLOWED FOR NOT NULL UNIQUE COLUMNS.

PT589E

THIS DECIMAL NUMBER IS INVALID BASED ON THE COLUMN DEFINITION.

PT590E

YOU HAVE ENTERED AN INVALID FLOATING-POINT NUMBER.

Reason:

The floating-point number you entered is invalid. Valid floating-point constants consist of two numbers separated by an E. The first number can include a sign and a decimal point, whereas the second number can include only a sign. The number of characters in the constant cannot be greater than 30. The number of the digits cannot be greater than 17 in the first number and two in the second. The range of a floating-point number is approximately +/-7.2E+75 to +/-5.4E-79.

PT597I

VALID VALUES ARE "Y"ES OR "N"O. PRESS HELP FOR INFO.

Reason:

This message describes the valid options for specifying the CONTINUE IF LOAD DISCARDS on the Batch Processor panel. The following options are valid: Y and N.

PT598I

VALID VALUES ARE "Y"ES OR "N"O. PRESS HELP FOR INFO.

Reason:

This message describes the valid options for specifying the CONTINUE IF SQL ERROR on the Batch Processor panel. The following options are valid: Y and N.

PT599I

VALID VALUES ARE "W"RAP OR "T"RUNCATE. PRESS HELP FOR INFO.

Reason:

This message describes the valid options for specifying the WRAP/TRUNCATE OPTION on the Batch Processor panel. The following options are valid: W, and T.

PT600E

COMPRESSION RATIO MUST BE NUMERIC.

Reason:

The compression ratio entered is invalid. A valid number is a two-digit number representing the percentage by which the data in a tablespace is expected to be reduced as a result of using data compression. It does not matter whether the data compression is performed by IBM hardware, DB2 itself, or a third party vendor's compression software.

PT601I

ENTER S, L, OR N. PRESS PF1 FOR HELP.

Action:

Enter one of these valid commands: S, L, or N.

PT602E

ENTER "NONE" OR "CHANGES" FOR DATA CAPTURE.

Reason:

An invalid value has been entered in the Data Capture field. Valid values are as follows:

- NONE
- CHANGES

PT603I

DATA SET NOT CATALOGUED - LISTCAT CANCELED.

Reason:

The data set name built for the LISTCAT command is not catalogued. No information is available about this data set name; therefore the LISTCAT was not produced.

PT604I

DEFAULT VALUES NOT SAVED. NO USERID WAS SUPPLIED.

PT605I

ONLY 255 TABLES MAY BE CONTAINED IN ONE TABLESPACE.

Reason:

You have attempted to include more than 255 tables in a space calculation. Since a tablespace cannot contain more than 255 tables, this would produce invalid results if it were attempted. Therefore, the table list has been limited to 255 entries, and the excess Repeat/Insert commands have been discarded.

PT606E

INVALID COLUMN TYPE OR LENGTH FOR SQLID OR USERID DEFAULT.

Reason:

You have attempted to create a default of SQLID or USERID for a column which is not a character or varchar column or is not at least 8 bytes in length.

Action:

Consider redefining the column to be of a valid type and length or using a different default.

PT608E

NO MORE THAN ONE OPTION CAN BE SELECTED.

Reason:

More than one option has been selected.

Action:

Select only one option and try again.

PT610E

AN UNEXPECTED INTERNAL ERROR CONDITION HAS OCCURRED. PRESS HELP.

Reason:

An internal processing condition has occurred that was unexpected, undesirable, or both.

Action:

Report this error to Technical Support. On this message panel, some diagnostic information might appear. This information should be saved (by screen prints or by writing it down EXACTLY as shown) and given to Technical Support.

PT611E

INSUFFICIENT VIRTUAL STORAGE TO CONTINUE. PRESS HELP FOR MORE INFO.

Reason:

The product could not obtain enough virtual storage to continue processing your request.

Action:

Possible solutions to this condition are as follows:

- Exit any split screen sessions that might be in effect
- Increase the region size of your TSO LOGON procedure. We recommend a region size of between 2048 and 3072 KB.

PT612E

AN UNEXPECTED ERROR OCCURRED IN PROCESSING EQF - EQF NOT USED.

Reason:

An error was encountered while processing an Extended Query Facility (EQF) request. The EQF query will not be used to process your request as it cannot rely on the accuracy of the query's extension.

PT613E

COLUMN TYPE MUST BE NOT NULL WITH DEFAULT TO SET DEFAULT VALUE.

Reason:

You have attempted to set up a default value for a column that is NOT NULL, NOT NULL UNIQUE, or not nullable.

Action:

Change the column null indicator to D and you may then enter the default editor.

PT630I

THE CURRENT SSID IS *sys*.

Reason:

The SHOWSSID command has displayed the current SSID.

PT631E

YOU ALREADY HAVE AN ACTIVE PXF SESSION. PRESS HELP FOR INFO.

Reason:

You have attempted to jump to a product that you are already using.

Action:

You must exit the product you are currently in to get back to the product you desire.

PT632I**YOUR ALLOCATION HAS REACHED THE DB2 CEILING OF 4194304.****Reason:**

Your space calculation has reached or exceeded the DB2 maximum primary space allocation of 4,194,304 1K blocks. DB2 will not honor requests for more space than this, so the Space Calculator will not generate such requests.

Action:

See the IBM *DB2 Administration Guide* for further details on allocating space for tablespaces or indexspaces.

PT633I**DB2 DEFAULT VALUES USED FOR PRIQTY AND/OR SECQTY.****Reason:**

Indicates that you did not enter or calculate a value for PRIQTY and SECQTY and that the DB2 default value will be substituted if you do not enter such values before you complete your processing of the object.

PT634E**CONSTRAINTS MUST BE THE SAME FOR *mkey1* AND *mkey2*.****Reason:**

Indicates that you are attempting to create different delete rules that reference the same column in the parent table. Constraints that reference the same table must use the same delete rule. One or both of the constraints must be changed to satisfy this DB2 rule.

PT635I**SPACE INFORMATION FOR UNDERLYING VSAM DATASET UNAVAILABLE.****Reason:**

This message is an RC/OBJECT message indicating that you are templating or altering a tablespace or indexspace for which the underlying VSAM data sets have been deleted or migrated. The message will also be displayed the first time you display the VSAM definition screen while creating a new tablespace or indexspace. Space information is not available from the operating system until the underlying VSAM data set is/are recalled from migrated status, or given an explicit space allocation on the VSAM definition screen. Any explicit space allocation given will be accepted and used.

PT636E

VALID LINE COMMANDS ARE S, B AND E. PRESS HELP FOR MORE INFORMATION.

Reason:

Indicates that you have entered an invalid line command.

Action:

Enter S to enter a series of screens that guide you through the parm entries, enter E to enter an edit session on the member, or enter B to enter a browse session on the member.

PT637E

PARMLIB READER ERRORS. TYPE STATUS FOR MORE INFORMATION.

Reason:

Indicates that the parmlib editor could not be entered because the parmlib member could not be read.

PT638E

INVALID LRECL/BLKSIZE/RECFM COMBINATION. PF1 FOR HELP.

Reason:

Indicates that you are attempting to allocate and open for output a data set with inconsistent or incompatible attributes.

For example, the blocksize may not be an integral multiple of the logical record length for an F, FB, or FBA record format, or the blocksize minus four might not be larger than the logical record length for a Vxx record format data set. You must correct the attributes before the data set can be allocated.

PT639W

ONE OR MORE COLUMNS HAS LENGTH OF ZERO. DDL WILL NOT WORK.

Reason:

Indicates that you have specified a column length of zero for one or more of your table's columns. This is invalid and will cause an SQL error if you attempt to create or alter your table without correcting the zero lengths.

PT640E

YOU DO NOT HAVE RACF AUTHORITY TO UPDATE PARMLIB.

Reason:

Indicates that an RACF error has occurred. There is a problem processing RACF or you do not have authority to update CDBAPARM. Return code and reason code refer to return codes for RACROUTE verify request.

PT641E

A SINGLE PARMLIB DATASET NAME COULD NOT BE DETERMINED.

Reason:

Indicates that there is more than one data set allocated to PTIPARM, and a single data set name for the parmlib cannot be determined.

PT642E

THE PTIPARM DDNAME COULD NOT BE FOUND. ACCESS DENIED.

Reason:

Indicates that the PTIPARM ddname was not allocated.

PT643E

INVALID OPTIONS SPECIFIED. PRESS HELP FOR MORE INFORMATION.

Reason:

Indicates that you have entered an invalid option.

Action:

Make sure you separate all options by a comma.

Valid format: (*opt1, opt2, opt3*) where *opt1* can be one of the following:

- Y-May run Online
- W-May run Online/Issue Warning
- B-Force to run in Batch

Opt2 can be one of the following:

- Y-May run without ACM
- N-Force ACM ON

Opt 3 can be one of the following:

- Y-May run Online (Catalog List)
- W-May run Online/Issue Warning (Cat list)
- C-Cancel run Online (Catalog List)

PT644E

INVALID OPTIONS SPECIFIED. PRESS HELP FOR MORE INFORMATION.

Reason:

Indicates that you have entered an invalid option.

Action:

Make sure you separate all options by a comma.

Valid format: (*opt1,opt2*) where *opt1* can be one of the following:

- Y-May run Online (Generate)
- W-May run Online/Issue Warning (Generate)
- C-Cancel run Online (Generate)

opt2 can be one of the following:

- Y-May run Online (Execute)
- W-May run Online/Issue Warning (Execute)
- B-Force to run in Batch (Execute)

PT645I

INFORMATION FOR DB2 SUBSYSTEM *sys-id* ENTERED, ENTER NEXT SUBSYSTEM.

Reason:

Information for the SECURE member of CDBAPARM has been entered for DB2 subsystem *sys-id*.

Action:

Do one of the following:

- Enter information for the next DB2 subsystem to be entered into the SECURE member, placing a Y or N for the additional subsystems question and then press enter.
- Enter N for additional subsystems and press enter to go into edit on the SECURE member.
- Enter PF3/End to go into edit on the SECURE member.

PT646I

INFORMATION FOR DB2 SUBSYSTEM *sys-id* ENTERED, ENTER NEXT SUBSYSTEM.

Reason:

Information for the MIGRATOR member of CDBAPARM has been entered for DB2 subsystem *sys-id*.

Action:

Do one of the following:

Enter information for the next DB2 subsystem to be entered into the SECURE member, placing a Y or N for the additional subsystems question and then press enter.

- Enter N for additional subsystems and press enter to go into edit on the SECURE member.
- Enter PF3/End to go into edit on the SECURE member.

PT647I

INFORMATION FOR DICTIONARY ID *dict* ENTERED.

Reason:

Information for the PIPELINE parmlib member has been entered for Dictionary ID *dict*.

Action:

Do one of the following:

- Enter information for the next dictionary ID to be entered into the PIPELINE member, placing a Y or N for the Multiple Dictionary ID's questions and then press enter.
- Enter N for Multiple Dictionary ID's and press enter to go into edit on the PIPELINE member.
- Enter PF3/End to go into edit on the PIPELINE member.

PT648I**INFORMATION FOR DB2 SUBSYSTEM *sys-id* ENTERED.****Reason:**

Information for the SECURE member of CDBAPARM has been entered for DB2 subsystem *sys-id*.

Action:

Do one of the following:

- Enter information for the next DB2 subsystem to be entered into the SECURE member, placing a Y or N for the additional subsystems question and then press enter.
- Enter N for additional subsystems and press enter to go into edit on the SECURE member.
- Enter PF3/End to go into edit on the SECURE member.

PT649E**SYNTAX OF RCSADM(S) ENTRIES WAS INCORRECT, ENCRYPTION WAS BYPASSED.****Reason:**

The syntax of the RCSADMS was incorrect and encryption had to be bypassed.

Action:

Correct the syntax and retry.

PT650E**UNABLE TO ALLOCATE OR FREE THE TEMP FILE FOR JCL CREATION.****Reason:**

The temporary data set used to hold the output of the file tailoring was unable to be allocated or freed.

Action:

Ensure that you do not have any data sets allocated to the ISPFIL DDNAME.

PT651E

THE JCL FILE COULD NOT BE EDITED.

Reason:

The temporary data set used to hold the output of the file tailoring was unable to be edited.

Action:

Ensure that you do not have any data sets allocated to the ISPFIL DDNAME.

PT652E

ERRORS HAVE OCCURRED PROCESSING THE PARMLIB LOAD MODULE JCL.

Reason:

While trying to process the JCL that creates the load module for the parmlib members, an error occurred.

Action:

Check to be sure you can create data sets on the volume specified in your profile.

PT653E

INVALID PRINT PROFILE PARAMETERS. CHECK YOUR GLOBAL PROFILE.

Reason:

While trying to process the Q/PPRINT command, the print processor found invalid print profile parameters.

Action:

Check the global profile print parameters for valid values. Common errors are a print line size greater than 255 and unspecified print class.

PT654E

INVALID PARM OPTION(S) SPECIFIED. SEE MESSAGE(S) BELOW.

Reason:

Indicates that you have saved the PDA parm member with invalid parm options. The STATUS panel displays with messages indicating which parm options are invalid. PF3 will take you back into edit to make the corrections. Without making the corrections the invalid parm options will be saved and the next time you enter the product PDA, default values will be used (where applicable) for the parms that have invalid values.

PT656E

ENTER ONE OF THE LISTED VALUES.

Reason:

Indicates that you have entered an invalid value in the CA Recovery Analyzer parmlib.

Action:

Enter one of the values that is listed.

PT657E

DATASET NOT PHYSICAL OR PARTITIONED ORGANIZATION.

Reason:

Indicates that the data set you have specified for the output has an invalid organization. The data set must be partitioned or sequential.

PT658E

VALID LINE COMMAND IS S. B AND E ARE RESERVED FOR PARMLIB MEMBERS.

Reason:

Indicates that when entering a command in the Create a Parmlib Load Module option in the Edit Parmlib Members screen, you can only enter S. B and E can only be entered in the parmlib member options.

PT659E

***odsn* COULD NOT BE BROWSED.**

Reason:

Indicates that the data set *odsn* could not to be browsed.

Action:

You should make sure the data set exists. If it exists, check to see if it is being held with an exclusive lock.

PT660E

***odsn* COULD NOT BE EDITED.**

Reason:

Indicates that the data set *odsn* was unable to be edited.

Action:

You should make sure the data set exists. If it exists, check to see if it is being held with an exclusive lock.

PT661E

FIELDPROC SPECIFIED FOR INVALID COLUMN TYPE. PF1 FOR HELP.

Reason:

Indicates that you have specified a fieldproc for a column that is not a short string column (CHAR, VARCHAR, GRAPHIC, or VARGRAPHIC), or has a non-null default value (i.e. does not have a null code of 'Y' on this screen). Fieldprocs are allowed only on columns with both of these attributes.

PT662E

NO PARM HAS BEEN ENTERED FOR THE PARMLIB FACILITY. PF1 FOR HELP.

Reason:

Indicates that the PLANS parmlib member does not contain an entry for the parmlib editing facility.

Action:

Check the PLANS member for a fourth plan in the General section. If none exists, enter Quick Install to refresh the plans parmlib member and rebind the general plans.

PT663I

YOU CANNOT RETURN TO THE PREVIOUS SCREEN FROM THE FIRST SCREEN.

Reason:

Indicates that you cannot use the BACK Command or press PF3 from a product's first edit parmlib member screen to return to the previous screen. This is only an option from the screens following the first screen.

PT664I

INVALID VALUE. YOU MUST ENTER A VALID VALUE TO CONTINUE.

Reason:

Indicates that you have entered an invalid value.

Action:

Enter one of the valid values to continue. For valid values for the parameter, see the Help panel.

PT665I

YOU CANNOT RETURN TO THE PREVIOUS SCREEN FROM THIS SCREEN.

Reason:

Indicates that you cannot use the BACK Command or press PF3 from this screen.

PT666I

YOU SHOULD NOT ENTER INFORMATION FOR THE SAME SSID TWICE.

Reason:

Indicates that when editing the Migrator parmlib, you cannot enter information for the same SSID twice.

PT667I

YOU SHOULD NOT ENTER INFORMATION FOR THE SAME DICTID TWICE.

Reason:

Indicates that when editing the Pipeline parmlib, you cannot enter information for the same Dictionary ID twice.

PT668I

REGISTER COPY MUST BE YES WHEN MODIFY BITS IS YES.

Reason:

Indicates that when editing the CA Recovery Analyzer parmlib, the field Register Copy must be set to YES if the field Modify Bits is set to YES.

PT669E

YOU ALREADY HAVE AN ACTIVE PRI SESSION. PRESS PF1 FOR MORE INFORMATION.

Reason:

You attempted to jump to a product you are already using. You must exit the product you are currently in to get back to the product you want.

PT670E

THE MAIN PRF MODULE COULD NOT BE FOUND.

PT671I

DATASETS HAVE BEEN RECALLED/MIGRATED.

PT672E

HRECALL/HMIGRATE FAILED WITH RETURN CODE *return_code*.

PT680E

THE DATASET NAME AT THE CURSOR COULD NOT BE FOUND.

PT682E

UNABLE TO ALLOCATE *fixvrtzn*.

PT683E

UNABLE TO ALLOCATE *fixvrdzn*.

PT684E

UNABLE TO OPEN *fixvrtzn*.

PT685E

UNABLE TO OPEN *fixvrdzn*.

PT686E

UNABLE TO DEALLOCATE *fixvrtzn*.

PT687E

UNABLE TO DEALLOCATE *fixvrdzn*.

PT688I

SECONDARY IDS NOT USED. PRESS HELP FOR INFO. RC = *return_code*

Reason:

Secondary IDs for the function you are performing could not be determined for the reason given.

Action:

If you have not set up secondary IDs for authorization you do not need them and may ignore this message. However, if you require the secondary IDs for proper access, report this error to your administrator.

PT689I

Snapshot Copy Template requires &DSNUM., &PART., or &PA.

Reason:

The snapshot copy default data set name template (SSCOPYDDN) requires a unique data set name.

Action:

Specify one of the following symbolic variables: &DSNUM., &PART., or &PA. in the default data set name template (SSCOPYDDN).

PT691E

INVALID PRIMARY COMMAND HAS BEEN ENTERED. ENTER ? FOR A VALID LIST.

Reason:

You have entered an invalid primary command.

Action:

To see a list of the valid primary commands, enter '?' on the command line. Valid primary commands can be selected from this list.

PT692E

AN UNEXPECTED INTERNAL ERROR HAS OCCURRED. PRESS HELP.

Reason:

A condition has occurred within Alternate Catalog Mapping shadow table creation that was not expected to happen and cannot be handled correctly.

Action:

Press PF1 for help information.

PT693E

UNABLE TO ALLOCATE *odsn*.

Reason:

The data set listed was unable to be allocated.

Action:

Ensure that the data set exists. If it exists, check to see if it is being held with an exclusive lock.

PT694E

UNABLE TO DEALLOCATE *odsn*.

Reason:

The data set listed was not able to be deallocated.

PT695I

ENTER SUBMIT TO EXECUTE THE JOB.

Action:

Enter SUBMIT to execute the job. Wait for the execution of this job to complete before executing the next step.

PT696E

FILE odsn COULD NOT BE EDITED.

Reason:

The data set listed was unable to be edited.

Action:

Ensure that the data set exists. If it exists, check to see if it is being held with an exclusive lock.

PT697E

IDCAMS LISCAT LEVEL (sys) NOT FOUND.

Reason:

The data set odsn was unable to be allocated.

Action:

Ensure the data set exists. If it exists, check to see if it is being held with an exclusive lock.

PT700W

CONVERTING FROM TYPE 2 TO TYPE 1 CAN CAUSE ERRORS.

Reason:

Converting an index from Type 2 to Type 1 can cause problems if the tablespace containing the table on which the index is built was created with row level locking. If this is the case, the conversion will fail and an SQL error will be returned. If you are sure row level locking does not exist in the table's tablespace, the conversion should take place without causing any problem.

PT701I

ANALYZER SESSION IS ALREADY ACTIVE, PRESS PF1 FOR MORE INFORMATION.

Reason:

You have attempted to jump to a product that you are already using.

Action:

To access that product, you must exit the product you are currently in.

PT710I

ENTER A VALID RC/M STRATEGY NAME.

Action:

Enter the name of the strategy name associated with this input table.

PT711I

ENTER THE CREATOR OF THE RC/M STRATEGY.

Action:

Enter the user ID that created the strategy.

PT712I

ENTER THE USER ID OF THE RC/M ANALYSIS.

Action:

Enter the user ID that analyzed the strategy.

PT713I

ENTER THE DATE OF THE RC/M ANALYSIS.

Action:

Enter the date on which the analysis was run.

PT714I

ENTER THE TIME OF THE RC/M ANALYSIS.

Action:

Enter the time at which with analysis was run.

PT715I

INPUT DDL CANNOT BE FOUND OR NO LONGER EXISTS.

The RC/M managed DDL or Recovery analysis output you have specified to be used as input to the Batch Processor no longer exists or could be found.

PT716I**INVALID LINE COMMAND.****Reason:**

You have entered an invalid command.

Action:

You can enter a question mark (?) in any command line to display a list of valid commands.

PT717E**INVALID COLUMN DEFAULT IND. SPECIFIED. PRESS HELP FOR INFO.****Reason:**

This indicates that you have specified an invalid default COLUMN DEFAULT INDICATOR. Valid values are as follows:

- C
- N
- S
- U
- Y
- blank

PT718I

COLUMN NULL INDICATOR "D" HAS BEEN CONVERTED. PRESS HELP FOR INFO.

Reason:

This message is informing you that the Object Definition Defaults for this ID had the default COLUMN NULL INDICATOR set to D, which is no longer supported. It was translated to an equivalent specification using the COLUMN NULL INDICATOR and the new COLUMN DEFAULT IND. fields.

Note: Valid values for the COLUMN NULL INDICATOR are Y or N.

Action:

In future when you want to specify NOT NULL WITH DEFAULT, do so by specifying a COLUMN NULL INDICATOR value of N and a COLUMN DEFAULT IND. value of Y (the N and D columns, respectively, on the Table Alt or Table Create screens). This is equivalent to specifying the old D COLUMN NULL INDICATOR. This is the translation that has been done automatically for you. To prevent this message from appearing in the future, go to Object Definition Defaults (if you are not already there) and save the current defaults by specifying an Action of S. The COLUMN NULL INDICATOR and COLUMN DEFAULT IND. fields are already filled in, so there is nothing else that you need to do on the screen.

PT719E

COLUMN NULL INDICATOR OF "D" IS NO LONGER SUPPORTED. HELP FOR INFO.

Reason:

This message is informing you that a COLUMN NULL INDICATOR value of D is no longer supported. Valid values are as follows: Y or N.

Action:

If you wish to specify NOT NULL WITH DEFAULT, as you may have done in an older release of the product which supported the D value, you may still do so by specifying a COLUMN NULL INDICATOR value of N and a COLUMN DEFAULT value of Y. This combination is equivalent to specifying the old D COLUMN NULL INDICATOR.

PT720I**COLUMN NULL INDICATOR "D" HAS BEEN TRANSLATED. HELP FOR INFO.****Reason:**

This message is informing you that you entered a Column Null Indicator of D (in the N column) on the Table Alter or Table Create screens, and this value is no longer supported. However, it was translated to an equivalent specification using the Column Null Indicator and the new Column Default Indicator (the N and D columns, respectively). Valid Column Null Indicators are now: Y or N.

Action:

In the future, when you wish to specify NOT NULL WITH DEFAULT, you may do so by specifying a Column Null Indicator of N and a Column Default Indicator of Y, which is equivalent to specifying the old D Column Null Indicator.

PT721E**COLUMN NULL AND COLUMN DEFAULT INDICATORS MAY NOT BOTH BE "N".****Reason:**

You specified a value of N for both the Column Null and Column Default Indicators, and this combination is not valid. Specifying N for both the Column Null and Column Default Indicators is equivalent to indicating that both the NOT NULL and DEFAULT NULL clauses be used in your create and/or alter DDL; however, these two clauses are mutually exclusive and may not be specified together.

PT722W**OBJ DEF DEFAULTS INCOMPATIBLE WITH V3.1 OBJ: USING STANDARD DEFAULTS.****Reason:**

The Object Definition Defaults for your userid are incompatible with the object that you are creating or altering, because the defaults are for a later version of DB2. Standard defaults that are compatible with the object's current version of DB2 will be used instead.

PT723I

OBJECT'S OLD COLUMN NULL INDICATOR OF "D" HAS BEEN TRANSLATED.

Reason:

The object's old Column Null Indicator of D, which showed in the N column on the Table Alter or Table Create screens in earlier releases of the product, is no longer supported. It has been translated to an equivalent specification using the Column Null Indicator and the new Column Default Indicator (the N and D columns, respectively). Valid Column Null Indicators are now: Y or N.

Action:

In the future, when you wish to specify NOT NULL WITH DEFAULT, you may do so by specifying a Column Null Indicator of N and a Column Default Indicator of Y, which is equivalent to specifying the old D Column Null Indicator.

PT725E

Valid assembler names are ASMA90 AND IEV90.

Action:

You must enter one of the valid assembler names to ensure a correct assembler was used to build the JCL.

PT733W

ACMID xxxxxxxx is undefined for zzzz.

Reason:

This message indicates that you have entered an unknown ACMID. The ACMCHECK(OFF|WORN|FAIL) value in the PARMLIB(SETUPxx) controls this message. To suppress the message, set ACMCHECK(OFF).

Action:

Complete the following steps:

1. Verify that the ACMID is going into the Alt. Catalog Mapping facility.
2. Create and use a new ACMID.

PT733I

ACMID xxxxxxxx is undefined for zzzz, "DEFAULT" will be used.

Reason:

This message indicates that you have entered an unknown ACMID. ACMID named DEFAULT was located and is used. The ACMCHECK(OFF|WORN|FAIL) value in the PARMLIB(SETUPxx) member controls this message. To suppress the message, set ACMCHECK(OFF).

Action:

Complete *one* of the following steps:

- None. Use the DEFAULT ACMID.
- Verify the ACMID by going into the Alt. Catalog Mapping facility.
- Create and use a new ACMID.

PT743E

MODULE module_name IS NOT AN APF AUTHORIZED LIBRARY MODULE

Reason:

The named module is invoking PTLTSRB from a non-APF authorized library. The request is terminated.

PT752E

PTLTSRB CSVQUERY SERVICE ERROR RC: *return_code* RSN: *reason_code*

Reason:

An internal error has occurred in module PTLTSRB.

PT753E

PTLTSRB ENTERED VIA UN-AUTHORIZED PATH: RC: *return_code* RSN: *reason_code*

Reason:

An unexpected calling sequence has been detected.

PT756W

One or more truncated objects have been suppressed.

Reason:

The CA DB2 product you are using has encountered one or more retrieved rows that contain one or more columns whose values were truncated. These rows have been suppressed from the panel that you are viewing.

The truncation most likely has occurred as a result of a DB2 object that has been defined exploiting long value functionality present starting in DB2 V8. The product you are using is not fully long value exploitive, so the object was suppressed from the report.

PT757W

One or more truncated objects are present.

Reason:

The CA DB2 product you are using has encountered one or more rows that were retrieved that contained one or more columns whose values were truncated. These rows have been suppressed from the panel that you are viewing.

The truncation typically occurs due to a DB2 object that has been defined exploiting long value functionality present starting in DB2 V8. The product you are using is not fully long value exploitive, so one or more values associated with the object has a truncated value, and whose full value you cannot see.

PT758E

PTLTSRB - *module_name* not in AUTH table: RC: *return_code* RSN: *reason_code*

Reason:

PTLTSRB has been requested to link to an unauthorized program.

PT759E

PTLTSRB invoked NON-authorized: RC: *return_code* RSN: *reason_code*

Reason:

PTLTSRB has been invoked non-authorized.

Action:

Ensure that PTLTSRB was linked AC(1).

PT77054E**Cannot Connect to DB2:****Reason:**

Connection to the subsystem specified in the message was not successful and execution terminates.

Action:

Ensure the subsystem-ID is valid and active. Ensure DSNREXX modules delivered by IBM exist and have been bound for the specific subsystem.

PT77092E**MSGFILE missing in JCL - terminating execution****Reason:**

The MSGFILE DD statement could not be found in the JCL.

Action:

Ensure that MSGFILE is allocated in the JCL. It can be allocated to SYSOUT or it can be a sequential file with RECL=133 and fixed blocked.

PT77400I**No PLAN_TABLES to convert****Reason:**

This is an informational message indicating no PLAN_TABLES were found in the specified DB2 subsystem, even though the input parameter specifies that this explain type should be converted.

PT77401I**No DSN_STATEMNT_TABLEs to convert****Reason:**

This is an informational message indicating no DSN_STATEMNT_TABLEs were found in the specified DB2 subsystem, even though the input parameter specifies that this explain table type should be converted.

PT77402I

No DSN_FUNCTION_TABLEs to convert

Reason:

This is an informational message indicating no DSN_FUNCTION_TABLEs were found in the specified DB2 subsystem, even though the input parameter specifies that this explain table type should be converted.

PT77403E

RBPFILE missing in JCL-terminating execution

Reason:

The RBPFILE DD statement could not be found in the JCL.

Action:

Ensure that RBPFILE is allocated in the JCL. This JCL is created using the EC option under the Value Pack component on the Main Menu. The data set attributes are as follows:

DCB=(LRECL=80,RECFM=FB,BLKSIZE=6160) .

Use the EC option on the main menu to generate the JCL.

PT77404E

EXPPARM DD is empty - terminating execution

Reason:

The data set allocated to EXPPARM DD in the JCL is empty.

This data set is created when using the EC option from the Value Pack component on the main menu.

Action:

Use this option to re-enter the parameters before submitting the JCL.

PT77405E

First input variable must be DB2ID (*ssid*)

Reason:

The first parameter in the data set allocated to EXPPARM DD must be DB2ID (*ssid*), where *ssid* is the subsystem-id in which explain tables are going to be converted.

PT77406E**Invalid syntax for DB2ID parameter****Reason:**

The DB2ID parameter in the data set allocated to EXPPARM DD in the JCL is invalid.

The first parameter in the data set allocated to EXPPARM DD must be DB2ID (*ssid*), where *ssid* is the subsystem-id in which explain tables are going to be converted.

PT77407I**Connecting to DB2: *db2_subsystem*****Reason:**

This is an informational message indicating the DB2 subsystem which the batch job is connecting to in order to convert explain tables.

PT77408E**EXPPARM DD missing PLAN_TABLE_CONV parameter****Reason:**

The PLAN_TABLE_CONV parameter in the data set allocated to EXPPARM DD in the JCL is missing.

The second parameter in the data set allocated to EXPPARM DD must be PLAN_TABLE_CONV (*x*), where *x* is Y (PLAN_TABLEs are to be converted) or N (PLAN_TABLEs are not to be converted). This data set is created using the EC option under the Value Pack component from the main menu.

PT77409E**Invalid syntax for PLAN_TABLE_CONV parameter****Reason:**

The PLAN_TABLE_CONV parameter in the data set allocated to EXPPARM DD in the JCL is invalid.

The second parameter in the data set allocated to EXPPARM DD must be PLAN_TABLE_CONV (*x*), where *x* is Y (PLAN_TABLEs are to be converted) or N (PLAN_TABLEs are not to be converted). This data set is created using the EC option under the Value Pack component from the main menu.

PT77410E

EXPPARM DD missing DSN_STATEMNT_CONV parameter

Reason:

The DSN_STATEMNT_CONV parameter in the data set allocated to EXPPARM DD in the JCL is missing.

The third parameter in the data set allocated to EXPPARM DD must be DSN_STATEMNT_CONV (x), where x is Y (DSN_STATEMNT_CONV is to be converted) or N (DSN_STATEMNT_CONV is not to be converted). This data set is created using the EC option under the Value Pack component from the main menu.

PT77411E

Invalid syntax for DSN_STATEMNT_CONV parameter

Reason:

The DSN_STATEMNT_CONV parameter in the data set allocated to EXPPARM DD in the JCL is invalid.

The third parameter in the data set allocated to EXPPARM DD must be DSN_STATEMNT_CONV (x), where x is Y (DSN_STATEMNT_CONV is to be converted) or N (DSN_STATEMNT_CONV is not to be converted). This data set is created using the EC option under the Value Pack component from the main menu.

PT77412E

EXPPARM DD missing DSN_FUNCTION_CONV parameter

Reason:

The DSN_FUNCTION_CONV parameter in the data set allocated to EXPPARM DD in the JCL is missing.

The third parameter in the data set allocated to EXPPARM DD must be DSN_FUNCTION_CONV (x), where x is Y (DSN_FUNCTION_CONV is to be converted) or N (DSN_FUNCTION_CONV is not to be converted). This data set is created using the EC option under the Value Pack component from the main menu.

PT77413E**Invalid syntax for DSN_FUNCTION_CONV parameter****Reason:**

The DSN_FUNCTION_CONV parameter in the data set allocated to EXPPARM DD in the JCL is invalid.

The fourth parameter in the data set allocated to EXPPARM DD must be DSN_FUNCTION_CONV (x), where x is Y (DSN_FUNCTION_CONV is to be converted) or N (DSN_FUNCTION_CONV is not to be converted). This data set is created using the EC option under the Value Pack component from the main menu.

PT77414E**DB2 error for CURSOR C8 get Explain tables****Reason:**

An unpredictable error occurred trying to access the DB2 catalog to retrieve information for the explain tables to be converted.

Action:

Check the job output; it includes information about the SQLCODE and the reason for the display of this message.

PT77415I**No tables found to convert:****Reason:**

This is an informational message indicating that no explain tables of the type listed were found on the DB2 subsystem.

PT77416I**No new columns for:****Reason:**

This is an informational message indicating that the table listed will have no ALTER TABLE statements generated because the table already has the format matching the master table used as the skeleton.

PT77417I

Table will get new columns:

Reason:

This is an informational message indicating that the table listed will have ALTER TABLE ADD COLUMNS generated.

PT77418W

Invalid table - ROLLBACK created:

Reason:

The table listed in this message cannot be converted using ALTER TABLE ALTER COLUMN. A ROLLBACK statement was generated after the ALTER TABLE statements.

This message is preceded with at least one additional message detailing the reason for the ALTER STATEMENTS to be invalid.

PT77419W

Mismatch column sequence

Reason:

This is a warning message indicating an explain table was found in the DB2 catalog in which the column sequence does not match the standard explain table or a column is missing.

The table listed on the output cannot be converted using ALTER statements. You will have to convert it manually to match DB2 V8 format.

PT77420W

column number

Reason:

This is a warning message specifying the column for the table specified in message PT77419W that does not match the standard format.

The table listed on the output cannot be converted using ALTER statements. You will have to convert it manually to match DB2 V8 format.

PT77421E**DB2 error CURSOR C8 GET table details****Reason:**

An unpredictable error occurred trying to access the DB2 catalog to retrieve information for the explain tables to be converted.

Action:

Please check the job output, which includes information about the SQLCODE and the reason that this message displayed.

PT77422I**Table will get columns altered:****Reason:**

This is an informational message indicating that the table listed will have columns altered to match the most current format.

PT77423W**The ALTER statements will fail for the following table****Reason:**

This message is accompanied by PT77434W and PT77424W and describes the database and tablespace being referred to in these messages.

These three messages warn you that the specified tablespace has to be altered to use a bigger buffer pool in order for the ALTER TABLE ALTER COLUMN statements to be executable. The reason is the rowlength for a table residing in this tablespace will increase beyond what the current allocated buffer pool can hold.

Before the ALTER statements generated can be executed, this tablespace must be dropped and created with a bigger buffer pool.

PT77424W

Unless the tablespace is allocated to a bigger BP

Reason:

This message is accompanied by PT77423W and PT77434W and describes the database and tablespace being referred to in these messages.

These three messages warn you that the specified tablespace has to be altered to use a bigger buffer pool for the ALTER TABLE ALTER COLUMN statements to be executable. The reason is the rowlength for a table residing in this tablespace will increase beyond what the current allocated buffer pool can hold.

Before the ALTER statements generated can be executed, this tablespace must be dropped and created with a bigger buffer pool.

PT77425E

EXPPARM DD missing ALL_CREATORS parameter

Reason:

The ALL_CREATORS parameter in the data set allocated to EXPPARM DD in the JCL is missing.

The fifth parameter in the data set allocated to EXPPARM DD must be ALL_CREATORS (x), where x is Y or N depending on whether all the explain tables found (based on PLAN_TABLE_CONV, DSN_STATEMNT_CONV and DSN_FUNCTION_CONV parameters) are going to be converted or only for a specific CREATOR. This data set is created using the EC option under the Value Pack component from the main menu.

PT77426E

Invalid syntax for ALL_CREATORS parameter

Reason:

The ALL_CREATORS parameter in the data set allocated to EXPPARM DD in the JCL is invalid.

The fifth parameter in the data set allocated to EXPPARM DD must be ALL_CREATORS (x), where x is Y or N depending on whether all the explain tables found (based on PLAN_TABLE_CONV, DSN_STATEMNT_CONV and DSN_FUNCTION_CONV parameters) are going to be converted or only for a specific CREATOR. This data set is created using the EC option under the Value Pack component from the main menu.

PT77427E**EXPPARM DD missing CONVERT_CREATOR parameter****Reason:**

The CONVERT_CREATORS parameter in the data set allocated to EXPPARM DD in the JCL is missing.

The sixth parameter in the data set allocated to EXPPARM DD must be ALL_CREATORS (x), where x is Y or N depending on whether all the explain tables found (based on PLAN_TABLE_CONV, DSN_STATEMNT_CONV and DSN_FUNCTION_CONV parameters) are going to be converted or only for a specific CREATOR. This data set is created using the EC option under the Value Pack component from the main menu.

PT77428E**Invalid syntax for CONVERT_CREATOR parameter****Reason:**

The CONVERT_CREATORS parameter in the data set allocated to EXPPARM DD in the JCL is invalid.

The sixth parameter in the data set allocated to EXPPARM DD must be ALL_CREATORS (x), where x is Y or N depending on whether all the explain tables found (based on PLAN_TABLE_CONV, DSN_STATEMNT_CONV and DSN_FUNCTION_CONV parameters) are going to be converted or only for a specific CREATOR. This data set is created using the EC option under the Value Pack component from the main menu.

PT77429E**EXPPARM DD missing DB2_CREATOR parameter****Reason:**

The DB2_CREATOR parameter in the data set allocated to EXPPARM DD in the JCL is missing.

The seventh parameter in the data set allocated to EXPPARM DD must be DB2_CREATOR (*base-creator*), where *base-creator* is the creator of the three explain tables having the most recent changes for the specific DB2 version. These tables are typically created as part of the DB2 install or upgrade.

The explain tables are as follows:

- PLAN_TABLE
- DSN_STATEMNT_TABLE
- DSN_FUNCTION_TABLE

This parameter is used to find the definition of these tables, which are then used to convert existing tables to have the same look. The data set holding this parameter is created using the EC option under the Value Pack component from the main menu.

PT77430E**Invalid syntax for DB2_CREATOR parameter****Reason:**

The DB2_CREATOR parameter in the data set allocated to EXPPARM DD in the JCL is missing.

The seventh parameter in the data set allocated to EXPPARM DD must be DB2_CREATOR (*base-creator*), where *base-creator* is the creator of the three explain tables having the most recent changes for the specific DB2 version. These tables are typically created as part of the DB2 install or upgrade.

The explain tables are as follows:

- PLAN_TABLE
- DSN_STATEMNT_TABLE
- DSN_FUNCTION_TABLE

This parameter is used to find the definition of these tables, which then are used to convert existing tables to have the same look. The data set holding this parameter is created using the EC option under the Value Pack component from the main menu.

PT77431E

Valid values for PLAN_TABLE_CONV is Y or N

Reason:

The PLAN_TABLE_CONV parameter in the data set allocated to EXPPARM DD in the JCL is invalid. The only valid values are Y or N.

The second parameter in the data set allocated to EXPPARM DD must be PLAN_TABLE_CONV (x), where x is Y or N depending on whether PLAN_TABLEs are going to be converted. This data set is created using the EC option under the Value Pack component from the main menu.

PT77432E

Valid values for DSN_STATEMNT_CONV is Y or N

Reason:

The DSN_STATEMNT_CONV parameter in the data set allocated to EXPPARM DD in the JCL is invalid. Valid values are Y or N.

The third parameter in the data set allocated to EXPPARM DD must be DSN_STATEMNT_CONV (x), where x is Y or N depending on whether DSN_STATEMNT_TABLEs are going to be converted. This data set is created using the EC option under the Value Pack component from the main menu.

PT77433E

Valid values for DSN_FUNCTION_CONV is Y or N

Reason:

The DSN_FUNCTION_CONV parameter in the data set allocated to EXPPARM DD in the JCL is invalid. Valid values are Y or N.

The fourth parameter in the data set allocated to EXPPARM DD must be DSN_FUNCTION_CONV (x), where x is Y or N depending on whether DSN_FUNCTION_TABLEs are going to be converted. This data set is created using the EC option under the Value Pack component from the main menu.

PT77434W

DB.TS = databasename.tablespaceName

Reason:

This message is accompanied by PT77423W and PT77424W and describes the database and tablespace being referred to in these messages.

These three messages warn you that the specified tablespace has to be altered to use a bigger buffer pool for the ALTER TABLE ALTER COLUMN statements to be executable. The reason is the rowlength for a table residing in this tablespace will increase beyond what the current allocated buffer pool can hold.

Before the ALTER statements generated can be executed, this tablespace must be dropped and created with a bigger buffer pool.

PT77435E

Valid values for ALL_CREATORS is Y or N

Reason:

The ALL_CREATORS parameter in the data set allocated to EXPPARM DD in the JCL is invalid. Valid values are Y or N.

The fifth parameter in the data set allocated to EXPPARM DD must be ALL_CREATORS (x), where x is Y or N depending on whether all the explain tables found (based on PLAN_TABLE_CONV, DSN_STATEMENT_CONV and DSN_FUNCTION_CONV parameters) are going to be converted or only for a specific CREATOR. This data set is created using the EC option under the Value Pack component from the main menu.

PT77436E**Specify an existing creator for explain tables.****Reason:**

The DB2_CREATOR parameter in the data set allocated to EXPPARM DD in the JCL is invalid. The creator specified in the parenthesis must be an existing creator for the explain tables having the most current format

The seventh parameter in the data set allocated to EXPPARM DD must be DB2_CREATOR (*base-creator*), where *base-creator* is the creator of the three explain tables having the most recent changes for the specific DB2 version. These tables are typically created as part of the DB2 install or upgrade.

The explain tables are as follows:

- PLAN_TABLE
- DSN_STATEMNT_TABLE
- DSN_FUNCTION_TABLE

This parameter is used to find the definition of these tables, which then are used to convert existing tables to have the same look. The data set holding this parameter is created using the EC option under the Value Pack component from the main menu.

PT77437E**All explain tables are set to not to be converted.****Reason:**

All the following three parameters in the data set allocated to EXPPARM DD in the JCL are set to N :

- PLAN_TABLE_CONV
- DSN_STATEMNT_CONV
- DSN_FUNCTION_CONV

Action:

At least **one** of the parameters must be set to Y; otherwise there are no tables to check for conversion to the most current definition.

PT77438E

Creator must be specified for CONVERT_CREATOR

Reason:

ALL_CREATORS (N) has been specified in the data set allocated to EXPPARM DD in the JCL, but the content of CONVERT_CREATOR parameter is empty.

ALL_CREATORS (N) is specified, meaning not all the existing explain tables in the DB2 subsystem are going to be converted. This means a CREATOR must be specified in the CONVERT_CREATOR parameter to illustrate WHICH explain table creator must be converted.

PT77439E

DB2 error for CURSOR C9 checking bufferpool

Reason:

An unpredictable error occurred trying to access the DB2 catalog to retrieve information about the currently allocated bufferpool for the explain table being converted to the most current format.

Action:

Please check the job output, which holds information about the SQLCODE and the reason that this message displayed.

PT77440E

DB2 error for CURSOR C7 get DB2 Master table

Reason:

An unpredictable error occurred trying to access the DB2 catalog to retrieve information for the master explain tables to be used as the skeleton for the conversion.

Action:

Please check the job output, which holds information about the SQLCODE and the reason that this message displayed.

PT77441E**Alter not possible - existing column bigger:****Reason:**

The column listed in this message for the specific table is larger than the corresponding column from the explain table to which it is being compared.

The generated ALTER TABLE ALTER COLUMN statement cannot be executed because DB2 ALTER does not allow a column to be decreased in size. SQL comment symbols will be placed for the generated ALTER statement and a ROLLBACK statement will be generated.

PT77442E**Table does not have minimum number of columns:****Reason:**

The explain table listed in this message has fewer columns than the minimum requirement described in the IBM documentation.

The minimum number of columns for the explain tables as described in the IBM DB2 documentation are as follows:

- For the PLAN_TABLE, the minimum number of columns is 25
- For the DSN_STATEMNT_TABLE, the minimum number of columns is 11
- For the DSN_FUNCTION_TABLE, the minimum number of columns is 15

Because you must define these columns as NOT NULL, you cannot use alter statements to add them to the table. Any ALTER statements generated to this table are proceeded with a ROLLBACK, but processing continues.

PT77443E**Table has too many columns compared to master:****Reason:**

The explain table listed in this message has more columns compared to the master specified by the DB2_CREATOR parameter in the data set allocated to EXPPARM.

Any ALTER statements generated for this table are proceeded with a ROLLBACK statements, because the table will be invalid for explain if the ALTER's were carried out. Processing continues.

PT77444E

EXPPARM DD missing DB2VERSION parameter

Reason:

The DB2VERSION parameter in the data set allocated to EXPPARM DD in the JCL is missing.

The eighth parameter in the data set allocated to EXPPARM DD must be DB2VERSION (x), where x is a DB2 version number (currently only V8 is supported). This parameter describes to which DB2 version the explain tables are being converted to. This data set is created using the EC option under the Value Pack component from the main menu.

PT77444W

Error reading parmlib

Reason:

The parmlib data set could not be found allocated to PTIPARM in the JCL. Execution will terminate.

Action:

Ensure PTIPARM has the correct *high-level*.CDBAPARM allocated.

PT77445E

Invalid syntax for DB2VERSION parameter

Reason:

The DB2VERSION parameter in the data set allocated to EXPPARM DD in the JCL is invalid.

The eighth parameter in the data set allocated to EXPPARM DD must be DB2VERSION (x), where x is a DB2 version number (currently only V8 is supported). This parameter describes to which DB2 version the explain tables are being converted to. This data set is created using the EC option under the Value Pack component from the main menu.

PT77446E

Currently only DB2 V8 conversion supported.

Reason:

An invalid value was specified for DB2VERSION parameter in the data set allocated to EXPPARM DD in the JCL

Currently the only valid parameter is (08). This parameter describes to which DB2 version the explain tables are being converted. This data set is created using the EC option under the Value Pack component from the main menu.

PT800E

An internal error occurred. Error information:

servname,00,servtype,calladdr,statcode,reason01,reason02

Reason:

An internal error has occurred. Error information follows:

servname

Specifies the name of the service routine that failed.

servtype

Specifies the type of service provided by the service routine.

calladdr

Specifies the address in hexadecimal of the instruction that follows the call to the service routine.

statcode

Specifies the status code in hexadecimal of the service routine.

reason01

Specifies the primary reason code in hexadecimal.

reason02

Specifies the secondary reason code in hexadecimal.

This message is issued when a service routine fails and provides information of interest to CA Technical Support. A dump is also generated if a SYSUDUMP or SYSMDUMP data set is provided.

PT804E

MAKETAB facility is not available on DB2 Version 10.

Reason:

The MAKETAB facility is not available for creating alternate catalog mapping (ACM) shadow tables and indexes and loading the shadow tables on DB2 10.

Action:

Create and upload the shadow tables outside of the MAKETAB facility.

PT860E

Requested Object Not Found. If ACM = Y, system catalog accessed.

Reason:

The object you specified was not found. If ACM is in use, note that the LBIND/LREBIND/LFREE command does not support ACM. The system catalog may not contain the object.

PT864E

Enter a value for the replaceable parameter

Reason:

Indicates that a runtime value is needed for a replaceable parameter in an extended selection or data query WHERE condition. A maximum number of up to 255 characters may be entered. You can view the extended selection or data query by entering the SQL primary command.

PT865E

Invalid row limit entered - must be blank or 1-99999999.

Reason:

The Row Limit value entered is not valid.

Row Limit can be blank or a number from 1 to 99999999. If blank, no row limit is used.

PT870E

Batch Processor has completed with errors.

Reason:

The PT870E message informs you that although the Batch Processor has completed, errors were present.

Action:

Review the JESYSMSG output for additional error messages which may be present.

PT880E

Invalid characters in data set name. The data set name must include only national characters (A-Z, 0-9, @, #, \$). Be sure you have not entered the name in quotes or specified a member name.

Reason:

Indicates that invalid characters have been specified in the Batch Processor audit file data set field.

Action:

The following rules must be used when specifying the data set name:

- Use only national characters (A-Z, 0-9, @, #, \$)
- Do not enclose in quotes or include a member name

Correct the data set name and retry the request.

PT881I

Batch processor request is cancelled.

Reason:

Indicates that the Batch Processor request was cancelled.

Action:

None. This message is informational.

PT882W

Jump command is ignored from this panel.

Reason:

Indicates that a jump command was entered; however, it is not valid on the panel where it was entered. This can occur on a popup window where you are specifying additional information about a request.

Action:

Specify Enter or Cancel instead of jump.

PT883E

Only one of DDNAME and data set name can be specified.

Reason:

Indicates that a ddname and a data set name were specified in the Batch Processor interface on the Audit List Data Set Options panel. Only one of the choices (ddname or data set name) is supported.

Action:

Remove one of the two fields and retry the request.

PT884E

One of DDNAME or data set name must be specified. Enter either the DDNAME or the name of an existing, cataloged data set.

Reason:

Indicates that the ddname and data set name field are empty on the Batch Processor interface Audit List Data Set Options panel. One of these values is required.

Action:

Specify only one of the two fields and retry the request.

PT885E

The DDNAME specified is an invalid name.

Reason:

Indicates that the ddname specified on the Batch Processor interface Audit List Data Set Options panel is invalid. The ddname must be one- to eight- national characters (A-Z, 0-9, @, # and \$).

Action:

Correct the ddname and retry the request.

PT886E

The data set name specified is an invalid name.

Reason:

Indicates that the format of the data set name specified on the Batch Processor interface Audit List Data Set Options panel is invalid. The following rules must be followed:

- The name must be one- to -eight national characters (A-Z, 0-9, @, #, \$) and can include periods (.).
- The maximum length is 44 characters.
- The name must not be enclosed within apostrophes and must not include a member name.

Action:

Correct the data set name and retry the request.

PT887E

Enter a cataloged data set name.

Reason:

Indicates that the specified data set name is not cataloged. The data set must be cataloged for proper function.

Action:

Change the data set name to a cataloged data set name and retry the request.

PT888W

Quotes have been removed from the data set name.

Reason:

Indicates that the specified data set name was enclosed in quotes. Quotes are not permitted in Batch Processor audit file data set names. The Batch Processor removed the quotes from the data set name.

Action:

Verify that the resulting data set is the correct data set for this request.

PT889W

Data set name has been changed.

Reason:

Indicates that the specified data set name was changed.

Action:

This is typically a result of the data set name not identifying a cataloged data set and then the user changing the name to that of a cataloged data set.

PTD Messages

Messages with the PTD prefix are generated from CA Data Compressor.

PTDA003I

DATA COMPRESSOR DYNAMIC-ALTER CONTROL CARD PARSING STARTED

Reason:

The utility is parsing the DYNAMIC-ALTER syntax.

PTDA004E

DATA COMPRESSOR AUTHORIZATION FAILED - CONTACT CA SUPPORT

Reason:

Your site may not have a current license.

Action:

For assistance, contact CA Support at <http://ca.com/support>.

PTDA005E**"CHANGEDATA/NOCHANGEDATA/RECOVERY" MUST BE LAST KEYWORD****Reason:**

The DYNAMIC-ALTER syntax to add a transparent compression routine must end with NOCHANGEDATA or RECOVERY.

PTDA006E**"TABLE" KEYWORD ONLY VALID AFTER "DYNAMIC-ALTER"****Reason:**

The DYNAMIC ALTER keyword must be followed by TABLE and a table name.

PTDA007E**TABLE NAME MISSING CREATOR NAME, OR CREATOR NAME TOO LONG****Action:**

You must specify a table name, in the form *creator.tablename*, after the TABLE keyword. The creator can be up to 8 characters long.

PTDA008E**TABLE NAME TOO LONG****Reason:**

A DB2 table name can be up to 18 characters long.

Action:

Check the control cards.

PTDA009E**"EDITPROC" KEYWORD VALID ONLY AFTER TABLE NAME****Reason:**

The EDITPROC keyword must follow the table name specification.

PTDA010E

"ADD" KEYWORD VALID ONLY AFTER "EDITPROC" KEYWORD

Reason:

The ADD keyword can only be placed following the EDITPROC keyword.

PTDA011E

INVALID EDITPROC NAME AFTER "ADD" KEYWORD

Action:

You must specify the name of a transparent compression routine after the ADD keyword. You cannot specify a non-transparent edit procedure in a dynamic alter.

PTDA012E

TABLE NAME MISSING AFTER "TABLE" KEYWORD

Action:

You must specify a table name, in the form *creator.tablename*, after the TABLE keyword. The creator can be up to 8 characters long.

PTDA013E

EDITPROC NAME MISSING AFTER "ADD" KEYWORD

Action:

You must specify the name of a transparent compression routine after the ADD keyword.

PTDA014E

"FROM" KEYWORD VALID ONLY AFTER "EDITPROC" KEYWORD

Reason:

The FROM keyword can only be specified immediately after the EDITPROC keyword.

PTDA015E**INVALID EDITPROC NAME AFTER "FROM" KEYWORD****Reason:**

The old edit procedure specified immediately after the FROM keyword must be a transparent edit procedure.

Action:

If you want to switch from a non-transparent edit procedure, you must drop the edit procedure using a standard ALTER TABLE command.

PTDA016E**EDITPROC NAME MISSING AFTER "FROM" KEYWORD****Action:**

You must specify the current edit procedure that you want to switch from, immediately after the FROM keyword.

PTDA017E**"TO" KEYWORD VALID ONLY AFTER "FROM" CLAUSE****Reason:**

You cannot specify TO unless you have specified FROM.

PTDA018E**INVALID EDITPROC NAME AFTER "TO" KEYWORD****Reason:**

The new edit procedure specified immediately after the TO keyword must be a transparent edit procedure.

Action:

If you want to switch to a non-transparent edit procedure, you must alter the edit procedure using a standard ALTER TABLE command

PTDA019E

EDITPROC NAME MISSING AFTER "TO" KEYWORD

Reason:

You must specify the edit procedure that you want to switch to, immediately after the TO keyword.

PTDA025E

"TABLE" KEYWORD MISSING AFTER "DYNAMIC-ALTER" KEYWORD

Reason:

You must specify the TABLE keyword immediately after DYNAMIC-ALTER.

PTDA026E

DYNAMIC-ALTER STATEMENT INCOMPLETE - EXPECTED "EDITPROC" OR "ADD"

Reason:

To add a transparent compression routine to a table, you must include the EDITPROC keyword after the table specification in the control cards.

Action:

To add a column to a table that has a transparent edit procedure, you must include the ADD keyword.

PTDA027E

DYNAMIC-ALTER STATEMENT INCOMPLETE - EXPECTED "ADD", "DROP", OR "FROM"

Reason:

You have specified a transparent edit routine after the EDITPROC keyword without specifying ADD, DROP, or FROM.

PTDA028E

DYNAMIC-ALTER STATEMENT INCOMPLETE - EXPECTED "TO" KEYWORD

Reason:

You have specified that you want to change from an old edit procedure to a new one, but you did not include the TO keyword in the syntax.

PTDA029E**STATEMENT INCOMPLETE - EXPECTED "CHANGEDATA/NOCHANGEDATA" KEYWORD****Reason:**

When you are adding a transparent edit procedure, you must include the NOCHANGEDATA keyword after specifying the edit procedure. The CHANGEDATA option is not available at this time.

PTDA043E**"DROP" KEYWORD VALID ONLY AFTER "EDITPROC" KEYWORD****Reason:**

If you want to drop a transparent edit procedure from a table, you must specify DROP immediately after the EDITPROC keyword.

PTDA044E**INVALID EDITPROC NAME AFTER "DROP" KEYWORD****Reason:**

You can only drop transparent edit procedures using the dynamic alter syntax.

Action:

Use the DB2 TABLE ALTER syntax to drop a non-transparent edit procedure from a table.

PTDA045E**EDITPROC NAME MISSING AFTER "DROP" KEYWORD****Reason:**

You must specify the name of the transparent edit procedure that you want to drop from the table, immediately following the DROP keyword.

PTDA046E**"CHANGEDATA" NOT SUPPORTED FOR "DROP" - "DROP" IS ONLY FOR RECOVERY****Reason:**

You must specify RECOVERY after you specify DROP edit procedure.

PTDA047E

DATA-TYPE ALLOWED ONLY AFTER "ADD" KEYWORD

Reason:

You must specify the column name and data type of the column to be added to a table with a transparent edit procedure only after the ADD keyword.

PTDA048E

DATA-TYPE PRECISION/LENGTH MISSING

Reason:

The data type you have specified did not include the required precision or length parameter.

PTDA049E

INVALID DATA-TYPE PRECISION/LENGTH

Reason:

The data type you have specified did not include a valid precision or length parameter.

PTDA050E

CLOSING PARENTHESIS MISSING

Reason:

You have unbalanced parentheses in the control cards.

PTDA051E

WORD "PRECISION" MISSING AFTER WORD "DOUBLE"

Reason:

To specify a column of double precision, you must specify DOUBLE PRECISION.

PTDA052E**WORD "VARCHAR" OR "VARGRAPHIC" MISSING AFTER WORD "LONG"****Reason:**

You must specify what kind of long data the column is.

Action:

Specify LONG VARCHAR or LONG VARGRAPHIC.

PTDA053E**"FOR" KEYWORD INVALID IN THIS POSITION****Reason:**

The FOR keyword must follow the column name and data type.

PTDA054E**"SBCS", "MIXED", OR "BIT" KEYWORD VALID ONLY AFTER "FOR" KEYWORD****Reason:**

FOR DATA specifications must follow the *ADD column data-type* specification, and take the following form: *FOR SBCS/MIXED/BIT DATA*.

PTDA055E**"DATA" KEYWORD ONLY VALID AFTER "FOR SBCS/MIXED/BIT" CLAUSE****Reason:**

FOR DATA specifications must follow the *ADD column data-type* specification, and take the following form: *FOR SBCS/MIXED/BIT DATA*.

PTDA056E**"NOT" KEYWORD INVALID IN THIS POSITION****Reason:**

NOT can only be included as part of the NOT NULL WITH DEFAULT specification. This specification should be at the end of the syntax.

PTDA057E

"NULL" KEYWORD MISSING AFTER "NOT" KEYWORD. NULL must be included as part of the NOT NULL WITH DEFAULT specification.

Reason:

This specification should be at the end of the syntax.

PTDA058E

"WITH" KEYWORD MISSING AFTER "NOT NULL" CLAUSE. WITH DEFAULT must be included as part of the NOT NULL WITH DEFAULT specification.

Reason:

This specification should be at the end of the syntax.

PTDA059E

"DEFAULT" KEYWORD MISSING AFTER "NOT NULL WITH" CLAUSE. DEFAULT must be included as part of the NOT NULL WITH DEFAULT specification.

Reason:

This specification should be at the end of the syntax.

PTDA060E

STATEMENT INCOMPLETE - EXPECTED DATA-TYPE FOR COLUMN

Reason:

When you are specifying a column to add to a table with a transparent edit procedure, you must specify the data-type immediately after the column name.

PTDA061E

STATEMENT INCOMPLETE - EXPECTED REST OF "FOR SBCS/MIXED/BIT" CLAUSE

Reason:

To specify a data format, you must include the entire FOR DATA statement.

PTDA062E**STATEMENT INCOMPLETE - EXPECTED REST OF "NOT NULL WITH DEFAULT"****Reason:**

To specify not null with default, you must include the entire NOT NULL WITH DEFAULT statement.

PTDA063E**"RECOVERY" KEYWORD NOT VALID WITH "ADD" OPERATION****Reason:**

You can only specify RECOVERY with *FROM xx TO yy* or *DROP xx* syntax.

PTDA064**"NOCHANGEDATA" KEYWORD NOT VALID WITH "FROM-TO" OPERATION****Reason:**

You can only specify the NOCHANGEDATA keyword with *ADD xx* syntax.

PTDA065E**"CHANGEDATA" KEYWORD NOT VALID WITH "DROP" OPERATION****Reason:**

The CHANGEDATA keyword is not in use at this time.

PTDA066E**"NOCHANGEDATA" KEYWORD NOT VALID WITH "DROP" OPERATION****Reason:**

You can only specify the NOCHANGEDATA keyword with *ADD xx* syntax.

PTDA067E**"CUSTOMEDITPROC" KEYWORD VALID ONLY AFTER TABLE NAME****Reason:**

You must specify a table name immediately after the DYNAMIC-ALTER keyword.

PTDA068E

WORD "CUSTOMEDITPROC" MISSING AFTER WORD "WITH"

Reason:

You must follow the word WITH with CUSTOMEDITPROC in DYNAMIC-ALTER syntax.

PTDA069E

WORD "WITH" KEYWORD ONLY VALID AFTER TABLE NAME

Reason:

You must specify a table name immediately after the DYNAMIC-ALTER keyword.

PTDA070E

DYNAMIC-ALTER STATEMENT INCOMPLETE - EXPECTED "CUSTOMEDITPROC"

Reason:

You must include the CUSTOMEDITPROC keyword in the DYNAMIC-ALTER syntax if you are adding any transparent edit procedure other than the transparent edit procedures that are provided.

PTDA071E

DYNAMIC-ALTER STATEMENT INCOMPLETE - EXPECTED "ADD"

Reason:

The WITH CUSTOMEDITPROC clause is used only when you are adding a new column to a table that uses a customized transparent edit procedure.

PTDA099T

"CHANGEDATA" KEYWORD NOT SUPPORTED YET IN THIS RELEASE

Reason:

The CHANGEDATA keyword is not in use at this time.

PTDA101

OPERATION ON SYSTEM DATABASE IS NOT SUPPORTED

Reason:

You cannot add transparent edit procedures or new columns to tables in the system database.

PTDA257**DYNAMIC-ALTER PROCESSING STARTED date****Reason:**

Indicates that the alter processing has begun.

PTDA287**DYNAMIC-ALTER PROCESSING COMPLETE****Reason:**

Indicates that the utility has completed the dynamic alter.

PTDA288**DYNAMIC-ALTER PROCESSING TERMINATED DUE TO ERROR(S) - SEE MESSAGES ABOVE****Reason:**

The dynamic alter job encountered errors that caused the process to stop.

PTDA301E**TABLE ALREADY HAS EDITPROC****Reason:**

You have specified that you want to add a transparent edit procedure to a table that already has an edit procedure.

Action:

You must drop the existing edit procedure before you can add a new one.

If it is a transparent edit procedure, you can use the FROM TO syntax.

PTDA302E**ADD WITH NOCHANGEDATA REQUIRES A TRANSPARENT EDITPROC****Reason:**

You must specify a transparent edit procedure following the ADD keyword, and follow it with NOCHANGEDATA.

PTDA304W

WARNING: EDITPROC DROP IS ONLY FOR RECOVER OR UNDO PURPOSES

Reason:

DROP edit procedure should only be used to recover to a previous point in time or for other "undo" purposes.

Action:

Do not use it to remove the edit procedure permanently.

PTDA305E

EDITPROC FROM AND TO CANNOT BE SAME NAME

Reason:

When you specify FROM xx TO yy, you cannot specify the same edit procedure for the FROM and the TO edit procedures.

PTDA306W

WARNING: EDITPROC FROM/TO WITH RECOVERY IS ONLY FOR RECOVERY

Reason:

FROM xx TO yy should only be used to recover to a previous point in time or for other "undo" purposes.

Action:

Do not use it to change the edit procedure permanently.

PTDA307E

TABLE DOES NOT HAVE AN EDITPROC - USE DB2 ALTER TABLE

Reason:

You have tried to add a column to a table using DYNAMIC-ALTER, but the table does not have an edit procedure.

Action:

Use the standard DB2 ALTER TABLE syntax to add the column.

PTDA308E**ERROR ENABLING CATALOG UPDATE****Reason:**

Dynamic alter was not able to update the DB2 system catalog.

PTDA309E**UTMDAAED GETMAIN FAILURE****Reason:**

Dynamic alter encountered an internal error.

PTDA310E**ERROR PREPARING INITIAL DDL****Reason:**

Dynamic alter encountered an internal error.

PTDA311E**ERROR EXECUTING INITIAL DDL****Reason:**

Dynamic alter encountered an internal error.

PTDA312E**ERROR PREPARING STEP 2 DDL****Reason:**

Dynamic alter encountered an internal error.

PTDA313E**ERROR EXECUTING STEP 2 DDL****Reason:**

Dynamic alter encountered an internal error.

PTDA316E

ERROR PREPARING ALTER DDL

Reason:

Dynamic alter encountered an internal error.

PTDA317E

ERROR EXECUTING ALTER DDL

Reason:

Dynamic alter encountered an internal error.

PTDA318E

ERROR PREPARING CATALOG SQL

Reason:

Dynamic alter encountered an internal error.

PTDA319E

ERROR EXECUTING CATALOG SQL

Reason:

Dynamic alter encountered an internal error.

PTDA320E

ERROR RESETTING CATALOG UPDATE

Reason:

Dynamic alter encountered an internal error.

PTDA321E

ADD COLUMN REQUIRES A TRANSPARENT EDITPROC

Reason:

You have tried to add a column to a table using DYNAMIC-ALTER, but the table does not have a transparent edit procedure.

PTDA322E**TABLE RECLENGTH EXCEEDS MAX ALLOWED FOR TABLE WITH AN EDITPROC****Reason:**

You cannot add an edit procedure to the table you specified because its row length exceeds the maximum allowed by DB2 for tables with edit procedures.

PTDA323I**TABLE USES A TRANSPARENT EDITPROC****Reason:**

The table you specified has a transparent edit procedure.

PTDA324I**TABLE WILL USE A TRANSPARENT EDITPROC****Reason:**

The table you specified will use a transparent edit procedure.

PTDA325I**EDITPROC ADDED TO TABLE****Reason:**

The edit procedure has been successfully added to the table.

PTDA326I**EDITPROC DROPPED FROM TABLE****Reason:**

The edit procedure you specified has been successfully dropped from the table.

PTDA327W

TABLE WILL REQUIRE RECOVERY OR PAGE CHANGES

Reason:

The data in the table is not currently in a usable format.

Action:

After the edit procedure is dropped from the table, load the table with valid data.

PTDA328I

EDITPROC CHANGED FOR TABLE tblname

Reason:

The edit procedure has been changed as specified for the table named in the message.

PTDA329E

TABLE WITH A LONG COLUMN CANNOT BE ALTERED

Reason:

The alteration you requested cannot be made because the table has a long column.

PTDA330W

DEFINITION CHANGE OF TABLE MAY REQUIRE

Action:

See the following message.

PTDA331W

... SIMILAR CHANGE ON READ-ONLY SYSTEMS

Reason:

If the table being altered is an owner table, the read-only tables might need to be altered also.

PTDA332W

... (SQLCODE=+738)

Reason:

Messages PTDA330W and PTDA331W precede this message.

PTDA334E**ERROR EXECUTING ALTER TABLESPACE DDL****Reason:**

Dynamic alter encountered an internal error.

PTDA335I**TABLESPACE ENABLED FOR 255 ROWS PER PAGE****Reason:**

This is an informational message informing you that the 127 row restriction has been removed.

PTDA336I**TABLESPACE PREVIOUSLY ENABLED FOR 255 ROWS PER PAGE****Reason:**

This is an informational message informing you that this tablespace has already had its 127 row restriction removed.

PTDA337E**ERROR PREPARING ALTER TABLESPACE DDL****Reason:**

Dynamic alter encountered an internal error.

PTDA398E**UNKNOWN FUNCTION IN UTADAAED****Reason:**

Dynamic alter encountered an internal error.

PTDA399E

CALL CUSTOMER SUPPORT

Reason:

Dynamic alter encountered an internal error.

PTDA999

DYNAMIC-ALTER INTERNAL ERROR - CALL Customer Support

Reason:

Dynamic alter encountered an internal error.

Action:

For assistance, contact CA Support at <http://ca.com/support>.

PTDC001

PTIIPT DDNAME MISSING OR FAILED OPEN

Reason:

The PTIIPT ddname is missing or failed to open.

Action:

Check that the PTIIPT ddname is allocated to a valid and available input data set (names of compression routines).

PTDC002

STORAGE ACQUISITION FAILED

Reason:

Not enough storage is available.

Action:

Increase your region size by entering a larger value for the *JCL* REGION= parameter.

PTDC003**PTILIB DDNAME MISSING OR FAILED OPEN****Reason:**

The PTILIB ddname could not be opened or found. This data set is used by the CA products to access load modules for internal processing. Without this data set, processing cannot continue and has been terminated.

Action:

Check that the PTILIB ddname is allocated to the CA product libraries.

PTDC004**PRODUCT IS NOT AUTHORIZED TO EXECUTE ON THIS SYSTEM****Reason:**

Authorization to use the product has not been assigned for the specified DB2 subsystem.

Action:

Define the appropriate authorization.

PTDC005**PTILOAD DDNAME MISSING OR FAILED OPEN****Reason:**

The PTILOAD ddname could not be opened or found.

Action:

Check that the PTILOAD ddname is allocated to a valid and available input data set (control cards).

PTEX Messages

Messages with the PTEX prefix are generated from general facilities used by several products, including: CA Fast Check, CA Fast Index, CA Fast Load, CA Fast Recover, CA Fast Unload, CA LogCompress, CA Merge/Modify, CA Quick Copy, and CA Rapid Reorg.

PTEX001

UTILITY DATASET DEB ERROR. RETURN CODE: rc

Reason:

The process which allows Utility data sets to occupy two extents has encountered a data set that occupies just one extent. This message can occur under rare circumstances. It is not generally necessary to have the UTIL data set set at two extents.

Action:

A temporary resolution would be to define the Utility data set as one track for the primary and secondary allocations, and then run the initialization program.

PTEX002

THE UCB@ COULD NOT BE FOUND FOR VOLSER: volser

Reason:

The UCB, an MVS control block for the device, could not be found for the specified volume serial.

PTEX003

THE DEVICE TYPE OF THE DATASET IS NOT SUPPORTED

Reason:

CA DB2 utilities do not support the device type specified for the data set. The currently supported devices are as follows: 3350, 3380, 3390, and 34xx.

Action:

If an error occurs with a supported device, contact Technical Support.

PTEX005

READ FAILED

Reason:

A read I/O operation was unsuccessful.

Action:

Examine other messages issued during the job to help determine the source of the problem. To diagnose the problem, the entire job is required, including all system and CA messages.

PTEX006**STORAGE ACQUISITION FAILED****Reason:**

The CA DB2 utility was unable to acquire the amount of storage necessary for the current task.

Action:

Specify a larger REGION size and rerun or restart the job.

PTEX007**UTIL DATASET FAILED ALLOCATION****Reason:**

EXCP processing dynamically allocates a temporary data set used to facilitate its processing. This allocation failed.

Action:

Inspect the JES Log for the job and the JES messages for the job step for indications of failure. Also ensure that the generic unit name SYSALLDA, installed by default in MVS, is valid in your environment.

PTEX008**DATASET IS BEING ALLOCATED****Reason:**

Indicates that an object has been migrated. The job will appear to be in a Wait State while the data set is being recalled.

Action:

If this job is running for benchmark results, rerun it to achieve an accurate benchmark.

PTEX009

BUILD EXNODES FAILED. POSSIBLE LISTCAT ERROR.

Reason:

The CA DB2 utility was unable to perform a LISTCAT on a data set. This might be due to the data set being migrated, among other reasons.

Action:

Rerun the job with ALLMSGs.

PTEX010

UTLEXCPE LINK FAILED. NOTIFY COMPUTER ASSOCIATES.

Reason:

The UTLEXCPE link has failed. This module prints diagnostic information in the event of an error. If this message displays, an underlying problem occurred which caused an attempt to print diagnostics. However, that attempt failed.

Action:

Ensure that UTLEXCPE is in the STEPLIB and resubmit the job to obtain the diagnostic information for use by Technical Support.

PTEX011

DIRECT ACCESS NOT ALLOWED FOR TAPE DEVICES

Reason:

Direct access methods cannot be used to read or write data to tape (cartridge) devices. You must use sequential access.

Action:

See the product's documentation to ensure that the ddnames you specified are correct.

PTEX012

OPEN FAILED FOR ddname

Reason:

An attempt to open the data set associated with *ddname* failed.

Action:

To determine that data set name, find the *ddname* in the JES messages for the job step. The data set name accompanies *ddname* in the messages.

PTEX013

UNABLE TO LOAD PTLSVC99

Reason:

The load module PTLSVC99 was not loaded.

Action:

To determine the cause of the failure, examine the JES Log for the job and the JES messages for the job step. Also, inspect the STEPLIB concatenation.

PTEX019I

SYS1.DUMPXX IS CREATED FOR RIO COMPONENT

Reason:

Indicates that an error has been detected in one of the RIO modules. An SVC dump has been captured.

Action:

Save this dump and for assistance, contact Technical Support.

PTFL Messages

This section details messages that contain the PTFL prefix.

PTFL131

DISCARD DETAIL LIST

Reason:

This message marks the beginning of the discarded records report.

Action:

None.

PTFL135

COLUMN ENDS OUTSIDE INPUT
PTFL135 COLUMN STARTS OUTSIDE INPUT
PTFL135 DATA FIELD NOT NUMERIC
PTFL135 DATA FIELD TOO LARGE
PTFL135 DATA NOT IN PARTITION KEY SEQ
PTFL135 DATA VALUE TOO LARGE
PTFL135 DATE FIELD INVALID
PTFL135 DATE / TIME EXIT REJECTED
PTFL135 DUPLICATE INDEX KEY
PTFL135 FAILED CONDITIONAL CHECK
PTFL135 FAILED CONVERSION SERVICE
PTFL135 FAILED CHECK CONSTRAINT
PTFL135 FAILED FIELDPROC CONVERSION
PTFL135 FAILED OBID CHECK
PTFL135 FAILED "PARTITION" KEY
PTFL135 FAILED REFERENTIAL INTEGRITY
PTFL135 FAILED RI & CHECK CONSTRAINT
PTFL135 FAILED VALIDPROC CHECK
PTFL135 FLOAT FIELD CONVERSION ERROR
PTFL135 INPUT FILE CONVERSION ERROR
PTFL135 INVALID DATA FOUND
PTFL135 INVALID GRAPHICS STRING
PTFL135 INDEX KEY OUT OF SEQUENCE
PTFL135 LARGE TS LIMITKEY EXCEEDED
PTFL135 LOB CONVERSION FAILURE
PTFL135 PARTITION SIZE LIMIT EXCEEDED
PTFL135 PARTITIONS IN MULTIPLE INDDNS
PTFL135 TABLE ALTERED-UNLOAD SKIPPED
PTFL135 TIME FIELD INVALID
PTFL135 VARCHAR TOO BIG FOR DATA FIELD

Reason:

Indicates the reason the record was discarded.

PTGET Messages

Messages with the PTGET prefix are WTO messages that are generated from general facilities used by CA Fast Load and CA Rapid Reorg.

PTGET02E

GET@ <addrget> Get Error <rsncode>

Reason:

An error occurred while the utility was trying to perform an index page get.

The message variables are as follows:

- <addrget>—Hex address of the UTMGETP block
- <rsncode>—Hex reason code return by DB2

The utility retries the task. If all the retries fail, then the index page get task quits, a message is issued stating that the task failed, and the job ends with a return code of 16.

Action:

No action is required if the retries are successful. However, if you consistently get these messages, consider increasing the index's buffer pool or running the load when the system is less busy.

PTGL Messages

Messages with the PTGL prefix are generated from general facilities used by several products, including: CA Fast Check, CA Fast Index, CA Fast Load, CA Fast Recover, CA Fast Unload, CA LogCompress, CA Merge/Modify, CA Quick Copy, and CA Rapid Reorg.

PTGL000

CA-DB2 UTILITIES PROCESS STARTED

Reason:

This is an informational message. It is printed when CA Fast Unload begins processing.

Action:

None.

PTGL001

SYSIN ddname MISSING OR FAILED TO OPEN

Reason:

Indicates that the tablespace specified in the message is not in the correct state (RO, RW, UT, STOP, UTRO, UTRW, or copy pending) for the utility to operate on it.

PTGL004

STATUS CHECK FOR DATABASE: dbname

TABLESPACE: tsname

FAILED

Reason:

The tablespace named in this error message has an invalid status for making an image copy. For Quick Copy to make an image copy, the tablespace must be in one of the following states: RW, RO, copy pending, UTIL, or STOP. If the object is not in one of the above statuses, this error message displays.

Action:

To see the status of the object being copied, include the ALLMSG keyword in the Quick Copy syntax.

PTGL005

various messages

Reason:

These messages indicate that an error was encountered during data set access.

Action:

Check to be sure the data sets referenced for the table data are correct; and that proper DB2 authorities have been granted.

PTGL006

INITIALIZATION COMPLETE

Reason:

Indicates that initialization has completed successfully.

PTGL007**PROCESSING TERMINATED DUE TO "CHECK" OPTION****Reason:**

Processing has terminated because you have specified CHECK for the RESTART option. This option enables you to check the syntax for errors without executing the job.

Action:

Change the RESTART option and resubmit the job.

PTGL008**USER LACKS REQUIRED DB2 AUTHORITIES****Reason:**

You lack the DB2 authorities required to execute this CA DB2 utility. You must have **one** of the following authorities:

- SYSADM
- DBADM or DBCNTL authorities for the database containing the tablespace or indexspace to be reorganized, loaded, unloaded, or copies
- Specific DB2 authorities for the utility in question

PTGL009**PARAM FIELD ON EXECUTION CARD IS FORMATTED INCORRECTLY****Reason:**

The PARAM field on the EXEC card is not formatted correctly.

PTGL010**USERID PROCESSED: authid****- AUTHORIZATION ID PROCESSED****Reason:**

Indicates the user ID and secondary authorization ID specified has been successfully processed.

PTGL010

PTIIPT DDNAME MISSING OR FAILED OPEN

Reason:

The PTIIPT ddname is missing from your job or the DD could not be opened.

Action:

Check your job to make sure PTIIPT is included. If it is, check the DD.

PTGL010

SYSIN DDNAME MISSING OR FAILED OPEN

Reason:

The SYSIN (input) ddname is missing from your job or the DD could not be opened.

Action:

Check your job to make sure PTIIPT is included. If it is, check the DD.

PTGL011

STORAGE ACQUISITION FAILED - module_name

Reason:

Not enough storage is available. One possible problem is many discarded records during a reorg or load.

Action:

Try increasing your region size or reducing the number of I/O buffers.

PTGL012

PTILIB DDNAME MISSING OR FAILED OPEN

Reason:

You have not included a PTILIB (CA Products) ddname in your job or the DD specified could not be opened.

PTGL012**SIMPLE TABLESPACES LARGER THAN 2.2 GIGABYTES****Reason:**

Indicates that the utility was not able to process a simple tablespace because it was larger than 2.2 gigabytes.

PTGL013**PRODUCT IS NOT AUTHORIZED TO EXECUTE ON THIS SYSTEM****Reason:**

The product executing has expired or is not authorized to run on the requested CPU.

Action:

Contact your sales representative or for assistance.

PTGL013**REGION SIZE BELOW bytes BYTES****Reason:**

This message lists the region size (in bytes) available to the job.

PTGL013**CPU PASSWORD HAS EXPIRED. CONTACT CA.****Reason:**

Your site may not have a current CPU password.

PTGL014**CAF ERROR: error message****Reason:**

A Call Attach Facility error has occurred. The message text listed in this message varies depending on the error encountered. The errors usually occur when problems are encountered with connecting, opening plans, closing plans, and disconnecting.

Action:

Check the IBM *DB2 Messages and Codes* book to determine the error.

PTGL015

SYSTABLES UPDATE FAILED SQLCODE: code

Reason:

The update of SYSIBM.SYSTABLES failed for the reason given by the SQL error code.

PTGL015

SYSCOPY UPDATE FAILED => SQLCODE: code or SYSCOPY UPDATE FAILED => SQLCODE: code

****ATTEMPTING RETRY ****

Reason:

An attempted insert, delete, or update to SYSIBM.SYSCOPY failed. Another DB2 task might have had a lock on SYSIBM.SYSCOPY.

The first form of the message is received on the last attempt to update SYSIBM.SYSCOPY.

If this is the only PTGL015 message you receive, increase the value of the installation parameter RESTART-RETRY so that the update will be attempted more than once if it fails with an SQL error code of -911 or -913.

The second form of the message is generated for each unsuccessful attempt to update SYSIBM.SYSCOPY when the update will be attempted again.

PTGL015

SYSCOPY UPDATE FAILED SQLCODE: code

Reason:

The ICTYPE column SYSIBM.SYSCOPY could not be updated to record that a REORG LOG(NO) was performed.

PTGL015

DYNAMIC SQL SELECT FAILED FOR PREPARE => SQLCODE=code

Reason:

An attempted SQL SELECT statement failed, resulting in the listed SQLCODE.

Action:

See the IBM *DB2 Messages and Codes* manual for more information on this code.

PTGL016

CATALOG ACCESS SQL ERROR = > SQLCODE: - sql_error

Reason:

The displayed SQL error message was encountered when trying to access the DB2 catalog.

PTGL017

TABLESPACE IN STOP PENDING MODE - UTILITY WILL RETRY

Reason:

The specified tablespace is in Stop Pending mode, or the tablespace has been stopped but the buffers have not yet been externalized and all locks have not yet been released. The utility will retry.

PTGL017

SECONDARY AUTHORIZATION IS INVALID FOR THIS USER

Reason:

The authorization ID specified in the AUTHORIZATION-ID parameter is not valid for the user who submitted the job.

PTGL018

[TABLESPACE | INDEXSPACE] *name* FAILED TO [STOP | START]

Reason:

The utility was not able to stop or start the tablespace or indexspace successfully. The job will end with a return code of 8.

PTGL018

VALID RESPONSES ARE (Y)ES OR (N)O

Reason:

Valid responses are Y(es) or (N)o and you have specified an invalid response.

PTGL019

ELAPSED TIME: *time*

Reason:

The elapsed time for the Utility phase displays. This is an informational message.

PTGL020

**[INDEX | INDEXSPACE | TABLESPACE] FAILED [DE/ALLOC] RC- *returncode*
REASON- *reasoncode* INFO- *infocode* DSN => *datasetname* DDN => *ddname***

Reason:

Dynamic allocation/deallocation of the data set has failed. The return code, reason code, info code, data set name, and ddname are listed.

Action:

See the IBM *DB2 Messages and Codes* manual to determine the reason for the allocation or deallocation failure.

PTGL021

INDEX/INDEXSPACE/TABLESPACE DATASET FAILED OPEN

Reason:

Due to environmental conditions, the data set deallocation has failed. Contact your MVS Systems Programmer. VIO+ users: You might need to bypass VIO+ to open the tablespace successfully.

Action:

Include the VIOCTL DD control card in the job. See the *VIO+* documentation for more information about this control card.

Note: You cannot delete/define the data sets immediately before execution.

If you have just performed a delete/define, load an empty data set using IBM Load, and then the job will work fine.

In the future, use the space definition feature to redefine your data sets.

PTGL021**TABLESPACE FAILED "OPEN" OR "CLOSE"**

**RTN=>returncode RCODE=>reasoncode MOD=>module DSN=>datasetname
DDN=>ddname**

Reason:

The open or close of the tablespace data set has failed in the module indicated. The return code, data set name, and ddname are listed.

Action:

See the IBM *DB2 Messages and Codes* manual to determine the reason for the allocation or deallocation failure.

PTGL021**INDEXSPACE DATASET FAILED OPEN****Reason:**

Due to environmental conditions, the indexspace data set open has failed.

Action:

Contact your MVS systems programmer.

PTGL021**INDEX DATASET FAILED OPEN****Reason:**

Due to environmental conditions, the data set open has failed. Contact your MVS Systems Programmer. VIO+ users: You might need to bypass VIO+ to open the indexspace successfully.

Action:

Include the VIOCTL DD control card in the job. See the *VIO+* documentation for more information about this control card.

PTGL022**ACB / RPL GENERATION ERROR****Reason:**

An error has occurred in generating an ACB or RPL macro.

PTGL023

THE DB2 DATASET OPERATIONAL "STATE" IS NOT IN PROPER MODE

Reason:

Indicates that the indexspace or tablespace is not in a status required for the CA DB2 utilities to run against them. An IBM utility may be executing against them object.

Action:

Let the IBM utility complete, or use the DB2 -DISPLAY command to determine the state of the object, and correct the data set startup mode. Then restart the utility in question.

PTGL023

THE DB2 DATASET OPERATIONAL "STATE" IS *state*, FROM A PREVIOUS UTILITY

Reason:

Indicates that the indexspace or tablespace is not in a status required for the CA DB2 utilities to run against the object. The current state of the object is specified in the message.

Action:

An IBM utility might be executing against the object; if so, let the utility complete or cancel it with the -TERM command.

If the *state* is UTUT, but no utility is running against the object, you can issue a START command with ACCESS(FORCE) and then retry the utility.

PTGL024**VSAM "GET"/"PUT" ROUTINE FAILED - RTN => returncode RCODE => reasoncode****Reason:**

An error has occurred trying to read or write to a VSAM page. If the error occurred during a "put", an additional line gives the ddname of the file for which the write error occurred.

Action:

The VSAM *Return and Reason Codes* are provided to help you resolve the problem. The *Return and Reason Codes* are documented in *VSAM Macro Return and Reason Codes* section of the *DFSMS/MVS Macro Instructions for Data Sets* manual, or the *Macro Instruction Return Codes and Reason Codes* section of the *MVS/DFP Macro Instructions for VSAM Data Sets* manual.

Locate the accompanying IEC070 or IEC161 messages. These messages, with their return codes, and their explanation from the *IBM DB2 Messages and Codes* manual will help you resolve the problem.

PTGL025**INDEXSPACE DATASET FAILED ALLOCATION****Reason:**

Due to environmental conditions, the indexspace data set allocation has failed.

Action:

Contact your MVS systems programmer.

PTGL026**INDEXSPACE DATASET FAILED OPEN****Reason:**

Due to environmental conditions, the indexspace data set open has failed.

Action:

Contact your MVS systems programmer.

PTGL030

UNABLE TO LOAD EXIT

Reason:

The utility is unable to load one of the user exit routines specified in the control cards.

PTGL030

USER EXIT NOT FOUND

Reason:

The specified user exit was not found.

Action:

Check to make sure that you have specified the correct exit name and that the exit resides in a library allocated to STEPLIB.

PTGL060

DATASET ALTER (ADD) - INCOMPLETE.

Indicates that SMS, or another system storage manager overrode your volume specification.

PTGL061

DATASET LISTCAT FAILED - datasetname or DATASET DEFINE FAILED - datasetname

Reason:

The LISTCAT or DEFINE has failed for the specified data set.

Action:

Check to be sure you have spelled the data set name correctly.

Check for system messages in the job output. If no messages, attempt to perform a LISTCAT ENT ('data set name') ALL command using the same ID that executed the job. This may show a message indicating the reason the LISTCAT command failed.

PTGL062**DATASET ALTER (REMOVE) INCOMPLETE****Reason:**

Indicates that SMS, or another system storage manager overrode your volume specification.

PTGL063**ALLOCATION COMPLETE FOR => name****Reason:**

Indicates that the space redefinition you requested has been successfully completed.

PTGL070**FAILURE OCCURRED DURING DATASET STATUS SETTING****Reason:**

An internal routine that resets the check, copy, and recover pending flags encountered an error, and the status of the tablespace is in doubt.

Action:

Restart the tablespace with -START ACCESS(FORCE).

If the tablespace has any referential relations, run the DB2 CHECK utility. Take an image copy to be sure the tablespace is recoverable.

PTGL071**IMAGECOPY REQUIRED FOR TABLESPACE****Reason:**

A CA DB2 utility was executed against a tablespace without an image copy being taken during the execution.

Action:

Take an image copy of the tablespace.

PTGL072

flagtype PENDING FLAG(S) COULD NOT BE status BECAUSE reason

Reason:

This informational message further explains the condition that message PTGL070 reports. The message variables are as follows:

- flagtype-ALLP (all pending), CHKP (check pending), COPY (copy pending), RECP (recover pending), or UTUT (utility utility)
- status-DISABLED (set Status flag off) or ENABLED (set Status flag on)
- reason-OBJECT IN RW STATUS or VALIDATION FAILED

PTGL073

TABLESPACE CHECKSUM PROCESSING FINISHED [successfully|unsuccessfully]

Reason:

This message tells you the whether tablespace checksum processing finished successfully or unsuccessfully.

Action:

If the checksum processing was unsuccessful, you should check the other messages to determine the status of your tablespace.

PTGL080

UPDATING CATALOG QUANTITIES FAILED - NO RESTART FOR FUNCTION

Reason:

The Utility failed to update the Catalog columns for PQTY and SQTY for the tablespace and / or indexspaces. This portion of the job cannot be restarted. The Catalog quantities (PQTY and SQTY) must be updated manually using the DB2 ALTER command.

PTGL081

UPDATING CATALOG STATISTICS FAILED - NO RESTART FOR FUNCTION

Reason:

The Utility failed to update the Catalog statistics. This portion of the job cannot be restarted.

Action:

If you want the Catalog statistics updated, run RUNSTATS or PDA.

PTGL082**UPDATING SYSCOPY FAILED - NO RESTART FOR FUNCTION****Reason:**

The Utility failed to update SYSIBM.SYSCOPY with image copy information. This portion of the job cannot be restarted.

Action:

Take an image copy to be sure that the tablespace is recoverable.

PTGL083**QUICKCOPY FUNCTION FAILED - UTILITY CAN BE RESTARTED****Reason:**

The Utility failed to complete making an image copy.

Action:

Use RESTART or RESTART(PHASE) to restart the utility. The image copy will be completed.

PTGL084**CHECK PENDING FLAGS NOT SET - NO RESTART FOR FUNCTION****Reason:**

The utility failed to set the check pending flags. This portion of the job cannot be restarted.

Action:

Run the CHECK Utility to be sure that referential relations have not be violated.

PTGL085

DISCARD PROCESSING DID NOT COMPLETE - NO RESTART FOR FUNCTION

Reason:

The load failed to process all the discard records. This portion of the job cannot be restarted.

Action:

If you want to see the discarded records, run the batch discard program.

If you have accidentally deleted the SYSERR data set, you can rerun the job with OUTPUT-CONTROL ALL and UNLOAD PAUSE. This will rebuild the SYSERR data set without actually reloading the records.

PTGL086

DATASETS HAVE BEEN LOADED SUCCESSFULLY

Reason:

Informs you that the tablespace and/or indexspace that the utility has been working with have been loaded successfully.

Action:

You can start the spaces without any recovery procedures. Look at the other messages to see if any portion of the job failed. For example, statistics may not have been updated.

PTGL087

NO RESTART FROM THIS POINT

Reason:

None of the functions performed after this message is issued can be restarted. If a function fails, you must perform that function manually.

Action:

See the messages that follow this message for indications on whether functions have failed.

PTGL088**QUICKCOPY FUNCTION FAILED - INLINE COPIES CANNOT BE RESTARTED****Reason:**

The image copy portion of the job failed. It cannot be restarted because the image copy is written concurrently with other utility operations. The tablespace will be placed in copy pending status.

Action:

Take an image copy to be sure that the tablespace is recoverable.

PTGL089**ALL DATASETS DID NOT LOAD SUCCESSFULLY - UTILITY CAN BE RESTARTED****Reason:**

See the previous error messages for this job to determine the problem the utility encountered. After you correct the problems, the job can be restarted using RESTART or RESTART(PHASE).

PTGL090**PDA AND STATISTICS UPDATE -BYPASSED-DUE TO RESTART****Reason:**

PDA statistics processing was bypassed because of a restart.

PTGL090

UNLOAD PROCESS UNLOADED ALL ROWS BUT AN UNKNOWN PAGE TYPE WAS FOUND. SEE MESSAGE PTRR040 ABOVE FOR PAGES FOUND FLAGGED AS UNKNOWN. SEE UTILITIES ERROR MANUAL FOR COMPLETE DESCRIPTION OF ERROR. JOB MAY HAVE TO BE RESTARTED TO COMPLETE RELOAD PHASE.

Reason:

Indicates that the utility encountered at least one page of unknown page type.

The PTRR040 error message description in this manual provides a complete description of steps to take to restart the job.

PTGL091

INDEX => creator indexname <= FAILED CHECKSUM PROCESSING

Reason:

The specified index has failed the checksum processing. Depending on the state of the index and the job, you might be able to restart the job.

PTGL091

SWITCHING TO STANDARD VERSION - SYSTEM IS NOT ESA

Reason:

Although the job specified to use an Extended Reorg, the system on which the job is running does not meet all the requirements. You must have ESA to perform an Extended Reorg.

PTGL092

CATALOG SCAN ERROR - OPEN FAILED

Reason:

An open failure occurred on the DB2 Catalog data sets.

Action:

See associated JES messages.

PTGL092

HIPERSPACE NOT SUPPORTED - SETTING TO DATASPACE ONLY

Reason:

Extended Reorg processing will use dataspace but not hiperspace because your system does not support hiperspace, or enough extended storage was not available.

PTGL092

HIPERSPACE NOT SUPPORTED - SETTING TO DATASPACE ONLY

Reason:

Your CPU does not support hiperspaces. Dataspaces will be used.

PTGL092**HIPERSPACE NOT SUPPORTED - SETTING TO DATASPACE ONLY****Reason:**

Your CPU does not support hiperspaces. Dataspaces will be used.

PTGL093**HIPERSPACE - "MOVEPAGE" NOT SUPPORTED****Reason:**

Indicates that the hiperspace move page option is not supported.

PTGL093**CATALOG SCAN ERROR - GET FAILED****Reason:**

A get failure occurred on the DB2 Catalog data sets.

Action:

See associated JES messages.

PTGL094**CATALOG SCAN ERROR - GETMAIN FAILED****Reason:**

Not enough region is specified or available to complete the DB2 Catalog scan.

PTGL095**TABLESPACE PLACED IN CHECK PENDING dbname tsname part****Reason:**

The tablespace named in this message has been placed into check pending status in DB2. A DB2 Check Data Utility must be executed against the tablespace before it can be used.

PTGL096

START FAILED FOR CHK PENDING PROCESS:

Reason:

The utility stopped the tablespace to set the check pending flag. It could not start it.

PTGL097

SYSTABLES UPDATED FOR: creator table

Action:

The DB2 SYSIBM.SYSTABLES statistical columns have been updated for the table named in the message.

PTGL098

THE TOTAL OF ALL CLUSTERED INDEX ROWS DOESN'T MATCH TABLESPACE COUNTS

Reason:

Not all rows are indexed correctly or there are too many index entries.

Action:

You must recreate or recover the index.

PTGL099

INDEX CHECKSUM PROCESSING FINISHED [successfully | unsuccessfully]

Reason:

This message tells you the whether index checksum processing finished successfully or unsuccessfully.

Action:

If the checksum processing was unsuccessful, you should check the other messages to determine the status of your index.

PTGL100

parmlibfield parmlibvalue [*]

Reason:

This informational message appears in the PTIIMSG file once for each two parmlib options, showing the current parmlib values in two-column format. An asterisk (*) is shown next to each parmlib option that might have been overridden in your utility job.

Action:

Check your job input to determine the values actually used in the job.

PTGL101

SYNTAX ERROR ON OR NEAR LOCATION location

Reason:

A syntax error was found on or near the location specified.

PTGL102

DUPLICATE KEYWORD ON OR NEAR LOCATION location

Reason:

A duplicate keyword was found on or near the location specified.

Action:

Remove the duplicate.

PTGL102

INVALID KEYWORD ON OR NEAR LOCATION location

Reason:

A syntax keyword error was found on or near the location specified.

PTGL103

DUPLICATE KEYWORD ON OR NEAR LOCATION location

Reason:

A duplicate keyword was found on or near the location specified.

Action:

Remove the duplicate.

PTGL104

DATABASE / TABLESPACE NAME FORMAT ERROR

Reason:

An error was encountered in the database or tablespace name format.

Action:

Correct the name and resubmit.

PTGL105

INDEXNAME FORMAT ERROR

Reason:

An error was encountered in the database or index name format.

Action:

Correct the name and resubmit.

PTGL106

PARTITION FORMAT ERROR

Reason:

An error was encountered in the index partition name format.

Action:

Correct the name and resubmit.

PTGL106**DATA FIELD MUST BE NUMERIC****Reason:**

The specified data field is non-numeric and must be numeric.

PTGL107**OBID FORMAT ERROR****Reason:**

The OBID was specified incorrectly in the INTO TABLE clause.

Action:

Recheck the Utility syntax and resubmit the job.

PTGL107**PARTITION MUST BE (ALL) OR NUMERIC****Reason:**

The partition name must be ALL or a number that indicates the specific partition number.

PTGL108**TABLE NAME FORMAT ERROR****Reason:**

An error was encountered in the table name format.

Action:

Correct the name and resubmit.

PTGL109**"CALC" NOT VALID FOR TABLESPACE-INDEX OR TABLE-INDEX REQUESTS****Reason:**

The CALC parameter is not valid for TABLESPACE-INDEX or TABLE-INDEX reorganizations.

Action:

Remove the CALC keyword.

PTGL110

INDIVIDUAL PARTITIONS NOT VALID FOR TABLESPACE-INDEX OR TABLE-INDEX

Reason:

You have specified individual partitions while using the TABLESPACE-INDEX or TABLE-INDEX keywords.

Action:

If you want to reorganize individual indexspace partitions, you must use the INDEX keyword.

PTGL111

STORAGE ACQUISITION FAILED [- module]

Reason:

Not enough storage is available.

Action:

Try increasing your region size.

If present, *module* indicates where the error occurred.

PTGL112

DB2 CATALOG TABLES MAY NOT BE PROCESSED

Reason:

The DB2 system (catalog) objects cannot be processed by the product.

Action:

Do not select DB2 system objects.

PTGL113

PASSWORD AUTHORIZATION FAILED, CONTACT CA

Reason:

Your site may not have a current password.

PTGL113**ONLINE REORG AUTHORIZATION FAILED, CONTACT CA****Reason:**

Your site may not have a current license for the utility.

PTGL114**QUICK COPY AUTHORIZATION FAILED, CONTACT CA****Reason:**

Your site may not have a current CA Quick Copy license.

PTGL115**PARSING FUNCTION COMPLETED SUCCESSFULLY****Reason:**

The command syntax has been parsed. Any errors have been pointed out with messages.

If you specified the CHECK restart option, processing stops. Otherwise, processing continues.

PTGL116**UTILITY KEYWORD MISSING****Reason:**

A required utility keyword is missing.

PTGL117**MAXTASKS NOT NUMERIC OR > 9999****Reason:**

You have specified an invalid value for MAXTASKS. A numeric value less than 9999 must be specified.

PTGL118

QUICK COPY OPTIONS IGNORED FOR INDEX REORGs OR FASTSCAN FUNCTIONS

Reason:

You have specified QUICK COPY for an index reorganization or a FastScan. The option is ignored.

PTGL119

DATA FIELD MUST BE NUMERIC OR IN CALCULATION FORMAT

Reason:

The specified data field must be a numeric value or a space calculation.

PTGL120

CALCULATION FORMULA IS INVALID

Reason:

The specified space calculation is invalid.

PTGL121

PDA AUTHORIZATION FAILED, CONTACT CA

Reason:

An internal error has occurred.

Action:

For assistance, contact CA Support at <http://ca.com/support>.

PTGL122

WARNING - KEYWORD NOT SUPPORTED

Reason:

Indicates that one of the non-supported keywords (such as STARTUP-ACCESS, QUIESCE, or PAGE-SIZE for example) was included in the job control card. Processing will continue with the next control card.

PTGL123**"INTO TABLE" KEYWORD REQUIRED FOR FASTLOAD UTILITY.****Reason:**

You must include the INTO TABLE clause of the syntax. This clause specifies the table to be loaded.

PTGL124**FASTLOAD AUTHORIZATION FAILED - Contact Customer Support for assistance****Reason:**

Your site may not have a current license.

Action:

For assistance, contact CA Support at <http://ca.com/support>.

PTGL125**MAXTASKS CANNOT BE GREATER THAN 99.****Reason:**

You have specified a value greater than 99 for Max Tasks. 99 is the maximum value accepted.

PTGL125**PARSING FUNCTION FAILED****Reason:**

The utility was not able to parse the control cards successfully.

Action:

Check the job output for error messages that describe syntax errors.

PTGL126**SORTFLAG SPECIFIED IS NOT SUPPORTED IN THIS RELEASE - SEE MANUAL****Reason:**

The SORTFLAG you have specified is not valid in the current release of the CA DB2 utilities. (It may be from an earlier release.)

PTGL127

IGNORE-ERROR FORMAT ERROR

Reason:

The IGNORE-ERROR parameter was specified in an invalid format.

Action:

Use the following format: IGNORE-ERROR 1,2,16.

PTGL130

"UNLOAD PAUSE" VALID ONLY FOR "ALL" TYPE LOADS

Reason:

You have specified UNLOAD PAUSE on a BUILD type load, but UNLOAD PAUSE is valid only when the load type is ALL.

PTGL131

RECOVERY IN-PROGRESS

Reason:

Indicates that the CA DB2 utility has begun the Restart Recovery phase of the job.

PTGL131

INDEX REBUILD UNSUCCESSFUL - INDEX(ES) MUST BE RECOVERED

Reason:

Indicates that due to a reorg failure during the reload phase, some non-clustering indexes must be recovered.

Action:

See message(s) PTRR044 to identify the indexes needed recovery. Job processing has terminated.

PTGL132

RECOVERY COMPLETE

Reason:

Indicates that the CA DB2 utility has completed the Restart Recovery phase of the job.

PTGL134

SPECIFIED DDNAME MUST BE SIX CHARACTERS OR LESS or "INDDN" DDNAME MUST BE SIX CHARACTERS OR LESS

Reason:

The ddname specified for the INDDN, WORKDDN, or UNLDDN keyword must be six or fewer characters, because the seventh and eighth characters are used for increment numbers.

PTGL141

ONLY 'NO' IS SUPPORTED FOR LOG

Reason:

LOG YES is not supported but will apply LOG NO.

Action:

If you must use LOG YES with your load or reorg, use the IBM LOAD or REORG utility.

PTGL142

ONLY 'NO' IS SUPPORTED FOR ENFORCE

Reason:

ENFORCE CONSTRAINTS is not supported.

Action:

If you must use ENFORCE CONSTRAINTS with your load, use the IBM LOAD utility. The utility does not support the ENFORCE parameter but will allow ENFORCE NO.

PTGL144

FIELD SPECIFICATIONS ARE ONLY VALID ON FIRST INTO CLAUSE

Reason:

Any column definitions must be defined in the first INTO TABLE clause. You can only have *one* column definition set, and it will apply to **all** INTO TABLE tablename PART sequences. Any subsequent field specifications (column definitions) are ignored.

PTGL145

UNLOAD-ACCESS OPTION INVALID - MUST BE "RO" OR "STOP"

Reason:

You have specified an invalid option for the UNLOAD-ACCESS keyword in your job. The option must be RO (read-only) or STOP, to specify whether the object will be available in READ-ONLY status during the unload phase.

PTGL146

sort-program DETECTED AS THE SORT PROGRAM

Reason:

This informational message identifies the sort program that the CA DB2 utility has detected. The possible *sort-program* values are CA-SORT, DFSORT, and SYNC SORT.

PTGL147

\$ORTPARM: VSCORE = nnnK, VSCORET = mmmK

Reason:

This informational message for SYNC SORT users lists the sort parameter values used with dynamic allocation of the \$ORTPARM DD data set. The VSCORE value is taken from the parmlib parameter SORT-APPLSIZE value. For the VSCORET parameter, the SORTSIZE value from the job (or the value of the parmlib parameter SORT-SORTSIZE) is used.

PTGL170

DATASET DID NOT LOAD SUCCESSFULLY. RESTART IS REQUIRED.

Reason:

An error occurred while loading your data sets.

Action:

Check for other error or sort messages.

PTGL200**INVALID WHERE CLAUSE CONSTRUCTED****Reason:**

You have specified an invalid WHERE clause for your SELECT or DELETE statement.

Action:

Check the SQL syntax.

PTGL201**CONSTANT VALUE IS INVALID****Reason:**

The constant you have specified for your SELECT or DELETE statement is invalid.

Action:

Check the SQL syntax.

PTGL202**COMPARISON OPERATOR IS UNKNOWN****Reason:**

The comparison operator you have specified for your SELECT or DELETE statement is invalid.

Action:

Check the SQL syntax.

PTGL203**CURRENT DATE SYNTAX IS INCORRECT****Reason:**

The CURRENT DATE syntax in the control cards is invalid.

PTGL204

TABLE NAME FOR ROW-SELECTION NOT FOUND IN THIS TABLESPACE

Reason:

The specified table was not found in the specified tablespace.

Action:

Check the table name. (If the creator is not specified, it defaults to the job submitter.)

If it is correct, try quiescing the tablespace and resubmitting the job.

PTGL204

TABLE NAME FOR ROW-SELECTION NOT FOUND IN THIS TABLESPACE

Reason:

You have specified a table that is not in the tablespace being reorganized. The table name is specified in the row selection portion of the job.

Action:

Correct the JCL and resubmit the job.

PTGL205

COLUMN - column name WAS NOT FOUND IN TABLE SELECTED

Reason:

The specified column was not found in the selected table. Check the SELECT or DELETE statement to make sure you have specified the correct information.

Action:

Check the table and column names. (If the table creator is not specified, it defaults to the job submitter.)

PTGL206

COLUMN - column NUMERIC FIELD GREATER THAN 15 BYTES

Reason:

You have specified a numeric constant for the specified column that is greater than the limit, 15 bytes.

Action:

Check the value to make sure the correct number is entered.

PTGL207**COLUMN - column IS COMPARING AGAINST A NON-NUMERIC FIELD****Reason:**

You have specified a non-numeric constant for the specified column, which is a numeric field.

Action:

Check the column's definition and respecify the constant.

PTGL208**COLUMN - column HAS AN UNSUPPORTED DATA TYPE****Reason:**

You have specified a column in a SELECT or DELETE clause that contains an unsupported data type. FLOAT, GRAPHIC, and LONGVAR columns are not supported for row selection/deletion. This message is also issued if you attempt to specify INITIAL for an invalid column type.

PTGL209**COLUMN colnam STARTING / ENDING POSITION INVALID****Reason:**

The starting or ending position for the column specified in the error message is invalid or inconsistent with the column definition.

PTGL210**POSITIONAL VALUE MUST COMPARE AGAINST CHARACTER DATA OR HEX DATA****Reason:**

The field specification for a positionally-defined column is invalid.

PTGL211**COLUMN colnam IS NOT NULL DEFINED COLUMN****Reason:**

The column named in the message is defined as NOT NULL, but you have tried to set it to NULL. (Using NULLIF, for example.)

PTGL212

COLUMN: colname CONTAINS INVALID HEX DATA

Reason:

The specified column contains invalid hexadecimal data. A valid hexadecimal number consists of an *even* number of digits, 0-9 or A-F.

PTGL216

NUMERIC LITERAL NOT VALID

Reason:

Embedded Structured Query Language (ESQL) does not support numeric literals. Only character strings, hex strings, and graphic strings are supported.

Action:

Specify the value as a hex string and resubmit the job.

PTGL217

FAILURE BUILDING UTILITY ID

Reason:

CA Fast Unload attempted to build a utility ID but failed. CA Fast Unload builds a default utility ID from the user ID and job name if the user does not provide an override utility ID.

Either or both of the possible utility ID generation processes have failed.

Action:

Correct the override utility ID or determine what is causing the failure in the generation of the default utility ID, and resubmit the job.

PTGL300

RESTART LOG SQL ERROR => SQLCODE-311

Reason:

The specified SQL error occurred on the Restart table.

Action:

Specify that the Restart table is to use 32K pages instead of 4K and restart the job.

PTGL300**SUBSYSTEM NOT FOUND IN JES TABLE****Reason:**

The DB2 subsystem ID requested is not found in the JES tables that contain available DB2 subsystem IDs.

PTGL301**INTERNAL DB2 BLOCKS DO NOT MATCH****Reason:**

The DB2 subsystem ID requested is not found in the JES tables that contain available DB2 subsystem IDs or an internal error was found in the JES tables.

PTGL301**UNABLE TO RETRY SELECT****Reason:**

An attempted RETRY SELECT statement failed. The SELECT is attempted ten times.

PTGL302**APPLICATION LACKS MVS APF AUTHORIZATION****Reason:**

Certain CA DB2 utility applications must be installed in MVS authorized libraries.

PTGL302**DB2 CATALOG TABLE "SYSCOPY" UPDATED WITH REORG LOG(NO)****Reason:**

You specified the Update SYSCOPY option. The ICTYPE column of SYSIBM.SYSCOPY has been updated with "W" to record that a reorganization with LOG(NO) was performed.

PTGL303**DB2 CATALOG TABLE "SYSCOPY" UPDATED WITH IMAGE COPY****Reason:**

You specified the "Y" to register the image copy. The ICTYPE column of SYSIBM.SYSCOPY has been updated with "F" to record that a full image copy was performed.

PTGL304

APPLICATION LACKS MVS AUTHORIZATION FOR SYSCOPY UPDATE

Reason:

The program is not being executed from an APF authorized library, therefore it does not have the necessary authorities for execution.

PTGL305

DB2 CATALOG TABLE SYSTABLEPART UPDATED WITH NEW QUANTITIES

Reason:

The catalog statistics have been updated in the SYSIBM.SYSTABLEPART table.

PTGL305

ANOTHER Computer Associates DB2 utility IS CURRENTLY EXECUTING/ACTIVE ON THIS TABLESPACE

Reason:

Another CA DB2 utility is currently executing against the specified tablespace. The current utility request cannot be processed until the other utility has completed executing.

PTGL306

DB2 CATALOG TABLE "SYSCOPY" UPDATED WITH LOAD REPLACE LOG(NO)

Reason:

The DB2 catalog table SYSIBM.SYSCOPY will be updated with the value "S" to indicate that a LOAD Utility with the REPLACE LOG(NO) option was executed against the specified object.

PTGL306

SYSTABLEPART UPDATE FAILED => SQLCODE: code

Reason:

The CA DB2 utility was not able to update the catalog statistics in SYSIBM.SYSTABLEPART.

Action:

Check the SQL return code to determine the reason for the update failure.

PTGL307**DB2 CATALOG TABLE "SYSCOPY" UPDATED WITH LOAD LOG(NO)****Reason:**

The DB2 catalog table SYSIBM.SYSCOPY will be updated with the value "Y" to indicate that a LOAD Utility with the LOG(NO) option was executed against the specified object.

PTGL308**ERROR OCCURRED DURING SYSLGRNG SCAN. RERUN WITH ABEND-TASK****Reason:**

An error occurred when the CA DB2 utility was scanning SYSLGRNG.

Action:

Rerun the job with ABEND-TASK.

PTGL311**ANOTHER Computer Associates DB2 utility IS CURRENTLY ACTIVE ON THIS OBJECT****Reason:**

Indicates that the object or partition on which you want to run a utility is in use by another CA DB2 utility.

Action:

Wait until the other utility job has finished.

PTGL320**INITIALIZATION OF DB2 ENVIRONMENT FAILED****Reason:**

An attempt to set up the utility environment has failed.

PTGL321**INITIALIZATION OF LOGRBA FAILED****Reason:**

An attempt to set up the utility environment has failed.

PTGL330

PARMLIB ENTRY - COPY-BUFFERS IS INVALID

Reason:

The value for the COPY_BUFFERS parameter in the UTIL member of *high-level.CDBAPARM* must be an integer between 0 and 999.

PTGL331

PARMLIB ENTRY - SORT-APPLSIZE IS INVALID

Reason:

The value for the SORT-APPLSIZE parameter in the UTIL member of *high-level.CDBAPARM* must be of the form *nnnnK*.

PTGL332

PARMLIB ENTRY - NONLEAF-PCTFREE IS INVALID

Reason:

The value for the NONLEAF-PCTFREE parameter in the UTIL member of *high-level.CDBAPARM* must be LEAF or an integer between 0 and 99.

PTGL333

PARMLIB ENTRY - VSAM-BUFFERS IS INVALID

Reason:

The value for the VSAM-BUFFERS parameter in the UTIL member of *high-level.CDBAPARM* must be an integer between 0 and 999.

PTGL334

PARMLIB ENTRY - IO-BUFFERS IS INVALID

Reason:

The value for the IO-BUFFERS parameter in the UTIL member of *high-level.CDBAPARM* must be an integer between 0 and 999.

PTGL335**PARMLIB ENTRY - MAXTASKS IS INVALID****Reason:**

The value for the MAXTASKS parameter in the UTIL member of *high-level.CDBAPARM* must be an integer between 1 and 9.

PTGL336**PARMLIB ENTRY - SORTFLAG IS INVALID****Reason:**

The value for the SORTFLAG parameter in the UTIL member of *high-level.CDBAPARM* must be ALL, NONE, or CRITICAL.

PTGL337**PARMLIB ENTRY - SORT-SORTNUM IS INVALID****Reason:**

The value for the SORT-SORTNUM parameter in the UTIL member of *high-level.CDBAPARM* must be an integer between 0 and 999.

PTGL338**PARMLIB ENTRY - COPY-TASKS IS INVALID****Reason:**

The value for the COPY-TASKS parameter in the UTIL member of *high-level.CDBAPARM* must be an integer between 0 and 999.

PTGL339**PARMLIB ENTRY - SMS-VOLUMES IS INVALID****Reason:**

The value for the SMS-VOLUMES parameter in the UTIL member of *high-level.CDBAPARM* must be an integer between 0 and 99.

PTGL340

PARMLIB - COLCARD INVALID

Reason:

The value you specified for the COLCARD parameter in the UTIL member of *high-level.CDBAPARM* is not valid.

Action:

You must specify INDEXED or ALL.

PTGL343

PARMLIB ENTRY - DISCARD-ERROR IS INVALID

Reason:

The value for the DISCARD-ERROR parameter in the UTIL member of *high-level.CDBAPARM* must be NONE, ABEND, or RCxx (where xx is a number from 5 to 50).

PTGL347

PARMLIB ENTRY - INPUT-BUFFERS IS INVALID

Reason:

The value you specified for input buffers is incorrect.

Action:

Specify an integer that indicates the number of buffers to be used when reading data from SYSREC and SYSUT1.

PTGL350

STATS-OPTIONS: INVALID OPTION

Reason:

The option you specified in the STATS-OPTIONS keyword is not valid.

Action:

You must specify COLCARD-INDEXED or COLCARD-ALL.

PTGL351**PARMLIB ENTRY - PAGE-FRAMES xxxx****Reason:**

You have exceeded the maximum value permitted for the PAGE-FRAMES parmlib entry, which is 70. The variables in the message (denoted by xxxx) indicate one of the following:

- IS INVALID-The PAGE-FRAMES value you specified is too large.
- SET TO 70-The utility has set the PAGE-FRAMES value to 70 so that processing can proceed.

PTGL353**PARMLIB ENTRY - STOP-LIMIT IS INVALID****Reason:**

The value for the STOP-LIMIT parameter in the UTIL member of *high-level.CDBAPARM* must be a five-digit integer (maximum value 99999). The default value is 1.

PTGL354**PARMLIB ENTRY - UPDATE-CATSTATS IS INVALID****Reason:**

The value for the UPDATE-CATSTATS parameter in the UTIL member of *high-level.CDBAPARM* must be YES or NO.

PTGL400**RESTART LOG SQL ERROR = > SQLCODE: sql_code****Reason:**

The utility encountered a problem when it attempted to restart the job.

Action:

Ensure the restart table has not been tampered with.

PTGL400

RESTART LOG SQL ERROR = > SQLCODE: - sqlcode

Reason:

An SQL error was encountered querying the record log. The SQL error code has been provided to help you solve the problem.

Action:

See the IBM *DB2 Messages and Codes* manual for detailed SQL error code information.

PTGL401

RESTART LOG RECORD CREATED - UTILITY ID => util_id

Reason:

This informational message is issued at the beginning of a non-restart utility job. It gives you the Utility ID of the job (the submitter's user ID if not explicitly stated on the EXEC card) and informs you that a row has been entered in the CA RESTART table for the job. This makes the reorganization job restartable.

PTGL402

RESTART LOG DELETED

Reason:

Indicates that the restart row in the CA RESTART table for the job has been deleted. The job is no longer restartable. The restart log is deleted at the end of a successful job execution.

PTGL403

RESTART ROW NOT FOUND - TASK IS NOT RESTARTABLE

Reason:

This informational message tells you that no row has been found in the CA RESTART table for the task, and so it is not restartable.

Action:

You must restart the job from the beginning.

PTGL404**INVALID RESTART PARAMETER****Reason:**

You have specified an invalid restart parameter. Valid parameters are as follows:

- RESTART
- RESTART(PHASE)
- RESTART(BYPASS)
- CHECK

PTGL405**RESTART PROCESSING ACTIVE - DATA OBJECT RESTARTING WITH LAST PHASE****Action:**

Restart processing has begun. The data object is being processed in the last phase.

PTGL406**DATA OBJECT IN RESTART MODE - USER BYPASSED RESTART STARTING UNLOAD****Action:**

Restart processing has begun. The data object is being processed in the last phase.

PTGL406**RESTART TABLE ERROR - GLRS_DATA TOO SMALL****Reason:**

The RESTART Table column GLRS_DATA is too small.

Action:

You must resize the GLRS_DATA column in the Utilities RESTART table. Edit the PUTDDL member in *high-level.CDBASRC* using SDM (Software Delivery Manager). Change the length of the GLRS_DATA column.

PTGL407

DATA OBJECT IN RESTART MODE - RESTART PARAMETER REQUIRED

Reason:

This message tells you that a row has been found in the RESTART table for the task, and so you must include a restart parameter on the EXEC card of your utility job to restart it.

PTGL408

RESTART(TERM) NOT VALID FOR THIS UTILITY

Reason:

The RESTART(TERM) parameter cannot be specified for the utility being executed. Possible restart values are RESTART, RESTART(PHASE), or RESTART(BYPASS).

PTGL408

DATA OBJECT IN RESTART MODE - ACTION PARAMETER MISMATCH

Reason:

You tried to reorganize an index whose tablespace is in restart mode or tried to perform a FastScan on a tablespace in restart mode.

Action:

You must complete the reorganization before any other Reorg utilities can be executed against the objects.

PTGL409

DATA OBJECT IN RESTART MODE - UTILITY MISMATCH

Reason:

The object being processed has been logged as having a utility job already started on it. The previous utility job is not the same as the currently requested utility job.

PTGL410

RESTART PROCESSING ACTIVE - OBJECT RESTARTING WITH LAST CHECK POINT

Reason:

The request to restart the utility has been processed and the utility is being restarted at the last checkpoint.

PTGL411**OBJECT RESTARTING WITH FIRST PHASE****Reason:**

The restarted utility job is restarting with the first processing phase.

PTGL411**DATA OBJECT IN RESTART MODE - USER BYPASSED RESTART. STARTING COPY****Reason:**

The specified object was in restart mode, but a restart was not requested by the user. An image copy is being performed on the object.

PTGL411**OBJECT RESTARTING WITH FIRST PHASE****Action:**

Restart processing has begun. The data object is being processed in the first phase.

PTGL411**OBJECT RESTARTING WITH FIRST PHASE****Reason:**

The restarted utility job is restarting with the first processing phase.

PTGL412**RESTART TABLE DOESN'T MATCH INPUT****Reason:**

The row for the utility job in the RESTART Table does not match the information for the current job. Another utility job is running against the same objects, or the objects specified do not match the previous execution of the utility.

PTGL412

RESTART TABLE DOESN'T MATCH INPUT

Reason:

The row for the utility job in the RESTART Table does not match the information for the current job. Another utility job is running against the same objects, or the objects specified do not match the previous execution of the Utility.

PTGL412

RESTART TABLE DOESN'T MATCH INPUT

Reason:

Indicates that an internal error with the RESTART table has been detected.

PTGL415

DATA OBJECT IN RESTART MODE - UTILITY MISMATCH

Reason:

The object is in Restart mode for another CA DB2 utility.

When the other utility has released the object, you can run your job.

PTGL415

OBJECT IN USE BY ANOTHER Computer Associates DB2 utility

Reason:

The object cannot be accessed because it is in use by another CA DB2 utility. As a result, more than one Utility is attempting to access the same RESTART table row.

Action:

Check for a stopped utility in the RESTART table.

PTGL417**UNABLE TO RUN UPDATE UTILITIES CONCURRENTLY-SEE MESSAGE PTGL430****Reason:**

Two update-mode utilities are attempting to run against the same DB2 tablespace, but this is not allowed.

Action:

See message PTGL430 for information about which utility has a lock on the tablespace.

PTGL418**UNKNOWN UTILITY TYPE****Reason:**

An unknown utility type has been encountered. Examples of utility types include: REORG-TS, FASTLOAD, FASTBLD, COPY, UNLOAD, RECOVER.

PTGL420I**RESTART ROW FOUND FOR utility AND PARTITIONS: partitionlist****Reason:**

Indicates for which utility and for which partitions (if applicable) a RESTART row was found.

PTGL421S**utility RESTARTED WITH INVALID DSNUM PARAMETER. RESTART USING DSNUM PARAMETER WITH SAME PARTITIONS AS RESTART ROW.****Reason:**

The specified utility has been restarted with an invalid DSNUM parameter or an incorrect partition list.

The job must be corrected to indicate the same partitions as the restart row to successfully process the restart.

PTGL425S**RESTART ROW FOR UNKNOWN PRODUCT****Reason:**

Indicates that a RESTART row for an unknown product has been found in the RESTART table.

PTGL430

TABLESPACE PART: nnn UID: user_id utility_type LK:lock UTILITY ID: util_id

Reason:

This error message gives you the partition number (*nnn*) and the Utility ID (*util_id*) for the tablespace utility job. The *utility_type* indicates the type of utility job: REORG-TS, FASTLOAD, FASTBLD, COPY, UNLOAD, RECOVER, or OTHER. The *lock* value is EXCL (exclusive) or RO (read only). If you receive this message, it means you tried to do one of the following:

- Restart a job with a different Utility ID,
- Run a job with no restart parm when a restart row is found, or
- Run a different utility

The utility terminates with a non-zero return code, leaving the restart row intact.

Note: There are times that this message is issued as a warning message and the job finishes ok with a condition code of 0. In this case, there are multiple utilities referencing (and possibly updating) the NPIs simultaneously (as long as they are using different partitions). In this case, PTGL430 message is issued simply as a warning, and is a non-error situation.

PTGL431

IXSP: indexname PART: nnn UID: user_id utility_type LK:lock UTILITY ID: util_id

Reason:

This error message gives you the index name (*indexname*), the partition number (*nnn*), and the Utility ID (*util_id*) for the indexspace utility job. The *utility_type* indicates the type of Utility job: REORG-IX, FASTLOAD, FASTBLD, COPY, UNLOAD, RECOVER, or OTHER. The *lock* value is EXCL (exclusive) or RO (read only). If you receive this message, it means you tried to do one of the following:

- Restart a job with a different Utility ID,
- Run a job with no restart parm when a restart row is found, or
- Run a different utility

The utility terminates with a non-zero return code, leaving the restart row intact.

Note: There are times that this message is issued as a warning message and the job finishes ok with a condition code of 0. In this case, there are multiple utilities referencing (and possibly updating) the NPIs simultaneously (as long as they are using different partitions). In this case, PTGL431 message is issued simply as a warning, and is a non-error situation.

PTGL435**CATALOG ERROR DURING HEADER PAGE BUILD****Reason:**

A CA DB2 utility encountered an error in the system catalog while attempting to build a header page.

PTGL498**ENQ OF TS(IX): xxxxxxxx.xxxxxxxx ON PART: xxx FAILED****Reason:**

Indicates that another CA DB2 utility is using the tablespace or index partition specified in the message.

PTGL499**DEADLOCK ENCOUNTERED TRYING TO ACCESS RESTART TABLE. RETRYING ACCESS.****Reason:**

Indicates that the utility was not able to update the RESTART table. It will retry as many times as were specified in the RESTART-RETRY parm of the UTIL member of *high-level.CDBASRC*.

PTGL500**STOGROUP SQL ERROR = > SQLCODE: code****Reason:**

The Utility received the SQL error listed in this message when it tried to select a stogroup through DB2.

PTGL500**PDA PROCESSING COMPLETE****Reason:**

PDA statistics processing has completed.

PTGL501

STOGROUP CONTAINS NO PHYSICAL VOLUMES

Reason:

Indicates that the volumes specified in the storage group aren't found.

Action:

Correct the storage group to contain volumes that exist in your system.

PTGL501

PDA PROCESS - CATALOG SEARCH FAILED dataset_name

Reason:

The specified data set could not be found in the master catalog.

PTGL502

CATALOG UPDATE NOT PROCESSED DUE TO SINGLE PARTITION PROCESSIN.

Reason:

Catalog statistics are not calculated when only a single partition of a partitioned tablespace is loaded or reorganized.

Action:

Run PDASTATS or RUNSTATS after the partition has been processed by the utility.

PTGL503

CATALOG UPDATE NOT PROCESSED DUE TO RESUME YES PROCESSING

Reason:

Catalog statistics are not calculated when RESUME YES is specified.

Action:

Run PDASTATS or RUNSTATS after the partition has been processed by the utility.

PTGL504

DSNXKAL (CATALOG ACCESS LOCATOR) FAILURE RC=rtn REAS=rsn

Reason:

The DB2 DSNXKAL module (Catalog Access Package) returned the specified internal reason code and return code, both of which vary according to the error.

PTGL601

DICTIONARY ERROR DURING:

Reason:

The utility encountered an error while using the compression dictionary.

PTGL602

VARIOUS DICTIONARY VALIDATION ERRORS

Reason:

The utility encountered an error while validating the dictionary.

PTGL603

**for non-partitioned tablespaces: KEEPDICTIONARY SPECIFIED BUT COMPRESSION OFF
for partitioned tablespaces:
KEEPDICTIONARY SPECIFIED BUT COMPRESSION OFF, PART xxx**

Reason:

Indicates that the tablespace (and partition, if applicable) being loaded or reorganized does not have compression turned on, but the job specified KEEPDICTIONARY. The keyword will be ignored. No dictionary action will be taken.

PTGL603

DDNAME EXCEEDED 8 CHARACTERS MAX LENGTH

Reason:

Indicates the ddname identified has exceeded the maximum length of eight characters. The job terminates with a return code of 8 or greater.

Action:

Check that the ddname(s) are eight characters or less and rerun the job.

PTGL604

COMPRESSION DICTIONARY DOES NOT EXIST FOR TABLESPACE

Reason:

This warning indicates that the job specified KEEPDICTIONARY, but no compression dictionary existed for the tablespace. A dictionary will be built. The utility will compress all the records as well as the records being loaded.

PTGL605

COMPRESSION DICTIONARY DOES NOT EXIST FOR TABLESPACE PART xxx

Reason:

This warning indicates that the job specified KEEPDICTIONARY, but no compression dictionary existed for indicated partition. A dictionary will be built. The utility will compress all the records and the records being loaded.

PTGL606

PREFORMATting ERROR - message

Reason:

Indicates that the preformatting routine did not complete successfully.

Action:

Check the message and see if you can determine the problem.

PTGL607

BUILD/KEEPDICTIONARY INVALID WITH RESTART

Reason:

You have specified the OUTPUT-CONTROL BUILD and KEEPDICTIONARY keywords, which are invalid with a restart. The utility will override the KEEPDICTIONARY keyword and rebuild the dictionary.

PTGL700**PTGL700 - DBD BUILD ERROR.****Reason:**

There was an error attempting to build a copy of a DBD. An SVC dump with the title 'PTGL700 - DBD BUILD ERROR' was captured.

Action:

Supply Technical Support with the SVC dump information.

PTGL800**ddname DDNAME CANNOT BE DEFINED AS "DUMMY" or "SYSOUT"****Reason:**

The DD named in this error cannot be defined as DUMMY.

PTGL800**ddname DDNAME CANNOT BE DEFINED AS "MOD.****Reason:**

The DD named in this error cannot be defined as MOD.

Action:

Set the disposition to NEW, OLD or SHR.

PTGL800**SYSPRINT DD STATEMENT NO LONGER SUPPORTED. SYSPRINT is no longer a valid DD name.****Action:**

Use PTIMSG to specify the DD to contain the output messages instead.

PTGL801**ddname DDNAME CANNOT BE DEFINED AS "DUMMY" OR "SYSOUT"****Reason:**

The DD named in this error cannot be defined as DUMMY.

PTGL810

QUIESCE FAILED ON OPEN TO SYSIN

Reason:

The utility was not able to quiesce before beginning the actual utility work.

PTGL811

QUIESCE FAILED ON OPEN TO SYSPRINT

Reason:

The utility was not able to quiesce before beginning the actual utility work.

PTGL815

QUIESCE UPDATE FAILED. => SQLCODE: code

Reason:

An attempted quiesce failed for the reason indicated by the SQL error code displayed in this message.

PTGL820

ddname DDNAME FAILED ALLOCATION

Reason:

Indicates that the indicated ddname could not be allocated.

Action:

See any other messages produced at this time and check your JCL.

PTGL900

WARNING - MVS SAF ROUTER NOT ACTIVE

Reason:

This warning message indicates that the MVS SAF router is not active. Processing of the job continues.

PTGL913

SAF RACROUTE FAILED - SAFRC = X'aaaa', RC=X'bbbb', RS=X'cccccccc'

Reason:

Indicates that a SAF RACROUTE has failed. The values indicated are as follows: *aaaa* is the SAF return code, *bbbb* is the RACF/MVS security product return code, and *cccccccc* is the RACF/MVS security product reason code. Job processing terminates.

Action:

Contact your MVS security administrator for assistance in resolving this error.

PTGL920

WARNING - RACF/MVS SECURITY NOT ACTIVE

Reason:

This warning message indicates that MVS security is not currently active. Processing of the job continues.

PTI Messages

Messages with the PTI prefix are generated from CA Service Desk.

PTI800I

Service Desk request CR:*crnum* opened for this ABEND

Reason:

An abend occurred in a DB2 tools program called by the driver, PTLDRIVM, and SDI(YES) was specified in parmlib. CA Service Desk opened an issue for the abend, where *crnum* is the call request number of the issue.

Action:

None.

Module: PTARECOV

PTI801E

Service Desk request could not be opened

Reason:

An abend occurred in a DB2 tools program called by the driver, PTLDRIVM, and SDI(YES) was specified in parmlib. PTLDRIVM was unable to open an issue for the ABEND in CA Service Desk.

Action:

Refer to the PTI802I message.

Module: PTARECOV

PTI802I

CSDEREQ return codes: R15 = *r15*, R0 = *r0*, R1 = *r1*

Reason:

PTLDRIVM encountered an error while trying to open an issue for an abend in CA Service Desk.

r15

Indicates the value of R15 returned by the CSDEREQ macro. The *r15* value can be 4, 8, 12, 16, 20, 24, or 28.

If *r15* is 4, the *r0* value is one of the following:

1

Indicates a USD request was not opened because of MINTIME.

2

Indicates a USD request was not opened because of MAXCOUNT.

3

Indicates a USD request was not opened because the interface for this particular product is currently disabled.

If *r15* is 8, the *r0* value is one of the following:

0

Indicates the CAISDI/els interface module, CSDEOPRQ, was not found.

1

Indicates the CAISDI/els interface was found, but the interface has not been initialized. (The Event Control Structure was not found in this environment.)

2

Indicates the CAISDI/els interface module was found and the Event Control Structure was found, but this product is not defined to the interface. The CAISDI/els startup control member, ELSSTART, does not contain a DEFINE command for this product.

3

Indicates the CAISDI/els interface module was found, the Event Control Structure was found, this product is defined to the interface, but this particular event was not found. There was no event member for this product in the CAI.CDBAEVNT library for this event.

4

Indicates the CA Common Services SOAP API module, CASOPCLI, was not found.

If r15 is 12, the r0 value is one of the following:

0

Identifies the CAISDI/soap API return code.

1

Identifies the CAISDI/soap detailed return code.

If r15 is 16, the call to the CA Common Services SOAP API module (CASOPCLI) failed.

- The r0 value is the CAISDI/soap API return code.
- The r1 value is the CAISDI/soap API detailed return code.

If r15 is 20, the r0 value is one of the following:

1

Indicates the Event Parameter List is invalid: Eye catcher is missing.

2

Indicates the Event Parameter List is invalid: Length is inconsistent with the parameters.

3

Indicates the Event Parameter List is invalid: Product name or event name is missing.

4

Indicates the CA Service Desk request ticket was opened, but the request number was not found in response packet. This should not occur, but it could happen if the format of the XML reply packet was changed or if the XML packet was incorrectly altered somewhere in the network path.

5

Indicates there was an error creating summary text. *r1* is the return code from EDIT. This should not occur, but could if the Event Control Structure has been corrupted (overlaid).

6

Indicates there was an error creating description text. *r1* is the return code from EDIT. This should not occur, but could if the Event Control Structure has been corrupted (overlaid).

7

Indicates there was an error generating XML. This should not occur, but it could happen if the CSDEOPRQ module itself was partially corrupted.

If *r15* is 24, the *R0* value is one of the following:

0

Indicates the CAISDI/els interface module (CSDEOPRQ) was not found.

4

Indicates an invalid attempt to update the Event Control Structure. This should not occur, but could the Event Control Structure has been corrupted (overlaid).

5

Indicates the Product Event Table update was aborted because the table entry was below the table boundary. This should not occur, but could if the Event Control Structure has been corrupted (overlaid).

6

Indicates the Product Event Table update was aborted because the table entry was above the table boundary. This should not occur, but could if the Event Control Structure has been corrupted (overlaid).

8

Indicates the PC routine that updates the Product Event Table has been removed. This should not occur, but could if the Event Control Structure has been corrupted (overlaid).

If *r15* is 28, the CAISDI/els interface module (CSDEOPRQ) has abended. The *r1* value is the abend code given to the ESTAEX routine. This should not occur, but could if the Event Control Structure has been corrupted (overlaid), or if a calling program has passed an invalid parameter. An invalid parameter would most likely cause a SOC4 ABEND.

r0

Indicates the value of *R0* returned by the CSDEREQ macro.

r1

Indicates the value of *R1* returned by the CSDEREQ macro.

Action:

See reason description.

Module: PTARECOV

PTRR Messages

Messages with the PTRR prefix are generated from CA Rapid Reorg.

PTRR0094E

EXCP ERROR MESSAGE**Action:**

For assistance, contact CA Support at <http://ca.com/support>.

PTRR016

REORG UNLOAD PROCESSING STARTED**Reason:**

The Unload phase of processing has started.

PTRR016

REORG INDEX PROCESSING STARTED**Reason:**

Reorg Index processing has begun.

PTRR016

REORG PROCESS STARTED - STANDARD VERSION**Reason:**

The utility has started execution. The standard mode is executing.

PTRR017

REORG PROCESS STARTED - EXTENDED VERSION**Reason:**

The utility has started execution. The extended mode is executing.

PTRR017

PROCESSING CANCELED - TABLESPACE HAS NO INDEXES

Reason:

A REORG TABLESPACE-INDEX was specified and there are no indexes associated with the specified tablespace.

PTRR018

STOPPING TABLESPACE

Reason:

The tablespace is being stopped for the reorganization or load.

PTRR019

REORG PROCESSING COMPLETE

Reason:

Processing is complete.

PTRR020

STARTING TABLESPACE

Reason:

The tablespace is being started.

PTRR020

PROCESSING TABLESPACE STARTUP ACCESS MODE

Reason:

The tablespace is being restarted in the specified mode.

PTRR021

REGION SIZE BELOW =

Reason:

This informational message explains that your region size is below the region size required because of specified options.

PTRR021**WORK DATASET FAILED TO OPEN - SEE JES MESSAGES FOR EXPLANATION****Reason:**

The work data set could not be opened.

Action:

See the associated JES messages.

PTRR021**THE NUMBER OF SYSUT1(X) IS NOT SUFFICIENT FOR THE NUMBER OF SYSREC(X)****Action:**

You must define as many SYSUT1s as SYSRECs.

PTRR022**REORG PROCESSING FAILED - START TABLESPACE IGNORED****Reason:**

The utility processing has failed. The tablespace remains in STOP mode.

PTRR022**STARTUP ACCESS FOR DATASET FAILED - NO RESTART FOR THIS FUNCTION****Reason:**

The utility was unable to start the data set.

Action:

See previous messages in your job output to determine the job status.

PTRR023**REORG UNLOAD PROCESSING COMPLETE****Reason:**

Reorg unload processing has been completed.

PTRR023

REORG UNLOAD PROCESSING INCOMPLETE

Reason:

An aspect of the Reorg unload processing did not complete successfully.

Action:

See the other messages in this job for information about which tasks failed.

PTRR024

REORG PROCESSING COMPLETE

Reason:

Processing has completed.

PTRR024

STORAGE ACQUISITION FAILED FOR IO-BUFFERS - RESET BUFFERS

Action:

Increase the region size or lower the number of buffers for this job.

PTRR024

DISCARD DATASET FAILED TO OPEN - SEE JES MESSAGES FOR EXPLANATION

Reason:

The discard data set could not be opened.

Action:

See the associated JES messages.

PTRR024

REORG INDEX PROCESSING COMPLETE

Reason:

The Index phase of processing has finished.

PTRR025**UNLDDN DDNAME NOT FOUND****Reason:**

The UNLDDN specified in the parameter must be the same as the ddname in the JCL.

PTRR026**WORKDDN DDNAME NOT FOUND****Reason:**

The WORKDDN specified in the parameter must be the same as the ddname in the JCL.

PTRR027**REORG RELOAD PROCESSING STARTED****Reason:**

The utility has started reloading the tablespace data.

PTRR027**REORG RELOAD PROCESSING STARTED****Action:**

Reload processing has begun.

PTRR028**REORG RELOAD PROCESSING COMPLETE RCODE: returncode****Reason:**

Reload processing has ended. The message also lists the return code.

PTRR028**REORG RELOAD PROCESSING INCOMPLETE****Reason:**

Reload processing did not complete successfully.

Action:

See the other messages in the job output to determine which task(s) failed.

PTRR029

INDEX REBUILD TASKS SET TO : integer

Reason:

Indicates the number of rebuild tasks used in the job. If you do not specify REBUILD-INDEX, it will be set to zero.

PTRR029

MAX SORTS SET TO: num

Reason:

Based on parameters and environments, the maximum number of sorts has been set to *num*.

PTRR030

INDEX TASK PROCESSING ABENDED CONTACT Computer Associates

Action:

For assistance, contact CA Support at <http://ca.com/support>.

PTRR031

INDEX/TABLESPACE TASK PROCESSING ABENDED - CONTACT Customer Support GROUP

Action:

For assistance, contact CA Support at <http://ca.com/support>.

PTRR032

IO-BUFFERS SET TO: size

Reason:

Based on parameters and environments, the number of IO-BUFFERS has been set to *num*.

PTRR032**UNLOAD/RELOAD PROCESSING TERMINATED DUE TO REGION SIZE****Reason:**

Unload or reload processing has been terminated due to an insufficient region size.

Action:

Increase the region size and restart the job.

PTRR033**THE NUMBER OF SYSUT1(X) MUST EQUAL THE NUMBER OF INDEXES****Reason:**

Based on the parameters and environment, the number of SYSUT1 DDs must be equal to the number of indexes.

PTRR033**SYSREC DATASET DOES NOT MATCH TABLESPACE TO BE PROCESSED****Reason:**

Indicates that the work data sets do not match the tablespace being reorganized.

Action:

Check the UNLDDN to make sure the correct data sets are specified. A restart of a job could be using a UNLDDN data set from a different job.

PTRR033**RELOAD PROCESS HALTED DUE TO KEYWORD "UNLOAD PAUSE"****Reason:**

You specified the UNLOAD PAUSE keyword, which stops the reorganization after phase 1.

PTRR033**WITH MULTIPLE SYSUT1(X) MAXTASKS NEEDS TO BE SET WORKDDN COUNT****Reason:**

MAXTASKS must equal the number of SYSUT1 data sets, if you are using more than one SYSUT1.

PTRR034

IO-BUFFERS REDUCED BY HALF DUE TO REGION CONSTRAINT

Reason:

The number of I/O buffers had to be decreased by half because of the region size.

Action:

Increase the region size to avoid this problem.

PTRR034

REGION IS INSUFFICIENT FOR THE NUMBER OF IO DEVICES / SORTS

Reason:

Based on the environment, the region size must be increased and/or the number of SYSRECs, SYSUT1s, or sorts must be decreased.

PTRR035

TABLESPACE FAILED CHECKSUM PROCESSING PHASE #1 - RECOVER TABLESPACE

Reason:

The checksum test comparing unloaded and reloaded data failed.

Action:

Check to see if the correct SYSREC data sets were specified (after a restart), or if there was a hardware failure on the SYSREC device.

PTRR035

THE NUMBER OF MAXTASKS MUST EQUAL THE NUMBER OF INDEXES

Reason:

Based on the environment, the number for MAXTASKS must be equal to the number of indexes.

PTRR036

ROWS UNLOADED: num - ROWS RELOADED num

Reason:

Indicates the number of rows unloaded from and reloaded into the tablespace.

PTRR037

SPACE UNLOADED: num - SPACE RELOADED num

Reason:

Indicates the checksum results for space unloaded and reloaded.

PTRR038

MAXTASKS TOO SMALL TO HANDLE REQUEST

Reason:

The value specified for MAXTASKS is not adequate for the number of SYSUT1s specified, or the number of sorts required.

PTRR038

STARTING TABLESPACE RECHECK PROCESSING

Reason:

Recheck processing has begun.

PTRR039

TABLESPACE FAILED CHECKSUM PROCESSING PHASE #2 - RECOVERY TABLESPACE

Reason:

The checksum test failed.

Action:

Recover the tablespace.

PTRR039

ANOTHER ONLINE REORG IS CURRENTLY EXECUTING ON THIS TABLESPACE/INDEX

Reason:

Another job is currently executing on the specified tablespace or indexspace.

Action:

If desired, you can resubmit this job after the currently executing job is completed.

PTRR040

TABLESPACE RECHECK PROCESSING COMPLETED

Reason:

This message marks the end of the RECHECK processing.

PTRR040

UNKNOWN PAGE TYPE FOUND AT PAGE => pagenum

Reason:

The page type found at the page specified is of an unknown type. The page may be broken, empty, or undefined. The page number is returned by the utility as a decimal number.

Action:

If you receive a return code of 6 with this message, use one of the following methods to determine the best recovery procedure:

1. If there is an index on the tables in the tablespace, run a Select Count (*) for each table in the tablespace being reorganized. If the count is the same as the output rows, restart the job using a RESTART(PHASE).

Note: The tablespace will be stopped when the job ends. If you want to verify row counts using a Select, you must start the tablespace in at least READ ONLY mode. After you do the select, stop the tablespace again.

2. Use PDA to do a PDA Display of the page. If it is not a broken page, restart the job using a RESTART(PHASE).
3. Use DSN1PRNT to print the page. If it is an empty page, restart the job using a phased restart.

Note: DSN1PRNT requires you to specify the page number in hexadecimal format. Since the utility returns the number in decimal format, you must translate it to hex before running DSN1PRNT.

Alternately, you can run DSN1COPY with the CHECK option.

If the page is broken or the counts do not match, correct the pages in error and restart the job from the beginning with a RESTART(BYPASS).

PTRR041**EDITPROC APPLICATION FAILED****Reason:**

The edit procedure for the table has failed.

Action:

If you are reorganizing a table that uses an EDITPROC, the library containing the EDITPROC must be specified in the STEPLIB DD.

If this is not the problem, verify that the edit procedure is functioning correctly.

PTRR042**RECORD FOUND GREATER THAN 32K - PAGE: pgnum PART: partnum****Reason:**

The record found on the specified page is greater than 32K, the maximum record length. This probably indicates a bad page.

PTRR043**STATUS: YY.DDD HH:MM:SS DATAID: NNN - ROW COUNT:.....x****Reason:**

The total row count for the partition displays if you specify the DISPLAY-STATUS keyword in the JCL. The current date (julian) and time are denoted by *YY.DDD HH:MM:SS*.

PTRR043**STATUS: PARTITION: partnum ROW COUNT: num****Reason:**

The total row count for the partition displays if you specify the DISPLAY-STATUS keyword.

PTRR044**INDEX xxxxxxxx.xxxxxxxx MUST BE RECOVERED****Reason:**

Indicates that the specified non-clustering index must be recovered. Job processing has terminated.

PTRR050

KEY ENTRY NOT FOUND IN INDEX

Reason:

A value has been found in a row that has no corresponding value in the index. This probably indicates a bad index.

PTRR051

OBJECT IS NOT PARTITIONED

Reason:

You have specified a partition number for this object and the object is not partitioned.

Action:

Check the object definition and change the syntax.

PTRR052

INDEX SELECTED DOES NOT EXIST ON THIS SYSTEM

Reason:

The index selected does not exist on the specified DB2 subsystem.

PTRR053

TABLE SELECTED DOES NOT EXIST ON THIS SYSTEM

Reason:

The table selected does not exist on the specified DB2 subsystem.

PTRR057

PARTITIONED TABLESPACE CONTAINS NO PARTITIONED INDEXES - IE (EMPTY)

Reason:

A partitioned tablespace has been found with no partitioned indexes or partitioned indexes that have no data.

PTRR058**USER CANCELED PROCESS THRU EXIT****Reason:**

The reorganization job was canceled due to a user exit.

PTRR059**NUMBER OF PAGES EXCEEDS MAXIMUM ALLOWED FOR PARTITION****Reason:**

The maximum size allowed for a partition depends on the number of partitions:

- 1 -16 partitions-4 gigabytes
- 17 - 32 partitions-2 gigabytes
- 33 - 64 partitions-1 gigabyte

PTRR060**TABLE - tablename****Reason:**

Indicates the table name.

PTRR060**FASTLOAD INPUT DOES NOT MATCH PARTITION SELECTED FOR REORG****Reason:**

Indicates that you are using FASTLOAD-DDN, and the data set contains data from a partition other than the one which you are attempting to reorg. Processing has terminated.

Action:

Resubmit the job specifying the same partition from which the data originated.

PTRR060

TABLESPACE: tsname ALLOCATION FAILED

Reason:

Allocation has failed for the specified tablespace.

Action:

Check to see if the tablespace exists. Also, make sure you have the proper authorities to allocate, read from, and write to the tablespace.

PTRR061

INDEX: indexname LISTCAT FAILED

Reason:

The utility had a problem trying to do a LISTCAT on the index data set. This might be due to the data set being migrated, among other reasons.

PTRR062

VCAT DEFINED DATASET dsn MUST BE REALLOCATED PRIOR TO RESTART

Reason:

Allocation has failed for the specified VCAT-defined data set. You must perform a manual define of the object before attempting to restart. This message appears only if the object to be allocated is VCAT defined.

PTRR062

ALLOCATION FAILED FOR => dsn

Reason:

Allocation has failed for the specified data set.

Action:

Check to see if the data set exists. Also, make sure you have the proper authorities to allocate, read from, and write to the data set.

PTRR062**INDEX: indexname REDEFINITION FAILED****Reason:**

The redefinition of the index data set failed.

Action:

Check for system messages in the job output for the cause of the error. Some causes of failure are as follows: space not available, authorization lacking to delete or define the data set, or volume not mounted.

PTRR062**TABLESPACE: tsname REDEFINITION FAILED****Reason:**

The redefinition of the tablespace data set failed.

Action:

Check for system messages in the job output for the cause of the error. Some causes of failure are as follows: space not available, authorization lacking to delete or define the data set, or volume not mounted

PTRR063**INDEX: indexname REDEFINITION COMPLETE****Reason:**

The redefinition of the tablespace data set was successful.

PTRR063**ALLOCATION COMPLETE FOR => dsn****Reason:**

The specified data set has been successfully allocated.

PTRR063**TABLESPACE: tsname REDEFINITION COMPLETE****Reason:**

The redefinition of the tablespace data set was successful.

PTRR063

INDEX: indexname OPENED FOR REBUILD

Reason:

The utility has opened the specified index for a rebuild.

PTRR063

ALLOCATION COMPLETE FOR tablespace_name

Reason:

The utility was able to successfully allocate space for the tablespace named in the message.

PTRR065

TABLESPACE: tsname SMS FAILED RECALLING DATASET

Reason:

The specified tablespace could not be recalled.

PTRR065

INDEX: indexname ADD VOLUME FAILED

Reason:

The utility was not able to add the candidate volume(s) for the index data set named in the error message.

Action:

Check to see if the volume exists.

PTRR065 TABLESPACE: tsname ADD VOLUME FAILED

The utility was not able to add the candidate volume(s) for the tablespace data set named in the error message.

Check to see if the volume exists.

PTRR066**dsname - DATASET FAILED OPEN****Reason:**

Due to environmental conditions, the specified data set failed open.

Action:

Contact your MVS Systems Programmer.

PTRR067**WORKDDN => ddname - DOESNT MATCH TABLESPACE TO BE RELOADED****Reason:**

Indicates that the WORKDDN data sets (SYSRECs) do not match the tablespace being reloaded.

Action:

Check the WORKDDN to make sure the correct data sets are specified. A restart of a job could be using a WORKDDN data set from a different job.

PTRR067**OUTDDN => out-ddname - DOESNT MATCH TABLESPACE TO BE RELOADED****Reason:**

Indicates that the OUTDDN data sets (SYSRECs) do not match the tablespace being reloaded.

Action:

Check the OUTDDN to make sure the correct data sets are specified. A restart of a job could be using a OUTDDN data set from a different job.

PTRR068**TABLE ENTRY NO LONGER FOUND - LOAD CANCELED****Reason:**

This error indicates that the object being reloaded was not located. Ensure that the table still exists. This can occur when if the object was dropped during unload pause and then the job was restarted.

PTRR069

WORKDDN => ddname CONTAINS A INDEX RECORD WITHOUT A HEADER

Reason:

An internal inconsistency has been detected in the indicated data set.

PTRR069

WORKDDN => ddname DOESNT MATCH INDEX TO BE RELOADED

Reason:

Indicates that the WORKDDN data sets (SYSUT1s) do not match the index being reloaded.

Action:

Check the WORKDDN to make sure the correct data sets are specified. A restart of a job could be using a WORKDDN data set from a different job.

PTRR070

VSAM CONTROL BLOCK FAILED VERIFICATION

Reason:

An integrity check of the VSAM control block has failed.

PTRR071

THE DISCARD I/O PROCESSOR ABENDED

Reason:

An internal error has occurred.

PTRR072

THE OPEN/CLOSE PROCESSOR ABENDED

Action:

For assistance, contact CA Support at <http://ca.com/support>.

PTRR072**TABLESPACE: tsname ACQUIRING DSP WORKAREA****Reason:**

The specified tablespace is acquiring dataspace workarea.

PTRR072**TABLESPACE: tsname OPENED FOR RELOAD****Reason:**

Reload processing has begun for the specified tablespace.

PTRR073**TABLESPACE: tsname RELOAD: n ROWS****Reason:**

The number of tablespace rows in tables that were selected to be reloaded.

PTRR074**TABLESPACE: tsname RPL ERROR RCODE: returncode REAS: reasoncode****Action:**

Refer to the return code and reason code for more information.

PTRR074**INDEX: indexname RPL ERROR: error-code****Action:**

For assistance, contact CA Support at <http://ca.com/support>.

PTRR075**INDEX: object EXCEEDED ALL AVAILABLE EXTENDS OR NEEDS ADDITIONAL VOLUMES****Reason:**

Indicates that additional space is needed to process the indicated index or tablespace.

PTRR076

INDEX: indexname ALLOCATION FAILED

Reason:

Allocation has failed for the specified index.

Action:

Check to see if the index exists. Also, make sure you have the proper authorities to allocate, read from, and write to the index.

PTRR077

A TABLESPACE UNLOAD TASK HAS FAILED - NO RELOAD TASKS ARE EXECUTING. THE REORG PROCESS WILL BE STOPPED AND ALL DATASETS RESTARTED

Reason:

Indicates that the utility failed in the tablespace unload task and no reload tasks are executing.

Action:

See the preceding messages for more information about the task failure.

PTRR077

A TABLESPACE UNLOAD TASK HAS FAILED - NO RELOAD TASKS ARE EXECUTING. ALL REMAINING UNLOAD TASKS WILL BE CANCELED

Reason:

Indicates that utility failed in the tablespace unload task and no reload tasks are executing.

Action:

See the preceding messages for more information about the task failure.

PTRR077

A TABLESPACE UNLOAD TASK HAS FAILED - RELOAD TASKS ARE EXECUTING. THE REORG PROCESS WILL CONTINUE UNTIL ALL RELOAD TASKS HAVE COMPLETED

Reason:

Indicates that the utility failed in the tablespace unload task but continued executing reload tasks for the other partitions.

Action:

See the preceding messages for more information about the task failure.

PTRR077

A TABLESPACE UNLOAD TASK HAS FAILED - RELOAD TASKS ARE EXECUTING. REORG MAY NEED TO BE RESTARTED OR RECOVERED BEFORE ACCESSING DATASETS

Reason:

Indicates that the utility failed in the tablespace unload task but continued executing reload tasks.

Action:

See the preceding messages for more information about the task failure.

PTRR078

A TABLESPACE UNLOAD TASK HAS FAILED

Reason:

For assistance, contact CA Support at <http://ca.com/support>.

PTRR079

INDEX UPDATE PROCESSING WAS INCOMPLETE

Reason:

An aspect of the reorg index update processing did not complete successfully.

Action:

See the other messages in this job for information about which tasks failed.

PTRR079

MAX DATASPACE PAGE FRAMES USED: pages

Reason:

This message displays the maximum number of page frames.

PTRR080

TABLESPACE: creator.tablespaceName.part RENAME COMPLETE

Reason:

For DATA-AVAILABLE HIGH processing of the specified tablespace, the renaming of the temporary VSAM data sets has been completed successfully.

PTRR081

INDEX : creator.indexName.part RENAME COMPLETE

Reason:

For DATA-AVAILABLE HIGH processing of the specified index, the renaming of the temporary VSAM data sets has been completed successfully.

PTRR081

FINAL REORG ANALYSIS

Reason:

This message provides a comprehensive summary of the reorganization job. Each tablespace partition and index or index partition that was reorganized is identified as COMPLETED or FAILED - RECOVER REQUIRED.

If the utility indicates that recovery is required, that object needs to be recovered. If only one partition is listed as requiring recovery, only that partition needs to be recovered. If NO RECOVER is indicated, processing did not complete but recovery is not necessary.

PTRR082

STARTUP PROCESSING FAILED THE REORG PROCESS WILL BE STOPPED AND ALL DATASETS RESTARTED or ALL REMAINING UNLOAD TASKS WILL BE CANCELED

Reason:

Startup processing has failed.

Action:

See other messages issued during execution for further information.

PTRR082

SYSREC OBID X'nnnn' NOT FOUND IN CATALOG

Reason:

In this message, 'nnnn' refers to the OBID found in the SYSREC file. An error occurred in one of the JCL Reorg steps. No reference to the specified *obid* was found in the system catalog

Action:

Verify that each of the SYSREC and SYSUT1 data sets within each step has a different name.

PTRR083

INDEX REBUILD PROCESSING WAS INCOMPLETE. REORG PROCESSING WILL THEN TERMINATE AND ALL DATASETS RESTARTED

Reason:

Index rebuild processing has failed.

Action:

See the summary in message PTRR081 for a complete description of the state of the indexes.

PTRR083

INDEX REBUILD PROCESSING WAS INCOMPLETE. SOME INDEXES MAY NEED TO BE RESTARTED OR RECOVERED BEFORE ACCESSING

Reason:

Index rebuild processing has failed.

Action:

See the summary in message PTRR081 for a complete description of the state of the indexes.

PTRR083

INDEX REBUILD PROCESSING WAS INCOMPLETE. INDEX REBUILD PROCESSING STILL ACTIVE AND WILL BE ALLOWED TO COMPLETE

Reason:

Index rebuild processing has failed.

Action:

See the summary in message PTRR081 for a complete description of the state of the indexes.

PTRR084

WORKDDN DRIVER FOR NCI KEYS FAILED

Reason:

The update task for a non-clustering index failed.

PTRR084

WORKDDN DRIVER FOR NCI UPDATE FAILED

Reason:

The update task for a non-clustering index failed.

PTRR085

THE STRIP INDEX PROCESSOR ABENDED

Action:

For assistance, contact CA Support at <http://ca.com/support>.

PTRR085

INDEX: indexname DID NOT REBUILD - INDEX OK

Reason:

Indicates the utility is unable to rebuild the specified index.

PTRR086

INDEX: indexname FAILED - REBUILD - AUTORECV

Reason:

Indicates that processing for the indicated index failed during the reload. The utility will automatically attempt to recover the index.

Action:

See other messages issued during execution for more information.

PTRR086

**A TABLESPACE UNLOAD/RELOAD TASK HAS FAILED - EXECUTION CANCELLED
THE REORG PROCESS WILL BE STOPPED AND ALL DATASETS RESTARTED**

Reason:

A DATA-AVAILABLE HIGH reorg job has failed during the unload phase. Because none of the reloads have yet been started, the reorg job is terminated and the original VSAM data sets have been restarted. The restart records have been deleted.

The tablespace is exactly as it was before the reorg was started.

The job is not restartable, but it can be rerun from the beginning.

PTRR087

INDEX: indexname SWITCHING TO SORT

Reason:

The specified index is being sent directly to the sort task.

PTRR088

INDEX: indexname FAILED DURING RENAME

Reason:

The utility failed to rename the specified index.

PTRR089

**INDEX : user.indexspace.001 TARGET DSN MISSING or
TABLESPACE: database.tablespace.001
TARGET DSN MISSING**

Reason:

You forgot to define the B00x data sets for the specified object before running your DATA-AVAILABLE HIGH reorg. Because the object is user-defined (not stogroup-defined) with SPACE-DEFN NO, the utility cannot define the B00x data sets for you.

Action:

Define the target data sets and rerun the job.

PTRR090

THE REORG MAIN TASK MANAGER ABENDED. SEE THE FINAL ANALYSIS MESSAGE FOR ANY RECOVERY CONDITIONS.

Reason:

The reorg main task manager job has abended.

Action:

See the final analysis message (PTRR081) for any recovery conditions.

PTRR091

TABLESPACE: tsname APPLICATION ABEND - RELOAD

Reason:

Indicates that the application abended during the reload of the indicated tablespace. This might be because of an abend or a trapped reason.

Action:

See other messages issued during execution for more information.

PTRR092**"PART" STATEMENT CONTAINS AN INVALID PARTITION VALUE****Reason:**

You have specified a partition that does not exist for the tablespace or index being reorganized.

Action:

Check the index definition and JCL.

PTRR094**UTLEXCP ERR RC X'00000058' REAS X'00000000'****Reason:**

RIO returned with an error condition but did not format an error message. The return code (RC) and reason code (REAS) are specified in the message.

PTRR100**INDEX KEYS LOADED num****Reason:**

The index keys have been reloaded.

PTRR100**USER CANCELED PROCESS THRU EXIT****Reason:**

The reorganization job was canceled due to a user exit.

PTRR101**INDEX: indexname HSP FAILURE: RSN=error-code****Reason:**

A hiperspace error has been detected.

PTRR101

TABLESPACE: tsname HSP FAILURE: RSN=error-code

Reason:

A hiperspace error has been detected.

PTRR101

LEAF PAGES num

Reason:

The number of leaf pages loaded.

PTRR102

NONLEAF PAGES num

Reason:

The number of nonleaf pages loaded.

PTRR103

INDEX LEVELS num

Reason:

The number of index levels after the load.

PTRR104

TOTAL PAGES ACTIVE num

Reason:

The number of total active pages after the load.

PTRR105

INDEX: indexname HSP=hsp-pages DSP=dsp-pages

Reason:

This informational message gives the amount of hiperspace (HSP) and dataspace (DSP) used. Both values are given in 4K pages.

PTRR105

INDEX indexname HAS BEEN RELOADED:

Reason:

The index name being loaded.

PTRR106

NUMBER OF VSAM PUT WAITS num

Reason:

The number of VSAM PUT WAITS.

PTRR106

INDEX: indexname UNLOAD: num ROWS

Reason:

The number of rows indicated in the message have been unloaded from the named index.

PTRR107

INDEX: indexname OPENED FOR UNLOAD

Reason:

The index named in the message has been opened. It will be unloaded next.

PTRR107

INDEX KEYS UPDATED num

Reason:

The number of index keys that were updated.

PTRR108

INDEX PAGES MODIFIED num

Reason:

The number of index pages that were modified.

PTRR109

INDEX: indexname HSP DIAG: RC=error-code RSN=error-code

Reason:

An internal diagnostic condition has been detected.

PTRR109

INDEX: indexname HSP FAILED: RTN=routine RSN=error-code

Reason:

An internal diagnostic condition has been detected.

PTRR110

TABLESPACE ROWS LOADED num

Reason:

The number of tablespace rows that were loaded.

PTRR111

TABLESPACE PAGES WRITTEN num

Reason:

The number of tablespace pages written.

PTRR112

ROWS LOADED num

Reason:

The number of rows loaded.

PTRR113

PAGES LOADED num

Reason:

The number of pages loaded for the table named in message PTRR115.

PTRR114

TABLESPACE: tsnam

Reason:

The tablespace name.

PTRR115

TABLE: tablenam

Reason:

The name of the table being loaded.

PTRR116

tablespace type TYPE

Reason:

This informational message displays the type of tablespace (Simple, Segmented, Partitioned) being processed.

PTRR117

pagesize PAGE SIZE

Reason:

This informational message displays the page size.

PTRR118

num NUMBER OF PARTS

Reason:

This informational message displays the number of partitions.

PTRR119

num SEGMENT SIZE

Reason:

This informational message displays the segment size.

PTRR120

TABLESPACE ROWS PROCESSED num

Reason:

This informational message displays the number of rows processed.

PTRR121

TABLESPACE PAGES READ num

Reason:

The number of tablespace pages read.

PTRR122

TABLESPACE DROPPED ROWS num

Reason:

The number of dropped rows for the tablespace.

PTRR123

TABLESPACE DROPPED SPACE num

Reason:

The amount of dropped space for the tablespace.

PTRR124

TABLESPACE DELETED ROWS.... num

Reason:

The number of rows deleted due to ROW-PROCESSING.

PTRR125

TABLESPACE DELETED SPACE num

Reason:

The amount of deleted space.

PTRR126**TABLESPACE PAGES IO WAIT num****Reason:**

The tablespace pages I/O wait.

PTRR127**TABLESPACE RELOCATED ROWS ... num****Reason:**

The number of relocated rows in the tablespace.

PTRR127**SYSREC PAGES WRITTEN num****Reason:**

The number of SYSREC pages written.

PTRR128**SYSREC PAGES IO WAIT num****Reason:**

The SYSREC pages I/O WAIT.

PTRR128**TABLESPACE RELOCATED RESET .. num****Reason:**

The number of rows reset to their original page.

PTRR129**SYSUT1 PAGES WRITTEN num****Reason:**

The number of SYSUT1 pages written.

PTRR130

SYSUT1 PAGES IO WAIT num

Reason:

The SYSUT1 pages I/O wait.

PTRR131

TABLESPACE REORG PAGES REQ .. num

Reason:

The number of pages required for the tablespace reorganization.

PTRR132

ROWS PROCESSED .. num

Reason:

The number of rows processed.

PTRR132

ROWS SELECTED ... num

Reason:

The number of rows selected due to ROW-PROCESSING.

PTRR133

TABLESPACE: tsnam

Reason:

The tablespace name.

PTRR134

TABLE: tablenam

Reason:

The table name.

PTRR140**INDEXSPACE: idxnam****Reason:**

The indexspace name.

PTRR141**INDEX ROWS UNLOADED num****Reason:**

The number of index rows unloaded.

PTRR142**INDEXSPACE PAGES READ num****Reason:**

The number of indexspace pages read.

PTRR143**INDEXSPACE PAGES IO WAIT num****Reason:**

The indexspace pages I/O wait.

PTRR160**DICTIONARY: [KEPT | BUILT], ENTRIES.....entries****Reason:**

Indicates whether the compression dictionary has been built or kept during compression. It also gives the number of dictionary index entries. The *entries* number is 512, 1024, 2048, 4096, or 8192.

Note: Messages PTRR160 - PTRR168 always appear together to give data compression statistics. See the accompanying message descriptions for more information.

PTRR161

PAGES.....pages [(xx PAGES RESERVED)]

Reason:

This message gives the number of data pages used by the compression dictionary. The number of pages reserved for the dictionary is also listed, if it is different from the number of pages used.

PTRR162

KB WITHOUT COMPRESSION.....noncompbytes

Reason:

This message gives the total number of uncompressed kilobytes (KB=1024 bytes) for the loaded or reorganized data, rounded up to the nearest KB. This number is for the data only, after any edit procedures are applied; it does not include any row or page overhead.

PTRR163

KB WITH COMPRESSION.....compbytes

Reason:

This message gives the total number of compressed kilobytes (KB=1024 bytes) for the loaded or reorganized data, rounded up to the nearest KB. This number is for the data only; it does not include any row or page overhead.

PTRR164

PCT BYTES SAVED.....pctsaved

Reason:

This message gives the percentage of bytes saved for the loaded or reorganized data as a result of the compression.

PTRR165

PCT ROWS COMPRESSED.....pctrowcompt

Reason:

This message gives the percentage of all the rows loaded or reorganized that were compressed. Rows whose length changed because of an edit procedure but were not compressed are counted as uncompressed. This is different from DB2's DSNU244I message

PTRR166**PAGES W/O COMPRESSION.....noncomppages****Reason:**

This message gives the estimated number of DB2 pages required by the uncompressed data rows that were loaded or reorganized. This estimate includes space required for page and row overhead, PCTFREE, FREEPAGE, header pages, one spacemap page. The number is rounded up to the next integer.

PTRR167**PAGES WITH COMPRESSION.....comppages****Reason:**

This message gives the estimated number of DB2 pages required by the compressed data rows that were loaded or reorganized. This estimate includes space required for dictionary pages, page and row overhead, PCTFREE, FREEPAGE, header pages, one spacemap page. The number is rounded up to the next integer. It is possible that *comppages* could be larger than the value *noncomppages* in message PTRR166, due to the data dictionary.

PTRR168**PCT DB2 PAGES SAVED.....pctpagessaved****Reason:**

This message gives an estimate of the percentage of DB2 pages saved by compressing the loaded or reorganized data. If the *comppages* of message PTRR167 is larger than the *noncomppages* of message PTRR167, *pctpagessaved* is a negative number, indicating the compressed data and data dictionary require more space than the uncompressed data.

PTRR200**INPUT DRIVERS SET TO: integer****Reason:**

Indicates the number of unload tasks that have been allocated.

PTRR201

OUTDDN DEVICES SET TO: integer

Reason:

The number of OUTDDN devices available to write the SYSREC data sets to is indicated by this message.

PTRR202

INDEX UPDATE TASKS SET TO: integer

Reason:

Indicates the number of update tasks. The utility uses the smaller of the value set in UPDATE-TASKS and the number of non-clustering indexes (plus the number of partitions in the clustering index, if RECLUSTER YES is specified).

PTRR203

WORKDDN DEVICES SET TO: integer

Reason:

Indicates the number of work data sets used in the job.

PTRR204

STRIP INDEX TASKS SET TO : 000

Reason:

Indicates the number of strip index tasks that have been allocated.

PTRR207

TABLESPACE: tsname OPENED FOR UNLOAD

Reason:

The specified tablespace has been opened for unload.

PTRR208

TABLESPACE: tsname UNLOAD: n ROWS SELECT: n ROWS

Reason:

This message specifies the number of rows unloaded and selected from the named tablespace.

PTRR212**DATA FIELD MUST BE (Y)ES OR (N)O****Reason:**

The field specified in the error must be set to YES or NO.

PTRR214**TABLESPACE,INDEX,TABLESPACE-INDEX, OR TABLE-INDEX KEYWORD MISSING****Reason:**

You must specify the type of object you will be reorganizing by specifying an object keyword. Valid object keywords are TABLESPACE INDEX TABLESPACE-INDEX TABLE-INDEX

PTRR215**DATA FIELD NOT VALID OR > 999999999****Reason:**

A required data field is missing or is not a numeric value less than 999,999,999.

Action:

Check the syntax.

PTRR215**DATA FIELD NOT VALID OR > 9999****Reason:**

A required data field is missing or is not a numeric value less than 9999.

Action:

Check the syntax.

PTRR218

SPACE-DEFN ENTRIES TO PARTITIONS DO NOT MATCH

Reason:

The space definition calculations you have specified do not correspond to the number of partitions in the tablespace or indexspace.

Action:

Check the syntax of the space definition.

PTRR219

SORTSIZE/SORTLIMIT MUST BE IN FORMAT OF 1K OR 1M

Reason:

The SORTSIZE must be in the format of MAX, 1K, or 1M.

SORT-LIMIT, an installation parameter, must also be in the same format.

PTRR220

SELECT / DELETE STATEMENT EXCEEDS 800 CHARACTERS

Reason:

Your SELECT or DELETE statement exceeds 800 characters.

PTRR221

EXIT PROCESSING NOT ALLOWED FOR TYPE 1 REORG

Reason:

You have specified an exit for a type 1 reorg, which is not allowed.

PTRR222

DISPLAY-STATUS NOT NUMERIC OR > 99,999,999,999

Reason:

You have specified an invalid value for DISPLAY-STATUS. Valid values are numerics less than 99,999,999,999.

PTRR223**STATEMENT MUST BEGIN WITH SELECT OR DELETE****Reason:**

The ROW-PROCESSING statement is not in the correct format. It must begin with SELECT or DELETE.

PTRR224**NO TABLE NAME FOUND****Reason:**

No table name was found in your SELECT or DELETE statement.

Action:

Check the SQL.

PTRR225**NO "WHERE" KEYWORD FOUND****Reason:**

No WHERE keyword was found in your SELECT or DELETE statement.

Action:

Check the SQL.

PTRR226**BASIC "WHERE" CLAUSE STRUCTURE ERROR****Reason:**

The WHERE clause of the job syntax contains errors. Its structure should be *WHERE column_name operator constant*.

PTRR226

WHEN/NULLIF/DEFAULTIF STRUCTURE INVALID

Reason:

The WHEN, NULLIF, or DEFAULTIF clause is not in the correct format.

Action:

See the documentation of the utility you are using for details on the correct syntax.

PTRR227

COLUMN NAME IS INVALID

Reason:

The specified column name is invalid.

PTRR228

ENDING LOCATION MUST GREATER / EQUAL TO STARTING LOCATION

Reason:

You have specified starting and ending locations for a field and have specified an ending location less than the starting location. You must specify an ending location equal to or greater than the starting location.

PTRR229

POSITION FIELD SYNTAX ERROR

Reason:

The POSITION portion of the INTO clause has a syntax error.

PTRR230

DATATYPE IS INVALID

Reason:

The data type specified in the line indicated is not valid.

PTRR231**DATATYPE LENGTH IS INVALID****Reason:**

The length specified is not valid for the data type specified.

PTRR232**BASIC STRUCTURE ERROR****Reason:**

The line indicated in this message contains a syntax error.

PTRR233**INITIAL (X) MAY HAVE NO OTHER PARMS****Reason:**

You have included an extraneous parameter in the INITIAL clause.

PTRR234**INITIAL (X) STRUCTURE ERROR****Reason:**

The INITIAL clause indicated in this message contains an error.

PTRR235**NULLIF/DEFAULTIF STRUCTURE ERROR****Reason:**

The NULLIF or DEFAULTIF clause is not in the correct format.

Action:

See the documentation of the utility you are using for details on the correct syntax.

PTRR238

RESTART FOR QUICKCOPY FOUND, RESTART INVALID, CONTROL CARDS CHANGED

Reason:

This job cannot be restarted because the control cards specifying the utility options have been modified since the original execution of the job.

Action:

Remove the restart parameter or restore the options to their previous settings before resubmitting the job.

PTRR238

INVALID ROW LENGTH FOR TABLE

Reason:

An invalid row length was specified for the table.

PTRR239

FASTLOAD INPUT TABLE DOES NOT EXIST IN REORG TABLESPACE

Reason:

The table you specified to unload in the syntax was not found in the tablespace selected for reorg.

Action:

Check the table and tablespace names.

PTRR240

SEGMENTED TABLESPACE SQL SELECT PROCESSING COMPLETED RC=>xx

Reason:

Indicates that the utility has successfully completed the SELECT processing to select an arbitrary row of data from the tables in the tablespace prior to setting the copy pending flag. Any time a segmented tablespace is being reorganized, the utility performs this SQL SELECT processing to update the DBD and ensure that the tablespace data is synchronized.

PTRR240

TABLESPACE LOAD FOR DDNAME => ddname - ABENDED

Action:

For assistance, contact CA Support at <http://ca.com/support>.

PTRR241

PREVIOUS EXECUTION WAS CANCELLED. BYPASS SYSREC WAS SELECTED. EXAMINE PREVIOUS EXECUTION TO DETERMINE WHAT OBJECTS REQUIRE RECOVERY.

Reason:

Because BYPASS-SYSREC was selected in the original run of this job, a restart is not possible.

Action:

Look at the output messages from the previous run to determine which objects had not completed the reorganization and might need to be recovered.

PTRR241

INDEX LOAD FOR DDNAME => ddname - ABENDED

Action:

For assistance, contact CA Support at <http://ca.com/support>.

PTRR242

INDEX: indexname REDEFINITION COMPLETE

Reason:

The utility has finished redefining the specified index.

PTRR242

INDEX: indexname OPENED FOR REBUILD

Reason:

The specified index has been opened for rebuild.

PTRR242

INDEX: indexname OPENED FOR STRIP

Reason:

The specified index has been opened to strip the index keys out.

PTRR242

INDEX: indexname OPENED FOR UPDATE

Reason:

The specified index has been opened for update.

PTRR243

INDEX: indexname RELOAD: n KEYS

Reason:

The utility has reloaded the number of keys specified into the index indicated.

PTRR244

INDEX: indexname UPDATE: n KEYS

Reason:

The utility has updated the number of keys specified in the index indicated.

PTRR244

INDEX: indexname STRIP: n KEYS

Reason:

The utility has stripped out the number of keys specified from the index indicated.

PTRR245

TABLESPACE tname n ROWS

Reason:

Indicates the number of rows unloaded for the named tablespace during standard execution.

PTRR246**COPY DATA PROCESS ENDED - RETURN CODE rtn****Reason:**

Processing has abended. Review the return code information.

PTRR246**COPY DATA PROCESS ABENDED - CODE rtn****Reason:**

Processing has abended.

Action:

Review the return code information.

PTRR288**INDEX database.indexspace SWITCH TO SORT (TYP 2 DUP)****Reason:**

REBUILD-INDEX NO is specified but there is a non clustering type 2 index that is not unique.

Action:

Rebuild the index to place the RIDs in the correct order.

PTRR300**THE NUMBER OF WORKDDNS MUST BE AT LEAST => num****Reason:**

Indicates the number of WORKDDNs required.

Action:

Define the number of WORKDDNs specified in your job.

PTRR301

THE NUMBER OF OUTDDN(X) CANNOT BE ZERO

Reason:

The only time you can omit OUTDDN data sets (SYSREC) is when you specify BYPASS-SYSREC, RECLUSTER YES SORTDATA YES.

BYPASS-SYSREC can only be executed with SORTDATA YES. If the tablespace has no clustering index, the utility automatically converts the job to SORTDATA NO RECLUSTER NO, which cannot be BYPASS-SYSREC. Therefore, the job requires OUTDDN data set(s).

PTRR302

THE NUMBER OF WORKDDN(X) CANNOT BE ZERO

Reason:

The number of WORKDDNs data sets (SYSUT1) cannot be zero. Change the number of OUTDDNs in your job.

Action:

If you have specified BYPASS-SYSUT1, but the tablespace has non-clustering indexes, you must define one WORKDDN.

PTRR303

DISCARD TO OUTPUT DATASET NOT POSSIBLE DURING THIS RESTART

Reason:

Indicates that discard processing is not available during this restart because a tablespace was partially unloaded before the job failed.

PTRR304

EXTENDED VERSION WAS SWITCHED TO STANDARD VERSION

Reason:

Your Extended Mode reorg job has been switched to the Standard Mode, because not all requirements for running Extended Mode were met.

PTRR305

THE NUMBER OF OUTDDNS EXCEEDED MAX - SET TO 16

Reason:

User specified too many DDs. The utility has set the number of OUTDDNs to 16.

PTRR306**THE NUMBER OF WORKDDNS EXCEEDED MAX - SET TO 17****Reason:**

User specified too many DDs. The utility has set the number of WORKDDNs to 17.

PTRR307**FASTLOAD INPUT USAGE - NUMBER OF OUTDDNS SET TO 1****Reason:**

User specified too many DDs. The utility has set the number of OUTDDNs to 1.

PTRR310**DATA AVAILABILITY SET TO => [HIGH | NORMAL]****Reason:**

The DATA-AVAILABLE keyword or parmlib parameter value is given (HIGH or NORMAL).

PTRR311**RESTART TABLE TOO SMALL FOR TABLESPACE****Reason:**

The tablespace is too large for the restart table.

Action:

Make the restart table a 32 KB table.

PTRR320**DATASET HAS BEEN msg****Reason:**

Indicates that the specified action was taken on the named data set. The variable “msg” indicates one of the following:

- ROLLED BACK TO-Because an error occurred during the reorg, the data sets were rolled back to their original names.
- RENAMED TO-The reorg was successful, so the data sets were renamed.

PTRR321

IDCAMS ERROR RENAMING dsn TO dsn

Reason:

An IDCAMS error occurred during the renaming of the indicated data set.

PTRR322

**IDCAMS ERROR OCCURRED WHILE ROLLING BACK DATASET RENAMES
DATASET dsn COULD NOT BE RENAMED BACK TO dsn
AND WILL HAVE TO BE RENAMED MANUALLY
THE TABLESPACE WILL BE LEFT IN STOPPED STATUS**

Reason:

An IDCAMS error occurred during the rolling back of the indicated data set. Additional information is provided so that you know which data set to rename manually.

PTRR323

STARTING DATASET RENAME PROCESS

Reason:

The utility has begun to rename the data sets it used for the reorg.

PTRR324

DATASET RENAME PROCESS HAS COMPLETED SUCCESSFULLY

Reason:

The specified process completed as expected.

PTRR325

DATASET RENAME ROLLBACK WAS SUCCESSFUL

Reason:

The rollback of the data set names completed successfully.

PTRR326

DATASET RENAME ROLLBACK WAS INCOMPLETE

Reason:

The rollback of the data set names did not complete.

PTRR327**DATASET RENAME PROCESS HAS FAILED****Reason:**

The renaming of the data sets has failed.

PTRR328**DATASET RENAME ROLLBACK COMMENCING****Reason:**

Because the renaming process failed, the utility will roll back the names of the data sets.

PTRR329**DATASET ARRAY HAS OVERFLOWED****Reason:**

An internal error occurred.

PTRR330**PLEASE CONTACT Customer Support****Reason:**

A companion message to the previous messages.

Action:

For assistance, contact CA Support at <http://ca.com/support>.

PTRR332**xxxxx HAS BEEN DELETED****Reason:**

The specified data set has been deleted.

PTRR333**IDCAMS DELETE FAILED FOR DATASET****Reason:**

The IDCAMS delete operation failed for the specified data set.

PTRR335

STARTING DATASET DELETE PROCESSING

Reason:

The utility is beginning to delete data sets.

PTRR336

DATASET DELETE PROCESSING HAS COMPLETED SUCCESSFULLY

Reason:

The utility was able to delete the data sets that it used as part of the reorganization process.

PTRR337

DATASET DELETE PROCESSING HAS COMPLETED WITH ERRORS

Reason:

Errors occurred during the deletion process, but the utility completed the process.

PTRR400

WORK DATASET => ddname FAILED xxxxx, RC=> X'nnnnn' MOD =>RROPN

Reason:

The listed macro failed on the specified sequential data set. The message also provides the return code value, denoted by *nnnnn*, that is returned in register 15 after the Open or Close macro is issued. RROPN is the CSECT of the module that encountered the error.

The xxxxx in the error message can be one of the following:

- OPEN-The Open macro failed.
- CLOSE-The Close macro failed.
- MOD-The Modify macro failed.

PTRR901

rrrr/cccc/mmmm/aaaa/ssss/pppp.

Reason:

The variables in the message indicate the following:

- *rrrr*-The requested number of frames
- *cccc*-The current total number of frames allocated
- *mmmm*-The maximum number of frames allocated in this step
- *aaaa*-The number of free frames that are available in the system
- *ssss*-The total number of frames in the entire system
- *pppp*-The value of EXTENDED-PAGE-FRAMES in *high-level.CDBAPARM*

PTRR901**INDEX EXCEEDS 2 GIGS****Reason:**

This informational message informs you that you have exceeded the limit for a partitioned index. Processing will continue.

PTRR901**INDEX: indexname BLKS REQ EXCEEDS PARMLIB****Reason:**

The dataspace required for the specified index exceeded the limit specified in the UTIL member of *high-level.CDBAPARM*. You should increase the limit and run the job again.

PTRR910**DSP REQUIRES: number BLKS =>xxxxx****Reason:**

The dataspace requires the specified number of 4K blocks. The message indicates that one of the following errors (denoted by xxxxx above) occurred:

- BLKS REQ EXCEED PAGESYS-The number of blocks required for the operation exceeded the paging limit.
- DSP REASON CODE ERROR-An unexpected reason code was encountered while attempting to create the dataspace.

- DSP EXCEEDS SMF MAXIMUM-Creation of the dataspace would violate installation criteria. See the *IEFUSI Installation Exit* section in IBM's *MVS/ESA SP Installation Exits*. Check with your system programmer for local restrictions on the creation and use of dataspace.
- DSP EXCEEDS ALL RESOURCES-This is an environment error where the system cannot create additional dataspace because of a shortage of resources. Retry the job one or more times during a period of lower system usage. If the problem persists, consult your system programmer, who might be able to tune the system so that resources will not become depleted.
- DSP NAME NOT UNIQUE-This is a program error where the specified dataspace name is not unique within the address space.
- DSP NAME EXCEEDS NAME LIMIT-This is an environment error where the system's set of generated names for dataspace and hiperspace has been temporarily depleted. Retry the job one or more times during a period of lower system usage. If the problem persists, consult your system programmer, who might be able to tune the system so that more names are available for use.
- DSP INDEX EXCEEDS 2 GIGABYTES-The index is too large to be processed.

PTRR910

REQUEST number/CUR TOT number/JOB MAX number/AVAIL number/MAXIMUM number/PCT number

Reason:

This is an informational message. The word *number* in the message above refers to 4K blocks, except for the PCT *number*, which refers to the percentage of dataspace being used.

PTRR911

THIS ERROR PREVENTS INDEX UPDATE PROCESSING FROM COMPLETING

Reason:

The utility encountered an error that prevented it from updating the index.

PTRR911

PRR WILL AUTOMATICALLY REBUILD INDEX(ES) THAT DID NOT COMPLETE

Reason:

This message is a companion to the previous message. When the utility encounters an error that prevents it from updating the index, it rebuilds the indexes automatically.

PTRR912

INDEX: indexname FAILED UPD-AUTORECV

Reason:

The task for the specified index did not complete successfully. Autorecovery is being invoked to read the index from the tablespace and recreate it.

PTRR913

UPDATE CROSS-REFERENCE TABLE SIZE: HSP=hspsize DSP=dspsize

Reason:

The amount of hiperspace and dataspace used, in 4K pages, by the cross-reference table. The cross-reference table is where the utility keeps track of the RIDs for updating the index entries.

PTRR914

INDEX: indexname CHECKSUM ERROR

Reason:

A checksum error occurred on the specified index.

PTRR914

INDEX: indexname EXPECTED:

Reason:

This message clarifies the previous message by indicating the number of rows that the specified index expected.

PTRR915

rrrr/cccc/mmmm/aaaa/ssss/pppp

Reason:

The variables in the message indicate the following:

- *rrrr*-The requested number of frames.
- *cccc*-The current total number of frames allocated.
- *mmmm*-The maximum number of frames allocated in this step.
- *aaaa*-The number of free frames that are available in the system.

- *ssss*-The total number of frames in the entire system.
- *pppp*-The value of EXTENDED-PAGE-FRAMES in *high-level.CDBAPARM*.

PTRR915

INDEX: indexname xxxx OR TABLESPACE tsname xxxx

Reason:

If you are reorganizing an index, you might receive the first message. If you are reorganizing a tablespace, you might receive the second message. Indicates that one of the following errors (denoted by *xxxx* above) occurred while the utility was processing the specified index or tablespace:

- HSP - EXCEEDS SMF MAXIMUM-Creation of the hiperspace would violate installation criteria. See the *IEFUSI Installation Exit* section in IBM's *MVS/ESA SP Installation Exits*. Check with your system programmer for local restrictions on the creation and use of dataspace.
- DSP - EXCEEDS SMF MAXIMUM-See above entry for a description of this message.
- HSP - NAME NOT UNIQUE-This is a program error where the specified hiperspace name is not unique within the address space.
- DSP - NAME NOT UNIQUE-This is a program error where the specified dataspace name is not unique within the address space.
- HSP - NAME EXCEEDS NAME LIMIT-This is an environment error where the system's set of generated names for dataspace and hiperspaces has been temporarily depleted. Retry the job one or more times during a period of lower system usage. If the problem persists, consult your system programmer, who might be able to tune the system so that more names are available for use.
- DSP - NAME EXCEEDS NAME LIMIT-See above entry for a description of this message.
- HSP - EXCEEDS ALL RESOURCES-This is an environment error where the system cannot create additional dataspace because of a shortage of resources. Retry the job one or more times during a period of lower system usage. If the problem persists, consult your system programmer, who might be able to tune the system so that resources will not become depleted.
- DSP - EXCEEDS ALL RESOURCES-See above entry for a description of this message.
- HSP- REASON CODE ERROR-An unexpected return code was encountered while attempting to create a hiperspace.
- DSP - REASON CODE ERROR-An unexpected return code was encountered while attempting to create a dataspace.
- HSP - NO EXPANDED STORAGE-There is no room in expanded storage to perform processing.
- DSP EXCEEDS USER MAXIMUM-Request exceeded EXTENDED-DSP parmlib option.

- HSP EXCEEDS USER MAXIMUM-Request exceeded EXTENDED-HIPER parmlib option.
- DSP EXCEEDS PAGE SYSTEM-Request would have exceeded the paging limit. See the EXTENDED-PAGE-FRAMES parmlib option.
- NON INDEX PAGE FOUND-An unexpected page was found, which was not a leaf page, non-leaf page, header or spacemap page.

PTRR915

PROCEEDING WITH DSP REQUEST

Reason:

This message appears if the utility fails to obtain the entire hiperspace. It then proceeds with the request for dataspace.

PTRR920

TABLESPACE: creator.tablespaceName.part ACQUIRING HSP WORKAREA

Reason:

The utility is obtaining the dataspace workarea for the specified tablespace.

PTRR920

TABLESPACE: creator.tablespaceName.part ACQUIRING DSP WORKAREA

Reason:

The utility is obtaining the dataspace workarea for the specified tablespace.

PTRR920

TABLESPACE: tablespace xxxx or INDEXSPACE: indexspace xxxx

Reason:

Depending on your situation, you might receive one of the messages or the other. The variables in the message indicate one of the following:

- PAGING SYSTEM EXHAUSTED-The requested operation exceeded the paging limit.
- ALL WORKAREA EXHAUSTED-The requested operation exceeded the available workspace.
- ACQUIRING HSP WORKAREA-The utility is acquiring hiperspace workarea.
- ACQUIRING DSP WORKAREA-The utility is acquiring dataspace workarea.

PTRR920

**TABLESPACE: creator.tablespaceName.part
PAGING SYSTEM EXHAUSTED**

Reason:

The utility was obtaining the hiperspace workarea for the specified tablespace; however, there is not enough hiperspace available.

PTRR920

TABLESPACE: creator.tablespaceName.part ALL WORKAREA EXHAUSTED

Reason:

The utility was obtaining the hiperspace workarea, the dataspace workarea, or both for the specified tablespace; however, the utility has reached the maximum allowed due to user-specified maximums or system-specified maximums.

PTRR922

TABLESPACE: creator.tablespaceName.part num1/.....num2/num3

Reason:

None.

PTRR930

TABLESPACE: tsname ACQUIRING HSP WORKAREA

Reason:

The specified tablespace is acquiring hiperspace workarea.

PTRR987

BAD PARAMETER PASSAGE - RRUE2

Reason:

An internal error has occurred due to a bad parameter being passed to module UTARRUE2.

PTT Messages

Messages with the PTT prefix are generated from Thread Termination\Dynamic DSNZPARM.

PTT0001

**THREAD TERM USER=*user_ID*, TYPE=*requested_information* ON *date* AT *time*,
DB2=*subsystem*, TOKEN=*token_ID***

Reason:

Messages PTT0001, PTT0002, PTT0003, and PTT0004 appear together to provide the result of a thread termination request issued by the thread monitor. PTT0001 contains the user ID associated with the Xmanager under which the thread monitor is running and the type of termination requested: D for soft termination, M for hard termination, or W for a warning. Also provided are the date and time of the termination request, the DB2 subsystem ID, and the token ID of the thread selected for termination processing.

Action:

None.

PTT0002

**DB2=*subsystem*, TOKEN=*token_ID*, CORR=*correlation_ID*, AUTH=*authorization_ID*,
OPID=*original_authorization_ID*, PLAN=*plan_name*, CONN=*connection_ID***

Reason:

Messages PTT0001, PTT0002, PTT0003, and PTT0004 appear together to provide the result of a thread termination request issued by the thread monitor. PTT0002 contains the DB2 subsystem ID, the token ID of the thread selected for termination processing, the correlation ID, the authorization ID, the original authorization ID, the plan name, and the connection ID.

Action:

None.

PTT0003

**DB2=*subsystem*, TOKEN=*token_ID*, CONNTP=*connection_type*, JOB=*job_name*,
ASID=*address_space_ID*, PROFILE GROUP=*termination_profile_group_name***

Reason:

Messages PTT0001, PTT0002, PTT0003, and PTT0004 appear together to provide the result of a thread termination request issued by the thread monitor. PTT0003 contains the DB2 subsystem ID, the token ID of the thread selected for termination processing, the connection type, the job name, the home address space ID, and the name of the termination profile group that contains the termination profile that the thread matched.

Action:

None.

PTT0004

DB2=*subsystem*, **TOKEN=***token_ID*, **result_of_request**

Reason:

Messages PTT0001, PTT0002, PTT0003, and PTT0004 appear together to provide the result of a thread termination request issued by the thread monitor. PTT0004 contains the DB2 subsystem ID, the token ID of the thread selected for termination processing, and the result of the thread termination request: "THREAD MONITOR WARNING," "THREAD TERMINATION SUCCESSFUL," or "THREAD TERMINATION FAILED, RETURN CODE=*return_code*, REASON=*reason*."

Action:

None.

More Information:

[Thread Termination\Dynamic DSNZPARM Return and Reason Codes](#) (see page 37)

PTT0005

message text

Reason:

A request to connect to or create a thread to DB2 has failed. The message text informs you of why the request has failed.

Action:

Your specific response is determined by the message text.

PTT010

ACCESS DENIED.

Reason:

Your installation's external security system (for example, CA ACF2, CA Top Secret, or IBM RACF) has denied access to this resource.

Action:

None.

PTT0100

THREAD MONITORING INIT IN PROGRESS ID=@@@@

Reason:

The thread monitor has been started.

Action:

None.

PTT0101

THREAD MONITORING INIT COMPLETE FOR ID=@@@@

Reason:

The thread monitor has completed initialization with no fatal error.

Action:

None.

PTT0102

THREAD MONITORING TERM IN PROGRESS FOR ID=@@@@

Reason:

The thread monitor has begun termination processing.

Action:

None.

PTT0103

THREAD MONITORING TERM COMPLETE FOR ID=@@@@

Reason:

The thread monitor termination processing is complete.

Action:

None.

PTT0105

THREAD MONITOR PARMLIB PROCESSING START ID=@@@

Reason:

The thread monitor has begun processing profiles for the designated DB2 subsystem.

Action:

None.

PTT0106

THREAD MONITOR PARMLIB PROCESSING END ID=@@@

Reason:

The thread monitor has completed processing profiles for the designated DB2 subsystem.

Action:

None.

PTT0107

**THREAD MONITOR PARMLIB PROCESSING-ERROR PROCESSING SSID MEMBER
ID=@@@**

Reason:

The thread monitor detected an error in the format of the designated SSID record in the SSIDxmid parmlib member.

Action:

Check for manual changes to the card.

PTT0108

**NO PROFILE GROUPS W/ SSID ssid WILL BE USED DURING MONITORING INIT; IT IS NOT
DEFINED TO THE OS.**

Reason:

The thread monitor will not initialize monitoring for the given subsystem ID because it has determined that the subsystem ID is not defined to the operating system.

Action:

None.

PTT0109

NO PROFILE GROUPS W/ SSID *ssid* WILL BE USED DURING MONITORING INIT. *ssid* IS ON A REMOTE LPAR.

Reason:

The thread monitor won't initialize monitoring for the given SSID because it has determined that the SSID is on a remote LPAR.

Action:

None.

PTT0110

THREAD MONITOR PARMLIB PROCESSING-PROCESSING ENDED FOR SSID=@@@@

Reason:

The thread monitor parmlib has finished processing for the designated DB2 subsystem.

Action:

None.

PTT0111

**THREAD MONITOR PARMLIB PROCESSING-ERROR PROCESSING PROFILE
@@@@@@@@**

Reason:

The thread monitor has found a profile with no selection criteria.

Action:

Change the profile to specify selection criteria.

PTT0112

THREAD MONITOR INVALID TERMINATION TYPE @@@@ PROFILE @@@@@@@@

Reason:

The thread monitor has found an invalid termination type in the designated profile. The thread will not be terminated, and warnings will not be issued.

Action:

None.

PTT0113

THREAD MONITOR PARMLIB PROCESSING-ERROR-GROUP @@@@ NOT FOUND IN TTGROUPS

Reason:

The thread monitor has found a reference to a group which does not exist.

Action:

None.

PTT0114

THREAD MONITOR PARMLIB PROCESSING-ERROR PROCESSING GROUP MEMBER @@@@

Reason:

The thread monitor has detected an invalid format for a record in the designated group member.

Action:

None.

PTT0115

THREAD MONITOR PARMLIB PROCESSING-PROCESSING ENDED FOR GROUP MEMBER @@@@

Reason:

The thread monitor has completed processing the designated group.

Action:

None.

PTT0116

THREAD MONITOR PARMLIB SSID @@@@ BYPASSED, ALREADY BEING MONITORED

Reason:

The thread monitor has determined that the designated subsystem is being monitored by another monitor.

Action:

None.

PTT0117**THREAD MONITOR PARMLIB PROCESSING-INVALID DATA IN PROFILE @@@@****Reason:**

The thread monitor has detected invalid data in the designated profile parmlib member.

Action:

None.

PTT0118**THREAD MONITOR STARTUP COMPLETED****Reason:**

The thread monitor has completed startup.

Action:

None.

PTT0119**THREAD MONITOR STARTUP FAILED****Reason:**

The thread monitor attach failed.

Action:

None.

PTT0120**THREAD MONITOR SHUTDOWN COMPLETED****Reason:**

The thread monitor task has been successfully detached.

Action:

None.

PTT0121

THREAD MONITOR NON NUMERIC WARNING COUNTS, MULTIPLE WARNINGS NOT SUPRESSED ID=@@@@

Reason:

The thread monitor has found invalid data needed to acquire storage for suppressing multiple warnings. Multiple warnings will be permitted.

Action:

None.

PTT0150

THREAD TERMINATOR MONITOR TASK ABEND FOR ID=@@@@

Reason:

The thread monitor retry routine has detected recursive or fatal abends.

Action:

None.

PTT0153

THREAD TERMINATOR MPROFILE = profile name LOCATE FAILED

Reason:

The data set associated with the profile specified during monitor startup request does not exist.

Action:

Check the profile specified at monitor startup and the data set associated with it to be sure that the profile still exists. Correct any errors and restart the monitor.

PTT0154

THREAD TERMINATOR MPROFILE = profile name ALLOC FAILED

Reason:

Allocation of the monitor profile data set failed. Use the profile display screens to verify the profiles available.

Action:

Correct any errors and restart the monitor.

PTT0155

THREAD TERMINATOR MPROFILE = profile name DATASET IS EMPTY

Reason:

The monitor profile specified for the monitor startup is empty.

Action:

Use the monitor profile screens to modify the profile and restart the monitor.

PTT0156

THREAD TERMINATOR MPROFILE = profile name VALIDATION FAILED

Reason:

An error occurred during processing of the monitor profile data set.

Action:

See the Xmanager job log for additional error messages.

PTT0157

THREAD TERMINATOR MPROFILE = profile name REQUEST = xmanager routine request HAS FAILED

Reason:

A request to the Xmanager started task abended.

Action:

Make sure the Xmanager started task is active.

PTT0158

THREAD TERMINATOR MPROFILE= profile name LOCATE FAILED; ID = ssid

Reason:

Required information was not found in the monitor profile.

Action:

Delete and recreate the monitor profile and then restart the monitor.

PTT0159

THREAD TERMINATOR MPROFILE profile name READ ERROR ID = ssid

Reason:

Required information was not found in the monitor profile.

Action:

Delete and recreate the monitor profile and then restart the monitor.

PTT0200

INPUT RECORD SYNTAX ERROR - SEE TTREPORT.

Reason:

An error was detected in a control card for the batch processor. Details of the error will be found in the Batch Error Report that is written to the data set named by the TTREPORT DD statement in the Batch JCL.

Your response will be determined by the details in the Batch Error Report.

PTT0201

XMANAGER NOT AVAILABLE.

Reason:

The specified or defaulted version of Xmanager is not currently running. The program requires the services of Xmanager.

Action:

Start Xmanager.

PTT0202

UNABLE TO OPEN OUTPUT FILE.

Reason:

The batch processor was unable to successfully open the file pointed to by the TTREPORT DD statement in the batch JCL.

Action:

There will probably be other error messages from MVS indicating what the problem is. Correct the error and resubmit.

PTT0203**UNABLE TO OPEN INPUT FILE.****Reason:**

The batch processor was unable to successfully open the file pointed to by the SYSIN DD statement in the batch JCL.

Action:

There will probably be other error messages from MVS indicating what the problem is. Correct the error and resubmit.

PTT0204**SPECIFIED DB2 SUBSYSTEM NOT AVAILABLE.****Reason:**

You requested termination of threads running in the DB2 subsystem specified on the control card for the batch processor. That subsystem is not running on this processor.

Action:

None.

PTT0205**ABEND DETECTED IN XMANAGER.****Reason:**

An ABEND occurred in the Xmanager address space. Error recovery routines trapped the abend and produced this message.

PTT0206**AUTHORIZATION FAILED; SEE PTT0005 MESSAGE.****Reason:**

You have not been granted access to the feature you requested.

Action:

For more information, see PTT0005 message.

PTT0218

TTREPORT FILE COULD NOT BE OPENED.

Reason:

The batch processor was unable to successfully open the file pointed to by the TTPORT DD statement in the batch JCL.

Action:

There will probably be other error messages from MVS indicating what the problem is. Correct the error and resubmit.

PTT0220

THREAD TERMINATOR MODIFY IN PROGRESS

Reason:

This is an informational message indicating that a monitor modify request has been received and is being processed.

Action:

None.

PTT0221

THREAD TERMINATOR MODIFY FAILED/ALREADY ACTIVE

Reason:

A modify request to start the monitor was ignored due to the monitor already being active.

Action:

Terminate the monitor before issuing the start modify request if the monitor needs to be restarted.

PTT0222

THREAD TERMINATOR MODIFY FAILED DUE TO ERROR

Action:

Modify command processing has failed.

View the Xmanager job log for additional messages related to this message.

PTT0224**THREAD TERMINATOR MODIFY FAILED/SSID INVALID OR NOT ACTIVE****Reason:**

The monitor modify request has failed due to invalid DB2 SSID specified or not being active on the MVS system where the modify command was issued.

Action:

Determine the cause of the message and reissue the modify command.

PTT0226**THREAD TERMINATOR MODIFY FAILED/ASYNCH ABEND INCURRED****Reason:**

The monitor modify request has failed due to an abend that occurred while the request was being processed.

PTT0227**THREAD TERMINATOR MODIFY FAILED/INVALID KEYWORD LOCATED****Reason:**

The collection modify request has failed due to an invalid keyword being located.

Action:

Correct the modify command text and reissue the modify command.

PTT0228**THREAD TERMINATOR MODIFY FAILED/KEYWORD NOT FOUND KEY=keyword****Reason:**

The modify request has failed due to a required keyword not being located in the modify command text.

Action:

Correct the modify command text and reissue the modify command.

PTT0229

THREAD TERMINATOR MODIFY FAILED/DATALEN ERROR KEY=keyword

Reason:

The message text indicates modify command text contained a keyword operand value with an invalid length specified. The failing keyword is provided in the message text.

Action:

Correct the keyword operand and reissue the modify request.

PTT0230

THREAD TERMINATOR MODIFY FAILED/DATA IS INVALID KEY=keyword

Reason:

The message text indicates modify command text contained a keyword operand value that was determined to be invalid. The failing keyword is provided in the message text.

Action:

Correct the keyword operand and reissue the modify request.

PTT0231

THREAD TERMINATOR MODIFY FAILED/PROFILE=profile name NOT FOUND

Reason:

This message is issued when a modify command contains a termination profile name which is invalid.

Action:

Correct the termination profile name specified and reissue the modify command.

PTT0232

THREAD TERMINATOR MODIFY FAILED/CONTROL FILE NOT FOUND

Reason:

Modify command processing has failed due to inability to locate the control file data set name.

Action:

Verify that the data set name in member TTCFPARM contained in Xmanager CDBAPXMP data set reflects a valid control file data set name.

PTT0233**THREAD TERMINATOR MODIFY FAILED/CONTROL FILE ALLOC FAILED****Reason:**

Modify command processing has failed due to problems allocating the control file.

Action:

Attempt to determine the reason for the failure.

PTT0234**THREAD TERMINATOR MODIFY FAILED/CONTROL FILE ACCESS ERROR****Reason:**

Modify command processing has failed due to access restrictions opening the control file. The Xmanager address space must have read and write access to the control file.

Action:

Determine if any additional messages exist on the Xmanager job log that may be related to this failure.

PTT0235**THREAD TERMINATOR MODIFY FAILED/CONTROL FILE OPEN ERROR****Reason:**

Collection modify command processing has failed due to problem opening the control file.

Action:

Determine if any additional messages exist on the Xmanager job log that may be related to this failure.

PTT0236**THREAD TERMINATOR MODIFY FAILED/CONTROL FILE IS FULL****Reason:**

Collection modify command processing has failed due to the control file being full.

Action:

See the product documentation for information on creating and copying the control file.

PTT0237

THREAD TERMINATOR MODIFY FAILED/CONTROL FILE WRITE ERROR

Reason:

Collection modify command processing has failed due to a write error while writing to the control file.

PTT0238

THREAD TERMINATOR MODIFY FAILED/MONITOR NOT ACTIVE

Reason:

A modify request to monitor has failed due to monitor not being active. The monitor must be active for the modify request to be processed.

PTT0239

THREAD TERMINATOR MODIFY FAILED/MONITOR SHUTDOWN FAILED

Reason:

A modify stop the thread monitor has failed because of an error.

Action:

Determine if any additional messages exist on the Xmanager job log that may be related to this failure.

PTT0240

THREAD TERMINATOR MODIFY FAILED/SCHEDULER NOT ACTIVE

Reason:

You attempted to issue a command to refresh the schedules controlled by the scheduler task, but the scheduler is currently inactive. The scheduler must be active in order to refresh the scheduled commands.

Action:

Start the scheduler and reissue the modify command, if needed.

PTT0330**CONTROL FILE DATASET NAME IS INVALID OR NOT FOUND****Reason:**

The control file data set name contained in member TTCFPARM within the Xmanager CDBAPXMP data set does not exist (or the name is invalid). The control file is created when the program is installed.

Action:

Browse the CDBAPXMP data set contained in the Xmanager started task JCL. Determine whether the data set name contained within the member is valid. If the data set has been deleted, attempt to restore the data set if possible.

PTT0331**CONTROL FILE ALLOCATE FAILED RC=*rc*****Reason:**

Dynamic allocation of the control file data set failed. The message text includes the SVC99 error reason code.

Action:

Look up the reason for the allocation failure in the *IBM Application Development Guide: Authorized Assembler Language Programs (System Macros and Facilities for MVS/XA)* manual.

PTT0333**CONTROL FILE OPEN FAILED****Reason:**

MVS OPEN processing for the control file failed. The control file is created when the program is installed. Member TTCFPARM in the Xmanager CDBAPXMP data set contains the control file data set name in use.

Action:

Check the Xmanager job log and MVS SYSLOG for additional error messages regarding the error. A message indicating the MVS OPEN error should have been issued using WTO.

PTT0334

ERROR UPDATING CONTROL FILE, DELETE NOT PROCESSED

Reason:

An error occurred during an attempt to update the control file.

PTT0335

CONTROL FILE UPDATE FAILED, DATASET FULL

Reason:

The requested operation failed because the control file is full.

Action:

For information about creating and copying the control file, see the product documentation.

PTT0336

CONTROL FILE UPDATE FAILED DUE TO VSAM ERROR

Reason:

An error occurred during an attempt to update the control file.

PTT0337

SYSIN PARAMETER=*parameter* ERROR: *error*

Reason:

An error was encountered during processing of a SYSIN parameter.

Action:

Correct the indicated error, and then retry the operation.

PTT0400**LOGGING INITIALIZATION IN PROGRESS XMID=xmanid.****Reason:**

Indicates that Xmanager initialization has begun the process of initializing the logging process in the indicated Xmanager address space.

Action:

None.

PTT0401**LOGGING INITIALIZATION COMPLETE FOR XMID=xmanid.****Reason:**

Indicates that Xmanager initialization has successfully completed the process of initializing the logging process in the indicated Xmanager address space.

Action:

None.

PTT0402**LOGGING TERMINATION IN PROGRESS FOR XMID=xmanid.****Reason:**

The logging process has been directed to shut down. The process has begun in the indicated Xmanager address space.

Action:

None.

PTT0403**LOGGING TERMINATION COMPLETE FOR XMID=xmanid.****Reason:**

The logging process has completed its shut down process in the indicated Xmanager address space.

Action:

None.

PTT0404

xmanid LOG INIT FAILED-PTT GLOBAL AREA NOT FOUND.

Reason:

Indicates that the logging initialization process was not set up correctly.

Action:

Look for a failure in the PTTXE3CC exit routine. The variable data in this message is the Xmanager ID.

PTT0405

message text.

Reason:

This is a general purpose message.

PTT0406

xmanid LOG INIT FAILED-NO MSW\$COMM ELEMENT FOUND.

Reason:

Indicates a failure of the Xmanager initialization or a shortage of MSW\$COMM elements in the indicated Xmanager address space.

Action:

None.

PTT0407

MONITOR STARTUP NOT REQUESTED ID=xmanid

Reason:

Indicates that the monitor task was not requested to be started during initialization via the RUNM parameter in the PTTSTART member of the *high-level*.CDBAPXMP data set.

Action:

None.

PTT0408**PTTLOG DDNAME NOT FOUND, LOGGING UNAVAILABLE.****Reason:**

The logging process was unable to open the file pointed to by the PTTLOG DD statement in the Xmanager JCL. The program can continue, but nothing can be logged.

Action:

Determine the nature of the error, correct, and then shut down and restart the Xmanager address space.

PTT0602**ERROR PROCESSING PTTSTART MEMBER OF PXMPARM ID=xmanid****Reason:**

During initialization thread terminator reads the PTTSTART member and parses the data in the file. However, one or more parsing errors occurred.

Action:

Refer to prior error messages for the exact cause of the parsing error. Correct the error and restart the XMANAGER task. Refer to the comments in the PTTSTART member and the Product documentation for details on the contents of the PTTSTART member.

PTT0603**DYNAMIC ALLOCATION ERROR DDNAME=ddname, ERROR=svc99error,
INFO=svc99info****Reason:**

A dynamic allocation error has occurred.

Action:

Attempt to dynamically allocate a data set failed. Attempt to determine the reason for the SVC99 return code information.

Ensure that the data set is specified correctly in the parmlib file, that the data set exists, and that it is available for use.

PTT0605

IFI CANCEL REQ FAILED RC=rc, REASON=reason ID=db2ssid

Reason:

An error occurred in the call attach facility while attempting to cancel a DB2 thread via the IFI interface using the DB2 -CANCEL THREAD command. The DB2 *Return and Reason Codes* are given.

Action:

Look up the DB2 reason code in the IBM DB2 *Messages and Codes* manual to determine why the CANCEL THREAD command failed. Follow the problem determination for the reason code.

PTT0606

THREAD TERMINATOR LOGGING ON SYSOUT ID=xmanid

Reason:

This is an informational message indicating that you have requested to have the PTTLOG allocated to SYSOUT and the SYSOUT DD is already allocated.

Action:

None.

PTT0607

FAILURE RETRIEVING PTTLOG DSN, ID=xmanid

Reason:

When attempting to allocate the PTTLOG data set, it was determined that the PTTLOG was already allocated to a different data set. Processing terminates.

Action:

Specify the correct data set in the PTTLOG DD of the Xmanager JCL **or** remove the PTTLOG DD and let Xmanager dynamically allocate the log file.

PTT0608**LOG TO BE ALLOCATED TO SYSOUT CLASS class ID=xmanid****Reason:**

This is an informational message indicating that the PTTLOG will be dynamically allocated with the SYSOUT class indicated.

Action:

None.

PTT0609**LOG SYSOUT ALLOCATION FAILED, ID=xmanid****Reason:**

When attempting to allocate the PTTLOG data set to the SYSOUT class indicated in message PTT0608, the allocation failed.

Action:

Ensure that the SYSOUT class specified in the PTT0608 message is a valid SYSOUT class. Correct the class value in the CDBAPXMP data set member and restart the Xmanager task.

PTT0610**ERROR PROCESSING PTTAUTH MEMBER OF PXMPARM ID=xmanid****Reason:**

During initialization thread terminator reads the PTTAUTH member and parses the data in the file. However, one or more parsing errors occurred.

Action:

Refer to prior error messages for the exact cause of the parsing error. Correct the error and restart the XMANAGER task. Refer to the comments in the PTTAUTH member and the Product documentation for details on the contents of the PTTAUTH member.

PTT0611

BAD LIST ITEM BYPASSED FOR group: item

Reason:

While parsing the user command groups (USRGRP_x) in the PTTAUTH member, an invalid list value was encountered. The invalid list value will be ignored and processing will continue.

Action:

Note that Thread Termination\Dynamic DSNZPARM commands are specified in this list and not user security groups. Refer to the comments in the PTTAUTH member and the product documentation for details on specifying valid commands to include in the USRGRP_x lists in the PTTAUTH member. Correct the invalid item and restart the XMANAGER task, if necessary.

PTT0612

LOG TO BE ALLOCATED TO DATASET dsname ID=xmid

Reason:

Indicates the Thread Terminator log will be written to the data set identified by *dsname*. The data set should be predefined as a sequential fixed block (FB) data set with an LRECL of 154. If the PTTLOG DD is not defined in the Xmanager JCL, the data set will be dynamically allocated during startup.

PTT0620

QUALIFYING THREADS EXCEED MAXIMUM, FIRST 1000 RETURNED, ID=db2

Reason:

The maximum number of threads that Thread Termination\Dynamic DSNZPARM will collect to use in holding a lock on a particular resource is 1000. There are more than 1000 DB2 threads holding lock on the resource in question.

Action:

If you wish to cancel all threads holding locks, issue the cancel request multiple times.

PTT0700

DB2 CAF TASK ABEND abendcode ENCOUNTERED, ID=ssid

Reason:

An abend occurred in the call attach facility while attempting to cancel a DB2 thread via the IFI interface using the DB2 -CANCEL THREAD command.

Action:

Refer to prior error messages and the abend code to determine a possible cause for the abend.

PTT0710

SCREEN INIT NAME/TOKEN *request* FAILED RC=*rc*

Reason:

A MVS name token services request failed. The message identifies the failing request and return code.

Action:

Contact CA Support.

PTT0711

SCREEN INIT PTILIB DCB OPEN FAILED

Reason:

An attempt to open the PTILIB DD during Xmanager initialization failed.

Action:

Examine the Xmanager JCL and verify that the PTILIB DD statement is present and references the CA Database Management Solutions for DB2 for z/OS for DB2 for z/OS load library at the correct release level.

If you cannot determine the cause of the failure, contact CA Support for assistance.

PTT0712

SCREEN INIT *table-name* TABLE LOAD FAILED, R1=xxxxxxx R15=xxxxxxx

Action:

An attempt to load a required module during Xmanager initialization failed. The R1 value contains the LOAD return code and the R15 value represents the MVS abend code related to the failing load.

Reason:

Determine the meaning of the LOAD abend code using the IBM *z/OS MVS System Codes* guide. Examine the Xmanager JCL and verify that the PTILIB DD statement is present and references the CA Database Management Solutions for DB2 for z/OS for DB2 for z/OS load library at the correct release level.

If you cannot determine the cause of the failure, contact CA Support.

PTT0721

THREAD TERMINATOR CONTROL FILE INITIALIZATION FAILED

Reason:

One or more control file parameters in the TTCFPARM member of the CDBAPARM data set is invalid.

Action:

Refer to prior parsing error messages for the TTCFPARM member to determine which parameters are invalid. Correct the invalid parameters and retry.

PTT0725

**THREAD TERMINATOR CONTROL FILE WRITE ERROR RPLREQ=X"rplreq"
RPLRTNCD=X"rplrtncd' RPLERRCD=X"rplerrcd"**

Reason:

Indicates that monitor has incurred a write error while attempting to access the control file. The message contains VSAM request and error information.

PTT0726

**THREAD TERMINATOR CONTROL FILE ALLOC FAILED, DDNAME=ddname
S99INFO=X"s99info" S99ERROR=X"s99error"**

Reason:

This message is issued as a result of control file allocation error being incurred by monitor.

Action:

Attempt to determine the reason for the SVC99 return code information.

PTT0727

**THREAD TERMINATOR CONTROL FILE DEALLOC FAILED, DDNAME=ddname
S99INFO=X"s99info" S99ERROR=X"s99error"**

Reason:

A control file deallocation error was incurred by the monitor.

Action:

Attempt to determine the reason for the SVC99 return code information.

PTT0728

THREAD TERMINATOR CONTROL FILE OPEN FAILED RC=X"rc" ACBERFLG=X"acberflg"

Reason:

This message is issued as a result of control file open error being incurred by monitor.

Action:

Attempt to determine the reason for the open return code information.

PTT0729

**THREAD TERMINATOR CONTROL FILE PUT ERROR, RPLRTNCD=X"rplrtncd"
RPLERRCD=X"rplerrcd"**

Reason:

A control file put error has been incurred by monitor.

PTT0730

INPUT THREAD MONITOR PROFILE VERSION VV.R IS NOT A SUPPORTED VERSION'

Reason:

The input thread monitor profile is not supported by this release.

Action:

Resubmit the job using a release that supports the version of the profile.

PTT1000E

UNKNOWN MESSAGE NUMBER SENT TO THE MESSAGE ROUTINE: message number

Reason:

The message processing routine was passed a message number for which there is no message defined. This is most likely an internal logic error.

Action:

Ensure that all code modules are at the same maintenance level.

PTT1001E

ERROR OPENING xxxxxxxx DATA SET, PROCESSING TERMINATED.

Reason:

An error was encountered trying to open a required data set.

Action:

Allocate the data set.

PTT1002E

'xxxxxxx' IS AN UNRECOGNIZED COMMAND.

Reason:

An invalid command was detected.

Action:

Correct the invalid command.

PTT1003E

INVALID OPERAND, 'xxxxxxx', ENCOUNTERED (LINE line #, COL column #).

Reason:

An invalid or unknown operand was detected on the specified line number at the specified column number.

Action:

Correct the operand.

PTT1004E

VALUE EXPECTED FOR OPERAND, 'xxxxxxx', BUT NONE WAS FOUND (LINE line #, COL column #).

Reason:

A value was required by the specified operand on the specified line number at the specified column number.

Action:

Specify a valid value for the operand.

PTT1005E

DUPLICATE OPERAND, 'xxxxxxx', ENCOUNTERED (LINE line #, COL column #).

Reason:

Duplicate operand detected.

Action:

Eliminate the redundant operand.

PTT1006E

VALUE FOR OPERAND 'xxxxxxx' EXCEEDS MAXIMUM LENGTH OF length (LINE line #, COL column #).

Reason:

The value you specified for an operand exceeds the maximum length.

Action:

Correct the value for the specified operand.

PTT1007E

VALUE FOR OPERAND 'xxxxxxx' NEEDS TO BE AT LEAST length CHARS LONG (LINE line #, COL column #).

Reason:

The value you specified for an operand is not long enough to be valid.

Action:

Correct the value for the specified operand.

PTT1008E

INVALID NUMERIC VALUE SPECIFIED FOR OPERAND 'xxxxxxx' (LINE line #, COL column #).

Reason:

An invalid numeric value was specified for the specified operand.

Action:

Ensure that the value specified for the specified operand is a valid numerical digit. Note that some values do not allow for percent, plus, and minus signs.

PTT1009E

VALUE FOR OPERAND 'xxxxxxx' IS LESS THAN THE MINIMUM VALUE minimum number (LINE line #, COL column #).

Reason:

The value specified for the specified operand is below the minimum value, minimum number, allowed.

Action:

Change the number value for the specified operand so that it is at or above the required minimum allowed.

PTT1010E

VALUE FOR OPERAND 'xxxxxxx' EXCEEDS THE MAXIMUM VALUE maximum number (LINE line #, COL column #).

Reason:

The value specified for the specified operand is above the maximum value allowed.

Action:

Change the number value for the specified operand so that it is at or below the required maximum allowed.

PTT1011W

CLOSING PARENTHESIS MISSING FOR OPERAND VALUE (LINE line #, COL column #).

CONTINUING WITH ASSUMED END OF VALUE.

Reason:

The value for the specified operand was specified with an open parenthesis, but the closing parenthesis is missing.

Action:

The command parser assumes a closing parenthesis and continues processing. Add the closing parenthesis to avoid this warning message.

PTT1012E

REQUIRED OPERAND, 'xxxxxxx', IS MISSING WITH NO ASSUMABLE DEFAULT VALUE.

Reason:

A required operand was not specified.

Action:

Add the operand specified in this message to the command statement.

PTT1013E

SUBSYSTEM 'DB2 subsystem name' IS NOT AN ACTIVE DB2 SUBSYSTEM.

Reason:

You requested an action be taken for subsystem DB2 subsystem name, but the DB2 subsystem is not active or is not fully initialized.

Action:

Start the DB2 subsystem or wait until the subsystem is active to issue the command.

PTT1014E

SUBSYSTEM 'DB2 subsystem name' IS NOT AN MVS DEFINED SUBSYSTEM.

Reason:

You requested an action be taken for subsystem DB2 subsystem name, but the subsystem specified is not defined to the local MVS system.

Action:

Correct the DB2 subsystem name and try again.

PTT1015E

SUBSYSTEM 'DB2 subsystem name' IS NOT AT A SUPPORTED RELEASE OF DB2 (RELEASE=DB2 release).

Reason:

You requested an action be taken for subsystem DB2 subsystem name, but the DB2 subsystem is at an unsupported release level.

Action:

Consult the installation documentation for supported releases of DB2.

PTT1016E

SUBSYSTEM 'subsystem name' IS NOT A DB2 SUBSYSTEM.

Reason:

You requested an action be taken for subsystem subsystem name, but the subsystem is not a valid DB2 subsystem.

Action:

Correct the DB2 subsystem name and try again.

PTT1017E**NO QUALIFYING THREAD FOUND FOR CANCEL REQUEST.****Reason:**

You requested to cancel a DB2 thread, but no threads were found with matching qualification data. The qualification data has been mistyped, or the thread no longer exists.

Action:

Correct the qualification data if it was mistyped.

PTT1018E**ERROR UPDATING ACTIVE LOGS. FUNCTION='function ID', RC=return code-reason code****Reason:**

You requested to add or delete an active log data set, but an error occurred while trying to process function, function ID. The return code and reason code indicate the nature of the error.

Action:

If possible, evaluate the *Return and Reason Codes* and try to correct the problem. For example, the function may have been an allocate and the return and reason code would indicate why allocation failed.

PTT1019E**ABEND abend code-reason code OCCURED WHILE UPDATING ACTIVE LOGS (FUNCTION='function ID').****Reason:**

An abend occurred while trying to add or delete an active log data set. Recovery completed to ensure integrity. The abend code indicates the value in the SDWACMPC field and the reason code the value in the SDWACRC field.

Action:

Obtain the dump output and contact Technical Support.

PTT1020E

LOGIC ERROR TRYING TO UPDATE ACTIVE LOGS. FUNCTION='function ID', RC=return code-reason code

Reason:

An internal logic error was detected while trying to add or delete an active log data set.

PTT1021W

BUFFER POOL IS NOT CURRENTLY ALLOCATED BY DB2. WILL SET MINIMUM BUFFERS TO size.

Reason:

You requested to change the size of a buffer pool that is not currently allocated. The minimum pool size will be set to the value you requested so that when DB2 does allocate the buffer pool, it will be of the desired size.

Action:

None.

PTT1022W

BUFFER POOL WILL NOT BE UPDATED BECAUSE CURRENT SIZE EQUALS REQUESTED SIZE.

Reason:

You requested to change the size of a buffer pool, but the buffer pool is already at the desired size.

Action:

None.

PTT1023E

AT LEAST ONE OF 'PLAN', 'CONN', 'CORR', OR 'AUTH' MUST BE SPECIFIED FOR CANCEL.

Reason:

You requested to cancel a DB2 thread, but have not specified any qualification data.

Action:

Specify one or more of the qualification operands and retry.

PTT1024E

INTERNAL ERROR: REQUEST CODE request code value (command) NOT FOUND IN REQUEST PROCESSOR'S TABLE.

Reason:

The command processor has built a request block with an unknown request code value. This is most likely an internal logic error.

Action:

Ensure that all modules are at the same release level.

PTT1025W

command REQUEST NOT PROCESSED BECAUSE NEW VALUE EQUALS OLD VALUE.

Reason:

The action request identified by command was bypassed because the requested value and the current value are the same.

Action:

None.

PTT1026I

command REQUEST WAS SUCCESSFULLY PROCESSED.

Reason:

The requested action has completed successfully.

Action:

None.

PTT1027E

CANNOT SET MAXIMUM BUFFER POOL BUFFERS LESS THAN THE CURRENT NUMBER OF BUFFERS ALLOCATED (current buffers allocated).

Reason:

For a DB2 V2R3 subsystem, you requested to set the buffer pool maximum size value below the current minimum value.

Action:

Set the maximum value to the minimum value, or change the minimum value before changing the maximum value.

PTT1028E

COULD NOT EXPAND BP TO MAX REQUESTED - EITHER NO DBM1 STORAGE OR AT MAX BUFFERS (DB2 RC=return code).

Reason:

You requested to increase the size of a DB2 V2R3 buffer pool, but there was not enough virtual storage in DB2's DBM1 address space to satisfy the request or the requested amount would have exceeded the maximum amount of buffers allowed. The return code is the return code from DB2's add buffer pool buffer routine. Normally, the maximum number of buffers will be adjusted to accommodate the request, but if the current number of buffers exceeds the target value (that is, a previous buffer decrease was requested but DB2 has not yet released all the buffers) then the current plus the amount requested can exceed the current maximum.

Action:

Request a smaller increase of the buffer pool, increase the size of the DBM1's extended private region when DB2 is restarted, or increase the BPMAX value.

PTT1031I

CANCEL REQUEST ISSUED FOR THREAD: PLAN=plan name CONN=connection name CORR=correlation ID AUTH=authorization ID.

Reason:

A cancel request has been issued for the thread identified by plan name, connection name, correlation ID, and authorization ID.

Action:

None.

PTT1032E

***command* ACTION NOT SUPPORTED IN DB2 RELEASE DB2 release.**

Reason:

The action you requested is not supported in DB2 release DB2 release. The command is not valid for the DB2 release, or one or more of the command parameters makes it invalid for the release indicated.

Action:

Do not attempt to change a value that is not supported by a given release of DB2.

PTT1033E

CANNOT UPDATE *command* VALUE BECAUSE THE DISTRIBUTED DATA FACILITY IS NOT INSTALLED FOR SUBSYSTEM DB2 subsystem.

Reason:

You requested to update a value relating to the distributed data facility (DDF), but DDF is not installed on DB2 subsystem.

Action:

Do not attempt to change a DDF value when DDF is not installed.

PTT1034E

CONFLICTING OR DUPLICATE OPERAND ENCOUNTERED (LINE line #, COL column #).

Reason:

The specified operand is a duplicate or is not compatible with another operand that has been specified.

Action:

Correct the syntax and try again.

PTT1035E

REQUIRED KEYWORD IS MISSING WITH NO ASSUMABLE DEFAULT VALUE.

Reason:

A required keyword is missing.

Action:

Correct the syntax and try again.

PTT1036I

INPUT: input record

Reason:

This message replicates the input cards.

Action:

None.

PTT1037E

UNABLE TO LOAD ORIGINAL COPY OF DB2 ZPARM MODULE INTO MSTR ADDRESS SPACE. LOAD R1=register 1 value, R15=register 15 value.

Reason:

In order to obtain the original ZPARM values, an original copy of the ZPARM module must be loaded into DB2's MSTR address space. However, the load request failed. The register 1 and 15 values returned from the LOAD macro are shown.

Action:

Analyze the contents of R1 and R15 to determine the cause of the load failure and correct if possible.

PTT1038I

ATTEMPTING TO (RE)INITIALIZE SCHEDULES.

Reason:

This message is issued by the scheduler during initialization and when a request to refresh the list of schedules is received.

Action:

None.

PTT1039I

SCHEDULE COMMAND: input schedule command text

Reason:

During scheduler (re)initialization, input commands are read in from the scheduler input data set and are echoed to output with this message.

Action:

None.

PTT1040W

(RE)INITIALIZATION OF SCHEDULES WAS UNSUCCESSFUL.

Reason:

During scheduler (re)initialization, one or more input statements were found to have syntax errors. The current list of schedules, if any, remain in effect.

Action:

Correct the syntax errors and refresh the list of schedules.

PTT1041I

(RE)INITIALIZATION OF SCHEDULES WAS SUCCESSFUL.

Reason:

The scheduler has just finished (re)initialization. Any schedule commands that are defined to be active for the current time will now be executed.

Action:

None.

PTT1042E

COMMAND EXCEEDS MAXIMUM LENGTH.

Reason:

The schedule command identified in preceding messages is too long.

Action:

Reformat the schedule command so that it fits on fewer lines.

PTT1043E

UNIDENTIFIED KEYWORD FOUND STARTING WITH 'string'.

Reason:

During schedule command syntax check, an unknown keyword or operand was encountered starting with the characters identified in string.

Action:

Correct the statement syntax and retry.

PTT1044E

NO VALID DAYS WERE SPECIFIED.

Reason:

No days were specified in a DAYS parameter of the SCHEDULE command.

Action:

Specify one or more days that the command should execute on in the DAYS parameter.

PTT1045E

REQUIRED KEYWORD MISSING.

Reason:

A required keyword or operand is missing from the SCHEDULE command.

Action:

Ensure that all required parameters are specified and try again.

PTT1046E

SCHEDULE FROM TIME IS NOT LESS THAN TO TIME.

Reason:

The TO time on the SCHEDULE command must be later than the FROM time specified. To span a time over midnight, you need to specify two separate commands.

Action:

Correct the time values in the FROM and TO fields and try again.

PTT1047E

DUPLICATE KEYWORD "keyword" ENCOUNTERED.

Reason:

The keyword or operand, keyword, was found more than once in the SCHEDULE command.

Action:

Eliminate the duplicate keyword or operand and try again.

PTT1048E

"COMMAND" KEYWORD MISSING.

Reason:

The COMMAND operand is missing from the SCHEDULE command.

The schedule command requires that the COMMAND operand be specified.

PTT1049E

SYNTAX ERROR IN "operand" PHRASE AT OR NEAR "string".

Reason:

The value for the SCHEDULE command operand, operand, is invalid. The command parser detected the error near the data identified by string.

Reason:

Correct the syntax error and retry.

PTT1050E

TIME EXCEEDS 24:00.

Reason:

The TIME operand in the SCHEDULE command cannot exceed midnight (24:00).

Reason:

Correct the TIME operand and retry.

PTT1051E

ENDING QUOTE IS MISSING.

Reason:

The ending quote on the text string for the COMMAND operand of the SCHEDULE command is missing. Ensure the command string in the COMMAND operand is enclosed in quotes.

Action:

Correct the syntax error and retry.

PTT1052E

"COMMAND" EXCEEDS MAXIMUM LENGTH OF 80 CHARACTERS.

Reason:

The command text in the COMMAND operand of the SCHEDULE command cannot exceed 80 characters.

Action:

Eliminate excessive blanks in the command text so that the text string is less than 80 characters.

PTT1053I

THE FOLLOWING SCHEDULED COMMAND EXECUTED AT *time* ON *date* FROM *system*.

Reason:

The scheduler detected that a scheduled command needed to be executed. The current date, time, and requesting system displays for reference.

Action:

None.

PTT1054I

command text

Reason:

This message identifies the command that is being executed by the scheduler.

Action:

None.

PTT1055I**DB2 OR SCHEDULER RESTART DETECTED.****Reason:**

The scheduler detected that the DB2 subsystem or the scheduler was restarted. It will proceed to execute any commands that are valid for the current time.

Action:

None.

PTT1056I**THE FOLLOWING THREAD WILL BE CANCELLED: PLAN=plan name CONN=connection name CORR=correlation ID AUTH=authorization ID.****Reason:**

This message identifies a thread that is going to be terminated in order to honor a free pageset request. The PLAN, CONN, CORR and AUTH identify the specific thread.

Action:

None.

PTT1057I**PAGESET SUCCESSFULLY FREED.****Reason:**

Indicates that all users, if any, of a particular pageset were successfully purged in order to free the requested pageset.

Action:

None.

PTT1058I

PAGESET IS NOT ALLOCATED TO DB2.

Reason:

A request was received to free a pageset of all lock holders. The pageset was not currently allocated to DB2, or the pageset has been freed of all users and the pageset has since been successfully stopped and is now not currently allocated to DB2. This is normal message.

Action:

None.

PTT1059E

INTERNAL ERROR: IRLM SUBSYSTEM NOT FOUND.

Reason:

The request processor was unable to locate the IRLM subsystem. This is due to internal logic error or a system problem.

PTT1060E

CANCEL WAIT TIME EXCEEDED. PAGESET NOT FREED.

Reason:

A request to free a pageset could not be honored because one or more threads would not terminate. This could be due to a long running thread performing backout or high activity occurring on a reusable thread.

Action:

Cancel the user by other means, such as canceling a batch job, and retry.

PTT1061I

DB2 messages

Reason:

The requested action resulted in a DB2 command being executed in order to satisfy the request. The resulting DB2 messages are displayed with this message. The DB2 command is identified in a prior message.

Action:

None.

PTT1062E

ERROR PROCESSING DB2 COMMAND CALL. DB2 RETURN CODE return code REASON CODE reason code.

Reason:

A requested action resulted in a DB2 command being executed in order to satisfy the request. However, an error occurred trying to execute the command. The DB2 return code and reason code are specified.

Action:

Refer to *DB2 Messages and Codes* manual and follow the action specified for the reason code.

PTT1063I

EXECUTING DB2 COMMAND: DB2 command text

Reason:

The requested action resulted in a DB2 command being executed in order to satisfy the request. The text of the command that will be issued is identified in this message.

Action:

None.

PTT1064E

BPID DOES NOT CONTAIN A VALID VALUE (BP0-BP49, BP32K-BP32K9).

Reason:

The BPID operand does not contains a valid value. The BPID should be from BP0 to BP49, and BP32K to BP32K9.

Action:

Correct the BPID operand and retry.

PTT1065E

ABEND abend code-reason code OCCURRED WHILE PROCESSING EXIT REFRESH FUNCTION "function ID".

Reason:

An abend was encountered while trying to refresh a DB2 user exit. The abend and reason code are given. A system dump is requested.

Action:

If the dump is the result of a user abend (such as a security 913 abend), then correct the problem and retry.

PTT1066E

ERROR OCCURRED TRYING TO LOAD USER EXIT. LOAD R15=LOAD register 15 value R0=LOAD register 0 value.

Reason:

An error occurred trying to load the user exit from the library specified. Registers 0 and 15 from the LOAD function are displayed. Register 15 normally indicates a return code, and register 0 indicates the type of abend.

Action:

Identify the abend from register 0 and correct the causing problem if possible.

PTT1067E

ERROR OCCURRED TRYING TO OPEN USER EXIT LOAD LIBRARY. OPEN RC=OPEN return code value.

Reason:

An error occurred trying to open the user exit load library.

Action:

Ensure the library is a valid load library and that the DB2 address spaces have proper authority to access the library.

PTT1068E

ERROR OCCURRED TRYING TO ALLOCATE USER EXIT LIBRARY. ALLOC R15=dynamic allocation return code R0=dynamic allocation reason code.

Reason:

An error occurred trying to allocate the load library specified.

Action:

Ensure that the library specified is valid and is available for allocation to the DB2 address spaces. Refer to the dynamic allocation *Return and Reason Codes* for details.

PTT1069E

GENERAL ERROR TRYING TO PERFORM EXIT REFRESH FUNCTION "function ID".

INTERNAL RC=return code.

Reason:

An internal error occurred trying to replace a user exit routine. The internal function ID and return code is given.

PTT1070E

INTERNAL ERROR ENCOUNTERED. ERROR NUMBER=internal error ID.

Reason:

A general internal error occurred trying to process a request.

PTT1071I

LOG DATA SET SUCCESSFULLY ADDED.

Reason:

The ADDLOG command was successfully processed.

Action:

None.

PTT1072I

LOG DATA SET SUCCESSFULLY DELETED.

Reason:

The DELLOG command was successfully processed.

Action:

None.

PTT1073E

SET SYSPARM CHANGE FAILED REASON CODE *reason*

Reason:

An internal error occurred during SET SYSPARM simulation processing.

Action:

Contact CA Support.

PTT1074I

EXIT ROUTINE SUCCESSFULLY REPLACED.

Reason:

The requested exit was successfully replaced in DB2.

Action:

None.

PTT1075E

CONINUATION LINE NOT FOUND.

Reason:

An input line contained the continuation character, but a continuation line was not found.

Action:

Remove the continuation character if it is not needed. Otherwise, finish the statement and retry.

PTT1076W

SET COMMAND NOT SPECIFIED. STATEMENT BYPASSED.

Reason:

A SET command was encountered but no other data was found. The empty SET statement will be bypassed.

Action:

Remove the empty SET statement to avoid a warning message.

PTT1077E

PRODUCT CODE NOT SPECIFIED.

Reason:

No product code has been specified in a PRODCODE parameter of a DEFAULTS statement. A product code is required for processing to continue.

Action:

Ensure that a valid product code is specified on a DEFAULTS statement and retry.

PTT1078I

command REQUEST WAS SUCCESSFULLY PROCESSED. OLD VALUE = old character data, NEW VALUE = new character data.

Reason:

The command, command, was processed successfully. The prior value is identified by old character data and the new value is indicated by new character data.

Action:

None.

PTT1079I

**command REQUEST WAS SUCCESSFULLY PROCESSED. OLD VALUE = old number value,
NEW VALUE = new number value.**

Reason:

The command, command, was processed successfully. The prior value is identified by old number value and the new value is indicated by new number value.

Action:

None.

PTT1080W

**VALUE FOR PREVIOUS REQUEST WAS RESET TO THE MINIMUM ALLOWED -
REQUESTED VALUE WAS BELOW THE DB2 MINIMUM.**

Reason:

The value requested would have been below the minimum allowed by DB2. Therefore, the value was processed at the DB2 minimum. This is normally a result of a delta or percent type change request which cannot be detected at syntax check time.

Action:

None. The value has been set to the minimum.

PTT1081W

**VALUE FOR PREVIOUS REQUEST WAS RESET TO THE MAXIMUM ALLOWED -
REQUESTED VALUE WAS ABOVE THE DB2 MAXIMUM.**

Reason:

The value requested would have been above the maximum allowed by DB2. Therefore, the value was processed at the DB2 maximum. This is normally a result of a delta or percent type change request which cannot be detected at syntax check time.

Action:

None. The value has been set to the maximum.

PTT1082E**BP0 SIZE SPECIFIED IS BELOW THE DB2 MINIMUM.****Reason:**

The value requested for BP0 is below the minimum allowed. BP0 requires at least a set number (number depends on the DB2 release) of buffers.

Action:

Correct the buffer pool size value for BP0 and retry.

PTT1083E**THE SIZE SPECIFIED FOR A NON-4K BUFFER POOL IS ABOVE THE DB2 MAXIMUM.****Reason:**

The value requested for a non-4 KB buffer pool is above the maximum allowed. Non-4 KB buffer pools cannot have as many buffers as 4 KB buffer pools.

Action:

Correct the buffer pool size value for the non-4 KB buffer pool and retry.

PTT1084E**INCORRECT PREFETCH VALUE SPECIFIED FOR A NON-4K BUFFER POOL.****Reason:**

The prefetch value requested for a non-4K buffer pool is invalid. It should be 0, 2 or 4 for a 32 KB buffer pool; 2, 4 or 8 for a 16 KB buffer pool; or 4, 8 or 16 for a 8 KB buffer pool.

Action:

Correct the prefetch value and retry.

PTT1085E

INCORRECT PREFETCH VALUE SPECIFIED FOR A 4K BUFFER POOL. VALUE SHOULD BE 8, 16, 32, or 64.

Reason:

The prefetch value requested for a 4K buffer pool is invalid. It should be 8, 16, 32, or 64. 64 is valid for DB2 V8 and above.

Action:

Correct the prefetch value and retry.

PTT1086E

COULD NOT CHANGE THE PREFETCH VALUE FOR BUFFER POOL buffer pool name BECAUSE IT IS NOT ALLOCATED.'

Reason:

The request to change the prefetch value for a buffer pool could not be honored because the buffer pool is not currently allocated.

Action:

Wait until DB2 allocates the buffer pool (or request data from a pageset that uses the buffer pool) and retry.

PTT1087E

DDCS ESCAPE CHARACTER SPECIFIED, "escape character", IS NOT A VALID SPECIAL CHARACTER.

Reason:

The escape character is not valid. It can be any non-alphanumeric value except the percent sign () or an underscore (_) character. A value of X will internally be interpreted as a blank.

Action:

Change the escape character to a valid value and retry.

PTT1089E

COULD NOT ADD ACTIVE LOG DATA SET BECAUSE IT HAS ALREADY BEEN ADDED.

Reason:

You requested to add an active log data set, but the active log data set is already available for DB2 to use.

Action:

Allocate a new log data set using a different name than the ones already in use by DB2 and retry.

PTT1090E

COULD NOT DELETE ACTIVE LOG DATA SET BECAUSE IT DOES NOT EXIST.

Reason:

You requested to delete an active log data set, but the data set specified is not allocated or used by DB2.

Action:

Reason:

Change the data set name to one that is in use by DB2 and retry.

PTT1091E

CANNOT ADD COPY 2 DATA SET IN A SINGLE LOG SYSTEM.

Reason:

You requested to add a copy 2 data set, but the DB2 subsystem is using single logging.

Action:

If you intended to add the data set to log copy 1, then change the copy parameter. Otherwise, you'll have to restart DB2 with dual logging to add a copy 2 data set.

PTT1092E

CANNOT ADD ACTIVE LOG BECAUSE MAXIMUM NUMBER OF LOGS HAS BEEN REACHED.

Reason:

You requested to add an active log data set, but the maximum number of logs has already been reached.

If you need more active log space, you can delete some of the existing logs, reallocate them with more space, then add them back.

PTT1093E

DATE LENGTH IS NOT VALID (0, 10-254).

Reason:

You requested to change the current local date length, but specified an invalid value.

Action:

Change the value to be 0 or in the range of 10 to 254.

PTT1094E

TIME LENGTH IS NOT VALID (0, 8-254).

Reason:

You requested to change the current local time length, but specified an invalid value.

Action:

Change the value to be 0 or in the range of 8 to 254.

PTT1095E

INVALID RESTART VALUE SPECIFIED.

Reason:

You specified an invalid option on the RESTART parameter of the FREE pageset command.

Action:

Change the value to be NONE, UT, RO, RW or FORCE.

PTT1096E**CANNOT DELETE THE CURRENT ACTIVE LOG DATASET.****Reason:**

You requested to delete the current log data set, but you are not allowed to delete the current log data set.

Action:

Request to delete another non-current active log data set, or switch the current log through the ARCHIVE LOG DB2 command and retry.

PTT1097E**CANNOT DELETE A FULL ACTIVE LOG DATASET THAT HAS NOT BEEN OFFLOADED WITHOUT THE FORCE OPTION.****Reason:**

You requested to delete an active log data set that has not been offloaded yet.

Action:

Wait until the log data set has been offloaded, or use the FORCE option on the DELLOG command to force delete the log data set.

PTT1098I**THE FOLLOWING COMMAND EXECUTED AT *time* ON *date* BY USER *user* JOB *jobname* SYSTEM *system id* FOR *db2 subsystem*.****Reason:**

This message informs you that an online user has issued a command request on the date and time identified. The system ID identifies the LPAR/sy/stem from which the request originated. The text of the command and command results should follow this message.

Action:n

None.

PTT1100W

BUFFER POOL CANNOT DROP BELOW ORIGINAL MINIMUM VALUE. SIZE HAS BEEN RESET TO ORIGINAL MINIMUM.

You requested to resize a 2.3 buffer pool below its original minimum value which is not allowed. The buffer pool has been resized to the original minimum value.

ActionReason:

None.

PTT1104E

ABEND OCCURRED PROCESSING REQUEST.

RC=abend code-reason code

Reason:

An abend occurred trying to process your request. The abend completion code and reason code are given.

A dump was taken to the system dump data set if available.

PTT1105E

ABEND OCCURRED PROCESSING SCHEDULES.

ABEND RC=abend code - reason code.

RETRY x OF y.

Reason:

An abend occurred in the scheduler. The retry count has not been exceeded so the scheduler will recover and continue processing. The abend completion code and reason code are given.

PTT1106E

COULD NOT FREE EDM POOL TO FULL AMOUNT BECAUSE NOT ENOUGH FREE PAGES IN EDM POOL.

Reason:

You requested to reduce the size of the EDM pool, but there were not free enough pages in the EDM pool to honor the request to the full amount. All available free pages have been deleted.

Action:

You may request to reduce the size of the EDM pool after more DB2 activity has caused additional free pages to become available.

PTT1107E

COULD NOT FREE EDM POOL TO FULL AMOUNT DUE TO LACK OF FREE EDMP CONTROL BLOCKS.

Reason:

In order to reduce the size of the EDM pool, there must be a sufficient number of free EDMP control blocks available in DB2's pool of EDMP control blocks. If the pool of free EDMP control blocks becomes exhausted, then no more pages can be freed. Some pages were able to be freed, but not enough to fulfill the request. The number of pages freed will be indicated in another message.

Action:

Retry the request after more EDM pool activity has taken place. If new objects are added or deleted from the EDM pool, DB2 may add or free up some EDMP control blocks.

PTT1108E

COULD NOT FREE EDM POOL PAGES BECAUSE THERE ARE NO FREE PAGES IN THE EDM POOL.

Reason:

You requested to reduce the size of the EDM pool, but there were no free pages in the EDM pool to honor the request.

Action:

You may request to reduce the size of the EDM pool after more DB2 activity has caused enough free pages to become available.

PTT1109E

COULD NOT EXPAND EDM POOL DUE TO LACK OF PRIVATE AREA STORAGE IN DBM1 ADDRESS SPACE.

Reason:

You requested to increase the size of the EDM pool, but there was not enough virtual storage in the DBM1 address space to honor the request.

Action:

You can request to increase the size by a smaller amount. Otherwise, you will have to restart DB2 with a larger region size.

PTT1110E

COULD NOT EXPAND EDM POOL DUE TO NO FREE EDMP CONTROL BLOCKS BEING AVAILABLE.

Reason:

In order to increase the size of the EDM pool, there must be a sufficient number of free EDMP control blocks available in DB2's pool of EDMP control blocks. If the pool of free EDMP control blocks becomes exhausted, then you cannot add any more pages.

Action:

Retry the request after more EDM pool activity has taken place. If new objects are added or deleted from the EDM pool, DB2 may add or free up some EDMP control blocks.

PTT1111E

COULD NOT FREE EDM POOL PAGES DUE TO NO FREE EDMP CONTROL BLOCKS BEING AVAILABLE.

Reason:

In order to reduce the size of the EDM pool, there must be a sufficient number of free EDMP control blocks available in DB2's pool of EDMP control blocks. If the pool of free EDMP control blocks becomes exhausted, then you cannot free any pages.

Action:

Retry the request after more EDM pool activity has taken place. If new objects are added or deleted from the EDM pool, DB2 may add or free up some EDMP control blocks.

PTT1113E**STORED PROCEDURE TIMEOUT VALUE IS NOT VALID (NOLIMIT, 5-1800)****Reason:**

You requested to change the current stored procedure timeout value, but an invalid value was specified.

Action:

Change the value to be 0 or in the range of 5 to 1800 (or specify NOLIMIT).

PTT1114W**STDSQL VALUE OF YES IS NOT VALID FOR DB2 V2 OR V3. STDSQL OF 86 USED INSTEAD.****Reason:**

You requested to change the default standard SQL value to YES, which is not valid for DB2 V2 or DB2 V3. A value of 86 has been substituted instead.

For DB2 V2 and V3, use 86 instead of YES.

PTT1116E**BPID DOES NOT CONTAIN A VALID VALUE (BP0-BP49).****Reason:**

The BPID operand does not contains a valid value. The BPID should be from BP0 to BP49.

Action:

Correct the BPID operand and retry.

PTT1117E**YOU CANNOT CHANGE THE CHECKPOINT FREQUENCY TYPE USING AN OFFSET VALUE.****Reason:**

You have requested to change the checkpoint frequency from minutes to a number of log records or vise versa, and you requested the change be an offset of a percentage change from the current value which is not allowed.

Action:

When changing the checkpoint frequency type, use a specific value and do not use a percentage or offset value.

PTT1118E

THERE IS INSUFFICIENT VIRTUAL STORAGE IN THE DB2 MSTR ADDRESS SPACE TO CHANGE THE OUTBUFF SIZE AS REQUESTED.

Reason:

You have requested to change the active log output buffer size, but there is not enough virtual storage in the DB2 MSTR address space to obtain the new buffer area.

Action:

Try requesting a smaller buffer area.

PTT1119I

ACCESS CONTROL AUTH EXIT INITIALIZATION INVOKED: RC=xxxxxxx, EXPLRC1=xx, EXPLRC2=xxxxxxx (EXIT ENABLED).

Reason:

You have requested to refresh the access control authorization exit and it has been successfully refreshed and the exit is currently enabled. The following return codes are from the exit routine when invoked for initialization: RC is the contents of R15 after the exit returned control (in hex), EXPLRC1 is the contents of the exit parameter list return code field (in decimal), and EXPLRC2 is the contents of the exit parameter list reason code field (in hex).

Action:

None.

PTT1120W

ACCESS CONTROL AUTH EXIT INITIALIZATION INVOKED: RC=xxxxxxx, EXPLRC1=xx, EXPLRC2=xxxxxxx (EXIT DISABLED).

You have requested to refresh the access control authorization exit and it has been successfully refreshed, but the exit is currently disabled due to the return codes during exit initialization. The following return codes included in this message are from the exit routine when invoked for initialization: RC is the contents of R15 after the exit returned control (in hex), EXPLRC1 is the contents of the exit parameter list return code field (in decimal), and EXPLRC2 is the contents of the exit parameter list reason code field (in hex).

Action:

If you did not intend for the exit to be disabled. You need to check the return codes from the exit routine and modify the routine as needed so that a return code of zero is returned.

PTT1121I**DB2 RESTART DETECTED FOR xxxx.****Reason:**

The scheduler has detected a restart of the identified DB2 subsystem and will process any scheduled changed for that subsystem.

Action:

None.

PTT1122E**SCHEDULER IS NOT ACTIVE.****Reason:**

You have requested to perform some function that requires the scheduler to be active, but the scheduler is currently stopped.

Action:

If the scheduler should be active, use the user interface panels or the Xmanager modify command to start the scheduler.

PTT1123E**SCHEDULER IS ALREADY ACTIVE.****Reason:**

You have requested to start the scheduler, but the scheduler is already active.

Action:

If you need to refresh the current set of schedules, then use the schedule refresh option. Optionally, you may stop and restart the scheduler.

PTT1124I**SCHEDULER TERMINATED.****Reason:**

A stop request was received by the scheduler, and the scheduler has successfully terminated.

Action:

None.

PTT1125I

ALLOCATING SCHEDULE DATA SET xxxxx.

Reason:

The scheduler is attempting to dynamically allocate the identified data set in order to initialize or refresh the schedules.

Action:

None.

PTT1126E

**SCHEDULE DATA SET ALLOCATION FAILED. R15="routine rc" DYNAMIC ALLOC
RC=return code - reason code.**

Reason:

The scheduler was unsuccessful in attempting to dynamically allocate the data set identified in message PTT1125I.

Action:

Ensure that the data set name is correct and that it is available for allocation to the Xmanager address space. Refer to the dynamic allocation return code and reason code as to why the allocation failed.

PTT1127E

XMANAGER ADDRESS SPACE IS NOT ACTIVE.

Reason:

An attempt to connect to and use a service requiring the Xmanager address space failed because the Xmanager is not active.

Action:

Ensure that the Xmanager address space is started and running without any errors. If so, ensure that the Xmanager ID is defined correctly in the PTIPARM data set.

PTT1128E**XMANAGER REQUEST FAILED WITH ABEND. RECOVERY SUCCESSFUL.****Reason:**

An attempt to connect to and use a service requiring the Xmanager address space failed due to an abend.

Action:

Collect all output from the Xmanager address space and the user interface, if applicable. If the abend is not correctable, contact Technical Support.

PTT1129E**UNAUTHORIZED REQUEST. EXTERNAL SECURITY CHECK FAILED.****Reason:**

You attempted to perform a function for which you are not authorized. External security check was attempted, but failed.

Action:

If you need to perform the function requested, contact your product administrator for access. The product administrator will need to authorize your ID for access to the requested function via external security. Refer to the product documentation for details on using external security.

PTT1130E**UNAUTHORIZED REQUEST. PLAN SECURITY CHECK FAILED FOR PLAN plan name
RC=return code - reason code.****Reason:**

You attempted to perform a function for which you are not authorized. Internal plan security checking was attempted, but failed.

Action:

If you need to perform the function requested, contact your product administrator for access. The product administrator will need to authorize your ID for access to the plan name specified. Refer to the product documentation for details on using plan security. The DB2 return code and reason code are given to identify the reason for failure.

PTT1131E

THREAD TERMINATOR READPARM FAILURE FOR PARMLIB MEMBER PTT

Reason:

You attempted to perform a function that requires information from the PTIPARM parmlib data set. The requested action failed because the data set is not allocated, contains invalid data, or member PTT is not present.

Action:

Ensure that the correct parmlib data set is allocated and that it contains valid members including a valid PTT member.

Note: For more information about the parmlib data sets, see the product installation documentation.

PTT1132I

BATCH PROCESSING COMPLETE MAX RC=return code.

Reason:

Batch processing of commands has completed with a maximum return code as indicated.

Action:

None.

PTT1133I

BATCH INVOCATION EXECUTED AT *time* ON *date* BY USER *user* JOB *job* SYSTEM *system ID*.

Reason:

This message lets you know that a batch interface has been started on the date and time identified. The system ID identifies the system on which the batch job is executing. The text of any commands to be processed and the command results should follow this message.

Action:

None.

PTT1134E**COMMAND NOT AUTHORIZED TO BE EXECUTED FROM A CONSOLE****Reason:**

An MVS console modify command was issued to execute a SET statement from the console. However, the SET statement command has not been authorized to be executed from a console.

Action:

If you need to issue the SET statement command from the console, you need to update the CONSOLE parameter of the PTTAUTH member in the XMANAGER parmlib data set. See the product documentation for details on setting up and issuing SET statement commands from the console.

PTT1137E**ERROR CHANGING EDMPOOL SIZE. FUNCTION='function ID', RC=return code-reason code****Reason:**

You requested to change the EDM pool size, but an error occurred while trying to process function *function ID*. The return code and reason code indicate the nature of the error.

PTT1138E**ABEND *abend code-reason code* OCCURED WHILE CHANGING EDMPOOL SIZE (FUNCTION='function ID')****Reason:**

An abend occurred while trying to change the size of the EDM pool. Recovery was attempted to ensure integrity. The abend code indicates the value in the SDWACMPC field and the reason code the value in the SDWACRC field.

Action:

Obtain the dump output and contact Technical Support.

PTT1139I

**COMMAND *command id* EXECUTING ON REMOTE SUBSYSTEM *db2 subsystem id*
SYSTEM *system id* FROM SYSTEM *remote system id*.**

Reason:

This message indicates that a request from *remote system id* is executing on *system id* for DB2 subsystem *db2 subsystem id*. The command being processed is identified by *command id*.

This message is issued for a request to process a command for a DB2 subsystem that resides on a system other than the system from which the command was requested.

Reason:

None.

PTT1140E

REMOTELY SCHEDULED COMMANDS ARE NOT SUPPORTED.

Reason:

This message indicates that a scheduled command was requested for a remote DB2 subsystem. This is not supported.

Action:

Instead of trying to have a scheduled command for a remote subsystem, add the command to the set of scheduled commands on the system for which the DB2 subsystem resides. This will ensure that scheduled commands are executed if the DB2 subsystem is restarted.

PTT1141E

ERROR CONVERTING DATA TO UNICODE. CSMCHRCV RC=*return code*-*reason code*.

Reason:

During an attempt to convert the input data to unicode, an error was returned from CA's unicode conversion service (CSMCHRCV). A return code and reason code (in decimal) are returned from the service.

Action:

Collect the complete set of returned output messages, and then contact Technical Support.

PTT1142E**DB2 CAF ERROR: "error description"****Reason:**

Indicates that a Call Attach facility error has occurred. The error description portion of the message is replaced with a brief description of the error.

Action:

Review the content of the error message and take corrective actions to eliminate the problem.

PTT1143E**REQUESTED ZPARM VALUE IS NOT SUPPORTED FOR DB2 RELEASE release.****Reason:**

Indicates that the value requested for the ZPARM is not allowed for the "release" of DB2 indicated in the message text. Refer to the online help or User Guide for a list of valid values for the release specified.

Action:

Specify a value that is valid for the release of DB2. If the requested value is valid by DB2 standards, but is not supported by dynamic ZPARM update, contact CA technical support to see if it is possible for dynamic ZPARM update to support the desired value.

PTT1144E**THREAD TERMINATOR MAKECOMM ERROR****Reason:**

Indicates that an error has occurred in the initialization of a Thread Terminator API. This is most likely an install related error.

Action:

Verify that the correct CA DB2 products libraries are specified, parmlib, loadlib, and so on as described in the product installation documentation.

PTT1145E

THREAD TERMINATOR PRODUCT NODE NOT FOUND

Reason:

Indicates that an error has occurred in the initialization of a Thread Terminator API. This is most likely an install related error.

Action:

Verify that the correct CA DB2 products libraries are specified, parmlib, loadlib, and so on as described in the product installation documentation.

For assistance, contact CA Support at <http://ca.com/support>.

PTT1146E

SCHEDULER MODIFY REQUEST "req id." COULD NOT BE AUTHORIZED, DEFAULT SDB2 PARM NOT SUPPLIED.

Reason:

An error occurred attempting to authorize a request to manage the Thread Terminator scheduler.

Action:

Verify that a default subsystem ID has been supplied in the SDB2 parameter of the PTTAUTH member in the *high-level.CDBAPXMP* library. This subsystem ID is used to authorize Manager Scheduler modify requests.

Note: For more information about setting up and managing schedules, see the *Thread Termination\Dynamic DSNZPARM User Guide*.

PTT1147E

NUMERIC VALUE SPECIFIED NOT A MULTIPLE OF 4.

Reason:

You specified an invalid value for the Default Partition SEGSIZE parameter.

Action:

Specify a value from 0 through 64 that is a multiple of 4.

PTT1148E**REQUESTED VALUE IS NOT A VALID ROLE NAME.****Reason:**

You specified an invalid role identifier for the Security ADMIN 1 or Security ADMIN 2. The role identifier cannot begin with SYS or cannot be any of the following values:

- ACCESSCTRL
- DATAACCESS
- DBADM
- DBCTRL
- DBMAINT
- NONE
- NULL
- PACKADM
- PUBLIC
- SECADM
- SQLADM

Action:

Specify a valid role identifier.

PTT1149E**REQUESTED VALUE IS TOO LONG FOR AN AUTHID TYPE.****Reason:**

You specified an AUTHID that is more than eight characters.

Action:

Specify an AUTHID that is eight characters or less.

PTT1150E

CANNOT SET TYPE TO ROLE, CURRENT VALUE NOT VALID ROLE NAME

Reason:

You changed the value of the Security ADMIN Type 1 or 2 to ROLE. The current Security ADMIN 1 or Security ADMIN 2 value is not a valid role name. The role identifier cannot begin with SYS or cannot be any of the following values:

- ACCESSCTRL
- DATAACCESS
- DBADM
- DBCTRL
- DBMAINT
- NONE
- NULL
- PACKADM
- PUBLIC
- SECADM
- SQLADM

Action:

Specify a valid role identifier before changing the type to ROLE. For assistance, contact CA Support at <http://ca.com/support>.

PTT1151E

CANNOT SET TYPE TO AUTHID, CURRENT VALUE TOO LONG.

Reason:

You changed the value of the Security ADMIN Type 1 or 2 from ROLE to AUTHID. When the Security ADMIN Type is set to AUTHID, the corresponding Security ADMIN value cannot be longer than eight characters.

Action:

Specify a valid AUTHID of eight characters or less and then set the corresponding Security Admin Type to AUTHID. For assistance, contact CA Support at <http://ca.com/support>.

PTUIX Messages

Messages with the PTUIX prefix are WTO messages that are generated from general facilities used by CA Fast Load and CA Rapid Reorg.

PTUIX10E

ESA@ <stgaddr> xID <IDvalues> Error getting RID size

Reason:

The utility could not find the RID size for an index because it could not find the DBD for the associated database. This error can happen when the DBD is being rebuilt or the index is stopped. This message can also indicate an internal error. Processing continues with a default RID size.

This message provides the following information:

Stgaddr

Indicates the hex address of ECSA storage for PI communication.

Example: 16BE0000

IDvalues

Provides hex values (DBID, OBID, PSID, key length, and RID length) that identify the index.

Example: 0318,0010,0011,0077,0005

Action:

If the job ends with a return code 4 or less, run a CHECK INDEX job to verify that the index is correct.

If the return code is greater than 4, follow standard recovery procedures to recover the index.

If the errors continue, save the output listing and DB2 MSTR log and contact CA Support.

PTUIX24W

ESA@ <addr> xID <obj ids> Index update error, Retrying <rsncode>

Reason:

An error occurred while the utility was trying to perform index inserts or deletes.

The message variables are as follows:

- <addr>—Hex address of the ECSA block
- <obj ids>—Group of hex values for the index object

Example: 0573,000A,000B,0006,0004

- 0573 = DBID
- 000A = OBID
- 000B = PSID
- 0006 = Key length
- 0004 = RID length

- <rsncode>—Hex reason code return by DB2

The utility retries the update. If all the retries fail, then the index update task quits, a message is issued stating that the update failed, and the job ends with a return code of 16.

Action:

No action is required if the retries are successful. However, if you consistently get these messages, consider increasing the index's buffer pool or running the load when the system is less busy.

PTUIX44W

ESA@ <addr> SDUMP RC: <returncode>

Reason:

An SDUMP (SVC DUMP) was requested. If the <returncode> value is blank or missing, then the SVC DUMP was successful and a dump was written to one of the system dump data sets. If a <returncode> value is present, it is the hex value returned from the SDUMP macro.

Action:

Check the documentation for SDUMP to determine what the return code means. Common return codes are '00000208' (another dump in progress) and '00000408' (dump suppressed).

PTUIX46E

ESA@ <addr> Enter ESTAEX <address>

Reason:

An ABEND occurred while the processor was executing the PI update code. The ABEND is trapped and a return and reason code are returned. If you specified MSG-DUMP (*PI), an SDUMP is requested. If you did not specify MSG-DUMP (*PI), this message is the only indication that an ABEND occurred.

Action:

If a dump was taken, save it. Also save the job output and the DB2 MSTR message log, then contact Technical Support for assistance.

PTUIX48E

ESA@ <addr> Task was canceled.

Reason:

The job was canceled by the user or by an automated process.

Action:

No action is required. This message verifies that the PI update code detected the cancel and is ending in a normal manner.

PTUIX50E

ESA@ <addr> Quit requested.

Reason:

A task has ended and all PI tasks are now signaled to end.

Action:

No action is required. This message verifies that the PI code is ending in a normal manner. It is accompanied by another message which indicates that a task has failed or quit.

Chapter 3: PUT to QRFM

PUT Messages

Messages with the PUT prefix are generated from general facilities used by several products, including: CA InfoRefiner, CA Data Compressor, CA Fast Check, CA Fast Index, CA Fast Load, CA Fast Recover, CA Fast Unload, CA LogCompress, CA Merge/Modify, CA Partition Expert, CA Quick Copy, and CA Rapid Reorg.

PUT0000I

CA-DB2 Utilities Version &versionION Started

Reason:

This is an informational message that let you know that the CA DB2 utilities have started, as well as the stating the current utilities version number.

PUT0001E

SYSIN DDNAME missing or failed OPEN

Reason:

The DD name specified in the SYSIN failed open.

Action:

Check the spelling of the name.

PUT0002E

Critical error message DDNAME missing

Reason:

There is a DD statement missing from the job.

PUT0003E

PTILIB DDNAME missing or failed OPEN

Reason:

The PTLIB DD name is missing from the job.

Action:

Correct the job and resubmit.

PUT0004W

Status check for Database: *&dbNAME* Tablespace: *&tsname* failed

Reason:

The tablespace named in this error message has an invalid status.

Action:

To see the status of the object being copied, include the ALLMSGs keyword in the syntax.

PUT0005E

No Tables found in Tablespace

PUT0005E - &MSG

PUT0005E - CBLD initialization error

Reason:

Your request to run a utility against a table cannot be completed since there are no tables in the selected tablespace.

PUT0005W

No Tables found in Tablespace, REORG will continue

Reason:

The REORG continues despite no tables being found in the tablespace being REORGED.

Action:

No further action is required.

PUT0006I

Initialization Complete - *dd mmm yyyy hh:mm:ss*

Reason:

This message indicates that the initialization is complete.

dd

Specifies current day.

mmm

Specifies current month.

yyyy

Specifies current year.

hh

Specifies current hour.

mm

Specifies current minutes.

ss

Specifies current seconds.

Action:

None.

PUT0007E

Processing Terminated due to CHECK option

Reason:

Utility processing has been terminated.

PUT0008E

Module DSNHDECP not found

Action:

For assistance, contact CA Support at <http://ca.com/support>.

PUT0009E

PARM field on Execution Card is formatted incorrectly

Reason:

The PARM field on the EXEC card is not formatted correctly.

PUT0010E

SUMMARY message DDNAME is missing

Reason:

The ddname that supplies the summary messages is missing from your job.

PUT0011E

Storage Acquisition Failed in module *&module*

Reason:

Not enough storage is available. One possible problem is many discarded records during a reorg or load.

Action:

Try increasing your region size or reducing the number of I/O buffers.

PUT0012E

SVC 99 Error Return Code: *&rc*

S99ERROR: *&ERR*

PUT0012e - S99INFO: *&INF*

DDNAME: *&ddname*

Module: *&module*

Reason:

The message text includes the SVC99 reason code as well as the DD name where the error occurred.

Action:

Attempt to determine the cause of the error.

PUT0013W

Warning: utility being executed is not purchased

Reason:

This message appears during install if you have not purchased the CA Fast Utilities. No additional messages are written to the Job Log and no LMP violation is logged. This warning message can be ignored *if it occurs during install*.

However, if attempts are made to use the CA (at is not purchased) *after install*, messages are then written to the JOB LOG and an LMP violation is logged.

PUT0014E

CAF Error: &CAFMSG

Reason:

The product's attempt to use the DB2 Call Attach Facility has failed.

Action:

Contact your system administrator to investigate the error indicated by the message text. This message usually indicates that the product has not been installed correctly.

PUT0015E

SYSTABLES Update Failed with SQLCODE -&SQLRC

PUT0015E - SYSTABLESPACE Update Failed with SQLCODE -&SQLRC

Reason:

The update of SYSTABLES or SYSTABLESPACE failed for the reason given by the SQL error code.

PUT0016E

Catalog Access SQL Error, SQLCODE -&SQLRC

Reason:

The displayed SQL error message was encountered when trying to access the DB2 catalog. The SQL error code supplies the reason for the failure.

PUT0017I

Tablespace in STOP PENDING Mode - Utility will Retry

Reason:

The utility encountered a tablespace that requires further processing. The tablespace is in stop pending (STOPP) mode, or it is stopped but the buffers are not yet externalized and the locks are not yet released.

Action:

No action is required. The utility retries to process the tablespace.

PUT0018I

Invoking Utility &UTIL - Statement Number: &STEP

Reason:

Indicates invoked utility and step number of the utility statement in a multi step job.

Action:

None.

PUT0019I

Elapsed Time: *hh:mm:ss - dd mmm yyyy hh:mm:ss*

Reason:

This message displays the elapsed time for the Utility phase.

dd

Specifies current day.

mmm

Specifies current month.

yyyy

Specifies current year.

hh

Specifies current hour.

mm

Specifies current minutes.

ss

Specifies current seconds.

Action:

None.

PUT0020E

Tablespace Dataset failed Allocation

PUT0020E - Tablespace Dataset failed Allocation: &dsn

PUT0020E - Return Code: &rc

Reason Code: &rsn

Info Code: &info

Module: &module

Reason:

Dynamic allocation/deallocation of the data set has failed. The return code, reason code, info code, data set name, and ddname are listed. Reason:

Action:

See the IBM *DB2 Messages and Codes* manual to determine the reason for the allocation or deallocation failure.

PUT0021E

VSAM dataset OPEN Failure

Reason:

Due to environmental conditions, the data set could not open or data set deallocation has failed.

Action:

Contact your MVS Systems Programmer.

PUT0022E

ACB/RPL Generation Error in module *&module*

Reason:

An error has occurred in generating an ACB or RPL macro.

PUT0023E

VSAM GET error in module *&module*

Reason:

The utility encountered a VSAM GET error when it was reading a tablespace data set.

Action:

Look up the return code and reason code in the IBM VSAM Systems Macros manual.

PUT0024E

SPACEMAP Page is not valid

Reason:

Because the spacemap page is not valid, the utility terminates processing.

PUT0025E

VSAM PUT error in module *&module*

Reason:

The utility encountered a VSAM PUT error in the module named in this message.

PUT0026E

The Operational State for this DB2 Dataset is &STAT which is invalid for this Utility

Reason:

The operational state named in this message is due to the running of a previous utility on the data set.

PUT0026E

The Operational State for this DB2 Dataset is &STAT which is invalid for this Utility

Reason:

The operational state named in this message is invalid for the utility you are running.

PUT0028W

**LOCKS / CLAIMS prevent acquisition of control for utility processing
Waiting for LOCKS / CLAIMS to be released**

Reason:

The utility cannot stop or quiesce the object because a lock or claim on the tablespace or index has not been released. Processing continues.

PUT0029E

LOCKS / CLAIMS prevent utility from proceeding

Reason:

Processing cannot continue because there is a lock or claim on the object that the utility is trying to stop or quiesce.

PUT0030E

IFI failed, Return Code: &rc

Reason Code: &reas

Reason:

DB2 IFI failed.

Action:

Use the displayed return and reason codes from DSNWLI (IFI Interface) to diagnose the problem.

Note: For code information, see the IBM *DB2 Messages and Codes* manual.

PUT0031E

Initialization of DB2 Environment Failed

Reason:

An attempt to set up the utility environment has failed.

PUT0032E

Invalid RESTART Parameter

Reason:

The parameter you have supplied with RESTART is invalid.

PUT0033E

PARMLIB entry &MSGWTO is invalid

Reason:

The value for the specified parameter in the UTIL parmlib member is invalid.

PUT0034I

Application lacks MVS APF Authorization

Reason:

The program is not being executed from an APF authorized library; therefore, it does not have the necessary authorities for execution.

PUT0035E

An error occurred determining the RO Share status for the Tablespace

Reason:

An error occurred when the utility was attempting to determine the READ ONLY share status for the tablespace indicated in the message.

PUT0036E

Catalog error during Header Page Build

Reason:

The utility encountered an error in the system catalog while attempting to build a header page.

PUT0037E

**RESTART TABLE ACCESS ERROR - SQL ERROR CODE: sql_return_code INTERNAL
FUNCTION CODE: function_code**

Reason:

The utility could not access the RESTART table. The error message gives an SQL return code and internal function code that explains the reason for the error.

PUT0038W

**Invalid PART number from DISPLAY prevents processing to continue - Retrying
DISPLAY**

Reason:

The utility cannot stop the tablespace because an invalid PART number was returned from the DISPLAY. This message is a warning. Processing continues.

PUT0039E

Invalid PART number from DISPLAY prevents processing from continuing

Reason:

The utility cannot continue processing because an invalid PART number was returned from the DISPLAY.

PUT0040E

Restart Table Retry Failure - either Retries Exhausted or Retries not valid for this Function

Reason:

Either the maximum number of retries have been reached or retry attempts are not valid for this SQL function.

Action:

See message PUT0037E.

PUT0041I

PDASTATS &VER. Processing Starting

Reason:

PDASTATS processing has started for the specified version.

Action:

None.

PUT0042I

QUIESCE &VER. Processing Starting

Reason:

Quiesce processing has started for the specified version.

Action:

None.

PUT0043I

**DB2 SSID: &SSID., DB2 Ver: &DV..&DR. &DS.
Z/OS Ver: &V..&R..&M., &DF Ver: &V..&R..&M.**

Reason:

This message shows the DB2 subsystem ID and the versions of DB2, z/OS, and DFP or DFS being used in the job.

Action:

None.

PUT0048E

Error initializing UNICODE Conversion Services in CSECT &MODULE - RC = &RC

Reason:

CA utility code was unable to initialize UNICODE Conversion Services.

PUT0049W

Deadlock encountered trying to Access the History Table. Retrying Access

Reason:

Indicates that the utility was not able to update the HISTORY table.

PUT0050I

History LOG Record created - UTILITY ID: &UTILID

Reason:

This is an informational message that lets you know that a history log record has been created.

Action:

No further action is required.

PUT0051E

STOGROUP &NAME contains no physical volumes

Reason:

The STOGROUP named in this message does not contain any physical volumes.

PUT0052E

No STOGROUPS found

Action:

The utility could not find any storage groups. Check if the tablespace can allocate more space or if there are no more volumes in the storage group. If you are not using VOLUMES ('*') in the STOGROUP, you can REMOVE volumes and then ADD them again.

PUT0053W

History LOG SYSIN data was truncated at 1600 bytes.

Reason:

A history record was received that is larger than the PUT_CMD_TEXT column of the CA history table. The record was truncated and saved.

Action:

None.

PUT0054E

&CAPMSG

Return Code: *&rc*

Reason Code: *&reas*

Module: *&module*

Reason:

An error occurred in the module named in this message. The return code and reason code provide explain the reason for the error.

PUT0055E

History LOG SQL error, SQLCODE: -&SQLCD

Reason:

The utility encountered an error with the history log. The SQL error code provided in this message explains the reason for the error.

PUT0056E

Object is not Partitioned

Reason:

You have specified a partition number for this object and the object is not partitioned.

Action:

Check the object definition and change the utility syntax.

PUT0057E

**Partitioned Tablespace contains no Partitioning Index
ie (Empty)**

Reason:

The partitioned tablespace you specified does not contain a partitioning index.

Action:

Create a partitioned index on the table and then rerun the job.

PUT0058E

Selected Index does not exist on this System

Reason:

The index you specified in the utility syntax was not found on the subsystem the job is being executed on.

Action:

Check the name of the index.

PUT0059E

Selected Table does not exist on this System

Reason:

The table you specified in the utility syntax was not found on the subsystem the job is being executed on.

Action:

Check the name of the table.

PUT0060E**Unexpected Conversion Services Error in CSECT &MODULE
Return Code &RC, Reason Code &RS****Reason:**

An unexpected failure occurred in UNICODE Conversion Services.

Action:

The probable return codes, reason codes, and their respective reason and required action are as follows:

Return Code	Reason Code	Reason	Action
4	6	A non-convertable character was in the control cards.	Identify and correct the control card character.
4	7	An incomplete character was found in the control cards.	Identify and correct the control card character.
8	*	Internal error.	Contact Technical Support.
12	1	z/OS conversion environment is not set up.	Contact your systems group.
12	2	z/OS conversion services are not available	Contact your systems group.
16	*	Internal system error.	Contact Technical Support.
32	4	Insufficient storage is available.	Adjust the REGION allotted to the job and resubmit.
32	8	Insufficient CSA storage is available.	Contact your systems group.
32	12	Virtual memory error.	Contact your systems group.
32	16	Internal program storage error.	Contact Technical Support.

If the code is not listed or you are unable to resolve the problem, contact Technical Support.

PUT0061E**Dataset RECALL failed for *&dsn*****Reason:**

RECALL has failed for the specified data set. The data set was not able to be recalled.

Action:

Attempt to recall manually and restart.

PUT0062E**VSAM Extended Addressability not supported for *&dsn*****Reason:**

VSAM extended addressability is not supported for the specified data set.

Action:

Do not attempt to use VSAM extended addressability for the data set in question.

PUT0062W**An EA Dataset:*&dsn* is defined with no *&smsclass* specified****Reason:**

An EXTENDED-FUNCTION or EXTENDED-ADDRESS VSAM data set is being defined without one or more of the following SMS classes because NO is specified in the parmlib member:

- SMS-DATAClass
- SMS-STORClass
- SMS-MGMTClass

Action:

If no ACS rules preclude the use of these SMS classes, set the defaults to YES or NO, depending on what classes cannot be specified for the user who is submitting the reorg.

PUT0063E

VSAM Extended Function not supported for *&dsn*

Reason:

VSAM extended function is not supported for the specified data set.

Action:

Do not attempt to use VSAM extended function for the data set in question.

PUT0070E

Failure occurred during Dataset STATUS Setting

Reason:

The data set status could not be set.

PUT0072E

&flag* Pending Flag(s) could not be DISABLED because *&MSGTXT

Reason:

The flag name provided in this message could not be disabled. The reason for this is given in the error message.

PUT0092E

Syntax Error on or near location *&LOC*

Reason:

A syntax error occurred on or near column number *&LOC* in the error message.

Action:

Correct the statement syntax.

PUT0093E

STOGROUP *&STONAME* exceeds 133 volumes

Reason:

The storage group named in this message exceeds the maximum number of volumes allowed.

PUT0094E**Catalog Scan Error - GETMAIN failed****Reason:**

A getmain was attempted and failed because there was not enough available storage or memory.

Action:

The region size should be increased.

PUT0095W**Tablespace placed in CHECK PENDING: &dbTSNAME****Reason:**

The specified tablespace is in check pending (CHKP) mode due to potential referential integrity or table check constraints. Processing continues even if the tablespace has constraint violations.

This message is issued with return code 4.

Action:

After the job finishes processing, use CA Fast Check to run a FASTCHECK DATA control statement against the tablespace. CA Fast Check detects and reports violations of referential and table check constraints. You can then correct the violations.

Note: For more information about using FASTCHECK DATA and correcting constraint errors, see the *CA Fast Check User Guide*.

PUT0096E**START failed for CHECK PENDING process: &dbTSNAME****Reason:**

The START for the check pending process failed for the tablespace named in this message.

PUT0097E

SYSTABLES updated for: *&tname*
PUT0097I - SYSTABLES updated for: *&tname*

Reason:

SYSTABLES has been updated for the table named in this message.

Action:

This message is informational only. No further action is required.

PUT0098E

SYSTABLESPACE updated for: *&dbTSNAME*
PUT0098I - SYSTABLESPACE updated for: *&dbTSNAME*

Reason:

SYSTABLESPACE has been updated for the tablespace named in this message.

Action:

This message is informational only. No further action is required.

PUT0099E

Duplicate keyword on or near location *&LOC*

Reason:

A keyword on or near the column number *&LOC* has already been specified.

Action:

Correct the syntax, deleting one instance of the keyword and resubmit the job.

PUT0100I

Utilities *V&ver* PARMLIB Options in effect for *&PROD*
PUT0100I *&parmOPT*
PUT0100I - * = PARMLIB Override Possible

Reason:

The parmlib options named in this message are in effect for the utility.

Action:

This message is informational only. No further action is required.

PUT0101E**Invalid keyword on or near location &LOC****Reason:**

Indicates that you have specified an invalid keyword on or near the specified location.

Action:

Correct the syntax and resubmit the job.

PUT0103E**FIRST RECORD IS NOT A UTILITY KEYWORD****Reason:**

The parser requires that utility control statements begin with a utility statement.

Action:

Ensure that the SYSIN control statements for all utility jobs start with a utility statement.

PUT0104E**Database/Tablespace Name format error****Reason:**

The utility encountered a format error with the database/tablespace.

Action:

Verify the database/tablespace name.

PUT0105E**Index Name format error****Reason:**

The utility encountered a format error with the index name.

Action:

Verify the name of the index.

PUT0106E

PARTITION FORMAT ERROR

Reason:

The utility encountered a partition format error. Too many partitions specified in the syntax.

DB2 releases before V8 allow no more than 254. DB2 V8 allows 4096.

Action:

Verify the number of partitions is correct for the DB2 release you are running and fix the formatting as needed.

PUT0107E

Partition must be ALL or numeric

Reason:

The partition number value must be a valid integer or ALL.

Action:

Correct the partition number value and resubmit the job.

PUT0108E

Table Name format error

Reason:

An error was encountered in the table name format.

Action:

Correct the table name and resubmit the job.

PUT0110E

Individual Partitions not valid for TABLESPACE-INDEX or TABLE-INDEX

Reason:

The PART keyword has been specified for TABLESPACE-INDEX or TABLE-INDEX.

Action:

Remove the PART keyword from the syntax.

PUT0111E

Storage Acquisition failed - Detected in module &MODULE

Reason:

Not enough storage is available. This could be a result of too many discarded records during REORG or LOAD.

Action:

Increase your region size or reduce the number of I/O buffers.

PUT0113I

Expanding LISTDEF &LDE. &TYPE. Entries

Reason:

Indicates the expansion of the listdef entries.

Action:

None.

PUT0114E

No &TYPE. entries for LISTDEF &LDE.

Reason:

No tablespace entries for in the list.

Action:

Review the LISTDEF entries.

PUT0115I

PDASTATS Processing Ended - Return Code - &RC

Reason:

The PDASTATS processing ended with the specified return code.

Action:

None.

PUT0116I

QUIESCE Processing Ended - Return Code - &RC

Reason:

The utility QUIESCE processing ended with the specified return code.

Action:

None.

PUT0117I

&UTILITY Processing Ended - Return Code - &RC

Reason:

The named utility (&UTILITY) processing ended with the specified return code.

PUT0119E

LISTDEF Processing Terminated

Reason:

LISTDEF processing encountered errors that caused the termination of the utility.

Action:

Review the job output to determine the reason for LISTDEF process termination.

PUT0120E

Unable to expand Listdef &LDF. Objects

Reason:

Indicates that the utility was unable to expand the LIST.

Action:

Determine if the LIST is unavailable.

PUT0121E**PDA Authorization Failed Contact Tech Support****Reason:**

Your site may not have a current CA Database Analyzer license.

Action:

For assistance, contact CA Support at <http://ca.com/support>.

PUT0121W**Dataset in use - Delete failed****Reason:**

This is a warning message stating that a data set is in use. The DELETE failed.

PUT0122W**Dataset in use - Attempting RETRY****Reason:**

This is a warning message stating that a data set is in use. A retry is attempted.

PUT0123E**Unable to QUIESCE Object(s)****Reason:**

The utility was unable to QUIESCE the objects.

Action:

Review the job output to determine the reason for the QUIESCE failure.

PUT0124I**Listdef &LDE. includes &TYPE. &DB..&TS.****Reason:**

This is an informational message that indicates the included List entry.

Action:

None.

PUT0125I

Resolving LISTDEF &LDF. FROM DDNAME &DDN.

Reason:

Indicates that the utility is attempting to resolve the list name from the specified LISTDEF ddname.

Action:

None.

PUT0126I

Returning from Resolving LISTDEF &LDF. FROM DDNAME &DDN

Reason:

Indicates the return of the utility from resolving the list name from the specified LISTDEF ddname.

Action:

None.

PUT0127I

Listdef &LDF. contains &CNT. Objects

Reason:

Specifies the number of objects included in the list.

Action:

None.

PUT0128I

Listdef &LDF found in SYSIN

Reason:

A duplicate LISTDEF name was found in the SYSIN.

Action:

LISTDEF processing does not allow duplicate list names. Remove the duplicate and resubmit.

PUT0128W**SORTNUM too high for SORT package - Value reset to maximum****Reason:**

The value specified for SORTNUM is higher than the maximum value allowed by your sort package. The SORTNUM has been reset to the maximum value allowed.

Action:

None.

PUT0129E**Recursion Error - Listdef &LDF Refers to itself****Reason:**

The LISTDEF name refers to itself.

Action:

Correct the syntax and resubmit the job.

PUT0130E**Listdef &LDF. not found in SYSIN or DDNAME &DDN****Reason:**

The list name specified is not found in the SYSIN or LISTDEF ddname.

Action:

Make sure the specified list name has been created.

PUT0131I**Error Converting &FR. SYSIN to &TO.**

Return Code:&RC., Reason Code:&RS. Parsing Continues.

Reason:

Indicates that a conversion error occurred when converting from one CCSID to another.

Action:

None.

PUT0132E

**Error Initializing MVS Conversion Services
for converting UNICODE CCSID 1208 to EBCDIC CCSID 37
Return Code:&RC., Reason Code:&RS.**

Reason:

An error occurred initializing the MVS conversion services for converting Unicode SYSIN to EBCDIC.

Action:

Contact your system administrator.

PUT0133E

Invalid STARTUP-ACCESS parameter specified

Reason:

An invalid value has been specified for STARTUP-ACCESS.

Action:

Ensure STARTUP-ACCESS is one of the following: RESET, RW, RO, FORCE, or STOP.

PUT0134I

SYSIN detected as UNICODE UTF-8 (CCSID 1208)

Reason:

The SYSIN is in Unicode format.

Action:

None.

PUT0135E

LISTDEF Internal Buffer Exhausted

Reason:

The utility encountered an internal buffer overrun during LISTDEF processing.

Action:

For assistance, contact CA Support at <http://ca.com/support>.

PUT0136I**Primary restart rows deleted****Reason:**

The restart row was deleted from the primary restart table. This row is deleted automatically when a job completes successfully because the restart row is no longer needed.

This message can also be issued when job processing terminates with an error, depending on the error type.

Action:

If the job completed successfully, no action is required. If the job terminated with an error, other messages are issued to indicate the cause of the error. For more information, see those messages.

PUT0137W**TERM utility failed. User may need to terminate utility &UTIL****Reason:**

Utility failed to terminate.

Action:

Issue the following command manually:

```
TERM UTIL
```

PUT0138I**FOLLOWING COMMAND ISSUED AT dd mmm yyyy hh:mm:ss****Reason:**

This message is issued if ALLMSGs YES is specified. See the command following this message for more information.

dd

Identifies the day of the month.

mmm

Identifies the month.

yyyy

Identifies the year.

hh:mm:ss

Identifies the time in hours (hh), minutes (mm), and seconds (ss).

Action:

None. This message is informational only.

PUT0141E

LISTDEF/LISTDEFDD not valid with AUTO-RESTART NO

Reason:

AUTO-RESTART YES must be specified in the UTIL parmlib member when the CA utility syntax includes LISTDEF, an OPTIONS LISTDEFDD override, or LIST.

Action:

Change AUTO-RESTART to YES in the UTIL parmlib member and resubmit the job.

PUT0147I

\$ORTPARM: VSCORE: &VSCORE.K VSCORET: &VSCORET.K

Reason:

This informational message for SYNCSORT users lists the sort parameter values used with dynamic allocation of the \$ORTPARM DD data set. The VSCORE value is taken from the parmlib parameter SORT-APPLSIZE value. For the VSCORET parameter, the SORTSIZE value from the job (or the value of the parmlib parameter SORT-SORTSIZE) is used.

PUT0148E

DBD build error

Reason:

There was an error attempting to build a copy of a DBD. An SVC dump with the title 'PTGL700 - DBD BUILD ERROR' was captured.

PUT0149E

DBD OBDRU area missing

Reason:

There is an error in the DBD.

PUT0150E

Error(s) found for Tablespace *&parm*

PUT0150E - Error(s) found for Tablespace *&parmA* Partition *&parmB*

Reason:

Errors have been found in the process of auditing tablespace tablespace-name. Subsequent error messages indicate the nature of the errors.

PUT0151E

Error(s) found for page *&parm*

Reason:

Errors have been found. The page number is the actual hexadecimal representation of the page number as found in the PGNUMBER field of the page.

PUT0152E

Invalid data: *&parm*

Reason:

The invalid data detected by the audit process is printed in this message. The data is printed in its hexadecimal form and varies in length depending on the nature of the error. The preceding message or messages describe the nature of the error.

Action:

See the explanation of the preceding message for a description of the data printed in this message.

PUT0155E

Partition number for page is invalid. Partition number is out of range.

Reason:

The partition number encoded in the PGNUMBER field of the page is not valid for the tablespace. The partition number occupies a variable number of bits in the PGNUMBER field, as described in DB2 Diagnosis and Reference. The bit configuration found exceeded the maximum partition number as indicated in SYSIBM.SYSTABLESPACE. The data printed in the succeeding PUT0152E message is the three byte PGNUMBER field.

PUT0156E

I/O Error Flag is on in flag byte of page

Reason:

The flag bit indicating an I/O error for the page is on in the PGCOMB byte of the page. The data printed in the succeeding PUT0152E message is the one byte PGCOMB field.

PUT0157E

Inconsistent Data Flag is on in flag byte of page

Reason:

The flag bit indicating an I/O error for the page is on in the PGFLAGS byte of the page. The data printed in the succeeding PUT0152E message is the one byte PGFLAGS field.

PUT0158E

Page Header does not match page trailer

Reason:

The flag bit in the PGCOMB field did not match the trailer byte for the page. The data printed in the succeeding PUT0152E message is the one byte PGFLAGS field.

PUT0159E

Invalid page type

Reason:

The page type encoded in the PGFLAGS field is invalid. The data printed in the succeeding PUT0152E message is the one byte PGFLAGS field.

PUT0160E

DBID in Header Page does not match DBID in SYSTABLESPACE

Reason:

The DBID found in the HPGDBID field of the header page for the tablespace did not match the SYSIBM.SYSTABLESPACE value for the DBID. The data printed in the succeeding PUT0152E message is the two byte HPGDBID field.

PUT0161E**PSID in Header Page does not match PSID in SYSTABLESPACE****Reason:**

The PSID found in the HPGPSID field of the header page for the tablespace did not match the SYSIBM.SYSTABLESPACE value for the PSID. The data printed in the succeeding PUT0152E message is the two byte HPGPSID field.

PUT0162E**OBID in Header Page does not match OBID of Table in the Tablespace****Reason:**

The OBID found in the HPGROID field of the header page for the tablespace did not match the SYSIBM.SYSTABLESPACE value for the OBID. The data printed in the succeeding PUT0152E message is the two byte HPGROID field. This message occurs when there is exactly one table in the tablespace as indicated by HPGTBLC.

PUT0163E**OBID in Header Page does not match OBID of Tablespace****Reason:**

The OBID found in the header page for the tablespace did not match the SYSIBM.SYSTABLESPACE value for the OBID.

Action:

Reorg the tablespace to correct the problem and run the job again.

Until the tablespace can be reorged, setting the AUDIT level to 0 in your CA Quick Copy syntax will allow the job to finish.

PUT0170E**The number of SPACEMAP entries is invalid****Reason:**

The value for the maximum number of spacemap entries for the spacemap, as found in the FOSMNENT field, was not the correct value for the tablespace. This value is dependent on the tablespace type, page size, and so on, as documented in DB2 Diagnosis and Reference. The data printed in the succeeding PUT0152E message is the four byte FOSMNENT field.

PUT0171E

Last Used Entry in Non-Segmented SPACEMAP exceeds maximum

Reason:

The value for the last used spacemap entry, as found in the FOSMLENT, was greater than the maximum number of spacemap entries, as found in the FOSMNENT field. The data printed in the succeeding PUT0152E message is the four byte FOSMLENT field.

PUT0172E

Segment Size in page does not match DB2 Catalog

Reason:

The segment size, as found in the SEGSIZE field of the spacemap page, did not match the value found in SYSIBM.SYSTABLESPACE. The data printed in the succeeding PUT0152E message is the two byte SEGSIZE field.

PUT0173E

SEGNUM is not correct for the SEGSIZE and PAGE SIZE

Reason:

The number of segment entries for a spacemap, as found in the SEGNUM field of the spacemap page, did not correspond to the value for the segment size and page size, as documented in DB2 Diagnosis and Reference. The data printed in the succeeding PUT0152E message is the one byte PGFLAGS field.

PUT0174E

SEGFREE is invalid. It must be less than SEGNUM

Reason:

The number of free segments in the range covered by the spacemap, as found in the SEGFREE field of the spacemap, was greater than the maximum number of segments covered by the spacemap, as found in the SEGNUM field of the spacemap. The data printed in the succeeding PUT0152E message is the two byte SEGFREE field.

PUT0175E

SEGFREE is invalid. It does not match number of free segments found.

Reason:

The number of free segments tabulated in the SEGFREE field does not match the number of free segments as determined by tallying up the segments indicated as free on the segment chains for the spacemap. The data printed in the succeeding PUT0152E message is the two byte SEGFREE field.

PUT0176E

SEGMENT is invalid. It must be less than SEGNUM

Reason:

The value for the lowest possible free segment entry, as found in the SEGMENT field of the spacemap, is greater than the maximum number of segments for the spacemap page, as indicated in the SEGNUM field. The data printed in the succeeding PUT0152E message is the two byte SEGMENT field.

PUT0177E

SEGMENT is on multiple segment chains

Reason:

A segment was found on more than one segment chain of the spacemap. The data printed in the succeeding PUT0152E message is the four byte segment number field, as found in the last chain it was detected on.

PUT0178E

First Segment is on multiple segment chains

Reason:

The first segment in a chain was found on multiple segment chains in the spacemap. The data printed in the succeeding PUT0152E message is the four byte segment number.

PUT0179E

Segment table ID does not match any Table within the Tablespace

Reason:

The OBID of the segment owner, as indicated by the SEGOBID field of the segment entry, is not an OBID found in the DB2 catalog for this tablespace. The data printed in the succeeding PUT0152E message is the two byte SEGOBID field.

PUT0180E

- All segments in a chain do not have the same OBID

Reason:

A segment chain with segments owned by more than one OBID was found for the spacemap. All segments in a chain must belong to the same OBID. The data printed in the succeeding PUT0152E message is the four byte segment number of the first segment of the chain.

PUT0181E

- Segment is not on a segment chain

Reason:

A segment was found which did not exist on a segment chain. All segments must be found on exactly one chain. The data printed in the succeeding PUT0152E message is the four byte segment number of the first segment of the chain.

PUT0185E

- The number of Anchor Points in data page should be zero

Reason:

The PGNANCH field of a data page was found to contain a non-zero value. The data printed in the succeeding PUT0152E message is the one byte PGNANCH field.

PUT0186E

- Offset to contiguous free space is too large

Reason:

The value indicating the offset in the data page to the largest contiguous free space, as found in the PGFREEP field, exceeds the maximum offset allowable. The PGFREEP value must be less than the last used MAPID. The data printed in the succeeding PUT0152E message is the two byte PGFREEP field.

PUT0187E

- Offset to large hole is too large

Reason:

The value indicating the offset in the data page to the large hole, as found in the PGHOLE1 field, exceeds the maximum offset allowable. The PGHOLE1 value must be less than the last used MAPID. The data printed in the succeeding PUT0152E message is the two byte PGHOLE1 field.

PUT0188E

- Field on large hole chain is not a large hole

Reason:

The large hole chain for the data page, indicating available free space areas 5 bytes or longer in length, contains an element which is not a large hole. The data printed in the succeeding PUT0152E message is the four byte offset of the invalid record in the page.

PUT0189E

- MAPID on free MAPID chain is not a free MAPID

Reason:

A MAPID on the free MAPID chain is not marked as a free MAPID. The data printed in the succeeding PUT0152E message is the two byte MAPID field of the MAPID containing the invalid pointer.

PUT0190E

- MAPID on free MAPID chain is greater than 25

Reason:

A MAPID on the free RID chain is greater than the maximum allowable value for a RID. The data printed in the succeeding PUT0152E message is the two byte MAPID field of the MAPID containing the invalid pointer.

PUT0191E

**- OBID in data row does not match OBID
of a Table within the Tablespace**

Reason:

A row in the data page contains an OBID which is not found in the DB2 catalog for this tablespace. The data printed in the succeeding PUT0152E message is the 6 byte record header.

PUT0192E

**- Row points to a MAPID but the MAPID
does not point back to the row**

Reason:

A data page row contains a MAPID pointer which does not contain the offset of the data page row. The data printed in the succeeding PUT0152E message is the 6 byte record header.

PUT0193E

- Unknown record type found

Reason:

A data page record was found to contain an invalid type indicator. Valid types include normal record, overflow record, pointer record, large hole, and small hole.

The data printed in the succeeding PUT0152E message is the 6 byte record header.

PUT0194E

- SPACEMAP MODBIT is off and data page MODBIT is on

Reason:

A data page modify bit was found to be turned on in the PGFLAGS byte, but the corresponding spacemap bit is not on. This will cause subsequent updates to the data page to be missed in an incremental copy. The data printed in the succeeding PUT0152E message is the one byte PGFLAGS field.

PUT0195E

- SPACEMAP MODBIT is on and data page MODBIT is off

Reason:

A data page modify bit was found to be turned off in the PGFLAGS byte, but the corresponding spacemap bit is on. This will cause subsequent incremental copies to include unnecessary pages. The data printed in the succeeding PUT0152E message is the one byte PGFLAGS field.

PUT0196E

- Pointer record does not point to an overflow row

Reason:

A pointer record in a data page was found for which no corresponding overflow record was found. The data printed in the succeeding PUT0152E message is the RID of the pointer record

PUT0197E

- Overflow row does not have a pointer record which points to it.

Reason:

An overflow record in a data page was found for which no corresponding pointer record was found. The data printed in the succeeding PUT0152E message is the RID of the overflow record.

PUT0198E

- Invalid record found in data page

Reason:

During a data page scan for a Level 2 Audit, a record was found that did not match any documented DB2 record type. The data printed in the succeeding PUT0152E message is the 6 byte record header.

PUT0199E

Incorrect PGFREE on the data page

Reason:

There is an incorrect PGFREE on the data page.

PUT0200E

MAPID ON FREE ID MAP CHAIN IS BROKEN.

Free ID MAP chain is broken. A MAPID on the free IDMAP chain does not contain the valid last free MAPID.

Reason:

A MAPID on the free IDMAP chain does not contain the valid last free MAPID.

PUT0201E

MAPID not found for Overflow Versioned Row

Reason:

The utility was performing AUDIT 1 or AUDIT 2 processing for a universal tablespace that contains versioned pages. However, the utility encountered an error when it attempted to identify the MAPID of an overflow row. Processing stops.

Action:

This is an internal error. Contact CA Technical Support.

PUT0205E

INVALID VALUE FOR \$SYNC, MUST BE 3 DIGITS, 000 999

Reason:

You have specified an invalid value for \$SYNC. The value must be a three-digit number between 000 and 999.

PUT0206E

INVALID UTILITY NAME *name*

Reason:

The utility name is incorrect. Check the spelling.

PUT0207E

FAILURE BUILDING UTILITY ID

Reason:

The utility ID of the job could not be built.

PUT0208E

LOAD FAILURE FOR *name*

Reason:

The object named in this message could not be loaded. Check the output for additional messages to decipher the cause of the problem.

PUT0209E

ERROR ON name

MSG: *message* RETURN CODE: *return_code*

REASON CODE: *reason_code*

Action:

Verify the DB2 subsystem is properly defined in the SETUPxx member of CDBAPARM. If this is under Data Sharing, all members and the group attach name must be properly defined. Also verify consistency between ENVDEF, PTISYSxx and SETUPxx to verify the correct parmlib members are being utilized as expected. The STATUS command from the DB2 Products Main Menu may assist with verifying the expected parmlib members are being utilized.

PUT0210W

INPUT FILE EMPTY, RETURN CODE: 4

Reason:

Since the input file was empty, this warning message results.

Action:

Check the input file.

PUT0220E

Keyword TEMPLATE requires a Template-Name

Reason:

The TEMPLATE keyword must be followed by a template name.

Action:

See the IBM documentation for valid TEMPLATE syntax.

PUT0221E

&KEYWORD value exceeds max length of &LENGTH characters

Reason:

The value for the named keyword exceeds the allowed maximum length.

Action:

See the IBM documentation for valid TEMPLATE syntax.

PUT0222E

Invalid DISP parm, DISP requires 3 positional parameters enclosed within parenthesis

Reason:

The DISP parameter must specify all three parameters (status, normal termination, and abnormal termination).

Action:

See the IBM documentation for valid TEMPLATE syntax.

PUT0223E

Invalid keyword for Template encountered

Reason:

An invalid keyword was specified for the TEMPLATE control statement.

Action:

See the IBM documentation for valid TEMPLATE syntax.

PUT0224E

Keyword &KEYWORD requires an integer value

Reason:

The named keyword requires an integer value.

Action:

See the IBM documentation for valid TEMPLATE syntax.

PUT0225E

Invalid &KEYWORD value specified

Reason:

The value that was specified for the named keyword is not valid.

Action:

See the IBM documentation for valid TEMPLATE syntax.

PUT0226E

Invalid RECFM value, valid values are F,V,FB,VB

Reason:

The RECFM keyword was specified with an invalid value.

Action:

Specify a valid value for RECFM (F, V, FB, or VB) and resubmit the job.

PUT0227E

Keyword &KEYWORD requires a value

Reason:

A value was not specified for the named keyword.

Action:

See the IBM documentation for valid TEMPLATE syntax.

PUT0228E

Unbalanced parenthesis for keyword &KEYWORD.

Reason:

The syntax for the named keyword is missing a parenthesis.

Action:

Correct the syntax and resubmit the job.

PUT0229E

zero token length returned from UTMTOKEN FUNCTION=GET

Reason:

This is an internal error.

Action:

Contact Technical Support for assistance.

PUT0230E

Error processing UNIT keyword, EDTINFO macro RC = &RC.

Reason:

This is an internal error that is encountered when the EDTINFO macro is executed.

Action:

Contact Technical Support for assistance.

PUT0231E

Number of Volumes specified exceeds max of 255

Reason:

The VOLUMES keyword requires that the list of volumes be enclosed within parentheses and be limited to 255 volumes.

Action:

Correct your VOLUMES syntax and resubmit the job.

PUT0232E

Duplicate template &TEMPLATE found in &TEMPLDD

Reason:

More than one template control statement has been defined using the same template name.

Action:

See the IBM documentation for valid TEMPLATE syntax.

PUT0233E

Expecting keyword 'TEMPLATE', found ' &KEYWORD '

Reason:

When you submit a job that processes a template data set, the first keyword in the data set or member must be TEMPLATE.

Action:

See the IBM documentation for valid TEMPLATE syntax.

PUT0234I

SYSTEMPL DD found in JCL, processing SYSTEMPL dataset

Reason:

This informational message indicates that default template DD SYSTEMPL is being processed because it was defined in the JCL.

Action:

No action required.

PUT0235E

Error encountered reading Template DD &DDNAME

Reason:

An error was encountered when attempting to read the data set defined for a template DD. The job output may contain other error messages that identify the problem.

Action:

Examine the JCL and verify that a valid data set or member name was specified.

PUT0236E

INTERNAL ERROR: UTA#SYM: ERROR FROM ASASYMBM, RC= &RC.

Reason:

This is an internal error.

Action:

Contact Technical Support for assistance.

PUT0237E

INTERNAL ERROR: UTA#SYM: ERROR FROM TIME MACRO, RC= &RC.

Reason:

This is an internal error.

Action:

Contact Technical Support for assistance.

PUT0238E

INTERNAL ERROR: Unknown Utility NAME for UTILNAME Symbolic

Reason:

This is an internal error. The &UTILNAME variable was specified in the DSN expression, but no utility name was available.

Action:

Contact Technical Support for assistance.

PUT0239E

TemplateDD &TEMPLDD contains invalid input : ' &KEYWORD '

Reason:

Invalid data was encountered when processing a TEMPLATE control statement.

Action:

See the IBM documentation for valid TEMPLATE syntax.

PUT0240E

TemplateName ' &TEMPLATE ' Not Found within Active list

Reason:

A template name in a utility statement was not found for the current active template data set.

Action:

Identify the correct template DD in the OPTIONS control statement and resubmit the job, or provide the TEMPLATE control statement in the SYSIN for the template name used by the utility.

PUT0241E

Keyword &KEYWORD must be specified

Reason:

The named keyword must be specified for TEMPLATE.

Action:

See the IBM documentation for valid TEMPLATE syntax.

PUT0242E**BatchSubsystem requires LRECL and RECFM****Reason:**

The SUBSYSname keyword requires the LRECL and RECFM keywords.

Action:

See the IBM documentation for valid TEMPLATE syntax.

PUT0243E**Batchpipe Subsystem not specified, LRECL and RECFM ignored****Reason:**

The LRECL and RECFM keywords are valid only with SUBSYS.

Action:

Either remove LRECL and RECFM from your syntax or insert SUBSYS, and resubmit the job.

PUT0244E**RETPD and EXPDL are mutually exclusive****Reason:**

The RETPD (retention period) and EXPDL (expiration date) keywords are mutually exclusive.

Action:

Specify only one of these keywords in your syntax and resubmit the job.

PUT0245I**VOLCNT defaulting to 95****Reason:**

This informational message indicates that a TAPE device type was specified without a VOLCNT keyword. VOLCNT therefore defaults to 95.

Action:

No action required.

PUT0245E

Missing DDNAME, unable to locate UCB for Tape Stacking

Reason:

This is an internal error. Processing terminates.

Action:

Contact CA Technical Support for assistance.

PUT0246E

Number of VOLUMES specified cannot exceed VOLCNT

Reason:

Both VOLUMES and VOLCNT were specified for TEMPLATE. The number of volumes specified for the VOLUMES keyword cannot exceed the value of VOLCNT.

Action:

See the IBM documentation for valid TEMPLATE syntax.

PUT0247E

Keyword &KEYWORD Not valid with TAPE

Reason:

If a device type of TAPE is specified, you cannot specify keywords that apply to DASD devices.

Action:

See the IBM documentation for valid TEMPLATE syntax.

PUT0248E

Invalid MEMBER or GDG value

Reason:

This is an internal error. Processing terminates.

Action:

Contact CA Technical Support for assistance.

PUT0249E

**Internal Error: UTA#SYM: invalid length for Input Pattern
or Output Target Area**

Reason:

This is an internal error. An invalid length was specified for a control block area.

Action:

Contact Technical Support for assistance.

PUT0250E

invalid character string &CHAR found in DSN expression

Reason:

An invalid string of characters, identified by &CHAR, was encountered in the DSN expression.

Action:

All symbolics must be preceded by an ampersand (&) and end with a period. If the DSN expression contains special characters, the expression must be enclosed within single quotes.

PUT0251I

**Retry of Dynamic DASD space Allocation in progress for:
&dsname**

Reason:

The utility is trying again to dynamically allocate DASD space with altered primary and secondary quantities.

Action:

No action is required. Processing continues.

PUT0252I

Retry of Dynamic DASD space Allocation successful for:
&dsname

Reason:

The utility has successfully performed the dynamic allocation of DASD space with altered primary and secondary quantities.

Action:

No action is required. Processing continues.

PUT0253I

Retry of Dynamic DASD space Allocation unsuccessful for:
&dsname

Reason:

The utility is unable to dynamically allocate DASD space with altered primary and secondary quantities. This error is usually due to an invalid data set name.

Action:

Refer to the WTO messages in the job output to identify the generated data set name that was not allocated.

PUT0254E

ERROR ALLOCATING DATA SET:
DSN=&dsname
SVC99 CODE=&reason

Reason:

SVC 99 returned an error during TEMPLATE data set dynamic allocation. The code identifies the SVC 99 error. The failure is usually due to an invalid data set name.

Action:

Refer to the WTO messages in the job output to identify the generated data set name that was not allocated.

PUT0255E

**INTERNAL ERROR: UTA#SYM: INVALID LENGTH OR MISSING VALUE
FOR SYMBOLIC &SYMBOLIC.**

Reason:

The specified symbolic has an invalid length or a missing value. This error indicates an internal problem.

Action:

Processing stops. Contact CA Support and provide the information from this message.

PUT0256E

**ERROR UNALLOCATING DATA SET:
DD=&DDNAME , DSN=&DSNAME
SVC99 CODE=&REASON**

Reason:

This is an internal error. Processing terminates.

Action:

Contact CA Technical Support for assistance.

PUT0257E

Internal Error: Invalid Dataset Name for DYNALLOC

Reason:

This is an internal error. Processing terminates.

Action:

Contact CA Technical Support for assistance.

PUT0258E

Internal Error: Invalid DDNAME for DYNALLOC

Reason:

This is an internal error. Processing terminates.

Action:

Contact CA Technical Support for assistance.

PUT0259E

Internal Error: Invalid DATACLAS, STORCLAS or MGMTCLAS for DYNALLOC

Reason:

This is an internal error. Processing terminates.

Action:

Contact CA Technical Support for assistance.

PUT0260E

Internal Error: Invalid MODELDCB for DYNALLOC

Reason:

This is an internal error. Processing terminates.

Action:

Contact CA Technical Support for assistance.

PUT0261E

Internal Error: Invalid UNIT value for DYNALLOC

Reason:

This is an internal error. Processing terminates.

Action:

Contact CA Technical Support for assistance.

PUT0262E

Internal Error: Invalid RETPD value for DYNALLOC

Reason:

This is an internal error. Processing terminates.

Action:

Contact CA Technical Support for assistance.

PUT0263E

Internal Error: Invalid DISP, NDISP or CDISP for DYNALLOC

Reason:

This is an internal error. Processing terminates.

Action:

Contact CA Technical Support for assistance.

PUT0264E

Internal Error: Invalid or Missing DDNAME for UNALLOC

Reason:

This is an internal error. Processing terminates.

Action:

Contact CA Technical Support for assistance.

PUT0265E

Internal Error: Invalid or Missing DSNAME for UNALLOC

Reason:

This is an internal error. Processing terminates.

Action:

Contact CA Technical Support for assistance.

PUT0266E

Internal Error: DSAB not found for DYNALLOC Tape Stacking

Reason:

This is an internal error. Processing terminates.

Action:

Contact CA Technical Support for assistance.

PUT0267E

UTA#SYM: TARGET DATASET LENGTH EXCEEDS 44 CHARACTERS
DSN= &dsn

Reason:

The template data set name (DSN) after symbolic substitution exceeds maximum length of 44 characters.

&dsn

Identifies the target data set name after symbolic substitution.

Action:

Correct the template DSN expression so that the resulting DSN is valid and its length does not exceed 44 characters. Resubmit the job.

PUT0268E

UTA#SYM: INVALID DATASET NAME
DSN= &dsn

Reason:

The template data set name (DSN) after symbolic substitution is invalid. At least one DSN node exceeds eight characters.

&dsn

Identifies the target data set name after symbolic substitution.

Action:

Correct the template DSN expression so that the resulting DSN is valid and all nodes are within the 8-byte limit. Resubmit the job.

PUT0278E

Dynamic Allocation: Invalid PARMLIB Keyword &KEYW
&X detected processing directive &D

Reason:

The indicated parmlib keyword is invalid.

Action:

Verify the parmlib settings.

PUT0289I**Dynamic Allocation: Reading PARMLIB Member &M****Reason:**

Indicates an error reading the parmlib member named in this error.

Action:

None.

PUT0293E**Dynamic Allocation: Invalid Directive &D****Reason:**

Indicates a dynamic allocation error.

Action:

Verify the settings in the PRR member of *high-level.CDBAPARM* as well as the RID, SYSDISC, SYSREC, and SYSUT1 keyword specifications.

PUT0295E**Dynamic Allocation: Error Reading PARMLIB Member****Reason:**

Indicates a dynamic allocation error reading the parmlib member.

Action:

Verify the spelling.

PUT0296I**TABLE Processing: Reading PARMLIB Member &M****Reason:**

The utility is reading the specified parmlib member to process a table that is required for the job.

Action:

No action is necessary.

PUT0297E

TABLE Processing: Error Reading PARMLIB Member

Reason:

An internal error occurred when the utility attempted to read a parmlib member to process a table. Processing stops.

Action:

Determine which parmlib member the utility was attempting to read by viewing the PUT0296I message that preceded this message. Verify whether the parmlib member exists, and then contact CA Technical Support for assistance.

PUT0298E

TABLE Processing: Invalid PARMLIB Keyword &KEYW detected processing directive &D

Reason:

The utility attempted to read a parmlib member to process a table, but it encountered an invalid keyword. &D identifies the major keyword. &KEYW identifies the minor keyword parameter that caused the error. Processing stops.

Action:

Determine which parmlib member contains the invalid keyword by viewing the PUT0296I message that preceded this message. Correct the specified keyword and resubmit the job.

PUT0300E

SUBSYSTEM NOT FOUND IN JES TABLE

Reason:

You have specified an invalid subsystem name.

Action:

Verify the subsystem information and resubmit the job.

PUT0301E

INTERNAL DB2 BLOCK DOES NOT MATCH

Reason:

The requested DB2 subsystem ID is not found in the JES tables that contain available DB2 subsystem IDs or an internal error was found in the JES tables.

PUT0302E**TABLE Processing: Invalid Directive &D****Reason:**

The utility attempted to read a parmlib member to process a table, but it encountered an invalid major keyword. &D identifies the keyword that caused the error. Processing stops.

Action:

Determine which parmlib member contains the invalid keyword by viewing the PUT0296I message that preceded this message. Correct the specified keyword and resubmit the job.

PUT0303E**TABLE Processing: Invalid PARMLIB Symbolic starting with &SYM detected processing directive &D and processing keyword &KEY****Reason:**

The utility attempted to read a parmlib member to process a table, but it encountered an invalid symbolic. &D identifies the major keyword. &KEYW identifies the minor keyword parameter. &SYM identifies the symbolic that caused the error. Processing stops.

Action:

Determine which parmlib member contains the invalid symbolic by viewing the PUT0296I message that preceded this message. Correct the specified symbolic and resubmit the job.

PUT0304E**APPLICATION LACKS MVS APF AUTHORIZATION****Reason:**

The program is not being executed from an APF authorized library; therefore, it does not have the necessary authorities for execution.

PUT0305I

DB2 CATALOG TABLE SYSTABLEPART UPDATED WITH NEW QUANTITIES

Reason:

The SYSTABLEPART column of the DB2 catalog has been updated with new quantities. This message is informational only. No further action is required.

PUT0306E

SYSTABLEPART UPDATE FAILED WITH SQLCODE: -sql_code

Reason:

The update of the SYSTABLEPART column of the DB2 catalog failed.

Action:

Look up the SQL code in IBM *DB2 Messages and Codes* to determine the cause of the error.

PUT0307E

TOO MANY ROWS UPDATED, CHANGES TO SYSTABLEPART ROLLED BACK

Reason:

Since too many rows in were updated the changes to the SYSTABLEPART column of the DB2 catalog were rolled back. No updates were made.

PUT0308E

SYSSEQUENCES UPDATE FAILED WITH SQLCODE: -sql_code

Reason:

The update of the SYSSEQUENCES column of the DB2 catalog failed. Look up the SQL code in IBM *DB2 Messages and Codes* to determine the cause of the error

PUT0310E

UNABLE TO START TABLESPACE

Reason:

The utility was unable to start the tablespace. A partition might be in read-only mode.

PUT0311E**UNABLE TO RETRY SELECT****Reason:**

An attempted RETRY SELECT statement failed.

PUT0312E**UNABLE TO STOP TABLESPACE****Reason:**

The utility cannot stop the tablespace named in the message.

PUT0313E**SQLD/SQLVAR AREA NOT SET BY DB2****Reason:**

DB2 could not set the SQLD/SQLVAR area.

PUT0315E**UNABLE TO START INDEXSPACE****Reason:**

The utility was not able to START the indexspace.

Action:

Check the mode of the index as well as its partitions.

PUT0316E**UNABLE TO STOP INDEXSPACE****Reason:**

The utility was not able to STOP the indexspace.

Action:

Check the mode of the index as well as its partitions.

PUT0317E

DYNAMIC SQL SELECT FAILED FOR action WITH SQLCODE -sql_code

Reason:

An attempted SQL SELECT statement failed, resulting in the listed SQLCODE.

Action:

See the IBM *DB2 Messages and Codes* manual for more information on this code.

PUT0318E

DB2 SSID NOT ACTIVE

Reason:

The DB2 subsystem is not currently active.

PUT0319E

DB2 SSID NOT VALID

Reason:

You have supplied an invalid DB2 subsystem name.

Action:

Verify the name of the DB2 SSID.

PUT0320E

ASCII CONVERSION NOT SUPPORTED FOR THIS RELEASE

Reason:

The release of the product you are using does not support ASCII conversion.

PUT0321E

TRANSLATION PROCEDURE procedure NOT SUPPORTED FOR THIS RELEASE

Reason:

The release of the product you are using does not support the translation procedure that you have attempted.

PUT0322W

CCSID ccsid number ATTEMPTING DATA TRAN

Reason:

This is a warning message letting you know that a data transport is being attempted for the CCSID number given in the message.

Action:

As this is warning message, no further action is required.

PUT0323I

**Information for CCSID &CCSID to &NUMB conversion
(Type &TYPE.,&IBM.,&PROC.) found in SYSIBM.SYSSTRINGS**

Reason:

The CCSID given in this message was found in SYSIBM.SYSTRINGS.

Action:

This message is informational only. No further action is required.

PUT0324W

CCSID ccsid number NOT FOUND IN DATA TRANSPORT

Reason:

You have entered an invalid CCSID.

PUT0325E

STATIC SQL SELECT FAILED FOR type WITH SQLCODE sql_code

Reason:

An attempted SQL SELECT statement failed, resulting in the listed SQLCODE.

Action:

See the IBM *DB2 Messages and Codes* manual for more information on this code.

PUT0326E

TRANSLATION PROCEDURE procedure NOT FOUND

Reason:

The utility could not find the function you are requesting.

PUT0327E

TRANSLATION PROCEDURE FAILED

Reason:

The translation function failed.

PUT0328E

EBCDIC TO ASCII CONVERSION CCSIDS CANNOT BE FOUND ABENDING

Action:

Verify the CCSIDs and resubmit the job.

PUT0328I

**EBCDIC TO ASCII CONVERSION DEFAULT CCSIDS CANNOT BE FOUND DSNDDCEP
VALUES: MIXED:**

X'mixed.' EBCDIC CCSIDS: X'sbcs' ASCII

CCSIDS: X'asbcs'

Action:

Verify the CCSIDs and resubmit the job.

PUT0329E

**EBCDIC TO ASCII CONVERSION CCSIDS CANNOT BE FOUND ABENDING DSNDDCEP
VALUES: EBCDIC CCSID: X'sbcs' ASCII**

CCSID: X'asbcs' MIXED:

X'mixed.'

Action:

Verify the CCSIDs and resubmit the job.

PUT0330W

**- DSNHDECP module not consistent with DB2 Catalog
Discrepancy noted for &LABEL**

Reason:

The parameter specified in DSNHDECP module is not consistent with that originally specified in the tablespace definition.

PUT0331I

- &USER Transproc &TRANS Loaded

Action:

None.

PUT0333W

**- Conversion Services Routine Failure attempting to convert
data from CCSID *&from* to *&to*
Return code: *&rc.*, Reason Code: *&rsn***

Reason:

There was an error in the data conversion.

PUT0334I

- Conversion Services Routine Found: CCSID *&from* - *&to*

Action:

None.

PUT0350I

PDA PROCESSING COMPLETE

Reason:

Processing has completed.

Action:

This message is informational only. No further action is required.

PUT0351E

PDA PROCESS: CATALOG SEARCH FAILED FOR DATASET dataset_name

Reason:

The search for the data set failed.

Action:

Verify the spelling of the data set and resubmit the job.

PUT0352W

CATALOG UPDATE NOT PROCESSED DUE TO SINGLE PART PROCESSING

Reason:

The DB2 catalog could not be updated. This message is a warning. Processing continues.

PUT0353W

CATALOG UPDATE NOT PROCESSED DUE TO RESUME YES PROCESSING

Reason:

The DB2 catalog could not be updated. This message is a warning. Processing continues.

PUT0354E

DAS PRODUCT HAS NOT BEEN INSTALLED

Reason:

The product could not be installed.

PUT0354W

product PRODUCT HAS NOT BEEN INSTALLED

Reason:

The product named in this message could not be installed.

PUT0355E

PDA PRODUCT OWNERSHIP FLAG COULD NOT BE SET

Reason:

The ownership flag could not be set.

PUT0356W

CA utilities currently do not fully support statistics for Indexes with a value of 'P' or 'D' in the INDEXTYPE column of SYSINDEXES.

Therefore, some statistics for these indexes will not be collected. All statistics not related to these types of indexes will still be collected and the appropriate tables updated.

Reason:

CA utilities currently do not fully support collection of statistics for indexes with a value of P or D in the INDEXTYPE column in SYSINDEXES. Some statistics for these indexes will not be collected.

Action:

No action is required. All statistics not related to these types of indexes will be collected and appropriate catalog tables will be updated.

PUT0357E

**TABLE Processing: Max &KEY name length exceeded
detected processing keyword &KEYW
while processing directive &D**

Reason:

The utility attempted to read a parmlib member to process a table, but it encountered a keyword value that exceeded the maximum length. This may occur if the value for the tablespace, table, or index name contains one or more symbolics that causes the name to exceed the maximum length when the symbolic is resolved. &KEY identifies the object type (tablespace, table, or index). &D identifies the major keyword and &KEYW identifies the minor keyword parameter that caused the error. Processing stops.

Action:

Determine which parmlib member contains the invalid keyword value by viewing the PUT0296I message that preceded this message. Correct the specified keyword value so that it does not exceed the maximum length. Tablespace names can be eight bytes long. Table and index names can be 128 bytes long. After you have corrected the keyword value, resubmit the job.

PUT0501E

**PUT0501E - Display buffer pool &BP failed.
Return Code:&RC Reason Code:&REAS Module:&MODULE**

Reason:

The display buffer pool command failed with the return and reason codes from DB2. If a connection could not be established, then the return and reason codes were set by the interface (PTLBDBC).

Action:

Save the job output and contact Technical Support for assistance.

PUT0502I

**Max display buffer pool lines reached.
Skipping future writes.**

Reason:

The PUT0505I messages will not print because the number of lines printed has exceeded an internal limit.

Action:

No action is required.

PUT0503I

BP:&BP busy:&PER.% (&TOT.,&USE.,&UPD.)

Reason:

The buffer pool (&BP) had a percent busy (&PER) that exceeded the threshold (calculated using the formula $\&UPD * 100 / \&TOT$). You must specify ALLMSGs to activate this message. The message is written to PTIIMSG if allocated, otherwise it is written to PTIMSG.

Action:

Processing waits two seconds and then tries again.

PUT0504E

cap_message* RETURN CODE: *return_code

REASON CODE: *reason_code*

MODULE: *module*

Reason:

The message provides you with the return code, and reason code.

Action:

See the IBM *DB2 Messages and Codes* for more information.

PUT0505I

> &MSG

> &MSG

Reason:

An error occurred during results processing because the output of the display buffer pool command is in a different format. This message shows the output of that command.

Action:

Save the job output and the '-DISPLAY BUFFERPOOL (BP0)' output, and contact Technical Support for assistance.

PUT0506I

Retrying PI mode index delete/insert.

Key Retry #&NUM1 of #&NUM2 Buffer Retry #&NUM3 of #&NUM4 for PSID &PSID

Reason- &REASON Key/RID = &RID

Reason:

The utility attempted to delete or insert a key in a nonpartitioned index but the buffer pool was too busy for too long. The DB2 connection has terminated and a longer wait interval has been entered.

This message provides the following information:

Key Retry

Indicates how many key retries have been attempted and the maximum number of attempts (for example, #0003 of #0020). Each time this message is issued, the &NUM1 value increments to indicate processing progress.

Buffer Retry

Indicates how many buffer retries have been attempted and the maximum number of attempts (for example, #0005 of #02000). Each time this message is issued, the &NUM3 value increments to indicate processing progress.

PSID

Indicates the PSID of the index being processed.

Reason

Identifies the reason for the retry (for example, "Check Point").

Key/RID

Identifies the KEY RID being updated.

Action:

Processing continues after the wait interval has elapsed. If the error reoccurs, this message is reissued and the values increase to indicate processing progress.

PUT0507I

Bufferpool busy, retrying get page.

Reason:

The utility was attempting to retrieve an index page from the DB2 buffer pool but the buffer pool was too busy for too long. The DB2 connection has terminated and a longer wait interval has been entered.

Action:

Processing continues after the wait interval has elapsed.

PUT0508I

Get checkpoint for index &IDX is &CNT keys.

Reason:

This informational message appears when the utility is processing partition independence (PI) index updates. IDX is the PSID and OBID for the index, in hex (for example, 0008-0009). CNT is the number of get requests that are processed before the connection is freed and the buffer pool usage is checked.

Action:

No action is required. Processing continues.

PUT0509I

Update checkpoint for index &IDX is &CNT buffers. BufSz &BS., #Buf &BNUM., Keyl &KEY., K/B &KB., &MSG

Reason:

The utility is processing partition independence (PI) index updates.

- IDX is the PSID and OBID for the index, in hex (for example, 0008-0009).
- CNT is the number of buffers of keys that are processed before the connection is freed and buffer pool usage is checked.
- BS is the size of one buffer, rounded based on the key length and full 4-KB blocks.
- BNUM is the number of buffers.
- KEY is the key length plus 6 bytes of overhead per key.
- K/B is the number of keys per buffer count.
- MSG is the buffer pool name.

Action:

Processing continues. No action is required.

PUT0513E

SAF RACROUTE Failed - SAFRC=X'xxxx', RC=X'xxxx', RS=X'xxxxxxxx'

Action:

Refer to the RACROUTE REQUEST=AUTH return and reason codes in the *z/OS Security Server RACROUTE Macro Reference* for information to correct this error.

PUT0535E

RDJFCB Error DDNAME: *ddname*

Reason:

An attempt to validate access to data sets through the specified *ddname* failed because the RDJFCB macro call failed. This message is preceded by static or dynamic definition error messages for the *ddname*.

Action:

Search the product and JES logs for error messages related to the specified *ddname* to identify the root of the problem.

PUT0600E

INDEX: *index_name* FAILED CHECKSUM PROCESSING

Reason:

The checksum test comparing unloaded and reloaded data failed.

Action:

Check to see if the correct SYSREC data sets were specified (after a restart), or if there was a hardware failure on the SYSREC device.

PUT0605E

DDNAME *ddname* NOT FOUND

Action:

Verify the name of the DD names in the JCL and resubmit the job.

PUT0608E

TOTAL OF ALL CLUSTERED INDEX ROWS DOESN'T MATCH TS COUNTS

Reason:

Not all rows are indexed correctly or there are too many index entries.

Action:

You must recreate or recover the index.

PUT0609E**INDEX CHECKSUM PROCESSING FINISHED UNSUCCESSFULLY****Reason:**

The checksum test failed.

Action:

Recover the index.

PUT0609I**INDEX CHECKSUM PROCESSING FINISHED SUCCESSFULLY****Reason:**

Informs you that tablespace check sum processing finished successfully.

Action:

None.

PUT0610E**RESTART TABLE *&rctype* Error; RC = *&rc* , RSN = *&rsn*****Reason:**

A restart error has occurred.

Action:

Review the return and reason codes to determine the cause of the error. For more information, see "Return Codes" in the chapter "Introduction."

PUT0611E

Restart Row Utility *&util1* , Stmt# *&stmt* does not match Utility *&util2* of SYSIN

Reason:

A Restart statement record was found in the restart table for the specified statement number from the Restart parm (RESTART(*nnn,parm*)) however, the utilities do not match.

This error can occur when the syntax has been changed or another job with the same utility-ID matches an existing statement record in the Restart Table.

Action:

The message identifies the Utility that failed. Use that information to determine what action to perform for the job that failed:

Restart the failed job.

Determine if a RESTART(TERM) can be executed to remove the restart rows.

PUT0612E

Statement Number *&STMT1* of Restart parm does not match Statement Number *&STMT2* of Restart record.

Reason:

A Restart Statement Record was found in the Restart Table but the statement number in the restart record is not the same as the restart number in the restart parm.

Action:

The failed job can be automatically restarted with the RESTART parm if no statement number is specified. Otherwise, specify the correct statement number on the RESTART parm or determine if the failed job can be terminated to remove the restart rows from the restart table.

PUT0615I

Restart Statement Record found for Stmt# *&STMT* Utility *&UTIL*

Reason:

This is an informational message indicating that a Statement Restart record was found in the RESTART TABLE. The message identifies the STATEMENT NUMBER and UTILITY.

Action:

None.

PUT0700E

SQL ERROR MESSAGE PROCESSING FAILED SQL ERROR CODE = code.

Reason:

An SQL error has occurred.

Action:

See the IBM *DB2 Messages and Codes* for more information.

PUT0701E

AN SQL ERROR HAS OCCURRED:

Action:

See the IBM *DB2 Messages and Codes* for more information.

PUT0703E

LINK FOR LOAD MODULE PTLDBZCH FAILED. CONTACT CUSTOMER SUPPORT FOR ASSISTANCE.

Reason:

Indicates that the utility load of module PTLDBZCH has failed.

Action:

For assistance, contact CA Support at <http://ca.com/support>.

PUT0704E

INTERNAL DB2 BLOCKS DO NOT MATCH.

Reason:

The utility encountered an internal error.

PUT0705E

LOAD FOR LOAD MODULE UTL@DSQL FAILED. CONTACT CUSTOMER SUPPORT FOR ASSISTANCE.

Reason:

Indicates that the utility load of module UTL@DSQL has failed.

Action:

For assistance, contact CA Support at <http://ca.com/support>.

PUT0706E

DEFINE NO Dataset already allocated:

Reason:

This would occur if a load was attempted on a tablespace created DEFINE NO or if one of the associated indexes were created DEFINE NO. If there is a DEFINE NO object, the dataset must not exist.

PUT0707E

Unable to complete REPAIR DBD - Must repair DBD

Use the following syntax:

REPAIR DBD REBUILD DATABASE &DBNAME

Reason:

A REPAIR is required to modify the object allocation following the creation of the VSAM data set for an object that was originally created as DEFINE NO.

Action:

Specify REPAIR DBD REBUILD DATABASE for the database identified in the message text.

PUT0708E

**Catalog update failed while creating DEFINE NO dataset:
&DSN**

Reason:

An attempt to allocate the data set for an object created as DEFINE NO failed due to a catalog error.

Action:

Recreate the object without DEFINE NO. The default setting for allocation of VSAM data sets should be evaluated.

PUT0709I**REPAIR Utility Failed - REORG Utility will Retry****Reason:**

This message occurs during FASTSWITCH YES processing for CA Rapid Reorg with DATA-AVAILABLE HIGH and CRITICAL when the IBM DB REPAIR utility initially fails and reorg reissues the utility.

Action:

This is an informational message. No action is required.

PUT0800I**UPDATING CATALOG TABLE SYSINDEXPART WITH NEW QUANTITIES FOR: INDEX:
index_name****Reason:**

The SYSINDEXPART column of the DB2 catalog has been updated with new values for the index named in this message. This message is informational only. No further action is required.

PUT0802E**SYSINDEXPART UPDATE FAILED WITH SQLCODE -sql_code****Reason:**

The update to SYSINDEXPART failed. The message provides you with the SQLCODE. See the *IBM DB2 Messages and Codes* for more information.

PUT0830E**PARMLIB ENTRY COPY-BUFFERS IS INVALID****Reason:**

The COPY-BUFFERS option is invalid for the utility you are using.

Action:

Remove the keyword and resubmit the job.

PUT0831E

PARMLIB ENTRY SORT-APPLSIZE IS INVALID

Reason:

The SORT-APPLSIZE option is invalid for the utility you are using.

Action:

Remove the keyword and resubmit the job.

PUT0832E

PARMLIB ENTRY NONLEAF-PCTFREE IS INVALID

Reason:

The NONLEAF-PCTFREE option is invalid for the utility you are using.

Action:

Remove the keyword and resubmit the job.

PUT0833E

PARMLIB ENTRY VSAM-BUFFERS IS INVALID

Reason:

The VSAM-BUFFERS option is invalid for the utility you are using.

Action:

Remove the keyword and resubmit the job.

PUT0834E

PARMLIB ENTRY IO-BUFFERS IS INVALID

Reason:

The IO-BUFFERS option is invalid for the utility you are using.

Action:

Remove the keyword and resubmit the job.

PUT0835E**PARMLIB ENTRY MAXTASKS IS INVALID****Reason:**

The MAXTASKS option is invalid for the utility you are using.

Action:

Remove the keyword and resubmit the job.

PUT0836E**PARMLIB ENTRY SORT-FLAG IS INVALID****Reason:**

The SORT-FLAG option is invalid for the utility you are using.

Action:

Remove the keyword and resubmit the job.

PUT0837E**PARMLIB ENTRY SORT-SORTNUM IS INVALID****Reason:**

The SORT-SORTNUM option is invalid for the utility you are using.

Action:

Remove the keyword and resubmit the job.

PUT0838E**PARMLIB ENTRY COPY-TASKS IS INVALID****Reason:**

The COPY-TASKS option is invalid for the utility you are using.

Action:

Remove the keyword and resubmit the job.

PUT0839E

PARMLIB ENTRY SMS-VOLUMES IS INVALID

Reason:

The SMS-VOLUMES option is invalid for the utility you are using.

Action:

Remove the keyword and resubmit the job.

PUT0840E

PARMLIB ENTRY COLCARD IS INVALID

Reason:

The COLCARD option is invalid for the utility you are using.

Action:

Remove the keyword and resubmit the job.

PUT0841E

PARMLIB ENTRY UNLOAD-TASKS IS INVALID

Reason:

The UNLOAD-TASKS option is invalid for the utility you are using.

Action:

Remove the keyword and resubmit the job.

PUT0843E

PARMLIB entry DISCARD-ERROR IS INVALID.

Valid options are: NONE, ABEND, RCxx.

where xx is a number from 5 and 50.

Reason:

The DISCARD-ERROR option is invalid for the utility you are using.

Action:

Remove the keyword or select a valid option and resubmit the job.

PUT0844E**PARMLIB ENTRY REBUILD-TASKS IS INVALID****Reason:**

The REBUILD-TASKS option is invalid for the utility you are using.

Action:

Remove the keyword and resubmit the job.

PUT0845E**PARMLIB ENTRY UPDATE-TASKS IS INVALID****Reason:**

The UPDATE-TASKS option is invalid for the utility you are using.

Action:

Remove the keyword and resubmit the job.

PUT0846E**PARMLIB ENTRY STRIP-TASKS IS INVALID****Reason:**

The STRIP-TASKS option is invalid for the utility you are using.

Action:

Remove the keyword and resubmit the job.

PUT0847E**PARMLIB ENTRY INPUT-BUFFERS IS INVALID****Reason:**

The INPUT-BUFFERS option is invalid for the utility you are using.

Action:

Remove the keyword and resubmit the job.

PUT0848E

PARMLIB ENTRY UPDATE-BUFFERS IS INVALID

Reason:

The UPDATE-BUFFERS option is invalid for the utility you are using.

Action:

Remove the keyword and resubmit the job.

PUT0849E

PARMLIB ENTRY STRIP-BUFFERS IS INVALID

Reason:

The STRIP-BUFFERS option is invalid for the utility you are using.

Action:

Remove the keyword and resubmit the job.

PUT0850E

PARMLIB ENTRY SORT-FILSZMAX IS INVALID

Reason:

The SORT-FILSZMAX option is invalid for the utility you are using.

Action:

Remove the keyword and resubmit the job.

PUT0851E**- PARMLIB entry PAGE-FRAMES is invalid****Reason:**

You have exceeded the maximum value permitted for the PAGE-FRAMES parmlib entry, which is 70. The variables in the message (denoted by xxxx) indicate one of the following:

- IS INVALID-The PAGE-FRAMES value you specified is too large.
- SET TO 70-The utility has set the PAGE-FRAMES value to 70 so that processing can proceed.
- PUT0851W PARMLIB ENTRY PAGE-FRAMES SET TO 70
- PAGE-FRAMES have been set to 70. This message is a warning only. No further action is required.

PUT0852E**PARMLIB ENTRY DATA-AVAILABLE IS INVALID****Reason:**

The DATA-AVAILABLE option is invalid for the utility you are using.

Action:

Remove the keyword and resubmit the job.

PUT0853E**PARMLIB ENTRY STOP-LIMIT IS INVALID****Reason:**

The STOP-LIMIT option is invalid for the utility you are using.

Action:

Remove the keyword and resubmit the job.

PUT0854E

PARMLIB ENTRY UPDATE-CATSTATS IS INVALID

Reason:

The UPDATE-CATSTATS option is invalid for the utility you are using.

Action:

Remove the keyword and resubmit the job.

PUT0855E

PARMLIB ENTRY IXBUFFER-SIZE IS INVALID

Reason:

The IXBUFFER-SIZE option is invalid for the utility you are using.

Action:

Remove the keyword and resubmit the job.

PUT0856E

PARMLIB ENTRY CENTURY20 IS INVALID

Reason:

The CENTURY20 option is invalid for the utility you are using.

Action:

Remove the keyword and resubmit the job.

PUT0857E

PARMLIB ENTRY IXCHECK-SIZE IS INVALID

Reason:

The IXCHECK-SIZE option is invalid for the utility you are using.

Action:

Remove the keyword and resubmit the job.

PUT0858E**PARMLIB ENTRY SYSCOPY IS INVALID****Reason:**

The SYSCOPY option is invalid for the utility you are using.

Action:

Remove the keyword and resubmit the job.

PUT0861E**PARMLIB entry RC-NO-OBJECTS-SELECTED is invalid****Reason:**

An invalid value was specified for RC-NO-OBJECTS-SELECTED.

Action:

Specify a valid value for RC-NO-OBJECTS-SELECTED. Valid values are 0004–4095.

PUT0862E**PARMLIB entry RC-OBJS-AUTO-EXCLUDED is invalid****Reason:**

An invalid value was specified for RC-OBJS-AUTO-EXCLUDED.

Action:

Specify a valid value for RC-OBJS-AUTO-EXCLUDED. Valid values are 0000–0004.

PUT0863E**PARMLIB entry GDG-LIMIT is invalid****Reason:**

An invalid value has been specified for GDG-LIMIT.

Action:

Specify a valid value for GDG-LIMIT. Valid values are 1–255.

PUT0868E

PARMLIB entry SSCOPYDDN is invalid

Reason:

The value specified for the snapshot copy default data set name template (SSCOPYDDN) contains invalid characters.

Action:

Specify a valid value for the SSCOPYDDN default data set name template.

PUT0869E

PARMLIB entry SSCOPYDDN is invalid; must contain variables for DSNUM or PART

Reason:

The snapshot copy default data set name template must contain variables for DSNUM or PART.

Action:

Specify one of the following symbolic variables: &DSNUM., &PART., or &PA. in the snapshot copy default data set name template (SSCOPYDDN).

PUT0870E

PARMLIB entry SORT-HIPERMAX is invalid

Reason:

The value specified for the SORT-HIPERMAX parameter in the UTIL parmlib member is not an acceptable value for SORT.

Action:

Specify a valid hyperspace sort size for the SORT-HIPERMAX. See your sort manual for acceptable values or specify NONE.

PUT0871E**PARMLIB entry SORT-MOSIZE is invalid****Reason:**

The value specified for the SORT-MOSIZE parameter in the UTIL parmlib member is not an acceptable value for SORT.

Action:

Specify a valid value for SORT-MOSIZE. Acceptable values are 0-9999, 0-100%, MAX, or NONE.

PUT0872E**PARMLIB entry SSCOPYOPT is invalid****Reason:**

The value for the Snapshot Copy Option (SSCOPYOPT) parameter in the UTIL parmlib member must be YES or NO.

Action:

Specify a valid value for the SSCOPYOPT parameter.

PUT0873E**PARMLIB entry SSCOPYHLQ is invalid****Reason:**

The value for the Snapshot Copy High Level Qualifier (SSCOPYHLQ) parameter in the UTIL parmlib member must be YES or NO.

Action:

Specify a valid value for the SSCOPYHLQ parameter.

PUT0874E**PARMLIB entry SSCOPYDDN is required****Reason:**

If SSCOPYOPT is YES, a value for the SSCOPYDDN parameter is required.

Action:

Specify the SSCOPYDDN parameter if SSCOPYOPT is YES, or specify NO for SSCOPYOPT.

PUT0875E

PARMLIB entry SSCOPYDDN requires "uniqueness" variables

Reason:

The SSCOPYDDN parameter of the UTIL parmlib member must include variables that result in a unique data set name of the SNAPSHOTACCESS INSTANT copy data set (&UNIQ., &UQ., &TIME., &TL., or &HHMMSS.) and a variable that identifies the partition (&DSNUM or &PART).

Action:

Add the required variables to the default template definition to generate a unique data set name.

PUT0876E

If SSCOPYHLQ is 'YES', then the high level qualifier of the Default DSN Template must be 'SSCOPYHLQ'

Reason:

Incompatible values were specified in the Snapshot Copy High Level Qualifier (SSCOPYHLQ) and Snapshot Copy Template (SSCOPYDDN) parameters in the UTIL parmlib member.

SSCOPYHLQ YES indicates that you want CA Quick Copy to use the high-level qualifier of the source data set as the high-level qualifier of the target SNAPSHOTACCESS INSTANT copy data set. The required value of *hlq* in the SSCOPYDDN parameter is **SSCOPYHLQ**.

Action:

Specify valid values in the SSCOPYDDN and SSCOPYHLQ parameters:

- To use the high-level qualifier of the source data set, set the SSCOPYHLQ parameter to YES and enter **SSCOPYHLQ** as the high-level qualifier in the SSCOPYDDN parameter.
- To use a custom high-level qualifier, set the SSCOPYHLQ parameter to NO and provide the requested high-level qualifier in DSN expression in the SSCOPYDDN parameter.

PUT0877E**PARMLIB ENTRY PI-KEY-COUNT IS INVALID****Reason:**

An invalid value is specified for the PI-KEY-COUNT parameter in the *hlq.CDBAPARM(UTIL)* parmlib member.

Action:

Processing stops. Specify a valid PI-KEY-COUNT value. The following values are valid:

n

Specifies that up to *n* keys can be inserted or deleted before a checkpoint is made.

Default: 200,000

Limits: 1–999,999,999

nK

Specifies that up to *n* times KB (1,024 bytes) keys can be inserted or deleted before a checkpoint is made.

Limits: *n* can be up to seven digits, with a maximum value of 1,048,575

nM

Specifies that up to *n* times MB (1,048,576 bytes) keys can be inserted or deleted before a checkpoint is made.

Limits: *n* can be up to four digits, with a maximum value of 2,047

Resubmit the job.

PUT0878E**PARMLIB ENTRY PI-MAXTASKS IS INVALID****Reason:**

An invalid value is specified for the PI-MAXTASKS parameter in the *hlq.CDBAPARM(UTIL)* parmlib member.

Action:

Processing stops. Specify a valid PI-MAXTASKS value. The valid values are from 1 to 99. Then resubmit the job.

PUT0879E

PARMLIB ENTRY PI-RETRY-COUNT IS INVALID

Reason:

An invalid value is specified for the PI-RETRY-COUNT parameter in the *hlq.CDBAPARM(UTIL)* parmlib member.

Action:

Processing stops. Specify a valid PI-RETRY-COUNT value. The valid values are from 1 to 9,999. Then resubmit the job.

PUT0910E

'utl' FAILED ON OPEN TO 'ddn'

Reason:

The failure to open the DDNAME (SYSIN, TASKLIB, or SYSPRINT) prevented the utility from functioning.

PUT0912E

DB2 xxxxxxxx Utility ABENDED - ECB: xxxxxxxx

Reason:

The utility identified by DB2 xxxxxxxx was not able to complete successfully. After a call to the DB2 DSNUTILB, the ECB is posted with one of the following abend codes: '40xxx000' for system abends or '40000xxx' for user abends (xxx is the abend code). ECB can also be '40xxxxxx', where xxxxxx is the low order 24 bits of register 15 at termination.

PUT0915E

QUIESCE UPDATE FAILED WITH SQLCODE -sql_code

Action:

An attempted quiesce failed for the reason indicated by the SQL error code displayed in this message. See the IBM *DB2 Messages and Codes* for more information.

PUT0920E**DDNAME ddname FAILED ALLOCATION****Reason:**

Indicates that the indicated ddname could not be allocated.

Action:

See any other messages produced at this time and check your JCL.

PUT0950E**DATASET HAS MORE THAN 133 VOLUMES, SPACE DEFINITION CANCELLED****Reason:**

The utility could not perform space definition because the data set has more than 133 volumes.

PUT2021E**DATASET IN USE DELETE FAILED DETECTED IN MODULE module****Reason:**

Because the data set is in use, a DELETE failed in the specified module.

PUT2021W**DATASET IN USE ATTEMPTING RETRY DETECTED IN MODULE module****Reason:**

Since the data set is in use, a RETRY is being attempted in the specified module. This message is a warning. Processing continues.

PUT2060E

INDEX: *index_name*

ALLOCATION FAILED RETURN CODE: *return_code*

REASON CODE: *reason_code*

INFO CODE: *info_code* DETECTED IN MODULE *module*

Reason:

Allocation failed for the index named in this message. The message provides you with the return code, and reason code.

Action:

See the IBM *DB2 Messages and Codes* for more information.

PUT2061E

LISTCAT FAILED FOR INDEX *index_name* DETECTED IN MODULE *module*

Reason:

The LISTCAT has failed for the specified index. Check to be sure you have spelled the index name correctly. Check to see if the index exists. Also make sure you have the proper authorities to allocate, read from, and write to the index. Also check for system messages in the job output. If there are no messages, attempt to perform a LISTCAT ENT ('index name') ALL command using the same ID that executed the job. This might display a message indicating the reason the LISTCAT command failed.

PUT2062E

**REDEFINITION FAILED FOR INDEX *index_name* DETECTED IN MODULE *module* VCAT
DEFINED DATASET *dataset_name* MUST BE REALLOCATED PRIOR TO RESTART**

Reason:

The redefinition failed for the index named in this message. A VCAT data set with the name given in this message must be reallocated prior to RESTART.

Action:

Check for system messages in the job output for the cause of the error. Some causes of failure are: space not available, authorization lacking to delete or define the data set, or volume not mounted.

PUT2063I**INDEX :index_name REDEFINITION COMPLETE****Reason:**

The redefinition of the index named in this message is complete.

Action:

This message is informational only. No further action is required.

PUT2064E**DATASET RECALL FAILED FOR INDEX index_name DETECTED IN MODULE module****Reason:**

A data set recall for the index named in this message has failed.

Action:

Check the spelling of the index and resubmit the job.

PUT2065W**IDCAMS ADDVOL FAILED FOR INDEX index_name DETECTED IN MODULE module****Reason:**

A IDCAMS ADDVOLUME for the index named in this message has failed.

Action:

Check the spelling of the index and resubmit the job.

PUT2066W**INVALID CALCULATION FORMULA FOR field VALUE RESET****Reason:**

You have supplied an invalid calculation formula for the field named in this message.
The value was reset to its prior value.

Action:

This message is a warning. Processing continues.

PUT2069E

TARGET DATASET NAME MISSING FOR INDEX *index_name*

RETURN CODE: *return_code*

REASON CODE: *reason_code*

INFO CODE: *info_code* DETECTED IN MODULE *module*

Reason:

The target data set name is missing for the index named in this message. The message provides you with the return code, and reason code. See the IBM *DB2 Messages and Codes* for more information.

PUT2089E

**INDEX: *ixname* TARGET DSN MISSING IN MODULE: *module* RC => *rc* REASON => *reas*
INFO => *info***

Reason:

The B00x data sets for the specified object must be defined before running the DATA-AVAILABLE HIGH reorg. Because the object is user-defined, (not subgroup-defined) with SPACE-DEFN NO, the utility cannot define the B00x data sets for the user.

Action:

Define the target data sets and rerun the job.

PUT2100E

MMGR PUT ROUTINE FAILED

RETURN CODE: *Xreturn_code*

REASON CODE: *Xreason_code* DDNAME: *ddname* MODULE: *module_name*

Reason:

The specified Media Manager function failed within the indicated module. Most likely, you need to allocate more space for the data set. The task control block, return code, reason code, buffer, and data set name are provided.

Action:

See the IBM *DB2 Messages and Codes* manual to review any accompanying IBM related messages given with this error message.

PUT2101E

CSECT module ABENDED X'estaeid' ESTAE INTERCEPTED

Reason:

The utility has encountered an internal error.

PUT2102E

INDEX :dataset_name MAXIMUM DATASETS EXCEEDED

Reason:

The maximum number of data sets allowed for the index named in this message has been exceeded.

PUT2103I

INDEX: &ixname Opened for Rebuild &module

Reason:

The specified index has been opened for rebuild.

Action:

None. Processing continues.

PUT2104E

NUMBER OF PAGES EXCEEDS MAXIMUM ALLOWED FOR IX PART part

Reason:

The maximum number of pages allowed for the index partition has been exceeded.

PUT2105I

INDEX :index_name Rebuilt row_count KEYS

Reason:

The specified index has rebuilt the specified number of keys.

Action:

None. Processing continues.

PUT2106E

ERROR CLOSING DATASET RETURN CODE return_code, **REASON CODE** reason_code
DATASET: dataset_name **MODULE:**

module

Reason:

The data set could not be closed. The message provides you with the return code, and reason code (as well as the data set and module names). See the IBM *DB2 Messages and Codes* for more information.

PUT2107E

ERROR WRITING DATASET RETURN CODE return_code, **REASON CODE** reason_code
DATASET: dataset_name **MODULE:**

module

Reason:

The data set could not be written. The message provides you with the return code, and reason code (as well as the data set and module names). See the IBM *DB2 Messages and Codes* for more information.

PUT2108E

ERROR READING DATASET RETURN CODE return_code, **REASON CODE** reason_code
DATASET: dataset_name **MODULE:**

module

Reason:

The data set could not be read. The message provides you with the return code, and reason code (as well as the data set and module names). See the IBM *DB2 Messages and Codes* for more information.

PUT2109E

TABLESPACE DATASET FAILED ALLOCATION DATASET: dataset_name

MODULE:

module

Reason:

The tablespace data set could not be allocated.

PUT2110E

ERROR OPENING DATASET RETURN CODE `return_code`, **REASON CODE** `reason_code`
DATASET: `dataset_name` **MODULE:**

module

Reason:

The data set could not be opened. The message provides you with the return code, and reason code (as well as the data set and module names). See the *IBM DB2 Messages and Codes* for more information.

PUT2111I

TCB: `tcb` ***TRACE*** `dataset_name` **TCB:** `tcb` ***TRACE*** **MODULE:** `module` **PG#:** `page` **I_PG#:** `&int_page`

Reason:

This is an informational message that gives the TCB (task control block) , trace data set name, trace module as well as page numbers. No further action is required.

PUT2200E

Error Initializing Index Compression Size Service

Return Code `&rtn.`, **Reason Code** `&rsn`

Module: `&module`

Reason:

The Index Compression Size Service failed to initialize properly. Processing terminates. The module name issuing this message is identified by `&module`. The return code (`&rtn`) and reason code (`&rsn`) indicate the specific failure. This message can indicate insufficient region size or improperly applied maintenance or storage overlays.

Action:

For return code 08 with reason code 14, increase the region size.

For all other return and reason codes, contact CA Support for assistance.

More information:

[Utilities Index Compression Size Service Return and Reason Codes](#) (see page 60)

PUT2201E

Error Initializing Index Compression Service

Return Code &rtm., Reason Code &rsn

Module: &module

Reason:

The Index Compression Service failed to initialize properly. Processing terminates. The module name issuing this message is identified by *&module*. The return code (*&rtm*) and reason code (*&rsn*) indicate the specific failure. This message can indicate a missing service module, improperly applied maintenance or storage overlays, or a storage shortage.

Action:

For return code 20, increase the region size or reduce the MAXSORTS value in the utility job and then resubmit the job.

For return code 64, verify that the STEPLIB contains the CSLCPINX service module.

For all other return and reason codes, contact CA Support for assistance.

More information:

[Utilities Index Compression Service Return and Reason Codes](#) (see page 58)

PUT2202E

Error Compressing Index Page &page

Return Code &rtm., Reason Code &rsn

Module: &module

Reason:

The Index Compression Service failed to compress properly. Processing terminates. The page number being compressed is *&page*. The module name issuing this message is identified by *&module*. The return code (*&rtm*) and reason code (*&rsn*) indicate the specific failure. This message can indicate improperly applied maintenance or storage overlays.

Action:

Contact CA Support for assistance.

More information:

[Utilities Index Compression Service Return and Reason Codes](#) (see page 58)

PUT2203E

Error Calculating Size of Index Page &page**Return Code &rcn., Reason Code &rsn****Module: &module****Reason:**

The Index Compression Size Service failed to calculate the index page size properly. Processing terminates. The page number being processed is *&page*. The module name issuing this message is identified by *&module*. The return code (*&rcn*) and reason code (*&rsn*) indicate the specific failure. This message can indicate improperly applied maintenance or storage overlays.

Action:

Contact CA Support for assistance.

More information:

[Utilities Index Compression Size Service Return and Reason Codes](#) (see page 60)

PUT2310E

Index &CR..&IX..&PT. Invalid Index Directory**Reason:**

A corrupt index directory page was found (index directory header eyecatch XD mismatch).

Action:

Recover the indexspace identified in the message.

PUT2311E

Index &CR..&IX..&PT.**Read Error when attempting to access the Index Directory****Reason:**

An error occurred while attempting to read an index directory page using IBM Media Manager.

Action:

You may need to recover the indexspace identified in the message. Contact CA technical support for assistance.

PUT2312I

***TRACE* &CALL. TCB: &TCB. Enter: &ENTER.**

Reason:

This informational message only appears with CA DEBUG options when specified under the direction of CA technical support.

Action:

No action required.

PUT2410I

Index MMGR Calls Elapsed Time *hh:mm:ss:ttt:mmm*.

Reason:

Indicates the amount of time required to process the calls to MEDIA MANAGER in MSG PUT2411I.

The time format is as follows:

- *hh* (Hours)
- *mm* (Minutes)
- *ss* (Seconds)
- *ttt* (Thousanthts)
- (Millionths)

Action:

None.

PUT2411I

Index: *ixname*

Total MMGR Calls:*nnn*

Reason:

Indicates the number of calls made to MEDIA MANAGER to process the INDEX during the reorganization. *ixname* refers to the index name and *nnn* identifies the number of calls made.

Action:

None.

PUT2500I**Real Time Statistics tables update processing beginning****Reason:**

Indicates the beginning of the process of updating DB2 Real Time Statistics. Updates only occur on DB2 V7 and up systems whose Real Time Statistics tables have been defined.

PUT2501I**Real Time Statistics tables update processing complete****Reason:**

Indicates the end of the process of updating the DB2 Real Time Statistics.

PUT2542I**TABLESPACE:&tsname Opened for Rebuild - &module****Reason:**

The OPEN for the data set specified by the ddname was successful.

Action:

None.

PUT2600E**Growing a new partition for a PBG tablespace is not allowed for objects with page size other than 4K.****Reason:**

The utility is attempting to load data into a partition-by-growth (PBG) tablespace. The tablespace requires a new partition for the new data. However, the tablespace or one of its associated objects has a page size larger than 4 KB. The utility currently does not support larger page sizes for these objects. Processing terminates.

Action:

Recreate the tablespace and its associated objects (such as indexes and LOB tables) using only 4-KB pages. If you have the original DDL for the objects, you can modify it and can resubmit it. After the objects are recreated, you can resubmit your CA Fast Load job.

PUT3002E

Restart table initialization error RC: &RC Reason: &REAS

Reason:

A restart error has occurred.

Action:

Review the return and reason codes to determine the cause of the error. For more information, see "Return Codes" in the chapter "Introduction."

PUT3003I

STATEMENT INFORMATION = N/A

UTILID	= &utilid	CHECKSUM	= &csum
UTYPE	= &utype	USERID	= &userid
TIME ACCESSED	= &time	DB2 SSID	= &db2ssid
STATUS	= &actflg		

The following variations of this message may appear, depending on whether –DISPLAY CA or –DISPLAY CA ACTIVE (active utilities) is requested:

UTILID	= &utilid	STATEMENT	= &stm
UTYPE	= &utype	USERID	= &userid
STATEMENT TIME	= &timea	DB2 SSID	= &db2ssid
STATUS	= &actflg		

UTILITY TIME	= &timea	CHECKSUM	= &csum
JOBNAME	= &jobname	PHASE	= &phase
DATABASE: &dbname OBJECT: &objname &pti &pri&cl &ins &ins2			
&rowi &rows STATUS: &stat			

The following may appear when no database or object information exist or when the restart row is only partial:

DATABASE AND OBJECT INFORMATION = N/A

Reason:

This message displays information about utility processing:

When there is no statement row or no row in primary restart table with AUTO-RESTART(NO) utility run, the following message text appears:

STATEMENT INFORMATION = N/A

When the utility information is available, the message text provides the following data:

&utilid

Identifies the utility ID.

&stm

Identifies the statement number in syntax.

&utype

Identifies the utility type (UNLOAD, REORG, and so on).

&userid

Identifies the user ID that submitted the job.

&timea

Identifies the current time of the utility.

&db2ssid

Identifies the subsystem ID (SSID) of the DB2 subsystem where the job is running. This field is displayed only when the ACTIVE keyword is specified on the –DISPLAY CA command.

&actflg

Identifies the utility status, ACTIVE or INACTIVE.

&csum

Identifies the CHECKSUM value (unique number based on utility syntax and objects that identifies a specific utility).

&jobname

Identifies the job name.

&phase

Identifies the current or last phase of the utility (ALLOCATION, UNLOAD, RELOAD, and so on).

&dbname

Identifies the database name.

When no database or object information exist or when the restart row is only partial, the following appears:

DATABASE AND OBJECT INFORMATION = N/A

&objname

Identifies the tablespace or indexspace pageset name.

&pti

Displays the PART label if partitions are processed. Blank if no partition number.

&prt

Identifies the partition number or blank if no partition number.

&cl

Identifies whether the object is BASE or CLONE.

&ins

Displays the INSTANCE label.

&ins2

Identifies the instance number.

&rowi

Displays the ROWS label if the utility is processing rows. Blank if not row-oriented processing utility.

&rows

Identifies last count of rows processed or blank if not row oriented.

&stat

Identifies the status of specific object (UNLOADED, LOADED, RECOVER NEEDED, and so on).

Action:

Review the informational messages to verify that the utility is executing properly. Check utility and object status, row counts, and so on. Verify for possible restart of the utility.

If the utility is inactive, this information helps you identify whether to restart the utility. If no restart is desired and no object recovery is needed, you can clean up the restart rows by either resubmitting the utility job with RESTART(BYPASS) specified in the EXEC parameter of the JCL, or by resubmitting the utility job with RESTART(TERM). RESTART(TERM) terminates the utility and deletes the restart rows. (Some utilities also reset the object status; see the RESET-STATUS keyword in the UTIL parmlib member.) Optionally, you can issue the –TERM CA command to clean up only restart rows.

PUT3008E

Invalid Command

Reason:

When using wildcarding with the TERM CA command, at least one database, spacename, utility-id, or userid must specify filtering criteria. By design, wildcarding will not allow for the termination of all utilities with a single command.

PUT3019W

An XManager error occurred while collecting active job information. No data was returned.

Reason:

The –DISPLAY CA ACTIVE command encountered an XManager error while trying to collect information about active CA utilities jobs. No job data was returned.

Action:

Review the job log of the job or TSO session that issued the –DISPLAY CA command for further error messages. If the jobs are running on a data-sharing DB2 system, review the job logs of the XManager address spaces on the remote systems.

Module:

UTADBCDP

PUT3020W

An XManager error occurred while collecting active job information. XManager was not available. No data was returned.

Reason:

The –DISPLAY CA ACTIVE command encountered an XManager error while trying to collect information about active CA utilities jobs. XManager was not available. No active job information was returned.

Action:

Review the job log of the job or TSO session that issued the –DISPLAY CA command for further error messages. If the jobs are running on a data-sharing DB2 system, review the job logs of the XManager address spaces on the remote systems.

Module:

UTADBCDP

PUT3021W

An XManager error occurred while contacting remote systems. DB2 was not available. No data was returned.

Reason:

The –DISPLAY CA ACTIVE command encountered an XManager error while trying to contact all the systems in a DB2 data-sharing group to report the status of active CA utility jobs on those systems. One or more of the systems reported that the requested DB2 subsystem was not available. No data was returned from the systems.

Action:

Review the job log of the job or TSO session that issued the –DISPLAY CA command and the job logs of the XManager address spaces on the remote systems for further error messages.

Module:

UTADBCDP

PUT3022W

An XManager error occurred while contacting remote systems. A communication error occurred. No data was returned.

Reason:

The –DISPLAY CA ACTIVE command encountered an XManager error while trying to contact all the systems in a DB2 data-sharing group to report the status of active CA utility jobs on those systems. XManager reported that a communication error occurred. No data was returned from the systems.

Action:

Review the job log of the job or TSO session that issued the –DISPLAY CA command and the job logs of the XManager address spaces on the remote systems for further error messages.

Module:

UTADBCDP

PUT3037E

Tablespace &DB..&TS.&PT. Exceeds Maximum Datasets.

Reason:

The specified tablespace has exceeded the maximum allowable data set size.

Action:

Create more available space by reorging the tablespace or recreating it with a larger data set size.

PUT3043E

TABLESPACE:&tsname LOB Insert Error - &module

Internal Reason Code: &reason

Key: &key

RID: &rid

MAPID: &mapid

Reason:

The utility encountered a LOB insert error.

Action:

Refer to the reason code for additional information to help determine the error.

PUT3501E

**CSMXPARS &FUNC failed RC=&RC, RSN=&RS
INFO=&INFO, LOWINFO=&LOW
DESC=&DESC
Module: &MODULE**

Reason:

CSMXPARS, the XML parsing service that interfaces to the IBM z/OS XML parser, has encountered an error. If the z/OS XML parser detected the underlying error, messages PUT3502E and PUT3518E follow this message. These messages provide more information about the failure.

This message provides the following information:

&FUNC

Identifies the function as INIT, TERM, or PARSE.

&RC

Indicates the return code from the service.

The following return codes can occur:

- 00—Success
- 08—Function failed
- 12—Parameter list error
- 16—Parser API is not available

&RS

Indicates the reason code from the service.

&INFO

Indicates the information code from the service.

&LOW

Indicates the lowest level information code from the service.

&DESC

Provides a description of the error.

&MODULE

Indicates which module issued the message.

Action:

Processing stops. The action to take varies according to the reason code that CSMXPARS issues:

1E

Indicates that the OS LOAD of the z/OS validating parser GXLIMODV failed. Verify that the GXLIMODV module has been added to the link pack area.

1F

Indicates that the z/OS XML parser INIT call failed. See message PUT3518E for more information.

20

Indicates that the z/OS XML nonvalidating parse failed. See message PUT3518E for more information.

21

Indicates that the z/OS XML validating parse failed in the first phase. See message PUT3518E for more information.

22

Indicates that the z/OS XML validating parse failed in the second phase. See message PUT3518E for more information.

23

Indicates that the z/OS XML parser reset function failed. See message PUT3518E for more information.

24

Indicates that the z/OS XML parser term failed. See message PUT3518E for more information.

25

Indicates that the OSR load service failed in the INIT call. Verify that the UTLYOSR module is in the STEPLIB concatenation.

26

Indicates that the OSR load service failed in the LIST call. The schema that is required to validate this XML document cannot be located because the internal DB2 tables are out of sync. Contact CA Support.

27

Indicates that the OSR load service failed in the LOAD call. The schema that is required to validate this XML document cannot be loaded. Increase the REGION size.

28

Indicates that the OSR load service failed in the TERM call. No action is required. Processing continues.

29

Indicates that the MBAR service failed in the GET call. Increase the MEMLIMIT value for the failing job.

2A

Indicates that there was insufficient room in the XML input prepend area. Save all output and contact CA Support.

3D

Indicates that the storage obtain failed for the primary save area. Increase the REGION size.

3E

Indicates that the storage obtain failed for the z/OS parser PIMA control block. Increase the REGION size.

PUT3502E

Failing text in Document ID: X'&DOCID'

XML offset: X'&OFF'

Before error: &PROCTXT

Failing text: &ERRTXT

Module: &MODULE

Reason:

An XML parsing operation has failed.

This message provides the following information:

&DOCID

Indicates the area of the input XML that caused the failure.

&OFF

Indicates the hexadecimal offset into the document where the error was detected.

&PROCTXT

Indicates the end of the XML text that the parser accepted.

&ERRTXT

Indicates the XML text where the parsing error was detected.

&MODULE

Indicates which module issued the message.

Action:

Processing stops. View message PUT3501E for more information. Then, correct the XML and retry the load operation.

PUT3503E

CSMNODID Node ID numbering service failed RC=&RC, RSN=&RS
Module: &MODULE

Reason:

The node ID numbering service has encountered an unexpected condition.

This message provides the following information:

&RC

Indicates the return code from the service.

&RS

Indicates the reason code from the service.

&MODULE

Indicates which module issued the message.

Action:

Processing stops. Contact CA Support and provide the output for analysis.

PUT3504E

**CSMXSTID String ID service failed RC=&RC, RSN=&RS
Module: &MODULE**

Reason:

The string ID service has encountered an unexpected condition.

This message provides the following information:

&RC

Indicates the return code from the service.

&RS

Indicates the reason code from the service.

&MODULE

Indicates which module issued the message.

Action:

Processing stops. Contact CA Support and provide the output for analysis.

PUT3505E

**UTM\$XML XML reader/writer failed RC=&RC, RSN=&RS
Module: &MODULE**

Reason:

The XML reader/writer service has encountered an unexpected condition.

This message provides the following information:

&RC

Indicates the return code from the service.

&RS

Indicates the reason code from the service.

&MODULE

Indicates which module issued the message.

Action:

Processing stops. Contact CA Support and provide the output for analysis.

PUT3506E

**Unable to get 64-bit storage for &NAME RC=&RC, RSN=&RS
Module: &MODULE**

Reason:

The 64-bit storage service cannot satisfy the XML parsing requirements.

This message provides the following information:

&NAME

Identifies the affected storage area.

&RC

Indicates the return code from the service.

&RS

Indicates the reason code from the service.

&MODULE

Indicates which module issued the message.

Action:

Processing stops. Increase the MEMLIMIT value and retry the operation.

PUT3507E

**Unable to get 31-bit storage for &NAME Len=&LEN
Module: &MODULE**

Reason:

The 31-bit storage service cannot satisfy the XML parsing requirements.

This message provides the following information:

&NAME

Identifies the affected storage area.

&RC

Indicates the return code from the service.

&RS

Indicates the reason code from the service.

&MODULE

Indicates which module issued the message.

Action:

Processing stops. Increase the REGION size and retry the operation.

PUT3508E

**Premature end of tokens, expected &AMOUNT more bytes of data
Module: &MODULE**

Reason:

The parsing service did not process the expected number of bytes.

This message provides the following information:

&AMOUNT

Indicates the number of bytes that the parsing service expected to process.

&MODULE

Indicates which module issued the message.

Action:

Processing stops. Contact CA Support and provide the output for analysis.

PUT3509E**XML token analysis has failed****Module: &MODULE****Reason:**

The parsing service encountered an unexpected condition while building a node map of the XML document.

This message provides the following information:

&MODULE

Indicates which module issued the message.

Action:

Processing stops. Various control blocks and data structures are also dumped. Contact CA Support and provide the output for analysis.

PUT3510E**Unable to add XML node to record****Module: &MODULE****Reason:**

The parsing service encountered an unexpected condition while cutting the XML document into records.

This message provides the following information:

&MODULE

Indicates which module issued the message.

Action:

Processing stops. Various control blocks and data structures are also dumped. Contact CA Support and provide the output for analysis.

PUT3511E

Unable to get storage for XML Node ID key
Module: &MODULE

Reason:

The available 64-bit storage is not sufficient to build the node ID index keys. This message is preceded by message PUT3506E.

This message provides the following information:

&MODULE

Indicates which module issued the message.

Action:

Processing stops. Increase the MEMLIMIT value and retry the operation.

PUT3512E

XML pruning process failed RC=&RC, RSN=&RSN
Module: &MODULE

Reason:

The XML document map was successfully built. However, an unexpected error occurred when the parser service was cutting the XML document into XML records.

This message provides the following information:

&RC

Indicates the return code from the service.

&RS

Indicates the reason code from the service.

&MODULE

Indicates which module issued the message.

Action:

Processing stops. Review the messages immediately preceding this message to identify the exact failure and determine the course of action to take.

PUT3513E**XML write failed for continuation record****Module: &MODULE****Reason:**

The XML reader/writer service failed while the XML parser service was creating the XML continuation records.

This message provides the following information:

&MODULE

Indicates which module issued the message.

Action:

Processing stops. Review the messages immediately preceding this message to identify the exact failure and determine the course of action to take.

PUT3514E**Unable to get storage for secondary XML Node ID key****Module: &MODULE****Reason:**

The available 64-bit storage is not sufficient to build the node ID index keys. This message is preceded by message PUT3506E.

This message provides the following information:

&MODULE

Indicates which module issued the message.

Action:

Processing stops. Increase the MEMLIMIT value and retry the operation.

PUT3515E

Unable to get storage for primary XML Node ID key
Module: &MODULE

Reason:

The available 64-bit storage is not sufficient to build the node ID index keys. This message is preceded by message PUT3506E.

This message provides the following information:

&MODULE

Indicates which module issued the message.

Action:

Processing stops. Increase the MEMLIMIT value and retry the operation.

PUT3516E

Unable to get storage for XML Node ID key elements
Module: &MODULE

Reason:

The available 64-bit storage is not sufficient to build the node ID index keys. This message is preceded by message PUT3506E.

This message provides the following information:

&MODULE

Indicates which module issued the message.

Action:

Processing stops. Increase the MEMLIMIT value and retry the operation.

PUT3517E

Write aborted, unable to complete index records

Module: &MODULE

Reason:

Immediately before writing the XML record, a primary node ID index record is created to index the record being written. The function call to build the key failed, so the current record is not written.

This message provides the following information:

&MODULE

Indicates which module issued the message.

Action:

Processing stops. Review the messages immediately preceding this message to identify the exact failure and determine the course of action to take.

PUT3518E

z/OS XML Parser error detected

RC=&XRC, &XRCTEXT

RS=&XRS, &XRSTEXT

Module: &MODULE

Reason:

The z/OS XML parser has encountered an error while parsing an XML document. This message is issued with PUT3502E, which provides more information about this error.

This message provides the following information:

&XRC, &XRCTEXT

Indicates the return code from the parser and provides a brief description.

XRS, XRSTEXT

Indicates the reason code from the parser and provides a brief description.

&MODULE

Indicates which module issued the message.

Action:

Processing stops. Determine the correct action to take by looking up the return and reason codes in the *IBM z/OS XML System Services User's Guide and Reference*.

PUT3519E

**zIIP service failed in &FUNC RC=&RC.,
RS=&RS., INFO=&INF.
DESC=&DESC
Module: &MODULE**

Reason:

The zIIP service in CA Common Services has encountered an error.

This message provides the following information:

&FUNC

Indicates the function that failed. Possible values are INIT, TERM, ONTO_zIIP, and ONTO_CPU.

&RC

Indicates the return code.

&RS

Indicates the reason code.

&INF

Indicates the information code.

&DESC

Provides descriptive text from the zIIP service.

&MODULE

Indicates which module issued the message.

Action:

Processing stops. Save the job output and submit it to CA Support.

PUT3520I

**&NBR. zIIP processors currently online
Activating zIIP services**

Reason:

The specified number of zIIP processors are currently online; therefore the zIIP services are activated.

Action:

Processing continues. The utility offloads as much CPU-intensive processing as possible to the zIIP processors.

PUT3521I

**No zIIP processors are currently online
zIIP services will not be activated**

Reason:

zIIP processors have been defined in the environment, but none of them are online. The zIIP services cannot be activated.

Action:

Processing continues. To avoid seeing this message again, verify that the zIIP processors are online.

PUT3522I

**zIIP processing has been suppressed
zIIP services will not be activated**

Reason:

The specified module has requested that the zIIP services not be used; therefore the zIIP services are not activated.

Action:

Processing continues.

PUT3523I

**CA Common Service's zIIP service API not found
zIIP services will not be activated**

Reason:

The zIIP services cannot be activated because the API cannot be found.

Action:

Processing continues.

To resolve this issue, verify the following items:

- The correct support level has been applied to CA Common Services.
- The CA Common Services load library is accessible through the system linklist.

PUT3524I

**No zIIP processors are available
zIIP services will not be activated**

Reason:

No zIIP processors are defined in the current environment. The zIIP services cannot be activated.

Action:

Processing continues.

PUT3525I**zIIP Statistics for &CALLER**

Statistics reflect only zIIP enabled subtasks:

Total TCB CPU Used..... &TOTTCB

Total SRB CPU Used..... &TOTSRB

CPU zIIP eligible on zIIP.... &ZONZIIP

CPU zIIP eligible on CP..... &ZONCP

CPU zIIP eligible total..... &ZQUAL

Reason:

A zIIP-enabled task is terminating. This message shows the zIIP statistics that were collected. If the &CALLER is Current Step, the displayed values represent the totals for all zIIP-enabled tasks in the current job step. Otherwise, &CALLER is the name of a program or function and the displayed values represent the statistics for that single task.

This message provides the following information:

&TOTTCB

Indicates the CPU time that a zIIP-enabled task used while running in task mode.

&TOTSRB

Indicates the CPU time that a zIIP-enabled task used while running in SRB mode.

&ZONZIIP

Indicates the CPU time that was used while running on a zIIP processor.

&ZONCP

Indicates the CPU time that was used while running on a general processor, even though the work was zIIP eligible.

&ZQUAL

Indicates the total CPU during which the work was zIIP eligible.

Action:

Processing continues. No action is required.

PUT3700I

&ssid &name: &value

Reason:

This message displays the value of a field in the input (UTAPK3PM) or output (#PEEK) parameter list to the UTAPEEK3 module.

Note: This message is issued in response to a –DISPLAY CA ACTIVE command with the TRACE keyword specified. Use the TRACE keyword only at the request of CA Support.

&ssid

Identifies the subsystem ID (SSID) of the DB2 subsystem to which the –DISPLAY CA ACTIVE request was directed.

&name

Identifies the name of the parameter list field.

&value

Identifies the value of the parameter list field.

Action:

Report the information in this message to CA Support.

Module:

UTAPEEK3

PUT3701I

&ssid *** UTMPK3PM at &addr ***

Reason:

This message displays the address of the UTMPK3PM input parameter list to the UTAPEEK3 module.

Note: This message is issued in response to a –DISPLAY CA ACTIVE command with the TRACE keyword specified. Use the TRACE keyword only at the request of CA Support.

&ssid

Identifies the subsystem ID (SSID) of the DB2 subsystem to which the –DISPLAY CA ACTIVE request was directed.

&addr

Identifies the address of the UTAPK3PM parameter list.

Action:

Report the information in this message to CA Support.

Module:

UTAPEEK3

PUT3702I

&ssid *** #PEEK at &addr ***

Reason:

This message displays the address of the #PEEK output parameter list from the UTAPEEK3 module.

Note: This message is issued in response to a –DISPLAY CA ACTIVE command with the TRACE keyword specified. Use the TRACE keyword only at the request of CA Support.

&ssid

Identifies the subsystem ID (SSID) of the DB2 subsystem to which the –DISPLAY CA ACTIVE request was directed.

&addr

Identifies the address of the #PEEK parameter list.

Action:

Report the information in this message to CA Support.

Module:

UTAPEEK3

PUT3703I

&ssid &message-text

Reason:

This message displays a line of text that is provided in the command output to indicate the status of a CA utility job running on a particular DB2 subsystem.

Note: This message is issued in response to a –DISPLAY CA ACTIVE command with the TRACE keyword specified. Use the TRACE keyword only at the request of CA Support.

&ssid

Identifies the subsystem ID (SSID) of the DB2 subsystem to which the –DISPLAY CA ACTIVE request was directed.

&message-text

Displays the line of text that is provided in the command output.

Action:

Report the information in this message to CA Support.

Module:

UTAPEEK3

PUT3704E

***&ssid* Error locating CA Anchor Table**

Reason:

The –DISPLAY CA ACTIVE command encountered an error while trying to locate the CA Anchor Table. Without this table, the command cannot continue.

&ssid

Identifies the subsystem ID (SSID) of the DB2 subsystem to which the –DISPLAY CA ACTIVE request was directed.

Action:

For assistance, contact CA Support at <http://ca.com/support>.

Module:

UTAPEEK3

PUT3705E

&ssid #UTL at ***&addr*** for ***&utilid*** has zero PEEK routine address.

Reason:

The –DISPLAY CA ACTIVE command encountered an error while trying to retrieve the status of a CA utility job. The product-specific PEEK routine could not be located. The command cannot continue processing.

&ssid

Identifies the subsystem ID (SSID) of the DB2 subsystem to which the –DISPLAY CA ACTIVE request was directed.

&addr

Identifies the address of the #UTL control block that was being processed at the time of error.

Action:

For assistance, contact CA Support at <http://ca.com/support>.

Module:

UTAPEEK3

PUT3708I

&ssid ***&count*** UTILID: ***&utilid*** TOKEN: ***&token***

Reason:

This message lists the utility IDs and tokens that were requested in a Query call to the UTAPEEK3 module.

Note: This message is issued in response to a –DISPLAY CA ACTIVE command with the TRACE keyword specified. Use the TRACE keyword only at the request of CA Support.

&ssid

Identifies the subsystem ID (SSID) of the DB2 subsystem to which the –DISPLAY CA ACTIVE request was directed.

&count

Identifies the sequence number of the UTILID/token entry in the UTMPK3PM parameter list.

&utilid

Identifies the utility ID (UTILID) of the requested CA utility job.

&token

Identifies the value of the token that is used to internally track the requested CA utility job.

Action:

Report the information in this message to CA Support.

Module:

UTAPEEK3

PUT4300E

SUBSYSTEM NOT FOUND IN JES TABLE

Reason:

The DB2 subsystem ID requested is not found in the JES tables that contain available DB2 subsystem IDs. Verify the spelling.

PUT4301E

INTERNAL DB2 BLOCK DOES NOT MATCH

Reason:

The DB2 subsystem ID requested is not found in the JES tables that contain available DB2 subsystem IDs or an internal error was found in the JES tables.

PUT4302I

DB2 CATALOG TABLE SYSCOPY UPDATED WITH REORG LOG(NO)

Reason:

The SYSCOPY table in the DB2 catalog has been updated with REORG LOG(NO). This message is informational only. No further action is required.

PUT4303I

DB2 CATALOG TABLE SYSCOPY UPDATED WITH IMAGECOPY

Reason:

The SYSCOPY table in the DB2 catalog has been updated with IMAGECOPY. This message is informational only. No further action is required.

PUT4304E**APPLICATION LACKS MVS APF AUTHORIZATION****Reason:**

Certain CA DB2 utility applications must be installed in MVS authorized libraries.

PUT4305E**PTADBZCH Internal Error - Storage Address Invalid (RC 20)****Reason:**

An internal error occurred while trying obtain authority to update the DB2 catalog (probably for SYSCOPY access).

Action:

Contact CA technical support for assistance.

PUT4306I**DB2 CATALOG TABLE SYSCOPY UPDATED WITH LOAD REPLACE LOG(NO)****Reason:**

The SYSCOPY table in the DB2 catalog has been updated with REPLACE LOG(NO). This message is informational only. No further action is required.

PUT4307I**DB2 CATALOG TABLE SYSCOPY UPDATED WITH LOAD LOG(NO)****Reason:**

The SYSCOPY table in the DB2 catalog has been updated with LOAD LOG(NO).

Action:

None.

PUT4308I

Index :INDEX [creator.]{idxname}.node SYSCOPY W Row Written

Reason:

When the UPDATE-SYSCOPY parameter is included in a REORG INDEX INDEX [creator.]{idxname}, this message indicates that a ROW was written to the DB2 Catalog Table "SYSCOPY".

Action:

You can use the information provided in this message for recovery in case of a job failure. The node is a unique numeric identifier for the Index. For example, .0001. The W in the message is an indicator in the DB2 Catalog Table "SYSCOPY" that a REORG is running.

PUT4309I

Tablespace &DB..&TS..&PT.

DB2 Catalog SYSCOPY inserted with ICTYPE '&ICTYPE.' - &TYPE.

Reason:

A row was inserted into the DB2 SYSCOPY table to register this utility's actions in the DB2 catalog. &ICTYPE indicates the action performed by the utility (X = REORG LOG YES, W = REORG LOG NO, Y = LOAD LOG NO, S = LOAD LOG REPLACE NO).

Action:

Verify that the proper utility registration was performed.

PUT4315W

UPDATE FAILED WITH SQLCODE -sql_code

**** ATTEMPTING RETRY ****

Reason:

The update failed but a RETRY is being attempted. See the IBM DB2 Messages and Codes for more information on the SQLCODE.

Action:

None.

PUT4321E**INITIALIZATION OF LOGRBA FAILED****Reason:**

An attempt to set up the utility environment has failed.

PUT4322I

Checkpoint Member:x'memb' **Range:**x'low.rba.lrsn'/x'hi.rba.lrsn'
For the checkpoint being used

Reason:

Provides checkpoint member information for the checkpoint being used:

x'memb' or x'0000'

Specifies the hexadecimal member number in a data sharing or non-data sharing environment, respectively.

x'low.rba.lrsn'/x'hi.rba.lrsn'

Specifies the low and high RBA or LRSN (log record sequence number) of the checkpoint being used.

Action:

None.

PUT4323I

PSK Member:x'memb' dbname.tsname.part x'rba.lrsn'
For the page set checkpoint found in the checkpoint range

Reason:

For the table being unloaded:

x'memb' or x'0000'

Specifies the hexadecimal member number in a data sharing or non-data sharing environment, respectively.

dbname

Specifies the database name.

tsname

Specifies the tablespace name.

part

Specifies the partition number relative to zero. This is c'0000' if the table is not partitioned.

Action:

None.

PUT4324I

**Log Reader called with Range:x'low.rba.lrsn'/x'hi.rba.lrsn'
For the DB2 log range for all objects being unloaded**

Reason:

For all objects being unload:

x'low.rba.lrsn'/x'hi.rba.lrsn'

Specifies the low and high RBA or LRSN (log record sequence number) for all objects being unloaded.

These values are used when reading the active and archive DB2 logs for all members in a data sharing environment.

Action:

This is an informational message.

PUT4325I

**All DB2 subsystems have stale checkpoints
Buffer pool lookup skipped**

Reason:

All DB2 checkpoints are older than 38 hours.

Action:

This is an informational message.

PUT4326I

Log Range Member:x'memb' **Range:**x'low.rba.lrsn'/x'hi.rba.lrsn'

Reason:

Provides log range member information for the log range being used:

x'memb' or x'0000'

Specifies the hexadecimal member number in a data sharing or non-data sharing environment, respectively.

x'low.rba.lrsn'/x'hi.rba.lrsn'

Specifies the low RBA and low LRSN to be used for the member.

Action:

None.

PUT4400I

INDEX KEYS LOADED value

Reason:

The value given in this message indicates the number of index keys that have been loaded. This message is informational only. No further action is required.

PUT4400I

INDEX KEYS INSERTED value

Reason:

The value given in this message indicates the number of index keys that have been inserted. This message is informational only. No further action is required.

PUT4400I

INDEX KEYS DELETED value

Reason:

The value given in this message indicates the number of index keys that have been deleted. This message is informational only. No further action is required.

PUT4401I

LEAF PAGES value

Reason:

The value given in this message indicates the number of leaf pages that exist. This message is informational only. No further action is required.

PUT4402I

NONLEAF PAGES value

Reason:

The value given in this message indicates the number of nonleaf pages that exist. This message is informational only. No further action is required.

PUT4403I

INDEX LEVELS value

Reason:

The value given in this message indicates the number of index levels that exist. This message is informational only. No further action is required.

PUT4404I

TOTAL PAGES ACTIVE value

Reason:

The value given in this message indicates the number of total active pages that exist. This message is informational only. No further action is required.

PUT4405I

INDEX: *index_name*

Reason:

The message gives the name of an index. This message is informational only. No further action is required.

PUT4406I

NULL INDEX KEYS DISCARDED*value*

Reason:

The specified number of null index keys have been discarded. This message appears when you are processing indexes that have been defined with EXCLUDE NULL KEYS.

Action:

Processing continues. No action is required.

PUT4420E

**TABLESPACE DATASET FAILED ALLOCATION DATASET WAS MIGRATED RETURN CODE:
*return_code***

REASON CODE: *reason_code*

INFO CODE: *info_code*

Reason:

The tablespace data set could not be allocated. The message provides you with the return code, and reason code. See the IBM *DB2 Messages and Codes* for more information.

PUT4423I

ALLOCATION COMPLETE FOR *dataset_name*

Reason:

The data set named in this message has been allocated successfully. This message is informational only. No further action is required.

PUT4425E

INDEX *dataset_name* FAILED ALLOCATION

Reason:

The index data set could not be allocated.

PUT4426E

RETURN CODE: *return_code*

REASON CODE: *reason_code*

INFO CODE: *info_code*

Reason:

The message provides you with the return code, and reason code. See the IBM *DB2 Messages and Codes* for more information.

PUT4427E

INDEXSPACE FAILED OPEN RETURN CODE: *return_code*

REASON CODE: *return_code*

MODULE: *module*

Reason:

An indexspace failed open. The message provides you with the return code, and reason code. See the IBM *DB2 Messages and Codes* for more information.

PUT4428W

SPACE-DEFN overrides failed

DSN: *&dsn*

Reason:

The overrides you specified for SPACE-DEFN have failed.

Action:

Correct the syntax and resubmit the job.

PUT5000E

CATALOG ACCESS PACKAGE INITIALIZATION HAS FAILED. PLEASE CONTACT CUSTOMER SUPPORT FOR ASSISTANCE.

Action:

For assistance, contact CA Support at <http://ca.com/support>.

PUT5001E

CATALOG ACCESS PACKAGE OPEN HAS FAILED. PLEASE CONTACT CUSTOMER SUPPORT FOR ASSISTANCE.

Action:

For assistance, contact CA Support at <http://ca.com/support>.

PUT5002E

CATALOG ACCESS PACKAGE FETCH FOR *type* HAS FAILED. PLEASE CONTACT CUSTOMER SUPPORT FOR ASSISTANCE.

Action:

For assistance, contact CA Support at <http://ca.com/support>.

PUT5003E

THE field HAS CHANGED FOR *type* '*name1..name2*.' SINCE THE START OF THIS UTILITY.

Reason:

The field named in this message has changed since the utility started.

PUT5004E

A NEW field HAS BEEN ADDED TO *type* '*name1..name2*.' SINCE THE START OF THIS UTILITY.

Reason:

The field named in this message has been added since the utility started.

PUT5005E

AN SQL ERROR HAS OCCURRED IN CSECT '*csect*':

Reason:

Indicates that the utility has encountered an unexpected SQL error in its processing. The location of the SQL error is listed.

PUT5006E

AN ERROR HAS OCCURRED TRYING TO FORMAT THE SQL ERROR.

Reason:

An error has occurred trying to format the SQL error.

PUT5007E

ANOTHER UTILITY HAS BEEN RUN SINCE THE START OF THIS UTILITY.

Reason:

Another utility has been run since the start of this utility.

PUT5008E

UNEXPECTED ERROR IN SVC 26

Action:

An unexpected error has occurred in SVC 26.

PUT5009I

num CANDIDATE VOLUMES WERE SUCCESSFULLY ADDED TO DATASET *dataset_name*.

Reason:

The value given in this message indicates the number of candidate volumes that were successfully added to the data set named in the message.

Action:

This message is informational only. No further action is required.

PUT5010I

num CANDIDATE VOLUMES WERE SUCCESSFULLY REMOVED FROM DATASET *dataset_name*.

Reason:

The value given in this message indicates the number of candidate volumes that were successfully removed from the data set named in the message.

Action:

This message is informational only. No further action is required.

PUT5012I

THE FOLLOWING DATASET DOES NOT EXIST: *dataset_name*.

Reason:

The data set named in this message does not exist. This message is informational only. No further action is required.

PUT5500E**Invalid Syntax found when parsing &WHERE Clause****Reason:**

There is invalid syntax in the &WHERE clause.

Action:

Verify the &WHERE clause and resubmit.

PUT5501E**&WHERE Clause: Constant Value is Invalid****Reason:**

There is a constant in the &WHERE clause that is invalid.

Action:

Verify the constant in the &WHERE clause and resubmit.

PUT5502E**&WHERE Clause: Comparison Operator is Unknown****Reason:**

There is a comparison operator in the &WHERE clause that is invalid.

Action:

Verify the comparison operator in the &WHERE clause and resubmit.

PUT5503E**&WHERE Clause: Current Date Syntax is Incorrect****Reason:**

There is an invalid current date syntax in the &WHERE clause.

Action:

Verify the current date syntax in the &WHERE clause and resubmit.

PUT5504E

TABLE NAME FOR ROW-SELECTION NOT FOUND IN THIS TABLESPACE

Reason:

You have specified a row-selection for a table that cannot be found. Check the spelling of the table name and resubmit the job.

PUT5505E

COLUMN: column_name WAS NOT FOUND IN SELECTED TABLE

Reason:

The column name given in this message was not found in the selected table. Check the spelling of the column name and resubmit the job.

PUT5506E

COLUMN: column_name NUMERIC FIELD GREATER THAN 15 BYTES

Reason:

The column name given in this message is a numeric field greater than 15 bytes. Correct the name and resubmit the job.

PUT5507E

COLUMN: column_name IS COMPARING AGAINST A NON-NUMERIC FIELD

Reason:

You have specified a column name that is numeric and cannot be compared against a non-numeric field.

PUT5508E

COLUMN: column_name HAS AN UNSUPPORTED DATA TYPE

Reason:

The column name given in this message has an unsupported data type. Verify the data in the column and resubmit the job.

PUT5509E

COLUMN: column_name STARTING/ENDING POSITION INVALID

Reason:

The column name given in this message has an invalid starting or ending position.

PUT5511E

COLUMN: column_name IS NOT NULL DEFINED COLUMN

Reason:

The column name given in this message is not a NULL column.

PUT5513W

COMPARE VALUE EXCEEDS MAXIMUM ALLOWABLE POSITIVE VALUE FOR A SMALLINT

Reason:

You have attempted a compare value that exceeds the maximum allowed for a SMALLINT.

PUT5514W

COMPARE VALUE EXCEEDS THE MAXIMUM ALLOWABLE NEGATIVE VALUE FOR A SMALLINT

Reason:

You have attempted a compare value that exceeds the maximum allowed negative value for a SMALLINT.

PUT5515W

COMPARE VALUE EXCEEDS THE MAXIMUM ALLOWABLE NEGATIVE VALUE FOR AN INTEGER

Reason:

You have attempted a compare value that exceeds the maximum allowed negative value for a INTEGER.

PUT5516W

COMPARE VALUE EXCEEDS THE MAXIMUM ALLOWABLE POSITIVE VALUE FOR AN INTEGER

Reason:

You have attempted a compare value that exceeds the maximum allowed positive value for a INTEGER.

PUT5517E

COLUMN: column_name COMPARISON TIMESTAMP SYNTAX IS INVALID

Reason:

The column name given in this message cannot be compared to a TIMESTAMP.

PUT5518E

&WHERE Clause: Date Function not Valid

Reason:

There is a date function in the &WHERE clause that is invalid.

Action:

Verify the date function in the &WHERE clause and resubmit.

PUT5519E

&WHERE Clause: Numeric Literal not Valid

Reason:

There is a numeric literal in the &WHERE clause that is invalid.

Action:

Verify the numeric literal in the &WHERE clause and resubmit.

PUT6000E

RID X'rid' WAS NOT FOUND IN INDEX creator.name. PLEASE CONTACT CUSTOMER SUPPORT FOR ASSISTANCE. KEY DATA WAS:

Action:

For assistance, contact CA Support at <http://ca.com/support>.

PUT6000E

RID *X'rid'* COULD NOT BE LOCATED IN DATASET. PLEASE CONTACT CUSTOMER SUPPORT FOR ASSISTANCE.

Action:

For assistance, contact CA Support at <http://ca.com/support>.

PUT6001E

LOAD FAILED FOR EDITPROC '*module*.'

Reason:

The load of the ediproc named in this message failed.

PUT6002E

BAD FUNCTION REQUEST TO PROGRAM UTA@IXIO. WHILE PROCESSING INDEX *creator.name*. PLEASE CONTACT CUSTOMER SUPPORT FOR ASSISTANCE.

Action:

For assistance, contact CA Support at <http://ca.com/support>.

PUT6003E

OPEN FAILED FOR UTILDS DDNAME *ddname*.

WHILE PROCESSING INDEX *creator.name*.

Reason:

The DDNAME could not be opened.

Action:

Check the spelling of the DDNAME.

PUT6004E

UTAGLDEB FAILED WITH RETURN CODE: '*return_code*.' WHILE PROCESSING INDEX *creator.name*.

Reason:

The UTAGLDEB failed with the return code given in this message.

PUT6005E

***type* EXCP ERROR WHILE PROCESSING INDEX *creator.name*. PLEASE CONTACT CUSTOMER SUPPORT FOR ASSISTANCE.**

Action:

For assistance, contact CA Support at <http://ca.com/support>.

PUT6006E

THE PAGE NUMBER READ X'*read*' DOES NOT MATCH THE EXPECTED PAGE NUMBER X'&EXPECTED.' WHILE PROCESSING INDEX *creator.name*. PLEASE CONTACT CUSTOMER SUPPORT

Action:

For assistance, contact CA Support at <http://ca.com/support>.

PUT6007E

PAGE NUMBER BEING READ WHILE PROCESSING INDEX *creator.name*. *IS NOT IN THE* TABLESPACE PLEASE CONTACT CUSTOMER SUPPORT FOR ASSISTANCE.

Reason:

Processing error.

Action:

For assistance, contact CA Support at <http://ca.com/support>.

PUT6008E

INVALID RBA ENCOUNTERED WHILE PROCESSING INDEX *creator.name*. PLEASE CONTACT CUSTOMER SUPPORT FOR ASSISTANCE.

Reason:

Processing error.

Action:

For assistance, contact CA Support at <http://ca.com/support>.

PUT6009E

**BAD NEW PAGE NUMBER ENCOUNTERED WHILE PROCESSING INDEX *creator.name*.
PLEASE CONTACT CUSTOMER SUPPORT FOR ASSISTANCE.**

Reason:

Processing error.

Action:

For assistance, contact CA Support at <http://ca.com/support>.

PUT6010E

**BAD SPACEMAP EXTEND WHILE PROCESSING INDEX *creator.name*. PLEASE CONTACT
CUSTOMER SUPPORT FOR ASSISTANCE.**

Action:

For assistance, contact CA Support at <http://ca.com/support>.

PUT6011E

***type* ERROR AGAINST VSAM DATASET**

'*data_set*.' RETURN CODE: *return_code*., REASON CODE: *reason_code*

Reason:

The message provides you with the return code, and reason code. See the IBM *DB2 Messages and Codes* for more information.

PUT6012E

**ALLOCATE FAILED FOR DATASET '*data_set*.' RETURN CODE: *return_code*., REASON
CODE: *reason_code***

Reason:

The message provides you with the return code, and reason code. See the IBM *DB2 Messages and Codes* manual for more information.

PUT6013E

PREFORMAT FAILED: message

Reason:

The PREFORMAT failed due to the reason given in this message.

PUT6014E

ALLOCATE FAILED FOR UTILDS DATASET CHECK UTIL PARMLIB MEMBER

Reason:

The UTILDS data set failed allocated. Check the UTIL parmlib member.

PUT6015E

ATTACH FOR MODULE module FAILED

Reason:

The ATTACH for the module named in this message failed.

PUT6016E

ZL TREE IS MISSING.

Reason:

ZL tree is missing.

PUT6017E

ROW HARDWARE COMPRESSION FAILED.

Reason:

Row hardware compression failed.

PUT6018E

CALL TO EDITPROC FAILED.

Reason:

Editproc call failed.

PUT6019E

AN INDEX SUBTASK HAS ABENDED.

Reason:

An index subtask has abended.

PUT6020E

INDEX INSERT KEY WITH RID X'rid' IS A DUPLICATE. PLEASE CONTACT CUSTOMER SUPPORT FOR ASSISTANCE.

Action:

For assistance, contact CA Support at <http://ca.com/support>.

PUT6021E

THE AMOUNT OF FREE SPACE IN INDEX PAGE X'page' CALCULATED DURING GARBAGE COLLECTION WAS LESS THAN THE AMOUNT SPECIFIED IN THE PAGE HEADER.

Reason:

Processing error.

PUT6022E

DUPLICATE KEYS FOUND WHILE SPLITTING A NON-LEAF PAGE. PLEASE CONTACT CUSTOMER SUPPORT FOR ASSISTANCE.

Action:

For assistance, contact CA Support at <http://ca.com/support>.

PUT6023E

A BAD INDEX PROCESS REQUEST TYPE WAS FOUND. PLEASE CONTACT CUSTOMER SUPPORT FOR ASSISTANCE.

Action:

For assistance, contact CA Support at <http://ca.com/support>.

PUT6024E

STORAGE ACQUISITION HAS FAILED. PLEASE TRY INCREASING REGION SIZE. IF THIS FAILS, CONTACT CUSTOMER SUPPORT FOR ASSISTANCE. THE GETMAIN FAILED IN CSECT 'csect'

Action:

Try increasing the region size in your JCL.

For assistance, contact CA Support at <http://ca.com/support>.

PUT6025W

UNABLE TO ADJUST VSAM VOLUME EXTENT QUANTITY FOR DATASET data_set.

Reason:

Processing error.

PUT6026E

UNKNOWN CALL TYPE, PLEASE CALL CUSTOMER SUPPORT

Action:

For assistance, contact CA Support at <http://ca.com/support>.

PUT6027E

UNUSABLE UCB TYPE ENCOUNTERED WHILE PROCESSING INDEX creator.name. PLEASE CALL CUSTOMER SUPPORT

Action:

For assistance, contact CA Support at <http://ca.com/support>.

PUT6028E

INVALID DATATYPE, PLEASE CALL CUSTOMER SUPPORT

Action:

For assistance, contact CA Support at <http://ca.com/support>.

PUT6029E

RID X'rid' WAS NOT FOUND IN INDEX creator.name. FOUND RID X'&BADRID.' INSTEAD.

PLEASE CONTACT CUSTOMER SUPPORT FOR ASSISTANCE. MODULE INFO CODE WAS X'info.'.

KEY DATA WAS:

Reason:

Processing error.

Action:

For assistance, contact CA Support at <http://ca.com/support>.

PUT6030E

RID X'rid' WAS NOT FOUND IN INDEX creator.name. PLEASE CONTACT CUSTOMER SUPPORT FOR ASSISTANCE.

MODULE INFO CODE WAS X'info_code.'

KEY DATA WAS:

Reason:

Processing error.

Action:

For assistance, contact CA Support at <http://ca.com/support>.

PUT6031E

ATTEMPTING TO OBTAIN PAGE X'00000000' DURING INSERT PROCESS FOR INDEX creator.name. PLEASE CONTACT CUSTOMER SUPPORT FOR ASSISTANCE. RID X'rid'

MODULE INFO CODE WAS X'info_code.'

KEY DATA WAS:

Reason:

Processing error.

Action:

For assistance, contact CA Support at <http://ca.com/support>.

PUT6100E

I/O ERROR DURING *function* RETURN CODE: *return_code*.,REASON CODE: *reason_code*
FOR *dataset_name*

DETECTED IN CSECT *csect*

Reason:

The message provides you with the return code, and reason code. See the IBM *DB2 Messages and Codes* for more information.

Action:

For assistance, contact CA Support at <http://ca.com/support>.

PUT6101E

INVALID PAGE page_number **DETECTED IN CSECT** csect **Previous page:** previous_page
DSN: dataset_name

Reason:

The utility detected a nonleaf data page while reading the next leaf page in logical sequence from an index object. Processing stops.

Action:

Save the dump output and the console output, and examine them to determine the cause of the problem. If the same pages are repeatedly reported from this program, other DB2 utilities, or SQL accesses to the same object, you may have a corrupt index.

PUT6103E

Unable to load DB2 service module
Func=&function, Service: &service, &subservice
RC=&rc, RSN=&rsn, INFO=&info
Detected in &module

Reason:

The utility cannot access a DB2 service module that is required to process the current database component. Processing stops.

This message provides the following information:

&function

Indicates the function that was taking place when the error occurred (INIT, LOAD, or TERM).

&service

Indicates the primary service area in which the error occurred. This area may be a module name or a functional area such as INDEX.

&subservice

Indicates the specific service. The service may be a CSECT name or a functional name such as COMP for compression or DECOMP for decompression.

&rc, &rsn, &info

Indicate the return code, reason code, and information code from the CSALCMOD service routine.

&module

Indicates the name of the program issuing this message.

Action:

Verify that the IBM DB2 load library is in the STEPLIB or link list concatenation, and then resubmit the job.

PUT6104E**Decompression of index leaf page failed****RC=&rc, Page=&pagenbr****Detected in &module****Reason:**

The DB2 decompression service failed when it was called to decompress the index leaf page for a compressed index. Processing stops.

This message provides the following information:

&rc

Indicates the decompression service return code.

&pagenbr

Indicates the index leaf page number being decompressed.

&module

Indicates the name of the program issuing this message.

Action:

The index leaf page may be corrupted. View the subsequent messages to identify the affected tablespace, and then rebuild the index.

PUT6201E**INVALID PAGE *page_number* DETECTED IN CSECT *csect* INDEX: *creator.name*****Reason:**

Processing error.

PUT6202E

ERROR OPENING INDEX *creator.name*

DETECTED IN CSECT *csect*

PROVIDE THE MESSAGES AND SNAP DUMP TO CUSTOMER SUPPORT

Reason:

Processing error.

Action:

For assistance, contact CA Support at <http://ca.com/support>.

PUT6203E

ERROR READING INDEX *creator.name* DETECTED IN CSECT *csect* PAGE#: *page_number*

RETURN CODE: *return_code*

REASON CODE: *reason_code* PROVIDE THE MESSAGES AND SNAP DUMP TO CUSTOMER SUPPORT

Reason:

Processing error.

Action:

For assistance, contact CA Support at <http://ca.com/support>.

PUT6203I

Error Reading Index *CREATOR.SPACE* Detected in CSECT *MODNAME* Attempting Retry Based on STOP-LIMIT Value.

Where:

- *CREATOR* is the DB2 space creator's ID.

- *SPACE* is the index space name.

- *MODNAME* is the name of the module that detected the error.

Reason:

This message displays when a utility cannot communicate with DB2.

Action:

The utility waits a specified amount of time and tries again. If communication cannot be established, this message is repeated. This iterative process continues until communication with DB2 is established or until the number of retries reached the value of STOP-LIMIT.

PUT6204E

Index &CR..&IX..&PT. GETDIR Error

Expected Page: &EX., Max_Page of Dataset: &MX.

MMGR Return Code: &RTN., Reason Code: &RSN.

Reason:

An IBM Media Manager error occurred while trying to obtain the index page identified in the message.

Action:

Contact CA technical support for assistance.

PUT6205E

Index &CR..&IX..&PT. PUTSEQ Error

Expected Page: &EX., HURBA: &HU.

MMGR Return Code: &RTN., Reason Code: &RSN.

Reason:

An IBM Media Manager error occurred while trying to write the index page identified in the message.

Action:

Contact CA technical support for assistance.

PUT6206E

Index &CR..&IX..&PT. PUTCHUNK Error
MMGR Return Code: &RTN., Reason Code: &RSN.

Reason:

An IBM Media Manager error occurred while using EXCP to write a group of index pages for the index identified in the message.

Action:

Contact CA technical support for assistance.

PUT6207E

HEADER PAGE VALIDATION ERROR DETECTED EXPECTED HPGOBID VALUE:
***expected_value* READ HPGOBID VALUE:**

read_value

Reason:

Processing error.

PUT6208E

Index &CR..&IX..&PT. CHECK Error
MMGR Return Code: &RTN., Reason Code: &RSN.

Reason:

An IBM Media Manager error occurred while checking whether I/O was completed for a group of index pages for the index identified in the message.

Action:

Contact CA technical support for assistance.

PUT6209E

Index &CR..&IX..&PT. OPEN Error
MMGR Return Code: &RTN., Reason Code: &RSN.

Reason:

An IBM Media Manager error occurred while trying to open the index identified in the message.

Action:

Contact CA technical support for assistance.

PUT6210E

Error reading LOB in module &MODULE
Internal Error code: &ERRCODE

Reason:

An internal error occurred while the utility was reading a LOB in the specified module.

Action:

Save the job output and dump (if any) and contact CA Support for assistance.

PUT6211W

Index On Expression SQL Function &FUNCTION is not currently supported.

Reason:

The utility encountered an index on expression (IOE) that was created using an unsupported SQL function.

Action:

Processing continues. If SWITCH-TO-IBM YES is specified in the UTIL parmlib member, the utility calls IBM to process the IOE. If SWITCH-TO-IBM NO is specified, the IOE is not built.

PUT6242E

VSAM GET routine failed - Return Code: &rtm
Reason Code: &rcode Module: &module
VSAM PUT routine failed - Return Code: &rtm
Reason Code: &rc DDNAME: &ddn Module: &module
MMGR &FUNCTION routine failed in module &module
TCB: &tc Buffer Address: &buffer
Return Code: &rtm Reason Code: &rcode
DSN: &dsn

Reason:

The first two instances of this message indicate that an error occurred trying to write to a VSAM page. The module name for which the write error occurred is provided.

This message also occurs when the specified Media Manager function failed within the indicated module. Most likely, you need to allocate more space for the data set. The task control block, return code, reason code, buffer, and data set name are provided. See the IBM *DB2 Messages and Codes* manual to review any accompanying IBM related messages given with this error message.

VSAM Return and Reason Codes are documented in *VSAM Macro Return and Reason Codes* section of the *DFSMS/MVS Macro Instructions for Data Sets* manual, or the *Macro Instruction Return Codes and Reason Codes* section of the *MVS/DFP Macro Instructions for VSAM Data Sets* manual.

Action:

See *IBM DB2 Messages and Codes* to help you resolve the Media Manager problem.

Locate any accompanying IEC070I or IEC161I messages. These messages, with their return codes and their explanation from the *IBM DB2 Messages and Codes* manual, will also help resolve the problem.

PUT6300E

**Storage Acquisition has failed.
The GETMAIN failed in CSECT '&GETCSECT'
Please try increasing REGION Size.**

Reason:

The specified REGION size is insufficient for the utility options requested. Processing stops.

Action:

Increase the region size for this step or change the utility options so that less memory is requested.

PUT6301E

LOAD for load module UTL@DSQL failed in CSECT '&GETCSECT'

Reason:

An internal error occurred when the utility attempted to load the specified module. This error may be due to insufficient region size or an authorization failure. Processing stops.

Action:

Increase the region size specified in the JOB statement for this job. Also review the user authorizations that are required to run this utility. Authorizations are documented in the user guides for each utility. Then resubmit the job. If the error persists, contact CA Technical Support for assistance.

PUT6302E

ENQUEUE failed for IBM mapping table in CSECT '&GETCSECT'

Reason:

The utility attempted to enqueue the mapping table because it is needed by multiple concurrent jobs. However, an internal error occurred in the specified CSECT. Processing stops.

Action:

Contact CA Technical Support for assistance and provide the name of the CSECT.

You can use either of the following workarounds to eliminate the need for an enqueue and process your jobs:

- When running jobs that require a mapping table, run only one job at a time. Do not run them concurrently.
- Do not use serialization when running jobs that require a mapping table. This lets the utility create and use multiple mapping tables, instead of requiring it to create and use a single mapping table.

PUT6303E

DEQUEUE failed for IBM mapping table in CSECT '&GETCSECT'

Reason:

The utility attempted to dequeue a mapping table that is needed by multiple concurrent jobs. However, an internal error occurred in the specified CSECT. Processing stops.

Action:

Contact CA Technical Support for assistance and provide the name of the CSECT.

You can use either of the following workarounds to eliminate the need for a dequeue and process your jobs:

- When running jobs that require a mapping table, run only one job at a time. Do not run them concurrently.
- Do not use serialization when running jobs that require a mapping table. This lets the utility create and use multiple mapping tables, instead of requiring it to create and use a single mapping table.

PUT6304E

SQL &STMT failed with SQLCODE &CODE in CSECT '&GETCSECT'

Reason:

An SQL error occurred when the utility attempted to process the specified SQL statement in the specified CSECT. Processing stops.

Action:

Look up the SQL code in IBM *DB2 Messages and Codes* to determine the cause of the error.

PUT6305I

**Mapping table &MAP in use - waiting for another
CA REORG DATA-AVAILABLE CRITICAL job to release it**

Reason:

Another CA Rapid Reorg job is currently using the specified mapping table. Your job cannot process until the mapping table is available.

Action:

No action is required. When the other CA Rapid Reorg job completes, your job will process. If your job requires immediate processing, you can cancel it, specify a different mapping table by using the MAPPINGTABLE keyword, and then resubmit the job.

If you frequently encounter this message, consider configuring your PORM parmlib member to create multiple mapping tables so that you can process multiple CA Rapid Reorg online jobs concurrently.

For more information about mapping tables, the MAPPINGTABLE keyword, and the PORM parmlib member, see the *CA Rapid Reorg User Guide*.

PUT7001E

DYNAMIC ALLOCATION PARSING ERROR HAS OCCURRED IN MODULE *module*

Reason:

Dynamic allocation has failed.

PUT7002E**DYNAMIC ALLOCATION****UNKNOWN PARMLIB KEYWORD:** *keyword***Reason:**

The keyword specified in this message is an unknown option.

Action:

Remove the keyword and resubmit the job.

PUT7002I**VALID KEYWORDS: DSN, DISP, NDISP, CDISP AND STORCLASS DETECTED IN MODULE**
*module***Action:**

This message is informational only. No further action is required.

PUT7003E**DYNAMIC ALLOCATION: SYMBOL** *symbol* **IS INVALID****Reason:**

The symbol given in this error message is invalid for dynamic allocation.

Action:

Remove the symbol and resubmit the job.

PUT7004E**DYNAMIC ALLOCATION: INVALID DATASET NAME NODE:** *node***Reason:**

The name node given in this message is invalid for dynamic allocation.

Action:

Remove the node and resubmit the job.

PUT7005E

DYNAMIC ALLOCATION: INVALID DATASET NAME LENGTH DETECTED IN MODULE *module*

Reason:

The length of the data set name is invalid.

PUT7005I

DSN: *dataset_name*

Reason:

This message is informational only. No further action is required.

PUT7006E

DYNAMIC ALLOCATION: INVALID DISP: *data_set* DETECTED IN MODULE *module*

Reason:

The DISP data set named in this message is invalid for dynamic allocation.

PUT7007E

DYNAMIC ALLOCATION: INVALID DATASET NAME: *dataset_name* DETECTED IN MODULE *module*

Reason:

The data set name given in this message is invalid for dynamic allocation.

PUT7008E

DYNAMIC ALLOCATION: PROCESS FAILED FOR *module* DETECTED IN MODULE *module*

Reason:

Dynamic allocation failed. The module name is given.

PUT7009I

DYNAMIC ALLOCATION HAS SUCCESSFULLY COMPLETED ISSUED FROM *module*

Reason:

This message is informational only. No further action is required.

PUT7010E

DYNAMIC ALLOCATION: ERROR IN PARMLIB PROCESSING RETURN CODE: *return_code*

Reason:

Dynamic allocation failed. The return code is given.

PUT7010E

DYNAMIC ALLOCATION: ERROR IN SVC 99 DETECTED IN MODULE *module*

Reason:

Dynamic allocation failed. The module name is given.

PUT7015I

***dataset_name message* DEALLOCATED**

MODULE: *module*

Reason:

This message is informational only. No further action is required.

PUT7016E

TAPE THRESHOLD PARAMETER IS INVALID DETECTED IN MODULE *module*

Reason:

The value specified for the TAPE THRESHOLD parameter is invalid in the module given in this message. Correct the parameter and resubmit the job.

PUT7017E

TAPE EXPIRATION DATE IS INVALID DETECTED IN MODULE *module*

Action:

Change the TAPE EXPIRATION DATE value and resubmit the job.

PUT7018E

TAPE RETENTION PERIOD IS INVALID DETECTED IN MODULE *module*

Action:

Change the TAPE RETENTION PERIOD value and resubmit the job.

PUT7019E

TAPE VOLUME COUNT IS INVALID DETECTED IN MODULE *module*

Action:

Change the TAPE VOLUME COUNT value and resubmit the job.

PUT7020W

SPACE-OVER PARAMETER SUPERCEEDS THRESHOLD PARAMETER DETECTED IN MODULE *module*

Action:

Check the values for SPACE-OVER and the THRESHOLD PARAMETER.

PUT7021E

EXPDT AND RETPD ARE MUTUALLY EXCLUSIVE DETECTED IN MODULE *module*

Reason:

You cannot specify EXPDT and RETPD. Remove one or the other and resubmit the job.

PUT7022E

PCTSPACE PARAMETER IS INVALID DETECTED IN MODULE *module*

Action:

Change the PCTSPACE value and resubmit the job

PUT9041I

Clustering index is defined with EXCLUDE NULL KEYS. Switching to RECLUSTER NO SORTDATA NO.

Reason:

A table has a clustering index that is defined with EXCLUDE NULL KEYS. This index type cannot be used to extract data from the table because it may not contain an entry for each table row.

Action:

Processing continues. No action is required. The table is read without an index to extract every row in the table.

PUT9800E

INDEX INSERT FAILED WITH RETURN CODE: *return_code*

Reason:

The index insert failed. The message provides you with the return code. See the IBM *DB2 Messages and Codes* for more information

PUT9801E

AN ATTEMPT TO INSERT A KEY INTO A UNIQUE INDEX FAILED BECAUSE THE KEY WAS FOUND TO BE A DUPLICATE OF ONE THAT WAS INSERTED INTO A DIFFERENT PARTITION WHILE THIS UTILITY WAS RUNNING. THE TABLESPACE AND INDEX PARTITIONS AND ALL NON-CLUSTERING INDEXES MUST BE RECOVERED.

Action:

Check to see if the key is a duplicate or if you have inserted it into a different partition while the utility was running. Recover the tablespace and all non-clustering indexes.

PUT9807E

**Partition instantiation for a Partition By Growth Tablespace failed
Part number: &PART., Return Code: &RCODE., Reason Code: &REASON**

Reason:

A utility was unable to create a partition in a partition-by-growth tablespace.

Action:

Processing stops. Review the reason code, which can be a DB2 error code or a utility reason code. If it is a DB2 error code, refer to IBM documentation to identify and fix the problem. If it is a utility reason code, contact CA Support and provide the information shown in this message.

PUT9808E

**UTA@IXM5 Index Space Map error has occurred at page: &pppppppp
IPSNENTS+IPSLUSED: &nnnnuuuu IPSNFREE+IPSFFREE: &ooooffff**

Reason:

During a reorganization, the utility encountered an index space map page that was encoded as being full when that same page was also encoded with available entries. For this page, the value in IPSNENTS was equal to the value in IPSFFREE, which indicates that the page is fully populated. However, the IPSNFREE value is greater than zero, which indicates that the page has more entries that can be used. Processing stops.

This message provides the following information:

&pppppppp

Identifies the index space map page number.

&nnnnuuuu

Provides the following information:

nnnn

Shows the IPSNENTS value for the number of pages covered by this space map page.

uuuu

Shows the IPSLUSED value for the index of the last used entry.

&ooooffff

Identifies the following information:

oooo

Shows the IPSNFREE value for the number of free entries,

ffff

Shows the IPSFFREE value for the index of the first unused entry.

Action:

Save the job output and contact CA Support.

Note: No recovery is necessary because the reorganization did not complete.

PUT9999I

**- MESSAGE PROCESSOR DID NOT FIND MESSAGE ID &id
RELINK THE EXTERNALIZED MESSAGE TEXT OR CONTACT CA-CUSTOMER SUPPORT**

Reason:

The indicated message ID is not a valid error message.

Action:

Relink the externalized message text to a valid message ID.

PXA Messages

Messages with the PXA prefix are generated from CA Partition Expert.

PXA0001

KEYWORD IS INVALID - keyword

Reason:

The specified keyword is incorrect.

Action:

Correct the syntax and resubmit the job.

PXA0002

**REPARTITIONING TYPE IS INVALID OR INCOMPATIBLE WITH
SINGLE-PARTITION-NUMBER tt**

Reason:

The combination of keywords and values selected for TYPE and associated parameters is incorrect. The error was discovered in a step after this original error was discovered. The probable error is an incorrect restart (the wrong step was restarted after an error).

Action:

Review all jobs/steps involved and correct the problem.

PXA0003

SPECIFIED VARIABLE EITHER NOT DEFINED OR INCORRECT LENGTH - value

Action:

Correct the value for the keyword and resubmit the job.

PXA0004

SYNTAX OR LENGTH ERROR - FORMAT IS: KEYWORD VARIABLE

Reason:

While parsing the input statement an error was discovered and parsing stopped. The format of a statement is one keyword followed by the associated variable. Minimum and maximum lengths exist for the keywords and variables. Variable entries not within the limits will fail with this message.

Action:

Correct the syntax and resubmit the job.

PXA0006

INCORRECT OPTIONS CHOSEN FOR TYPE, ROLL-DIRECTION, AND/OR ROLL-METHOD

Reason:

The combination of keywords and values selected is incorrect.

PXA0007

REQUIRED KEYWORD IS MISSING - keyword

Reason:

The required keyword was not found in the input stream.

PXA0008

SINGLE-PARTITION-NUMBER NOT VALID WITH SPECIFIED TYPE

Action:

See the product documentation for the correct TYPE parameters. Correct the syntax and restart the job.

PXA0010

**ERROR SQL CODE xxxxx REFERENCING SYSDBASE OBJECTS FOR CREATOR.TABLE
cccccc.tttttttt ON ssid**

Reason:

A SQL error occurred terminating the program.

Action:

Review the SQL code in the *DB2 Messages and Codes* manual to determine the cause of the failure. Correct the problem or, if the SQL return code is -911, consider running the job when less catalog contention is occurring.

PXA0011

CREATOR.TABLE ccccc.tttttttt IS NOT DEFINED AS A BASE TABLE ON ssid

Reason:

The specified table is not a base table on the subsystem indicated.

Action:

If the table is a view, change the name to the base table name. Correct the problem and resubmit the job.

PXA0012

ERROR - CREATOR.TABLE ccccc.tttttttt IS NOT A PARTITIONED TABLE ON ssid

Reason:

The specified table is not a partitioned table on the subsystem indicated. The utility only works on partitioned tables.

Action:

Correct the problem and resubmit the job.

PXA0013

A COLUMN TYPE IN THE ROW CANNOT BE CONVERTED.

Reason:

The row contained a column type which cannot be converted to DB2 external format.

PXA0015

PARSING FOR PARTITION EXPERT STARTED. ONE KEYWORD WITH ONE VARIABLE PER STATEMENT IS REQUIRED.

Reason:

Parsing the input statements has started. Only one keyword and one variable per statement is valid.

PXA0016

PARSING FOR PARTITION EXPERT ENDED SUCCESSFULLY

Reason:

Parsing the input statements has ended successfully.

PXA0017

PARSING FOR PARTITION EXPERT ENDED UNSUCCESSFULLY

Reason:

Parsing the input statements has ended unsuccessfully. Other messages appear prior to this message indicating the error(s).

Action:

Correct the input and restart the job.

PXA0019

SMOOTHING IS ONLY VALID FOR TYPE MULTIPLE

Reason:

The type specified in JOB 1 must be MULTIPLE. Attempting to smooth using the incorrect type is not allowed.

PXA0020

**CAF ERROR RETURN CODE= rrrrrrr REASON CODE= rrrrrrrr, PARMS ffffffff ssss
pppppppp**

Reason:

An error was encountered attempting to attach to DB2 using the call attach (CAF). The *Return and Reason Codes* indicate the IBM failure information. The parameters indicate the CAF function code, the DB2 subsystem, and the plan name involved.

Action:

Correct the problem and restart the job in the failing step.

PXA0021

PARTITION EXPERT HAS EXPIRED ON ssid

Reason:

The product has expired on the subsystem ID indicated.

PXA0022

PARTITION EXPERT STEP CANNOT BE EXECUTED. RETURN CODE= rrrrrrr ON ssid

Reason:

An error was encountered on the DB2 subsystem indicated.

Action:

Refer to the return code for more information.

PXA0023

PARTITION VALUE IS INVALID - RETURN CODE = x

Reason:

The partition value is invalid. Return codes are as follows:

- 1-Zero or an invalid hex value supplied.
- 2-Value higher than the number of partitions.
- 3-Invalid alpha value - ALL is expected.
- 4-Partitions must be supplied in ascending order.
- 5-Invalid order for partition values. ALL must proceed all partition numbers.

PXA0024

DECIMAL NUMBER IS EITHER INVALID OR ZERO

Action:

Correct the value to a valid decimal number.

PXA0025

INDEX HOT SPOT FOUND

Reason:

The utility has detected that the index leaf pages are no longer clustered for the current key range.

PXA0026

TABLE HOT SPOT FOUND

Reason:

The utility has detected the table rows are no longer clustered in the order of the partition index.

PXA0032

ERROR - LIMIT KEY UPDATE/CONVERSION FAILED, REASON CODE = xxx

Reason:

The error is generated attempting to update the CA RC/Migrator data set with new limit keys. Reason codes are as follows:

- 001-An unexpected end of file condition occurred on the P42 data set. Probable cause may be that a P42 DD DUMMY data set was found
- 002-The cluster key work found in the CA RC/Migrator file before a create statement.
- 003-Column names for the index found after the cluster statement
- 004-Column names for the index found after the cluster statement
- 005-The number of columns do not match between the Map data set update during the unload step and the CA RC/Migrator data set. Correct the mismatch.
- 006-A parenthesis was found in the CA RC/Migrator data set before all the expected columns were processed
- 007-An unexpected end of file condition occurred on the P42

- 008-An unexpected end of file condition occurred on the P42 data set. Probable cause may be P42 DD DUMMY data set
- 009-CA Partition Expert expected to be positioned before the cluster statement in the CA RC/Migrator file.
- 010-CA Partition Expert expected to be positioned after the cluster statement in the CA RC/Migrator file.
- 011-An incorrect parenthesis was found in the values statement of the CA RC/Migrator file.
- 012-Conversion failed trying to convert a column from the internal format to external format. Probable cause is non-supported data type.
- 013-The converted external columns do not fit on the CA RC/Migrator statement. Probable solution is to specify the dummy key on the statement in column 1 or reduce the number of columns in the partitioning index. Remember the maximum length is 40 bytes for a partitioning index.
- 014-The CA Partition Expert map data set created by Job 1 cannot be used. Probable causes include Job 1 not run, incorrect symbolic references, or the map data set is not usable
- 015-The number of partitions specified in the Q88 data set create in job 20 do not match the RC/Migrator specified number of partitions. Correct the mismatch.
- 017-The order by column(s) could not be found using CA Fast Unload. Probable causes follow.

The CA Fast Unload step has more than one select statement with different order by statements. The columns in the order by do not match exactly the columns in the select that is, SELECT * is invalid as the first select statement.

CA Partition Expert processes the CA RC/Migrator data set and assumes the following: one column name definitions per statement; the direction if specified appears on the same statement as the column name; cluster on a statement by itself; expect values on a statement by itself; expect all the index column values for a partition on one statement; expect all the supplied external limit keys values to fit on one statement per partition.

PXA0040

ERROR - xxxxxxxxxxxx ppp OF TABLE cccccc ttttttt OLD LIMIT KEY NOT EQUAL TO DB2 CATALOG ON

ssid

Reason:

The old limit key for SYSIBM.SYSINDEXPART or SYSIBM.SYSTABLEPART partition ppp of the table specified on the subsystem indicated appears incorrect. The PLQ old limit key is not equal to the value in the DB2 catalog. Possible causes are: running the job for the wrong DB2 subsystem, or the old limit key was edited erroneously by the user. The old limit key values are never to be changed by the user.

Action:

Correct the limit key in error and restart the job in the failing step.

PXA0041

ERROR - xxxxxxxxxxxx ppp OF TABLE cccccc ttttttt NEW LIMIT KEY VALUE AND LENGTH PROBLEM ON ssid

Reason:

The limit key for SYSIBM.SYSINDEXPART or SYSIBM.SYSTABLEPART partition of the table specified on the subsystem indicated is incorrect. The PLQ limit key appears to have increased in length, but the length field does not reflect the increase. Correct the length field in the PLQ data set for the specified partition or shorten the limit key.

Action:

Correct the limit key in error and restart the job in the failing step.

PXA0042

LIMIT KEY CHANGES SYSTABLEPART=xxx SYSINDEXPART=xxx ON ssid

Reason:

Specifies the number of limit keys changed for SYSIBM.SYSINDEXPART and SYSIBM.SYSTABLEPART. The two counts must be equal or else the updates are rolled back.

PXA0043

THE NUMBER OF SYSTABLEPART AND SYSINDEXPART CHANGES MUST BE EQUAL AND APPROXIMATE xxx ON ssid

Reason:

Specifies an error occurred. The number of limit keys changed for SYSIBM.SYSINDEXPART and SYSIBM.SYSTABLEPART must be equal and the updates were rolled back.

Action:

Correct the PLQ limit key(s) in error and restart the job.

PXA0044

ERROR MODULE mmmmmmmm RETURN CODE rrrr REASON CODE cccccccc ON ssid

Reason:

Indicates an error was discovered processing the request. If the module is DSNALI, a DB2 connection failure occurred. If the module is PXAREP64, a problem occurred attempting to read the PLQ data set.

Action:

Correct the problem and restart the job.

PXA0045

ERROR - xxxxxxxxxxxx ppp OF TABLE cccccccc tttttttt USER SUPPLIED OLD AND NEW LIMIT KEYS ARE EQUAL ON ssid

Reason:

The new limit key for SYSIBM.SYSINDEXPART or SYSIBM.SYSTABLEPART partition ppp of the table specified on the subsystem indicated is the same as the old limit key. The PLQ new limit key does not appear to be edited. Edit the PLQ data set new partition limit key in question. Old and new limit keys can be equal when the TYPE is MULTIPLE only.

Action:

Correct the limit key in error and restart the job in the failing step.

PXA0050

ERROR - ZERO LENGTH KEY FOUND FOR PARTITION pppp FOR ssid

Reason:

The PLQ data set contains a zero key for the specified partition. This suggests a user error during the limit key editing.

Action:

Correct the limit key in error and restart the job in the failing step.

PXA0052

INDEX LIMIT KEY FOR PARTITION pppp MUST BE LESS THAN pppp ON ssid

Reason:

The keys for SYSIBM.SYSINDEXPART must be ascending. The PLQ data set contains a key for the specified partition that is not ascending. This suggests a user error during the limit key editing.

Action:

Correct the limit key in error and restart the job in the failing step.

PXA0053

LIMIT KEY FOR PARTITION pppp AND pppp MAY BE INCORRECT - REVIEW THE VALUES ON ssid

Reason:

The keys for SYSIBM.SYSINDEXPART must be ascending. The PLQ data set contains a key for the specified partition that is not ascending. The keys are equal for the for the common length, for example, the length of the shorter key, but the lowest order partition key length is less than the high key length. It is assumed this is an error because the shorter key is normally padded with X'FF' making it higher. This suggests an error during the limit key editing.

Action:

Correct the limit key in error and restart the job in the failing step.

PXA0055**SET UP TO CONVERT LIMIT KEY TO INTERNAL FORMAT FAILED. RETURN CODE xxx****Reason:**

The message is generated by PXAREP30. The return codes are as follows:

- 004-No partition number parameter passed to the routine.
- 008-No partitions were processed and the PLQ data set was not updated.
- 016-Non numeric partition number passed as a parameter.
- 020-Problem with the parameter value passed to the routine. The value may not exist, be greater than 4 digits, or the partition number is greater than the total number of partitions.
- 024-Problem obtaining and formatting the PLQ information in the PLQ data set.
- 034-Cannot find Map data set for the specified table.

PXA0056**PROBLEM OCCURRED ATTEMPTING TO GENERATE FAST UNLOAD/LOAD STATEMENTS. RETURN CODE xxx****Reason:**

The message is generated by module PXAREP31 and the return codes are as follows:

- 004-No statements generated.
- 024-Problem obtaining and formatting the PLQ information in the PLQ data set.
- 034-Cannot find Map data set for the specified table.

PXA0060**DYNAMIC ALLOCATION ERROR - REGISTER 5 HAS S99RB ADDRESS. R6 AND R7 HAVE FIRST 8 BYTES OF S99RB****Reason:**

Dynamic allocation, SVC 99, is documented in the MVS/ESA Systems Programming Library: Application Development Guide. Common errors are the user is not authorized to read or update the specified data set, or the data set for the roll function is still allocated by DB2 even though it has been stopped.

PXA0061

DYNAMIC DEALLOCATION ERROR - REGISTER 5 HAS S99RB ADDRESS. R6 AND R7 HAVE FIRST 8 BYTES OF S99RB

Reason:

Dynamic allocation, SVC 99, is documented in the MVS/ESA Systems Programming Library: Application Development Guide.

PXA0061

DYNAMIC DEALLOCATION ERROR - REGISTER 5 HAS S99RB ADDRESS. R6 AND R7 HAVE FIRST 8 BYTES OF S99RB

Reason:

Dynamic allocation, SVC 99, is documented in the MVS/ESA Systems Programming Library: Application Development Guide.

PXA0070

CLONE PARTITIONED TABLE MUST EXIST IN THE SAME SUBSYSTEM, DATA BASE, WITH THE SAME LENGTH INDEX NAME

Reason:

The clone partitioned table must reside in the same data base as the original table. Also the index name for the clone partition index must be the same length as the original partitioned index.

PXA0071

UNABLE TO FIND VCAT FOR SUBSYSTEM ssss VERIFY JOB WAS RUN ON THE CORRECT MVS SYSTEM AND DB2 SUBSYSTEM IS PRESENT

Reason:

The job may not have been run on the MVS subsystem that you intended. Verify where the job was run.

PXA0072

AN UNEXPECTED ERROR OCCURRED. SUBMIT A FULL IBM SYSUDUMP TO CUSTOMER SUPPORT

Action:

For assistance, contact CA Support at <http://ca.com/support>.

PXA0073

PARTITION nnn SELECT STATEMENT yyy TOTAL ROWS ANALYZED zzzz

Reason:

This message is generated by the PXAREPE4 exit to CA Fast Unload to indicate the partition number (nnn), the select statement(yyy), and all the rows analyzed (zzz) for the select statement.

PXA0074

PARTITION nnn

SELECT STATEMENTy

TOTAL ROWS SELECTED

zzzz

Reason:

This message is generated by the PXAREPE4 exit to CA Fast Unload to indicate the partition number (nnn), the select statement(yyy), and how many rows were selected (zzz). The difference between the rows analyzed in message 73 and rows selected in message 74 indicates the number of rows rejected.

PXA0075

UNLOAD STATEMENTS

NOT GENERATED - PROBABLE CAUSE IS/ARE PLQ LIMIT KEYS

Action:

This message is generated by module PXAREP31. Check the PLQ limit keys to see if the values look valid.

PXA0076

PARTITION xxx SELECTION STATEMENT yyy

FAILED. RETURN CODE ccc

Reason:

The message is reserved and the return codes are as follows:

- 004-No statements generated.
- 024-Problem obtaining and formatting the PLQ information in the PLQ data set.
- 034-Cannot find Map data set for the specified table.

PXA0077

ERROR PROCESSING MAP DATASET VERSES FAST UNLOAD COLUMN INFORMATION

Reason:

Modules PXAREPE2 and PXAREPF4 generate the message. The message indicates a problem between the information obtained in the first CA Partition Expert job and column information specified to CA Fast Unload.

PXA0078

ERROR AN UNEXPECTED END OF FILE OCCURRED

Reason:

Modules PXAREPF1 and PXAREP42 generate the message. The message indicates a Q88 or PLR data set problem causing the premature end of file.

PXA0079

ERROR OCCURRED TRYING TO LOAD A MODULE

Reason:

Module PXAREPF4 generates the message.

Action:

Verify the correct CA production load library is in the JOBLIB or STEPLIB for the step.

PXA0100

PARTITION part DSN dsname DATE date TIME xxx SSID ssss

Reason:

The partition number, data set name, date, time and SSID are given in this message.

PXA0101

num % INDEX FULL

Reason:

The percentage full for the index partition. Full is determined by taking the highest RBA containing index entries and dividing by the maximum RBA allowed for the partition.

PXA0102

num % TABLE FULL

Reason:

The percentage full for the table space partition. Full is determined by taking the highest RBA containing rows of data and dividing by the maximum RBA allowed for the partition.

PXA0103

num NUMBER OF TABLE PAGES OVER SPECIFIED %

Reason:

The number of table pages exceeding the percentage full that you specified for the partition is given in this message.

PXA0104

num NUMBER OF INDEX PAGES OVER SPECIFIED %

Reason:

The number of index pages exceeding the percentage full that you specified for the partition is given in this message.

PXA0105

num TABLE CLUSTER RATIO

Reason:

The table cluster ratio is returned. The ratio is based on the table rows being in the partitioning index clustering sequence. A ratio of 100% says the data rows are in the same sequence as the partitioning index.

PXA0106

num INDEX CLUSTER RATIO

Reason:

The index cluster ratio is returned. The ratio is based on the distance from one leaf page to the next higher key index page. A ratio below 92% indicates the index is becoming disorganized and may need reorganization.

PXA0107

xxx INDEX HIGH PAGE NUMBER - HEX

Reason:

The highest index leaf page found page number is given.

PXA0108

row_num ROW

HIGH PAGE NUMBER - HEX

The highest table space row page number is given.

PXA0109

XXX TOTAL NUMBER OF UNIQUE INDEX KEYS

Reason:

The total number of unique index keys is given.

PXA0111

xxx TOTAL NUMBER OF VALID RIDS

Reason:

The total number of rids is given. This value includes valid and pseudo deleted rids.

PXA0113**TOTAL NUMBER OF PSEUDO DELETED RIDS****Reason:**

The total number of pseudo deleted rids is given. Pseudo deleted rids occupy space but do not point at a data row.

PXA0114**TOTAL NUMBER OF UNCOMMITTED RIDS****Reason:**

The total number of uncommitted rids is given.

PXA0115**TOTAL NUMBER OF DELETED INDEX KEYS****Reason:**

The total number of index keys deleted is given. This can occur if all the rids are pseudo deleted for a given index key.

PXA0116**TOTAL NUMBER OF RID CHAINS****Reason:**

The total number of RID chains is given. Rid chains occur if space does not exist when a new rid is added for an existing non-unique index key.

PXA0117**xxx ROWS TO BE MOVED TO PARTITION part_num, CONSIDER USING PARTITION LOAD RESUME****Reason:**

Rows in the current partition are to be moved to a new partition. The user needs to unload the current partition and then load xxx rows into the new partition. LOAD RESUME can be used add rows to a partition.

Action:

See message PXA0118 for information on reloading a current partition.

PXA0118

ROWS TO BE REMOVED FROM PARTITION part_num, CONSIDER USING PARTITION LOAD REPLACE

Reason:

Some rows in the current partition are being moved to another partition (see message PXA0117). The current partition needs to be unloaded and then the existing rows must be reloaded using LOAD REPLACE to clean up the deleted rows and index entries in the partition.

PXA0119

NEW LIMITKEY REQUIRED PARTITION

Reason:

The utility has determined a new limit key is required for the partition based on the selection criteria. If the user has specified MODIFY-PLQ-LIMIT-KEY(YES), the limit key for the partition is automatically updated in the PLQ data set.

PXA0120

YOU NEED TO UNLOAD ALL THE ROWS IN PARTITION nnn BEFORE RUNNING THE JOB TO MODIFY THE DB2 CATALOG

Reason:

This informational message informs the user to make sure to unload all the data in a specific partition before modifying the DB2 catalog.

PXA0121

xxxxxxxxx TOTAL NUMBER OF VALID RIDS IDEAL FOR PART pppp

Reason:

This message reports the ideal number of rids (data rows) for the specified part to meet the users specifications.

PXA0122

xxxxxxxxx TOTAL NUMBER OF VALID RIDS CHOSEN FOR PART pppp

Reason:

The message reports the chosen number of rids (data rows) for the specified part to meet the users specifications. The chosen number of rids normally will not match the ideal number of rids. Items such as duplicate keys may cause variances. The specifications of row range, total row percentage, and partial key length will also contribute to variances.

PXA0123

ERROR - CORRECT TOTAL ROW

PERCENTAGE VALUES SPECIFIED

Reason:

The total row percentage value was over 100%, or 100% of the rids were allocated but partitions were still remaining, or all the partitions were processed but not 100% of the rids were assigned.

PXA0124

ERROR - ROW RANGE, NEW PARTITION VALUE, AND PERCENT VALUE ARE INCOMPATIBLE

Reason:

While trying to process the summary records, (P88), the utility encountered a problem. The major cause may be the row range value is too large to be able to satisfy the request. As a rule of thumb the row range should specify a row range of 10% of the total number of rows. If the number of partitions or the total row percentage cause some partitions to have less than 10% of the rows, the row range must be lowered.

The utility cannot complete the requested repartitioning because of the values specified for the parameters specified.

Action:

Possible solutions include selecting a row range equal to or smaller than the percentage value whether specified or defaulted. For example having a table of 100000 rows going into 100 partitions would require a row range value of 10000 or less. If a percent size of .5 was specified for a partition, a row range of 500 might be required.

PXA0126

THE LIMIT KEYS IN THE PLQ dataset FOR THIS PARTITON ANALYSIS WERE UPDATED

Reason:

The selection criteria specified to MODIFY-PLQ-LIMIT-KEY(YES) and the utility has updated the PLQ limit key for this partition.

PXA0127

THE LIMIT KEYS IN THE PLQ dataset FOR THIS PARTITON ANALYSIS WERE NOT UPDATED

Reason:

The user did not specify selection criteria to update the PLQ limit key.

PXA0128

TOTAL NUMBER OF DUPLICATE INDEX KEYS

Reason:

Indicates the number of duplicate index keys, or partial keys discovered.

PXA0129

TBLP-KEY=

***** KEY CAUSING EXCEPTION OR RANGE**

Reason:

The table part key value displays for the range or exceptional condition just triggered. Normally, this message is issued because the TABLE-ROW-RANGE value has been reached.

PXA0130

INDP-KEY= * KEY CAUSING EXCEPTION OR RANGE**

Reason:

The index part key value, displays for the range or exceptional condition just triggered. Normally, this message is issued because the TABLE-ROW-RANGE value has been reached.

PXA0135**SPECIFICATIONS DO NOT ALLOW ROWS TO BE REMOVED OFF THE FRONT****Reason:**

During the automatic smoothing process, the utility determined it could not move rows off the front of the partition. Common causes of the problem are as follows:

- not running JOB 21 for all partitions in the tablespace.
- running JOB 21 with a too large value for the TABLE-ROW-RANGE.
- moving rows in multiple partitions in conflicting directions.
- specifying PROHIBIT -ROW-ADDITIONS YES for critical partitions at the beginning of the tablespace.

PXA0136**SPECIFICATIONS DO NOT ALLOW ROWS TO BE REMOVED OFF THE BACK****Reason:**

During the automatic smoothing process, the utility determined it could not move rows off the back of the partition. Common causes of the problem are as follows:

- not running JOB 21 for all partitions in the tablespace.
- running JOB 21 with a too large value for the TABLE-ROW-RANGE.
- moving rows in multiple partitions in conflicting directions.
- specifying PROHIBIT -ROW-ADDITIONS YES for critical partitions at the end of the tablespace.

PXA0137**PLEASE REVIEW THE UTILITY UNLOAD AND LOAD GUIDELINES IN THE PPX DOCUMENTATION BEFORE PROCEEDING****Reason:**

Automatic smoothing output many indicate to change the limit keys for one or many partitions. You should review the recommendations and then unload and reload the involved partitions. It is possible for a partition to loose and gain rows. Partitions losing rows need to be reloaded first, followed by partitions losing and gaining row in the order of row movement, followed by partitions gaining rows.

PXA0139

DISTRIBUTION REPORT TRIGGERED BY SPECIFIED EVENT

Reason:

A distribution report follows the message. The most common event is the last key found for a partition and the user selected DISTRIBUTION-REPORT LAST.

PXA0140

KEY - VALID RIDS

Reason:

For one key, within the key range, the maximum number of valid rids found.

PXA0141

KEY - TOTAL RIDS

Reason:

For one key, within the key range, the maximum number of rids found.

PXA0142

KEY - PSEUDO DELETED RIDS

Reason:

For one key, within the key range, the maximum number of pseudo deleted rids found.

PXA0143

KEY - UNCOMMITTED RIDS

Reason:

For one key, within the key range, the maximum number of uncommitted rids found.

PXA0144

KEY - NUMBER OF RID CHAINS

Reason:

For one key, within the key range, the maximum number of rid chains found.

PXA0145**ROW RANGE RECORD****Reason:**

Indicates a range summary record follows because a row range boundary was crossed.

PXA0146**INDEX RANGE RECORD****Reason:**

Indicates a range summary record follows because an index range boundary was crossed.

PXA0147**LAST KEY FOUND****Reason:**

Indicates a range summary record follows because the last index key was found and processed.

PXA0148**DISTIBUTION REPORT TRIGGERED BY INDEX VALUE****Reason:**

The distribution report which follows was triggered by and index value.

PXA0149**DISTIBUTION REPORT TRIGGERED BY TABLE ROW VALUE****Reason:**

The distribution report which follows was triggered by and table row value.

PXA0150**FRONT HIT INDEX****Reason:**

Indicates a range summary follows because an index count was reached.

PXA0151

FRONT HIT ROW

Reason:

Indicates a range summary follows because a table row count was reached.

PXA0152

BACK HIT INDEX

Reason:

Indicates a range summary follows because an index count was reached.

PXA0153

BACK HIT ROW

Indicates a range summary follows because a table row count was reached.

PXA0155

CONSIDER REORGANIZING THE INDEX FOR PARTITION part

Reason:

The utility has determined the partitioning index clustering ratio is not optimal.

If index entries are inserted frequently, or the index is used for some degree of sequential processing, or major plans have non-matching index scans, reorganizing the index will improve performance.

PXA0156

CONSIDER REORGANIZING THE TABLE FOR PARTITION part

Reason:

The utility has determined the partition data clustering ratio compared to the partitioning index is not optimal.

If the table is accessed for some degree of sequential processing, reorganizing the tablespace partition will improve performance.

PXA0157

CONSIDER REPARTITIONING BECAUSE OF PARTITION part

The utility has determined the indicated partition needs to be repartitioned based on the user specified selection criteria.

PXA0160**DISTRIBUTION OF FREE SPACE ON EACH LEAF SUBPAGE****Reason:**

The bucket value indicates the value of free space which is equal to or less than the actual value. The occurrences indicate the number of pages which satisfy the first occurrence of the bucket the count is associated.

PXA0161**DISTRIBUTION OF PAGE DISTANCE BETWEEN LEAF PAGES****Reason:**

The bucket value indicates the value of page difference between leaf pages which is equal to or less than the actual value. The occurrences indicate the number of pages which satisfy the first occurrence of the bucket the count is associated.

PXA0162**DISTRIBUTION OF PAGE DISTANCE BETWEEN ROW RIDS****Reason:**

The bucket value indicates the value of page difference between consecutive data rows which is equal to or less than the actual value. The occurrences indicate the number of pages which satisfy the first occurrence of the bucket the count is associated.

PXA0163**DISTRIBUTION OF NUMBER OF RIDS PER KEY****Reason:**

The bucket value indicates the value of page difference between leaf pages which is equal to or less than the actual value. The occurrences indicate the number of pages which satisfy the first occurrence of the bucket the count is associated.

PXA0164**DISTRIBUTION OF NUMBER OF VALID RIDS PER KEY****Reason:**

The bucket value indicates the value of the number of rids per index key which is equal to or less than the actual value. The occurrences indicate the number of pages which satisfy the first occurrence of the bucket the count is associated.

PXA0165

DISTRIBUTION OF NUMBER OF PSEUDO DELETED RIDS PER KEY

Reason:

The bucket value indicates the value of pseudo deleted rids per key which is equal to or less than the actual value. The occurrences indicate the number of pages which satisfy the first occurrence of the bucket the count is associated.

PXA0166

BUCKET OCCURRENCES

Reason:

The bucket value indicates the value of the category being reported (see messages PXA0160-PXA0165). The occurrences indicate the number of pages which satisfy the first occurrence of the bucket the count is associated.

PXM Messages

Messages with the PXM prefix are generated from Xmanager.

PXM0100

XMANAGER Rrr.rr INIT IN PROGRESS XMID=id.

Reason:

Xmanager initialization is in progress. The message text provides the Xmanager release in the message text. The XMID is the XMANID of the Xmanager started procedure. If the XMANID on the started procedure is set to 0000, this message will specify the version number of the release.

This message is informational only.

PXM0101

XMANAGER Rrr.rr INITIALIZATION COMPLETE XMID=id.

Reason:

Xmanager initialization has been successfully completed. Once you have received this message, Xmanager is available to process requests from the requester address spaces.

This message is informational only.

PXM0102

CA/XMANAGER IS ALREADY ACTIVE XMID=id.

Reason:

You attempted to start a session of Xmanager, but Xmanager is already active on this system. Only a single Xmanager address space per release of Xmanager is allowed per MVS system. The Xmanager start request is aborted.

This message is informational only.

PXM0103

CA/XMANAGER STOP IN PROGRESS XMID=id.

Reason:

Termination processing for Xmanager has begun as the result of an Xmanager stop request (P PTXMAN or STOP PTXMAN). The Xmanager address space is in the process of terminating.

This message is informational only.

PXM0104

XMANAGER TERMINATION CLEANUP COMPLETE XMID=id.

Reason:

Necessary termination cleanup efforts have been performed successfully by Xmanager termination processing. The Xmanager address space has terminated.

This message is informational only.

PXM0105

CA/XMANAGER MODIFY IN PROGRESS XMID=id.

Reason:

Xmanager has received an MVS command using the MVS MODIFY command. Xmanager acknowledges the receipt of the MODIFY command. MODIFY-related processing is in progress.

This message is informational only.

PXM0106

MODIFY UNSUCCESSFUL, MODIFY TEXT IS INVALID.

Reason:

An MVS MODIFY command has been sent to the Xmanager address space, but the command was invalid. As a result, MODIFY processing for the command is terminated.

Action:

Correct the command text and reissue the MVS MODIFY command.

PXM0107

MODIFY TEXT = modify command text.

Reason:

This message displays the contents of a MODIFY command received by Xmanager. It lets you review Xmanager MODIFY text in case errors are encountered during MODIFY command processing.

This message is informational only.

PXM0108

FOLLOWING DB2 SUBSYSTEMS WERE LOCATED.

Reason:

Xmanager has received an F PTXMAN,LISTDB2 modify command request. This is the initial message sent to the MVS SYSLOG as a result of the modify request.

This message is informational only.

PXM0109

XMANAGER MODIFY PROCESSING COMPLETE.

Reason:

Xmanager has completed processing all modify requests. Xmanager modify processing has terminated because there are no outstanding modify requests.

This message is informational only.

PXM0110

DB2 SSID=ssid STAT=ssssssss CMD=cccccccc V=vvv DSPG=gggggggg GATT=aaaa.

Reason:

This message is issued for each DB2 subsystem located on the MVS system as a result of an Xmanager, MVS modify, LISTDB2 command. Each message describes a single DB2 subsystem located on the MVS system. Message variables include the DB2 subsystem identifier, and the DB2 subsystem status (active, inactive, and so on), DB2 subsystem recognition character, DB2 version if the DB2 SSID is active, and the member and group attach names if the DB2 subsystem is a member of a data sharing group.

Action:

None.

PXM0111

XMANAGER DISPLAY WORKLOAD IN PROGRESS.

Reason:

An Xmanager DISPLAY modify command is being processed.

Action:

None. This message is followed by additional messages that describe the existing workload currently active in the Xmanager address space.

PXM0112

XMANAGER CURRENTLY HAS NO WORKLOAD.

Reason:

Xmanager has received an Xmanager DISPLAY modify request. However, no active collections are currently active in the Xmanager address space.

Action:

None.

PXM0113

DETECTOR IS ACTIVE FOR DB2=ssid.

Reason:

As a result of an Xmanager DISPLAY modify request, this message indicates that collection is active for the DB2 subsystem identified in the message text.

Action:

None.

PXM0114

XMANAGER TERMINATED, MVS/ESA REQUIRED.

Reason:

An attempt was made to start Xmanager on an MVS system that is not running MVS/ESA. Xmanager requires MVS/SP 3.1 or higher. Xmanager does not support pre-MVS/SP 3.1 versions.

Action:

None.

PXM0115

XMANAGER TERMINATED, NOT APF AUTHORIZED.

Reason:

Xmanager requires APF authorization. All data sets specified on the Xmanager STEPLIB DDNAME must be APF authorized.

APF authorize the necessary data sets and restart Xmanager.

PXM0116

MVS CANCEL COMMAND HAS BEEN DETECTED XMID=id.

Reason:

An MVS CANCEL command has been issued for the Xmanager address space. As a result, termination of the Xmanager address space is in progress.

This message is informational only.

PXM0117

XMANAGER TERMINATION COMPLETE XMID=id.

Reason:

The Xmanager address space has terminated. Control returns to MVS as a result of termination processing.

This message is informational only.

PXM0118

XMANAGER pppppppp PARM IS INVALID/XMANAGER TERMINATED.

Reason:

An invalid parameter or value was passed in the PARM= operand when Xmanager was started. See the product documentation, which details the Xmanager execution parameters and their allowable values.

Action:

Correct the Xmanager execution parameters and restart Xmanager.

PXM0119

SEND MESSAGE ERROR/MESSAGE PID=pid MID=mid NOT LOCATED.

Reason:

This message is issued due to Xmanager send message request being driven for a message ID, which was not located.

PXM0121

XMANAGER AUTHID = authid.

Reason:

This message is returned by Xmanager as a result of processing a LISTAUTH modify command. Output returned displays the MVS authorization identifier, which is in use by the Xmanager address space.

This message is informational only.

PXM0122

XMANAGER AUTHID IS NULL.

Reason:

This message is returned by Xmanager as a result of processing a LISTAUTH modify command. Output returned indicates there is currently no MVS authorization identifier in use by the Xmanager address space.

This message is informational only.

PXM0123

TMANAGER IS ACTIVE FOR DB2=ssid.

Reason:

Xmanager has received a DISPLAY modify command. The Trace Manager (TMANAGER) component is currently active for the selected DB2 subsystem identified in the message text.

This message is informational only.

PXM0124

XMANAGER SDUMP HAS BEEN ISSUED.

Reason:

Indicates the Xmanager address space has requested a SVC dump. Evaluate why the dump was generated.

PXM0125

XMANAGER SDUMP CAPTURE COMPLETE.

Reason:

Indicates the Xmanager address space has completed the capture of a requested a SVC dump. Evaluate why the dump was generated.

PXM0126

SSANALZE IS ACTIVE FOR DB2=ssid.

Reason:

As a result of an Xmanager DISPLAY modify request, this message indicates that Subsystem Analyzer collection is active for the DB2 subsystem identified in the message text.

This message is informational only.

PXM0127

DB2 AGENT IS ACTIVE FOR DB2=ssid

Reason:

As a result of an Xmanager DISPLAY modify request, this message indicates that the DB2 agent collection is active for the DB2 subsystem identified in the message text.

Action:

None.

PXM0128

CA-INSIGHT IS ACTIVE FOR DB2=ssid

Reason:

As a result of an Xmanager DISPLAY modify request, this message indicates that the CA Insight collection is active for the DB2 subsystem identified in the message text.

This message is informational only.

PXM0133

TMANAGER2 IS ACTIVE FOR DB2 = ssid.

Reason:

Xmanager has received a DISPLAY modify command. The Pending Trace Manager (TMANAGER2) component is currently active for the DB2 subsystem identified in the message text.

This message is informational only.

PXM0185

LATCH *latch-set-name* CREATE RC=nnnn RS=nnnn

Reason:

The Xmanager latch manager created a latch set. This message contains the latch set name and Xmanager latch manager return and reason codes.

This message is informational and is written to the Xmanager job log and the MVS SYSLOG.

Action:

None.

PXM0200

XMANAGER DETECTED TERM IN PROGRESS DB2=ssid.

Reason:

Xmanager has detected DB2 termination in progress for a selected DB2 subsystem. Xmanager tracks the startup and termination of all DB2 subsystems located on the MVS system.

This message is informational only. It does not indicate any actions being performed by Xmanager as a result of DB2 subsystem termination.

PXM0201

XMANAGER DETECTED TERM COMPLETE DB2=ssid.

Reason:

Xmanager has detected DB2 termination completion for a selected DB2 subsystem.

Xmanager tracks the startup and termination of all DB2 subsystems located on the MVS system.

This message is informational only. It does not indicate any actions being performed by Xmanager as a result of DB2 subsystem termination.

PXM0202**XMANAGER DETECTED INIT IN PROGRESS FOR DB2=ssid.****Reason:**

Xmanager has detected DB2 startup in progress for a selected DB2 subsystem. Xmanager tracks the startup and termination of all DB2 subsystems located on the MVS system.

This message is informational only. It does not indicate any actions being performed by Xmanager as a result of DB2 subsystem startup.

PXM0203**XMANAGER DETECTED INIT COMPLETE DB2=ssid.****Reason:**

Collection initialization completed successfully for selected DB2 subsystem. Collection executes within the Xmanager address space. The message text includes the DB2 subsystem identifier for which the collector is being started.

This message is informational and is written to the Xmanager job log as well as to the MVS SYSLOG. None.

PXM0314**TASK TERMINATION TIME LIMIT WAS EXCEEDED****Reason:**

XMANAGER has terminated a task prior to its completion because the task termination time limit has expired. If the terminated task was a collection task, the data from the last collection interval may not have been stored.

Action:

Use the TERMWAIT XMANAGER start-up parameter to increase the time allowed for the sub-task to terminate. The default value for TERMWAIT is TERMWAIT(1), or 1 minute.

PXM0315

**RACROUTE VERIFY FAILED SAFRC=safrc RC=returncode RS=reasoncode
USER=userid PLAN=planname**

Reason:

A RACROUTE TYPE=VERIFY macro issued during DB2 plan authorization validation failed for the indicated userid and product plan.

When SAFRC=0008 and RC=001C then the validation failed because the user access was revoked by the security system. The meaning of other *Return and Reason Codes* can be found in the SecureWay Security Server External Security Interface (RACROUTE) Macro Reference.

If the message is issued for an unauthorized user then no action is required.

PXM0320

RUN MODIFY FAILED/MEMBER NAME INVALID.

Reason:

The RUN modify command request has failed due to the member name specified on the RUN command being invalid.

Action:

Correct the member name and reissue the request.

PXM0321

RUN MODIFY FAILED/MEMBER NOT FOUND IN PARMLIB.

Reason:

The RUN modify command has failed due to the member name specified in the command text not being located in the Xmanager CDBAPXMP data set.

Action:

Correct the error and reissue the modify request.

PXM0322

RUN MODIFY FAILED, VALID COMMAND NOT FOUND IN pxmparm member.

Reason:

The RUN modify command has failed due to the member name being empty in the Xmanager CDBAPXMP data set.

Action:

Correct the member contents and reissue the modify command.

PXM0323

RUN MODIFY PROCESSING COMPLETE.

Reason:

The RUN modify command has completed processing.

This message is informational and indicates RUN modify command processing is being exited.

PXM0324

XMANAGER pxmparm member AUTOCMD PROCESSING IN PROGRESS.

Reason:

Indicates that Xmanager is in the process of automatically issuing the commands in the member of the Xmanager parmlib specified by the INIT execution parameter. This is done whenever Xmanager is started.

Action:

None.

PXM0325

XMANAGER pxmparm member AUTOCMD PROCESSING COMPLETE.

Reason:

Indicates that Xmanager has completed processing the commands in the member of the Xmanager parmlib specified by the INIT execution parameter. These commands are automatically issued whenever Xmanager is started.

Action:

None.

PXM0326

XMANAGER pxmparm member AUTOCMD MEMBER NOT FOUND.

Reason:

The member of the Xmanager parmlib specified by the INIT execution parameter does not exist. Xmanager auto command processing is bypassed. This message is suppressed for the default auto command member XMANINIT.

Action:

Specify the correct auto command member name for the INIT execution parameter.

PXM0327

**COMMAND _____... IS TOO LONG-
COMMAND NOT PROCESSED**

Reason:

Indicates a request to execute the command in the text was invalid because the command string was too long. The first 24 characters in the command string are included in the message.

Action:

Shorten the command string by putting multiple parameters on a control card line.

PXM0370

CA/XMANAGER SHUTDOWN IN PROGRESS XMID=id.

Reason:

Xmanager termination is in progress. XMID is the XMANID of the Xmanager started procedure. If the XMANID on the started procedure is set to 0000 this message will specify the version number of the release.

Action:

None.

PXM0371**XMANAGER REGION IN USE CLOSE TO REGION LIMIT FOR region****Reason:**

The Xmanager is going to be shut down because almost all of the private storage that was allocated for the Xmanager task has been consumed. The region values that may appear are LPVT, which stands for low private, and EPVT, which stands for extended private.

Action:

Specify a larger REGION size in the Xmanager JCL.

PXM0372**XMANAGER REGION IN USE HAS REACHED SHORTAGE THRESHOLD FOR type****Reason:**

The Xmanager has encountered a storage shortage for the specified type of memory.

Action:

Contact your system administrator.

For type 'EPVT' increase the value specified on the REGION parameter on the EXEC statement of the Xmanager task or reduce the Xmanager CUSHION parameter high value.

For type 'MOBJ' increase the value specified on the MEMLIMIT parameter on the EXEC statement of the Xmanager task or reduce the Xmanager CUSH64 parameter high value.

Note: For the MEMLIMIT and REGION parameters, see the *MVS JCL Reference*. For the CUSHION and CUSH46 parameters, see the *General Facilities Reference Guide*.

PXM0373**XMANAGER REGION type STORAGE SHORTAGE RELIEVED****Reason:**

A private storage shortage in the XMANAGER has been relieved for the specified type of memory. This message indicates that an earlier shortage identified by a PXM0372 message has ended.

Action:

None.

PXM0400

XMANAGER PRODINIT PROCESSING ENTERED.

Reason:

This message is issued during normal startup processing of Xmanager. It indicates product initialization processing is being entered.

Action:

None.

PXM0401

XMANAGER PRODINIT PROCESSING ENDED.

Reason:

This message is issued during normal startup processing of Xmanager. It indicates product initialization processing is being exited.

Action:

None.

PXM0402

XMANAGER PRODINIT COMPLETE FOR PID=pid.

Reason:

This message informs that Xmanager has entered product initialization processing for the specified product identifier.

Action:

None.

PXM0403

XMANAGER PRODINIT FAILED PID=pid LMOD=lmod.

Reason:

Indicates Xmanager product initialization has failed for the specified product identifier and load module.

PXM0404**XMANAGER PRODINIT PTILIB OPEN HAS FAILED.****Reason:**

Message is issued due to inability to OPEN the Xmanager PTILIB data set during Xmanager product initialization processing.

Action:

Determine if MVS authorization failure messages have also been issued in relation to the error.

PXM0405**XMANAGER PRODINIT FAILED/PXMPVTCC NOT LOCATED.****Reason:**

Xmanager product initialization processing has failed.

PXM0406**XMANAGER PRODINIT FAILED/BLDL ERROR.****Reason:**

Xmanager product initialization processing has failed.

PXM0410**XMANAGER MSLOGGER INIT ENTERED XMID=id.****Reason:**

This message informs that Xmanager has entered message log task initialization processing for the specified Xmanager identifier.

Action:

None.

PXM0411

XMANAGER MSLOGGER INIT COMPLETE XMID=id.

Reason:

This message informs that Xmanager has completed message log task initialization processing for the specified Xmanager identifier.

Action:

None.

PXM0412

XMANAGER MSLOGGER TERM IN PROGRESS FOR XMID=id.

Reason:

This message informs that Xmanager has entered message log task termination processing for the specified Xmanager identifier.

Action:

None.

PXM0413

XMANAGER MSLOGGER TERM COMPLETE XMID=id.

Reason:

This message informs that Xmanager has completed message log task termination processing for the specified Xmanager identifier.

Action:

None.

PXM0414

ddname DDNAME NOT FOUND, MSLOGGER UNAVAILABLE.

Reason:

This message informs that Xmanager message log task initialization failed because the message log DD statement was not present in the Xmanager JCL procedure.

Action:

Add the DD statement to the Xmanager JCL procedure and restart the Xmanager.

PXM0501**CROUTER REQUEST FAILED / REQUEST ID INVALID.****Reason:**

An Xmanager asynchronous request has failed due to invalid request identifier being received.

PXM0502**PARMLIB READ ERROR/BLDL HAS FAILED.****Reason:**

Xmanager has been requested to read a member from the Xmanager parmlib (can be a read as part of an update request). The parmlib processing failed due to an error while issuing a BLDL macro. This is not a member not found error, since this condition is handled by the parmlib processor.

Action:

Check the parmlib settings.

PXM0503**PARMLIB READ ERROR/FIND HAS FAILED.****Reason:**

Xmanager has been requested to read a member from the Xmanager parmlib (can be a read as part of an update request). The parmlib processing failed due to an error while issuing a FIND macro. This should not be a member not found error, since this condition is handled by the parmlib processor during the BLDL step.

Action:

Check the parmlib settings.

PXM0504

PARMLIB READ ERROR/BLOCK DESC EXTEND FAILED.

Reason:

Xmanager has been requested to read a member from the Xmanager parmlib (can be a read as part of an update request). The parmlib processing function which tracks data blocks in the parmlib member encountered an error.

Action:

This is most likely a software problem. It is possible to avoid this problem by reblocking the parmlib using a larger block size to reduce the number of blocks. Note that the Xmanager started task must be shut down and restarted to accomplish this.

PXM0505

PARMLIB READ ERROR/BLOCK LENGTH OF ZERO.

Reason:

Xmanager has been requested to read a member from the Xmanager parmlib (can be a read as part of an update request). The parmlib processing failed due to an error while issuing a READ macro. A block was found with a record length of zero.

Action:

Fix the problem and retry.

PXM0510

PARMLIB WRITE ERROR/OPEN FAILED.

Reason:

Xmanager has been requested to write a member to the Xmanager parmlib as part of an add or update request.

The parmlib processing failed due to an error while issuing an OPEN macro. This WTO may be preceded by MVS abend messages, which indicates the specific open error.

PXM0511

PARMLIB WRITE ERROR/STOW FAILED.

Reason:

An error was incurred by Xmanager while attempting a STOW request to the CDBAPXMP data set.

PXM0520**PARMLIB DELETE ERROR/OPEN FAILED.****Reason:**

An error was incurred by Xmanager while attempting to OPEN the CDBAPXMP data set.

Action:

Verify that Xmanager has read/write access to the CDBAPXMP data set.

PXM0521**PARMLIB DELETE ERROR/FIND FAILED.****Reason:**

An error was incurred by Xmanager while attempting to delete a CDBAPXMP data set member.

PXM0522**PARMLIB DELETE ERROR/STOW FAILED.****Reason:**

An error was incurred by Xmanager while attempting to delete a CDBAPXMP data set member.

PXM0600**XMAN CONNECT HAS NOT BEEN ESTABLISHED.****Reason:**

This message is issued as a result of a product request which has failed due preceding error incurred during Xmanager connect logic.

PXM0601**PXMDBM TERMINATING / MAX RETRYs REACHED.****Reason:**

A critical component of the Xmanager address space has terminated abnormally. Termination is in progress because numerous recoverable abends have occurred.

PXM0602

PXMZGV TERMINATING / MAX RETRYS REACHED.

Reason:

A critical component of the Xmanager address space has terminated abnormally. Termination is in progress because numerous recoverable abends have occurred.

PXM0602

PXMZGV TERMINATING / MAX RETRYS REACHED.

Reason:

A critical component of the Xmanager address space has terminated abnormally. Termination is in progress because numerous recoverable abends have occurred.

PXM0605

XMANAGER EXITCNTL ENTERED EXID=exid.

Reason:

This message is issued when Xmanager is started. It indicated Xmanager product exit processing has been entered for the related exit identifier.

Action:

None.

PXM0606

XMANAGER EXITCNTL COMPLETE XMID=id.

Reason:

This message is issued when Xmanager is started. It indicates Xmanager product exit processing has been completed for all product exits existing at the specified Xmanager identifier.

Action:

None.

PXM0607

XMANAGER EXITCNTL EXID=exid ENTERED PID=pid.

Reason:

Indicates Xmanager is passing control to a product exit. The message is issued when Xmanager is started. Message text includes the exit identifier as well as the product identifier for which the exit is being driven.

Action:

None.

PXM0608

XMANAGER EXITCNTL EXID=exid COMPLETE PID=pid.

Reason:

Indicates Xmanager has completed the product exit. The message is issued when Xmanager is started. Message text includes the exit identifier as well as the product identifier for which the exit is being driven.

Action:

None. This message is informational only and issued as a result of normal Xmanager startup processing.

PXM0609

XMANAGER EXITCNTL RECOVERY RETRY SUCCESSFUL.

Reason:

Indicates a failure has occurred during Xmanager initialization within product exit processing.

PXM0610

XMANAGER EXITCNTL PTILIB ACCESS HAS FAILED.

Reason:

A failure occurred during Xmanager initialization while attempting to read the Xmanager PTILIB ddname data set(s). Xmanager requires MVS READ access to the PTILIB data sets.

PXM0611

XMANAGER EXITCNTL PTILIB OPEN HAS FAILED.

Reason:

A failure occurred during Xmanager initialization while attempting to OPEN the Xmanager PTILIB ddname data set(s). Xmanager requires MVS READ access to the PTILIB data sets.

PXM0612

XMANAGER EXITCNTL ABEND RECURSION DETECTED.

Reason:

This message is issued as a result of Xmanager initialization failing while within product exit related processing.

PXM0613

XMANAGER EXITCNTL ABEND PERCOLATION INCURRED.

Reason:

This message is issued as a result of Xmanager initialization failing while within product exit related processing.

PXM0614

XMANAGER EXITCNTL RECOVERY RETRY DRIVEN.

Reason:

This message is issued as a result of Xmanager initialization failing while within product exit related processing.

PXM0800

ABEND INCURRED/RETRY IN PROGRESS.

Reason:

Indicates an Xmanager product related request has resulted in an abend being incurred. Other product related messages may have been issued in relation to the failure.

Action:

Locate all messages issued.

PXM0801**ABEND INCURRED/RETRY SUCCESSFUL.****Reason:**

Indicates an Xmanager product related request has resulted in an abend; recovery termination processing has successfully retried the error incurred. Other product related messages may have been issued in relation to the failure.

Action:

Locate all messages issued.

PXM0802**RETRY RECURSION DETECTED/TERMINATION FORCED.****Reason:**

Indicates an Xmanager product related request has resulted in an abend. While the abend was being retried abend recursion was detected. This resulted in the error being percolated. Other product related messages may have been issued in relation to the failure.

Action:

Locate all messages issued.

PXM0803**MAX ABENDS REACHED/RETRY PROCESSING BYPASSED.**

Indicates an Xmanager product related request has resulted in an abend. While the abend was being processed it was determined that several previous abends have occurred. As a result of an internal abend limit being reached recovery retry processing was aborted and the error was percolated. Other product related messages may have been issued in relation to the failure.

Action:

Locate all messages issued.

PXM0810**CA/XMANAGER RECOVERY IN PROGRESS.****Reason:**

The Xmanager recovery manager has intercepted a program abend in the Xmanager started procedure.

PXM0811

PSW: abend-psw LMOD: module-name OFFSET: module-offset ABEND: abend-code.

Reason:

This message follows message PXM0810 and provides additional information about the intercepted program abend.

PXM0812

GPRS nn-nn

rrrrrrrr rrrrrrrr rrrrrrrr rrrrrrrr.

Reason:

This message follows message PXM0810 and provides additional information about the intercepted program abend.

PXM0813

CA/XMANAGER Rvv.vv DUMP LOC: module+offset ABEND: abend-code PSW: abend-psw.

Reason:

The Xmanager recovery manager has taken a diagnostic dump as a result of intercepting a program abend in the Xmanager started procedure. The message provides information about the intercepted program abend.

PXM0814

SVCDUMP INVOKED RC=returncode RSN=reasoncode.

Reason:

This message follows message PXM0813 and provides additional information about the diagnostic dump.

PXM0815

LATCH SET latch_set_name CREATE RC=xxxx RS=yyyy

Reason:

The LATCH_SET CREATE function completed with return code xxxx and reason code yyyy.

A latch set is created when the Xmanager parameter LATCH (Y) is specified or defaulted to in the PDT or PSA member of the PTIPARM file, or when XSYS(Y) is specified in the Xmanager started task JCL. XSYS(Y) activates the cross-system component.

For more information about the reason and return codes, see the IBM *MVS Authorized Assembler Services Reference Guide*.

Action:

No action is required. However, if you prefer to use the serialization method that uses locking, specify LATCH(N) in the PDT and PSA members of the PTIPARM data set.

Note: The cross-system component requires latching. Deactivate the cross-system component by specifying XSYS(N) in the Xmanager started task JCL.

PXM4400

XMANAGER PLEXCNTL INIT SYSPLEX=sysplex MVS=mvs XMID=id.

Reason:

This message informs that Xmanager has started sysplex communication task initialization for the specified Xmanager identifier.

Action:

None.

PXM4401

XMANAGER PLEXCNTL INIT COMPLETE XMID=id.

Reason:

This message informs that Xmanager has completed sysplex communication task initialization for the specified Xmanager identifier.

Action:

None.

PXM4402

XMANAGER ALREADY ACTIVE SYSPLEX=sysplex MVS=mvs.

Reason:

This message informs that Xmanager sysplex communication task has initialization has terminated because of a duplicate Xmanager identifier.

Action:

Give each Xmanager on the same MVS system a unique value for the XMANID parameter and restart the Xmanager.

PXM4403

XMANAGER PLEXCNTL TERM IN PROGRESS XMID=id.

Reason:

This message informs that Xmanager has started sysplex communication task termination for the specified Xmanager identifier.

Action:

None.

PXM4404

XMANAGER PLEXCNTL TERM COMPLETE XMID=id.

Reason:

This message informs that Xmanager has completed sysplex communication task termination for the specified Xmanager identifier.

Action:

None.

PXM4405

XMANAGER PLEXCNTL ABEND RECURSION INCURRED.

Reason:

This message informs that the Xmanager sysplex communication task has terminated due to an abend.

PXM4406

XMANAGER XMANPLEX IS NOT ACTIVE.

Reason:

The Xmanager sysplex communications task is not active.

Action:

Insure that the XSYS(Y) execution parameter is specified and restart the Xmanager.

PXM4500

**XMANAGER SEND=send type FAILED RC=returncode RS=reason RID=requestid
SYS=mvs.**

Reason:

An Xmanager sysplex communication request failed.

PXM4502

XMANAGER SEND=send type FAILED MEMBER NOT ACTIVE RID=request id SYS=mvs.

Reason:

An Xmanager sysplex communication request failed because the Xmanager was not active on the indicated MVS system.

PXM4503

XMANAGER SEND REQUEST TIMEOUT INCURRED RID=requested.

Reason:

An Xmanager sysplex communication request failed because a response was not received within the number of seconds specified by the Xmanager TIMEOUT parameter. The request may succeed on retry.

Action:

If the problem persists try increasing the value of the Xmanager TIMEOUT parameter.

PXM4510

MSVR1 INVALID MSGCNTL SEEN.

Reason:

An internal error occurred processing an Xmanager sysplex communication request.

PXM4511

MSVR2 INVALID MSGCNTL SEEN.

Reason:

An internal error occurred processing an Xmanager sysplex communication request.=

PXM4512

RECEIVE POST FAILED.

Reason:

An internal error occurred processing an Xmanager sysplex communication request.

PXM4513

ZMV01 INVALID MSGCNTL SEEN.

Reason:

An internal error occurred processing an Xmanager sysplex communication request.

PXM4514

NPST INVALID MSGCNTL SEEN.

Reason:

An internal error occurred processing an Xmanager sysplex communication request.

PXM4515

NOTIFY RESPONSE POST ERROR.

Reason:

An internal error occurred processing an Xmanager sysplex communication request.

PXM4520

MSGEXIT PARMDATA FAILED.

Reason:

An internal error occurred processing an Xmanager sysplex communication request.

PXM4521**MSGEXIT MEMBER LOCATE FAILED.****Reason:**

An internal error occurred processing an Xmanager sysplex communication request.

PXM4522**MSGEXIT RECEIVE REQUEST FAILED.****Reason:**

An internal error occurred processing an Xmanager sysplex communication request.

PXM4523**MSGEXIT RECEIVE SEGMENT FAILED.****Reason:**

An Xmanager sysplex communication request failed.

PXM4524**MSGEXIT RECEIVE RESPONSE FAILED.****Reason:**

An Xmanager sysplex communication request failed.

PXM4525**MSGEXIT ALESERV ADD FAILED.****Reason:**

An Xmanager sysplex communication request failed.

PXM4526**MSGEXIT ALESERV DELETE FAILED.****Reason:**

An Xmanager sysplex communication request failed.

PXM4527

NTFYRESP BYPASSED/REQUESTOR TERMED.

Reason:

An Xmanager sysplex communication request failed.

PXM4528

MSGEXIT INITIALIZATION IS INCOMPLETE.

Reason:

Indicates an attempt to process a cross-system message request occurred before the message request service initialization was completed.

Action:

None.

PXM4530

WORK SERVER DISPATCH FAILED.

Reason:

An internal error occurred processing an Xmanager sysplex communication request.

PXM45304

XMANPLEX IS NOT ACTIVE ON THIS XMANAGER.

Reason:

The Xmanager sysplex communications task is not active.

Action:

Insure that the XSYS(Y) execution parameter is specified and restart the Xmanager.

PXM45307

SYSPLEX INTERVAL PROPAGATION FAILED - RC rc.

Reason:

Propagation of the Xmanager sysplex interval to the other Xmanager group members failed. Rc is the failure reason code.

PXM4531**WORK SERVER DETACH ENTERED.****Reason:**

An Xmanager sysplex communication server task is being terminated.

Action:

None.

PXM4532**WORK SERVER DETACH COMPLETE.****Reason:**

An Xmanager sysplex communication server task termination is complete.

Action:

None.

PXM4533**MONTASK DETACH ENTERED.****Reason:**

The Xmanager sysplex communication server monitor task is being terminated.

Action:

None.

PXM4534**MONITOR DETACH COMPLETE.****Reason:**

The Xmanager sysplex communication server monitor task termination is complete.

Action:

None.

PXM4540

WSERVE MONTASK TERMINATE WORK DRIVEN.

Reason:

The Xmanager sysplex communication server monitor task terminated a work server task.

PXM4541

WSERVE MONTASK TERMINATE FAILED.

Reason:

The Xmanager sysplex communication server monitor task failed in an attempt to terminate a work server task.

PXM4550

WORK SERVER ABEND RETRY SUCCESS.

Reason:

An Xmanager sysplex communication server task incurred an abend.

PXM4551

REQUEST DEFINITION LOCATE FAILED.

Reason:

An internal error occurred processing an Xmanager sysplex communication request.

PXM4552

REQUEST LOAD FAILED.

Reason:

An internal error occurred processing an Xmanager sysplex communication request.

PXM4553

WORK SERVER ABEND RETRY NOT ALLOWED.

Reason:

An Xmanager sysplex communication server task incurred an abend.

PXM4554**WORK SERVER ABEND RETRY ATTEMPTED.****Reason:**

An Xmanager sysplex communication server task incurred an abend.

PXM4600**XMANAGER PLEXMSRV INIT ENTERED XMID=id.****Reason:**

This message informs that Xmanager has started sysplex communication task message server initialization for the specified Xmanager identifier.

Action:

None.

PXM4601**XMANAGER PLEXMSRV INIT COMPLETE XMID=id.****Reason:**

This message informs that Xmanager has completed sysplex communication task message server initialization for the specified Xmanager identifier.

Action:

None.

PXM4602**XMANAGER PLEXMSRV TERM IN PROGRESS XMID=id.****Reason:**

This message informs that Xmanager has started sysplex communication task message server termination for the specified Xmanager identifier.

Action:

None.

PXM4603

XMANAGER PLEXMSRV TERM COMPLETE XMID=id.

Reason:

This message informs that Xmanager has completed sysplex communication task message server termination for the specified Xmanager identifier.

Action:

None.

PXM4604

XMANAGER MSGSERV ABEND RECURSION XMID=id.

Reason:

The Xmanager sysplex communication message server task incurred an abend for the specified Xmanager identifier.

PXM4629

SXMSRV NOTIFY RESPONSE SEND FAILED.

Reason:

An internal error occurred processing an Xmanager sysplex communication request.

PXM4630

SXMSRV NOTIFY RESPONSE FAILED DUE TO INSUFFICIENT Storage

Reason:

Xmanager failed to complete the request due to insufficient storage of the requestor.

Action:

Increase the region size of your TSO or batch job.

PXM4700

XMANAGER PLEXCNTL CINIT COMPLETE RC=return/reason.

Reason:

This message displays the IXCCREAT *Return and Reason Codes* from Xmanager sysplex communication task initialization.

Action:

None.

PXM4702

XMANAGER PLEXCNTL MEM=membername

STAT=status.

Reason:

This message is issued during Xmanager initialization. Membername is the name of an Xmanager that is a member of the same sysplex group and status is the current member status.

Action:

None.

PXM4704

XMANAGER PLEXGRPX GRP=groupname MEM=membername.

Reason:

This message is issued when an Xmanager joins or leaves the Xmanager sysplex group. Groupname is the name of the Xmanager sysplex group. Membername is the member name of the Xmanager that has joined or left the group.

Action:

None.

PXM4705

XMANAGER PLEXGRPX NEW=nn OLD=nn TYPE=nn.

Reason:

This message is issued when an Xmanager joins or leaves the Xmanager sysplex group.

Action:

None.

PXM4706

XMANAGER PLEXGRPX GRPEXIT VALIDATION FAILED.

Reason:

An internal error occurred during an Xmanager sysplex group processing.

PXM4707

XMANAGER PLEXCNTL JINIT COMPLETE RC=return/reason.

Reason:

This message displays the IXCJOIN *Return and Reason Codes* from Xmanager sysplex communication task initialization.

Action:

None.

PXM4708

XMANAGER PLEXCNTL LTERM COMPLETE RC=return/reason.

Reason:

This message displays the IXCLEAVE return and reason codes from Xmanager sysplex communication task termination.

Action:

None.

PXM4709

XMANAGER PLEXCNTL QUERY FAILED RC=return/reason.

Reason:

An attempt to determine the status of an Xmanager sysplex group member failed. This message displays the *Return and Reason Codes* from the failed IXCQUERY.

PXM4710

XMANAGER PLEXCNTL=groupname MEM=membername.

Reason:

This message is issued during Xmanager sysplex communication task initialization. Groupname is the name of the Xmanager sysplex group. Membername is the Xmanager group member name.

Action:

None.

PXM4720

ROUTINE routine FAILED FOR DB2 ssid REASON reason.

Reason:

A cross system communication error occurred attempting to execute a request service routine for the indicated DB2 subsystem. Reason describes the failure reason. The requesting Xmanager issues this message.

PXM4721

ROUTINE routine FAILED FOR DB2 ssid REASON reason.

Reason:

A cross system communication error occurred attempting to execute a request service routine for the indicated DB2 subsystem. Reason describes the failure reason. The responding Xmanager issues this message.

PXM4800

XMANAGER PLEXRSRV INIT ENTERED XMID=id.

Reason:

This message informs that Xmanager has started sysplex communication task message receiver initialization for the specified Xmanager identifier.

Action:

None.

PXM4801

XMANAGER PLEXRSRV INIT COMPLETE XMID=id.

Reason:

This message informs that Xmanager has completed sysplex communication task message receiver initialization for the specified Xmanager identifier.

Action:

None.

PXM4802

XMANAGER PLEXRSRV TERM IN PROGRESS XMID=id.

Reason:

This message informs that Xmanager has started sysplex communication task message receiver termination for the specified Xmanager identifier.

Action:

None.

PXM4803

XMANAGER PLEXRSRV TERM COMPLETE XMID=id.

Reason:

This message informs that Xmanager has completed sysplex communication task message receiver termination for the specified Xmanager identifier.

Action:

None.

PXM4804

XMANAGER PLEXRSRV ABEND RECURSION XMID=id.

Reason:

The Xmanager sysplex communication message receiver task incurred an abend for the specified Xmanager identifier.

PXM4805

XMANAGER REQID=requestid LMOD=loadmodule NOT FOUND.

Reason:

An internal error occurred processing an Xmanager sysplex communication request.

PXM5100

XMANAGER PLEXWSRV INIT ENTERED XMID=id.

Reason:

This message informs that an Xmanager sysplex communication server task has started initialization for the specified Xmanager identifier.

Action:

None.

PXM5101

XMANAGER PLEXWSRV INIT COMPLETE XMID=id.

Reason:

This message informs that an Xmanager sysplex communication server task has completed initialization for the specified Xmanager identifier.

Action:

None.

PXM5102

XMANAGER PLEXWSRV/servno TERM IN PROGRESS XMID=id.

Reason:

This message informs that an Xmanager sysplex communication server task has started termination for the specified Xmanager identifier. Servno is the service task identifier.

Action:

None.

PXM5102

XMANAGER PLEXWMON TERM IN PROGRESS XMID=id.

Reason:

This message informs that the Xmanager sysplex communication server monitor task has started termination for the specified Xmanager identifier.

Action:

None.

PXM5103

XMANAGER PLEXWSRV/servno TERM COMPLETE XMID=id.

Reason:

This message informs that an Xmanager sysplex communication server task has completed termination for the specified Xmanager identifier. Servno is the service task identifier.

Action:

None.

PXM5103

XMANAGER PLEXWMON TERM COMPLETE XMID=id.

Reason:

This message informs that the Xmanager sysplex communication server monitor task has completed termination for the specified Xmanager identifier.

Action:

None.

PXM5104

XMANAGER PLEXWMON ABEND RECURSION XMID=id.

Reason:

The Xmanager sysplex communication server monitor task incurred an abend for the specified Xmanager identifier.

PXM5104

XMANAGER PLEXWSRV/servno ABEND RECURSION XMID=id.

Reason:

An Xmanager sysplex communication server receiver task incurred an abend for the specified Xmanager identifier. Servno is the service task identifier.

PXM5200

XMANAGER PLEXWMON INIT ENTERED XMID=id.

Reason:

This message informs that the Xmanager sysplex communication server monitor task has started initialization for the specified Xmanager identifier.

Action:

None.

PXM5201

XMANAGER PLEXWMON INIT COMPLETE XMID=id.

Reason:

This message informs that the Xmanager sysplex communication server monitor task has completed initialization for the specified Xmanager identifier.

Action:

None.

PXM5300

XMANAGER XAQTABLE FAILED/RQT BLDL ERROR.

Reason:

An internal error occurred initializing the Xmanager sysplex communications environment.

PXM5301

XMANAGER XAQTABLE PTILIB OPEN FAILED.

Reason:

Message is issued due to inability to OPEN the Xmanager PTILIB data set during Xmanager sysplex communication initialization processing. Determine if MVS authorization failure messages have also been issued in relation to the error.

PXM5308

SYSPLEX INTERVAL IS hh:mm.

Reason:

This message displays the current setting of the Xmanager sysplex interval following a PLEXINTV MVS MODIFY command.

Action:

None.

PXM5309

SYSPLEX INTERVAL SET

TO hh:mm.

Reason:

This message displays the new setting of the Xmanager sysplex interval following a PLEXINTV MVS MODIFY command.

Action:

None.

PXM5310

SYSPLEX INTERVAL MODIFY FAILED/COMMAND TEXT INVALID.

Reason:

An PLEXINTV MVS MODIFY command has been sent to the Xmanager address space, but the command was invalid. As a result, MODIFY processing for the command is terminated.

Action:

Correct the command text and reissue the MVS MODIFY command.

PXM5311**SYSPLEX INTERVAL SET TO hh:mm FROM SYSTEM mvs****Reason:**

This message displays the new setting of the Xmanager sysplex interval following a PLEXINTV MVS MODIFY command.

Action:

None.

PXM5313**SYSPLEX INTERVAL IS ALREADY hh:mm.****Reason:**

A PLEXINTV MVS MODIFY command to set a new sysplex interval specifies the same time value as the currently set sysplex interval.

Action:

None. The sysplex interval value is not changed.

PXM5320**CROSS SYSTEM COMMUNICATION TASK STARTED****Reason:**

A START(XSYS) modify command to restart the Xmanager cross system communication task completed successfully.

Action:

None.

PXM5321**CROSS SYSTEM COMMUNICATION TASK ATTACH FAILED, RC=rc****Reason:**

A START(XSYS) modify command to restart the Xmanager cross system communication failed with attach reason code rc.

PXM5322

CROSS SYSTEM COMMUNICATION TASK ALREADY ACTIVE

Reason:

A START(XSYS) modify command to restart the Xmanager cross system communication task was ignored because the communication task was already active.

Action:

None.

PXM5601

PXMDBX TERMINATING / MAX RETRYs REACHED.

Reason:

A critical component of the Xmanager address space has terminated abnormally. Termination is in progress because numerous recoverable abends have occurred.

QI Messages

Messages with the QI prefix are generated from post-installation processing.

QI012I

INFORMATION FOR DB2 SUBSYSTEM subsystem ENTERED, ENTER NEXT SUBSYSTEM.

Reason:

Information for the PIPELINE parmlib member has been entered for Dictionary ID *dictionary*.

Action:

You must do one of the following:

- Enter information for the next dictionary ID to be entered into the PIPELINE member, placing a Y or N for the Multiple Dictionary ID's question and then press Enter.
- Enter N for Multiple Dictionary ID's and press Enter to go into edit on the PIPELINE member.
- Enter F3 (End) to go into edit on the PIPELINE member.

QI013AI

INFORMATION FOR DB2 SUBSYSTEM subsystem ENTERED.

Reason:

Information for the SECURE parmlib member has been entered for DB2 subsystem *subsystem*.

QI013I

INFORMATION FOR DB2 SUBSYSTEM subsystem ENTERED, ENTER NEXT SUBSYSTEM.

Reason:

Information for the SECURE parmlib member has been entered for the specified DB2 subsystem.

Action:

You must now do one of the following:

- Enter information for the next DB2 subsystem to be entered into the SECURE member, placing a Y or N for the additional subsystems question and then press Enter.
- Enter N for additional subsystems and press Enter to go into edit on the SECURE member.
- Enter F3 (END) to go into edit on the SECURE member.

QI014E

UNABLE TO ALLOCATE highlvl..LOADLIB TO TASKLIB.

Reason:

The *high-level..CDBALOAD* data set (formerly *high-level..LOADLIB*) could not be allocated to the TASKLIB DD.

Action:

Make sure the data set exists, and if it exists check to see if it is being held with an exclusive lock.

QI015E

SYNTAX OF RCSADM(S) ENTRIES WAS INCORRECT, ENCRYPTION WAS BYPASSED.

Reason:

The syntax of the RCSADM(s) was incorrect and encryption has to be bypassed.

Action:

Correct an retry.

QI016I

INFORMATION FOR DB2 SUBSYSTEM subsystem ENTERED, ENTER NEXT SUBSYSTEM.

Reason:

Information for the MIGRATOR parmlib member has been entered for the specified DB2 subsystem.

Action:

You must now do one of the following:

- Enter information for the next DB2 subsystem to be entered into the MIGRATOR member, placing a Y or N for the additional subsystems question and then press Enter.
- Enter N for additional subsystems and press Enter to go into edit on the MIGRATOR member.
- Enter F3 (END) to go into edit on the MIGRATOR member.

QI016I

INFORMATION FOR DB2 SUBSYSTEM subsystem ENTERED.

Reason:

Information for the MIGRATOR parmlib member has been entered for the specified DB2 subsystem.

QI017E

RC=return-code, RCODE=reason-code message.

Reason:

Post Install was unable to successfully establish a thread to the specified DB2 subsystem using the Call Attachment Facility (CAF). The information in the message is the information that DB2 has returned to the CA CAF component.

QI018E

UNABLE TO ALLOCATE dataset.

Reason:

The specified data set was unable to be allocated. Make sure the data set exists. If it exists, check to see if it is being held with an exclusive lock.

QI019E

UNABLE TO DEALLOCATE dataset.

Reason:

The specified data set was not able to be unallocated.

QI020E

COMPARE REPORT FILE dataset COULD NOT BE BROWSED.

Reason:

The Object Compare Report *data set* could not be browsed. If you have not performed the object comparison, this data set does not exist yet.

Action:

If you have performed the comparison, check to be sure the data set exists and that it is not being held with an exclusive lock.

QI021E

ANALYSIS OUTPUT FILE dataset COULD NOT BE EDITED.

Reason:

The Object Compare Report *data set* could not be edited. If you have not performed the object comparison, this data set does not exist yet.

Action:

If you have performed the comparison, check to be sure the data set exists and that it is not being held with an exclusive lock.

QI022I

DATASET 'highlvl..CLIST.suffix' IS NOW CUSTOMIZED.

Reason:

The customization of the command list library is now complete. The selected highlevel has been replaced in the members that appeared as they were customized.

QI023E

DATASET 'highlvl..CLIST.suffix' DOES NOT EXIST.

Reason:

The command list library data set was not found.

Action:

Check the output from your unload job to be sure that no errors occurred on the creation of this library.

QI023E

DATASET 'highlvl..CLIST.suffix' DOES NOT EXIST.

Reason:

The model library data set was not found.

Action:

Check the output from your unload job to be sure that no errors occurred on the creation of this library.

QI024I

DATASET 'highlvl..MODEL.suffix' IS NOW CUSTOMIZED.

Reason:

The customization of the model library is now complete. The STEPLIB, USERLIB, DB2 libraries, CDBAPARM, and CDBAXMSG library symbols have been replaced by the names of the permanent library data sets.

QI025I

MAKE ANY CHANGES. PF3 OR END TO SAVE. CANCEL TO EXIT WITHOUT SAVING.

Action:

If you want to make changes to the variable initialization CLIST make them now and press F3 (End) to save.

QI026E

DATASET dataset NOT FOUND.

Reason:

The specified data set could not be found.

QI026I

PLEASE ENTER NEXT LIBRARY OR PF3 (END) TO QUIT.

Reason:

Enter the name of the next data set that you wish to modify.

QI028E

FILE dataset COULD NOT BE EDITED.

Reason:

The specified data set was unable to be edited.

Action:

Make sure the data set exists. If it exists, check to see if it is being held with an exclusive lock.

QI029I

YOU ARE USING ALL THE FILES CREATED DURING THE INSTALL.

Reason:

The Post Install Cleanup step attempts to delete data sets that are not needed by the products that you have selected. However, you have selected a mix of products where all the libraries that have been created are needed by a product.

QI030E

START/END DATE MUST BE GREATER THAN 0100 AND LESS THAN 1232.

Reason:

The START/END date must be greater than 0100 and less than 1232 because these entries represent month dates. They must correspond to dates that actually exist.

QI031E

START DATE MUST BE LESS THAN END DATE.

Reason:

You cannot specify an ending date that is less than the date you specified as the begin date.

QI032E

START DAY MUST BE LESS THAN END DAY.

Reason:

You cannot specify an ending day that is less than the day you specified as the begin day.

QI033E

START/END TIME MUST BE LESS THAN 2401.

Reason:

The START/END time must be less than 2401 because these entries represent hours and minutes within a 24 hour day. The entry here must correspond to times that actually exist.

QI034E

START TIME MUST BE BEFORE END TIME.

Reason:

You cannot specify an ending time that is less than the time you specified as the begin time.

QI035E

UNABLE TO ALLOCATE dataset.

Reason:

The specified data set was unable to be allocated.

Action:

Make sure the data set exists. If it exists check to see if it is being held with an exclusive lock.

QI036E

UNABLE TO OPEN dataset.

Reason:

The specified data set was unable to be opened.

Action:

Make sure the data set exists. If it exists check to see if it is being held with an exclusive lock.

QI037E

UNABLE TO RENAME PGF LOAD MODULE.

Reason:

The PGF load module could not be renamed.

Action:

Make sure the data set exists, and if it exists check to see if it is being held with an exclusive lock.

QI038E

UNABLE TO CLOSE dataset.

Reason:

The specified data set was unable to be closed.

Action:

Make sure the data set still exists. If it has not been deleted, make sure it is not held with an exclusive lock.

QI039E

UNABLE TO FREE dataset.

Reason:

The specified data set was unable to be freed.

Action:

Make sure the data set still exists. If it has not been deleted, make sure it is not held with an exclusive lock.

QI040I

THIS STEP NOT NECESSARY BASED ON PRODUCTS SELECTED FOR INSTALL.

Reason:

The step you have selected is not necessary because the products you have selected do not require the items created by this step.

QI041I

ENTER NEXT PASSWORD/CPU ID, OR PF3 TO END.

Action:

Enter each CPU and product password that has been provided for you. After typing in each password press Enter. When you have entered all the passwords, press F3 (END) to exit the entry process. If you feel at some point that you have made a mistake, keep entering passwords and you will be able to check all that you have entered before committing the passwords to the products.

QI042I

PRF INITIALIZATION SUCCESSFUL.

Reason:

The Report Facility has been properly initialized.

QI043I

PRF INITIALIZATION NOT SUCCESSFUL.

Reason:

The Report Facility has not been properly initialized.

QI044I

THIS STEP NOT NECESSARY SINCE COMPUTER ASSOCIATES WAS NOT PREVIOUSLY INSTALLED.

Reason:

If you have not installed a previous tape or you are not copying information from a previous tape, this step does not need to be performed.

QI045E

AT LEAST ONE TABLE DEFINITION LIBRARY MUST BE ENTERED.

Reason:

At least one table definition library must be specified for the Pipeline product to function properly.

QI046E

AT LEAST ONE MAPPING ROUTINE LIBRARY MUST BE ENTERED.

Reason:

At least one mapping routine library must be specified for the Pipeline product to function properly.

QI047E

subsystem NOT FOUND IN PIPELINE PARMLIB MEMBER.

Reason:

The DB2 subsystem you have specified was not previously specified in the Pipeline parmlib member.

Action:

Correct the subsystem specification or go back and add the subsystem to the Pipeline parmlib member.

QI048E

OWNER CARD NOT FOUND IN PIPELINE PARMLIB MEMBER FOR subsystem.

Reason:

The owner card you have specified was not previously specified in the Pipeline parmlib member.

Action:

Correct the owner card or go back and add the owner card to the Pipeline parmlib member.

QI049I

THE OBJECT CREATION MUST BE SUBMITTED IN BATCH MODE.

Action:

You must submit the object creation job in batch to allow the DB2 authorized functions to execute. If you have your temporary libraries APF authorized, you may run the object creation online.

QI050I

ENTER SUBMIT TO EXECUTE THE JOB AND EXIT QI TO AVOID DSN CONTENTION.

Action:

Enter SUBMIT to execute the job. After you have submitted this job, you should exit Post Install to avoid data set contention on the data sets that you have currently allocated.

QI051I

RC/M MASK SET CUSTOMIZATION COMPLETED SUCCESSFULLY.

Reason:

Indicates that the mask set customization step has been completed successfully.

QI052I

RC/M @DEFAULT MASK SET ALREADY EXISTS. INSTALL HAS BEEN AVERTED.

Reason:

Indicates that the @DEFAULT mask set already exists. This part of the install does not need to be completed.

QI053I

YOU MUST SPECIFY A CREATOR FOR THE @DEFAULT MASK SET.

Reason:

Indicates that you must enter a creator ID for the @DEFAULT Automapping Mask set.

QI054I

RC/M CUSTOMIZATION CONNECTION ERROR. PLEASE CHECK SUBSYSTEM AND PLAN.

Reason:

Indicates that there was a DB2 subsystem connection error during customization. Make sure that the correct subsystem was specified in the SETUP parmlib member and the plan was bound successfully.

QI055I

FAST UNLOAD MUST BE USED WHEN SELECTING FAST LOAD.

Reason:

Indicates that you must also select the CA Fast Unload utility when you select the CA Fast Load utility during Model Services customization.

QI056I

YOU HAVE SPECIFIED AN INVALID CUSTOMIZATION VALUE. PLEASE REENTER.

Reason:

You have entered an invalid value for selection. Valid values are Y for yes or N for no.

QI057I

REVIEW THE DDL FOR THE PROPER CREATOR NAME. CANCEL IF INCORRECT.

Action:

Review the DDL to ensure that each set of objects have the correct owner ID, that was specified in the PIPELINE parmlib member, for each data dictionary. Enter CANCEL if the DDL is incorrect.

QI058E

CANNOT GET EXCLUSIVE CONTROL ON *dataset*.

Reason:

The *data set* must be allocated with exclusive control to rename a PGF load module.

Action:

Check to see if the data set exists and make sure no other users have an queues on the data set.

QI059I

NO PPA TABLE UPGRADING IS REQUIRED FOR THE SPECIFIED VERSION.

Reason:

Indicates that it is not necessary for you to run the PPA Load step of PPA customization for your current version of PPA. All the objects within the PPA tables are current and do not require upgrading.

QI060I

THIS STEP IS NOT REQUIRED FOR PRODUCTS SELECTED.

Reason:

Because you did not select Object Tracker or Query Analyzer, you do not need to execute the step that you have selected.

QI061E

INVALID OPTIONS SPECIFIED. PRESS HELP FOR MORE INFO.

Reason:

Indicates that you have entered an invalid option.

Action:

Make sure you separate all options by a comma.

Valid format: (opt1,opt2,opt3)

- Y-May run Online
- W-May run Online/Issue Warning
- B-Force to run in Batch
- Y-May run without ACM
- N-Force ACM ON
- Y-May run Online (Catalog List)
- W-May run Online/Issue Warning (Cat list)
- C-Cancel run Online (Catalog List)

QI062E

INVALID OPTIONS SPECIFIED. PRESS HELP FOR MORE INFO.

Reason:

Indicates that you have entered an invalid option.

Action:

Make sure you separate all options by a comma.

Valid format: (opt1,opt2)

- Y-May run Online
- W-May run Online/Issue Warning
- B-Force to run in Batch
- Y-May run Detail
- N-Force Summary option

QI063E

INVALID OPTIONS SPECIFIED. PRESS HELP FOR MORE INFO.

Reason:

Indicates that you have entered an invalid option.

Action:

Make sure you separate all options by a comma.

Valid format: (opt1,opt2)

- Y-May run Online (Generate)
- W-May run Online/Issue Warning (Generate)
- C-Cancel run Online (Generate)
- Y-May run Online (Execute)
- W-May run Online/Issue Warning (Execute)
- B-Force to run in Batch (Execute)

QI064E

AN ERROR HAS OCCURRED IN THE PIPELINE DDL CREATION PROCESS.

Reason:

The Pipeline product requires modifications to its DDL member to allow multiple dictionaries to be defined. This error indicates that an error occurred while trying to replicate the DDL for all dictionary IDs that were entered for the current DB2 subsystem. Common causes for this error include the PIPEDDL member being missing, another user holding the PIPEDDL member exclusively or another user holding the entire CDBASRC library with an exclusive lock.

QI065E

AN ERROR WAS FOUND IN THE PIPELINE MEMBER. PRESS PF1 FOR MORE INFO.

Reason:

The Pipeline object comparison feature reads the Pipeline parmlib member. Indicates that an error occurred while processing the Pipeline parmlib member. Common causes for this error include a missing PIPEDDL member, another user holding the PIPEDDL member exclusively or another user holding the entire CDBASRC library with an exclusive lock. Also check the PIPELINE parmlib member for format errors or missing subsystems.

QI066I

IF YOU HAVE SUBMITTED THE COPY JOB, PRESS PF1 FOR INSTRUCTIONS.

Reason:

The copy job you just submitted may copy members into new extents in the CA libraries. So Post Install can access these new extents, after the copy job is complete you must exit and reenter Post Install. This will assure the proper execution of the rest of your installation.

QI067E

AN ERROR WAS FOUND IN THE ALOGDEL MEMBER. PRESS PF1 FOR MORE INFO.

Reason:

Indicates that an error occurred in the Edit Parmlib Member step while processing the ALOGDEL parmliib member. Make sure the ALOGDEL parmliib member exists and has no non-numeric entries. Where there are unusable entries, defaults of zero have been used.

QI068E

AN ERROR WAS FOUND IN THE PDA MEMBER. TYPE STATUS FOR MORE INFO.

Reason:

Indicates that an error occurred in the Edit Parmlib Member step while processing the PDA parmliib member. Check the PDA parmliib member for format errors or missing subsystems. You can enter STATUS at the command line to get more information on the PDA parmliib member.

QI069E

AN ERROR WAS FOUND IN THE RCEDIT MEMBER. TYPE STATUS FOR MORE INFO.

Reason:

Indicates an error occurred in the Edit Parmlib Member step while processing the RCEDIT parmliib member. Check the RCEDIT parmliib member for format errors or missing subsystems. You can enter STATUS at the command line to get more information on the RCEDIT parmliib member.

QI070E

AN ERROR WAS FOUND IN THE PPA MEMBER. TYPE STATUS FOR MORE INFO.

Reason:

Indicates an error occurred in the Edit Parmlib Member step while processing the PPA parmliib member. Check the PPA parmliib member for format errors or missing subsystems. You can enter STATUS at the command line to get more information on the PPA parmliib member.

QI071E

AN ERROR WAS FOUND IN THE SQE MEMBER. TYPE STATUS FOR MORE INFO.

Reason:

Indicates an error occurred in the Edit Parmlib Member step while processing the SQE parmliib member. Check the SQE parmliib member for format errors or missing subsystems. You can enter STATUS at the command line to get more information on the SQE parmliib member.

QI072E

AN ERROR WAS FOUND IN THE BATPROC MEMBER. TYPE STATUS FOR MORE INFO.

Reason:

Indicates an error occurred in the Edit Parmlib Member step while processing the BATPROC parmliib member. Check the BATPROC parmliib member for format errors or missing subsystems. You can enter STATUS at the command line to get more information on the BATPROC parmliib member.

QI073E

AN ERROR WAS FOUND IN THE PQA MEMBER. TYPE STATUS FOR MORE INFO.

Reason:

Indicates an error occurred in the Edit Parmlib Member step while processing the PQA parmliib member. Check the PQA parmliib member for format errors or missing subsystems. You can enter STATUS at the command line to get more information on the PQA parmliib member.

QI074E

AN ERROR WAS FOUND IN THE UTIL MEMBER. TYPE STATUS FOR MORE INFO.

Reason:

Indicates an error occurred in the Edit Parmlib Member step while processing the UTIL parmliib member. Check the UTIL parmliib member for format errors or missing subsystems. You can enter STATUS at the command line to get more information on the UTIL parmliib member.

QI075E

AN ERROR WAS FOUND IN THE SECURE MEMBER. TYPE STATUS FOR MORE INFO.

Reason:

Indicates an error occurred in the Edit Parmlib Member step while processing the SECURE parmliib member. Check the SECURE parmliib member for format errors or missing subsystems. You can enter STATUS at the command line to get more information on the SECURE parmliib member.

QI076E

AN ERROR WAS FOUND IN THE SETUP MEMBER. TYPE STATUS FOR MORE INFO.

Reason:

Indicates an error occurred in the Edit Parmlib Member step while processing the SETUP parmliib member. Check the SETUP parmliib member for format errors or missing subsystems. You can enter STATUS at the command line to get more information on the SETUP parmliib member.

QI077E

AN ERROR WAS FOUND IN THE PIPELINE MEMBER. PRESS PF1 FOR MORE INFO.

Reason:

Indicates an error occurred in the Edit Parmlib Member step while processing the PIPELINE parmliib member. Make sure the PIPELINE parmliib member exists and contains the following cards: SRCLIB, DICTID, DICTSSID, OWNER, TABLEPDS, MAPLIB, and DICTPLNS. Check that the first two cards are SRCLIB and DICTID and that there is only one SRCLIB card for the parmliib member.

QI078E

NO MEMBERS SELECTED TO BE COPIED. PRESS PF1 FOR HELP.

Reason:

Indicates that there were no Security Exits or member names selected to be copied.

Action:

Check to see that you entered a 'Y' in any of the Copy EXIT## entries or that you have specified a member name in the Member name entries.

QI079E

AN ERROR OCCURRED ALLOCATING dataset.

Reason:

An error occurred while attempting to allocate the control file for a copy of the Pipeline dictionary bind cards.

Action:

Check to see if the *data set* file exists and if there are any locks on it.

QI080E

UNABLE TO COPY DICBINDO FROM dataset.

Reason:

The DICBINDO member could not be copied during a Pipeline bind.

Action:

Make sure the *data set* exists. If it exists, check to see if it is being held with an exclusive lock.

QI081I

LOAD MODULE PTIPGFT HAD PREVIOUSLY BEEN RENAMED DSQUEGV1.

Reason:

This informational messages indicates that the renaming of the load module PTIPGFT to DSQUEGV1 had already been done prior to the current execution of PGF customization.

QI082E

BOTH LOAD MODULES PTIPGFT AND DSQUEGV1 ARE MISSING.

Reason:

An attempt was made to rename the load module PTIPGFT to DSQUEGV1. Because neither load module could be found, the attempt to rename was aborted.

Action:

Check to see that the modules have been properly copied and that they have not been deleted.

QI083I

LOAD MODULE PTIPGFT HAS BEEN RENAMED DSQUEGV1.

Reason:

The PGF customization step has renamed load module PTIPGFT to DSQUEGV1. This allows QMF to load the CA Governor rather than the IBM governor when the CA load libraries are concatenated before the IBM QMF load libraries.

QI084E

VALID LINE COMMANDS ARE (U, S, B OR M). PRESS HELP FOR MORE INFO.

Reason:

You have entered an invalid line command.

Action:

The following are valid line commands. If you leave the field blank, the product will not be installed.

- U-Unselect a product for installation.
- S-Install the product and its maintenance.
- B-Install the base product.
- M-Apply maintenance to the product.

QI085E

DB2 SUBSYSTEM NOT ENTERED IN DB2 SUBSYSTEM PARAMETERS. HELP FOR MORE.

Reason:

You have entered a DB2 subsystem ID that does not correspond to the ID entered in the DB2 Subsystem Parameters screen of the Enter Installation Information step. If you wish to perform tasks on the subsystem you have selected, return to the DB2 Subsystem Parameters screen and enter the proper information.

QI086I

NO PREVIOUS TAPE VOLSER SELECTED.

Reason:

You have not entered a previous tape VOLSER for the tape last used to install PDA. The VOLSER entered here is not necessarily the same as the last tape installed. It might also be valid not to enter a VOLSER if PDA has not been previously installed. If PDA has not been previously installed, you should not be executing this step. See your installation manual for more instructions.

QI087E

AN ERROR WAS FOUND IN THE PDT MEMBER. TYPE STATUS FOR MORE INFO.

Reason:

The PDT Edit Parmlib feature requires the reading of the PDT parmliib member. Indicates that an error occurred while processing the PDT parmliib member.

Action:

Check the PDT parmliib member for format errors.

QI088I

REVIEW THIS MEMBER FOR CORRECTNESS AND COPY TO A PROCEDURE LIB.

Reason:

After reviewing the PTXMAN procedure, you should copy the procedure from *high-level.CDBASAMP* to a systems procedure library where procedures that start tasks are normally kept.

QI089E

THE ATTEMPT TO AUTOSIZE HAS ENCOUNTERED AN ERROR.

Reason:

The autosize routine has encountered an error. A common error is not properly specifying the VCAT information in the DB2 Subsystem Information screen in the Enter Installation Information step. Other possible errors include the inability to access the IDCAMS program from this address space and not having the DDF objects created in the catalog.

Although the autosizing routine has experienced an error, it has attempted to provide as much information as possible. You might be able to use the size values that it did generate.

Action:

Review the size values and continue or attempt to rectify the error.

QI090E

QICPRF CLIST HAS FAILED. PLEASE CHECK THE CLIST FOR ERRORS.

Reason:

The CLIST could not allocate DB2 and COBOL libraries.

QI091I

NO PARMLIB MEMBERS FOUND IN THE PREVIOUS VERSION PARMLIB.

Reason:

No parmlib members were found in your previous version of the products.

QI092E

THE PROPER QI MAINT. HAS NOT BEEN INSTALLED. PRESS HELP.

Reason:

You have selected a target VOLSER that does not match the install maintenance that has been unloaded. Be sure you have unloaded the install maintenance by executing the UNLOADM step of the \$AQIUSER job. If you have executed this step, be sure that the proper tape has been unloaded and that the job did not have errors.

Action:

You must unload the install maintenance prior to attempting to unload any product maintenance.

QI093E

THE LEVEL MEMBER OF THE CONTROL DATASET COULD NOT BE FOUND.

Reason:

The LEVEL member in the *.CDBASAMP data set is missing. This member is required to run Post Install.

QI094E

UTILITY WORK DATASET ALREADY ALLOCATED. ENTER CANCEL TO EXIT.

Reason:

The Utility Work Dataset has already been allocated. If you already installed the CA Utilities for DB2 or CA Log Analyzer, you do not have to run the format job.

QI095E

DB2 LOAD LIBRARY &db2LLIB IS NOT CATALOGED.

Reason:

The DB2 load library requested is not cataloged and is unable to be allocated.

Action:

Specify the proper name for this library.

QI096E

DB2 EXIT LIBRARY &db2ELIB IS NOT CATALOGED.

Reason:

The DB2 exit library requested is not cataloged and is unable to be allocated.

Action:

Specify the proper name for this library.

QI097E

MIGRATION NOT NEEDED FOR TAPES AFTER THE P303 SERIES.

Reason:

This message is generated during CA Dependency Analyzer customization.

QI098E

UNABLE TO OPEN &ODSN.

Reason:

This message is generated during SMP/E processing. A *.CDBASAMP (IVOLSER) member or the SMP/E PTF VSAM control data set could not be allocated.

QI099E

UNABLE TO READ &ODSN.

Reason:

This message is generated during SMP/E processing.

QI100E

THIS FIX HAS ALREADY BEEN ACCEPTED. PRESS HELP FOR MORE INFO.

Reason:

This SMP/E fix has already been accepted. It cannot be accepted again.

QI101E

YOU HAVE NOT SELECTED ANY FIXES FOR THIS MAINT. SESSION. PRESS HELP.

Reason:

You have not selected any fixes.

QI102E

VALID LINE COMMANDS ARE (S OR U). PRESS HELP FOR MORE INFO.

Reason:

You have entered an invalid line command. Valid line commands are **S** or **U** only.

QI103E

UNABLE TO ALLOCATE &ODSN.

Reason:

The data set &ODSN was unable to be allocated. Make sure the data set exists. If it exists, check to see if it is being held with an exclusive lock. You may continue with your SMPE install, but the status of the fixes listed on this screen may be in error.

QI104E

SSID MUST BE SPECIFIED FOR A NEW SUBSYSTEM ENTRY.

Action:

You must specify an SSID for a new subsystem entry.

QI105E

"D" IS NOT A VALID ENTRY FOR A NEW SUBSYSTEM ENTRY.

Reason:

You have entered an invalid line command. You cannot enter **D** for a new subsystem entry.

QI106E

VALID LINE COMMANDS ARE (S OR D). PRESS HELP FOR MORE INFO.

Reason:

You have entered an invalid line command.

Action:

Enter **S** to select a SSID, enter **D** to delete a SSID or leave the field blank.

QI107E

ONLY B ALLOWED FOR SMP/E INSTALL. PRESS HELP FOR MORE INFO.

Reason:

You have entered an invalid line command. For the SMP/E install, you may only enter a **B** to install the base product. Maintenance may only be applied in an SMP/E install by applying PTFs and ZAPs.

QI108I

INFORMATION FOR DICTIONARY ID &PIPDID ENTERED.

Reason:

Information for the dictionary ID has been accepted.

QI109E

YOU SHOULD NOT ENTER INFORMATION FOR THE SAME DICTID TWICE.

Reason:

The DICTID information has already been entered. It cannot be entered again.

QI110E

AT LEAST ONE STRLIB DATASET MUST BE ENTERED.

Reason:

You have not entered a DB2 STRLIB data set. At least one DB2 STRLIB data set must be entered.

QI111E

AT LEAST ONE UPSLIB DATASET MUST BE ENTERED.

Reason:

You have not entered a UPSLIB data set. At least one UPSLIB data set must be entered.

QI112E

AT LEAST ONE UPLLIB DATASET MUST BE ENTERED.

Reason:

You have not entered a UPLLIB data set. At least one UPLLIB Dataset must be entered.

QI113E

ONE OR MORE SELECTED FIXES HAVE NOT BEEN RECEIVED.

Reason:

Indicates one or more of the selected fixes was not found in your SMP/E data sets. For these fixes, the status area will be blank.

QI113I

The SPFALLOC command is not required and is no longer supported.

Reason:

The SPFALLOC command is no longer required to allocate file tailoring temporary work files. The work files are allocated automatically.

Action:

None.

QI114E

ONE OR MORE SELECTED FIXES HAVE NOT BEEN APPLIED.

Reason:

Indicates a problem with applying one or more of the selected fixes.

QI114I

The SPFFREE command is not required and is no longer supported.

Reason:

The SPFFREE command is no longer required or supported for freeing file tailoring temporary work files. The work files must remain allocated for the remainder of your ISPF session.

Action:

None.

QI115W

SMP/E FIX STATUS CHECKING TURNED ON

Reason:

Indicates that fix status checking will be performed when you select Apply or Accept options. If a possible SMP/E violation is detected, you will receive an information message.

Action:

To turn off fix status checking, enter SMPSCOFF in the command line.

QI116W

SMP/E STATUS CHECKING TURNED OFF

Reason:

Indicates that fix status checking will not be performed when you select Apply or Accept options. You will not be notified of possible SMP/E violations.

Action:

To turn on fix status checking, enter SMPSCOFF in the command line.

QI117E

ONE OR MORE FIXES HAVE ALREADY BEEN RECEIVED.

Reason:

One or more of the fixes you selected to receive have already been received. Fixes with a status of REC (received) are eligible only to be Applied.

QI118E

ONE OR MORE FIXES HAVE ALREADY BEEN APPLIED.

Reason:

One or more of the fixes you have selected to apply have already been applied. Fixes with a status of APP (applied) are eligible only to be Accepted.

QI119E

ONE OR MORE FIXES HAVE ALREADY BEEN ACCEPTED.

Reason:

One or more of the fixes you have selected to accept have already been Accepted.

QI121E

SMP/E REQUIRES LAST ZONE NAME QUALIFIER TO BE .CSI.

Reason:

The SMP/E Zone data set names must end in .CSI.

QI122E

SMP/E SUPERCEDED (SUP) FIXES CANNOT BE SELECTED.

Reason:

Fixes with a status of SUP (superceded) are eligible only to be Accepted.

QI123E

FIX MUST BE IN REC STATUS TO BE ELIBIBLE FOR APPLY SELECT.

Reason:

Fixes cannot be applied until they have a status of REC (received).

QI124E

FIX MUST BE IN REC/APP STATUS TO ELIGIBLE FOR ACCEPT SELECT.

Reason:

Fix can be selected for accept processing when status is REC or APP.

QI168

WORK DATASETS ISPWRK1 THROUGH ISPWRK4 HAVE BEEN ALLOCATED

Reason:

This message indicates that temporary ISPF work datasets needed for JCL file tailoring have been allocated successfully.

Action:

None.

QI169

Datasets ISPWRK1 through ISPWRK4 have been freed.

Reason:

This messages indicates that temporary ISPF work datasets needed for JCL file tailoring have been freed successfully.

Action:

None.

QI170

THERE WAS A PROBLEM ALLOCATING THE FOUR ISPWRK DATASETS

Reason:

This message indicates that one or more of the four ISPWRK1 – ISPWRK4 temporary datasets were not allocated successfully. These temporary datasets are used as ISPF work space for file tailoring of JCL file. It is possible that the JCL files may be tailored successfully despite this message.

Action:

If the the tailoring is not successful (a B37 error may be encountered), then try changing the work file unit using INS main menu option 0 followed by option 4.

QI171W

PLAN NOT FOUND FOR PLAN NAME = planname

Reason:

A plan named planname is listed in the new PLANSxx parmlib member (PTIPARMN DD) but plan planname has not been bound. The Copy Plan Authorizations task will skip all authorizations for planname.

Action:

Follow these steps:

1. Prepare and execute the Bind Product Plans and Packages DB2 customization task.
2. Resubmit the Copy Plan Authorizations job.

QI172W

userid LACKS GRANT PRIVILEGE FOR PLAN planname

Reason:

The Copy Plan Authorizations task has encountered a user/grantor who had the privilege to GRANT EXECUTE on the old version of a plan but who does not have the privilege to GRANT EXECUTE on the new version of the plan. The task skips all authorizations from userid on planname.

The Copy Plan Authorizations task assumes that the grantors of the execute privilege for the plans of the prior release also have the privilege to GRANT EXECUTE for the plans of the new release. The privilege to GRANT EXECUTE for a plan of the new release can be held in one or more of the following ways:

- userid has EXECUTE privilege on plan planname with GRANT option.
- userid has SYSADM authority.
- userid is the owner of plan planname

This warning message is issued when the grantor does not have the GRANT EXECUTE privilege for the new plan in any of the ways described.

Action:

Complete these steps:

1. A user with SYSADM authority should do one of the following:
 - Give userid the privilege to grant execute on planname with this SQL command:

`GRANT EXECUTE ON PLAN planname TO userid WITH GRANT OPTION;`
 - Give userid SYSADM authority with the SQL command:

`GRANT SYSADM TO userid;`
2. Resubmit the Copy Plan Authorizations job.

QI300

ENTER COMMAND

Reason:

Select fixes before pressing Enter key.

QI301

INVALID COMMAND ENTERED.

Reason:

This command is not valid. For information on valid commands, enter a question mark (?) in the command field.

QI302

INVALID CSI DATASET NAME.

Reason:

You have entered an invalid CSI data set name.

QI303

CSI DATASET NAME TOO LONG.

Reason:

This error is issued if the SMP/E data set name is larger than 44 characters.

QI304

INVALID RESPONSE, SPECIFY YES OR NO.

Reason:

Yes and No are the only valid responses.

QI308

DATASET NAME error reason

Reason:

An error was encountered processing the CDBASKL1 data set. The name of the CDBASKL1 data set appears in the message. The error reason is one of the following:

- DATASET NOT FOUND
- ERROR PROCESSING REQUESTED DATASET
- PROTECTED DATASET
- VOLUME NOT ON SYSTEM
- UNAVAILABLE DATASET
- INVALID DATASET NAME

QI309

There are no Rebind Id members in the DBRMCNTL dataset

Reason:

There are NO rebind id members listed in the member selection list for panel INSSBND1 because the CDBASKL1 data set (formerly DBRMCNTL) is empty.

QI310

Enter one of the following options: ALLS, ALLU or PROCESS

Action:

Enter a valid primary command of ALLS, ALLU or PROCESS.

QI311

Enter one of the listed options

Action:

Enter one of the available options listed on panel INSMBIND.

QI313E

SSIDVER parameter in SETUP?? is incorrect for subsystem SSID

Reason:

The version specified in the SETUP?? member parameter SSIDVER is not an acceptable DB2 version.

QI314E

SSIDMODE parameter in SETUP?? is incorrect for subsystem SSID

Reason:

The mode for the DB2 subsystem is missing or not one of the following acceptable values for V8 and above subsystems:

- CM (compatibility mode)
- ENFM (enabling new function mode)
- NFM (new function mode)

QI317

A MINIMUM OF ONE ENTRY IS REQUIRED WITHIN PERMANENT DASD FILES.

Reason:

This message indicates that a field value is missing in the INSALLOC screen.

Action:

When completing the fields in the INSALLOC screen, if there are no SMS classes entered, then you must enter at least the device type field for permanent files.

QI318

THE DEVICE TYPE IS REQUIRED ALONG WITH THE VOLUME SERIAL

Reason:

This message indicated that device type is missing.

Action:

When specifying allocations parameters for permanent DASD datasets, if you specify a volume serial, then you must also specify a device type.

QRFM Messages

Messages with the QRFM prefix are generated from CA Compile/PRF.

QRFM001I

FUNCTION COMPLETED SUCCESSFULLY.

Reason:

The function or action that you requested has been completed successfully.

Action:

None.

QRFM002S

PRODUCT FAILED ACQUIRING *number* BYTES OF STORAGE.

Reason:

A GETMAIN request was made by the product for the number of bytes indicated by *number*. The request could not be satisfied by the system. The storage could not be acquired and the product cannot continue with the requested function.

Action:

Try again after other storage in the system has been freed (for example, when other users have finished their work). If there are no conflicting tasks or users, contact your system administrator to determine whether your task can be allotted more storage.

QRFM003S

PRODUCT FAILED RELEASING STORAGE AT *address*.

Reason:

The product has issued a FREEMAIN request for storage at the address indicated by *address*. The system could not grant this request. The storage has not been freed. The product may continue to work, but this condition usually indicates that a severe error has occurred.

Action:

If a severe error has occurred, terminate the current session and inform your system administrator.

QRFM004S

PRODUCT INVOKED WITH INVALID PARAMETER LIST.

Reason:

The product has been invoked with an invalid parameter list, which prevents it from operating correctly.

Action:

Contact your system administrator to correct this condition.

QRFM005S**PRODUCT SCREEN FILE COULD NOT BE OPENED OR CLOSED.****Reason:**

The product screen file could not be opened or closed. This file contains the screen definitions required to operate the product successfully. The file has been corrupted or the product has not been installed correctly.

Action:

Contact your system administrator to ensure that the product is installed correctly.

QRFM006S**CAF ERROR: RETURN=return_code; REASON=reason_code; FUNCTION=function.****Reason:**

The product's attempt to use the DB2 Call Attach Facility has failed. The message indicates the *Return and Reason Codes* issued by DB2 as well as the function that was being processed when the failure occurred. The program cannot execute unless the CAF requests are successful. When SQLCA information is available, the SQL Error screen also displays to further describe the failure.

Action:

Contact your system administrator to investigate the error indicated by the message text. This message usually indicates that the product has not been installed correctly.

QRFM007S**INT ERROR: RETURN=return_code; REASON=reason_code; MODULE=module.****Reason:**

The product has failed for an unexpected internal reason. The return code, reason code and module indicate the location in the product where the failure occurred. The requested function cannot be satisfied.

Action:

Contact CA with a description of the failure scenario and the message text.

QRFM008E

INVALID COMMAND: COMMAND IS NOT DEFINED FOR THIS SCREEN.

Reason:

The indicated command is not supported for the current screen or in the current context. For example, you may be attempting to use a scroll command on a screen that is not scrollable.

Action:

Use a command that is supported by this screen. You may use the COMMANDS command to see a list of the commands that are supported.

QRFM009E

INVALID SELECTION.

Reason:

The selection you have made is not valid.

Action:

Use a selection that is listed in the selection list next to the selection field.

QRFM010E

INVALID FUNCTION KEY.

Reason:

The function key that you have hit is not defined to the current screen.

Action:

Use a function key that is defined to the current screen. A partial list of defined keys displays at the bottom of the screen. To obtain a complete list of the key definitions for the current screen, use the KEYS command.

QRFM011E**TOO MANY ARGUMENTS SPECIFIED FOR COMMAND.****Reason:**

You have entered more arguments in the command field of the current screen for the desired command than that command supports.

Action:

Correct the argument list in the command field and retry. You can obtain a full description of the command by entering the COMMANDS command and selecting the desired command from the presented list.

QRFM012E**INVALID COMMAND: COMMAND IS NOT SUPPORTED BY COMPILE/PRF.****Reason:**

The command that you have indicated is not defined to the product. The request cannot be processed. This message can also be generated when using an invalid command name as an argument to the HELP command. For example, you may have requested help for the XYZ command by entering "HELP XYZ" in the command field.

Action:

Correct the name of the command and retry. To obtain a list of the commands defined to the product, use the COMMANDS command or specify the HELP command while the cursor is positioned in the command field.

QRFM013E**AMBIGUOUS COMMAND.****Reason:**

The command abbreviation that you have indicated is ambiguous. More than one command defined to the product has this abbreviation. The request cannot be processed. For example, you may have entered "R" when both the RIGHT and RUN commands are supported. Or you may have used the HELP command with an ambiguous command name as an argument, such as "HELP R".

Action:

Enter more characters to identify the command uniquely. Use the COMMANDS command to obtain a list of all commands that are defined to the product.

QRFM014E

INVALID ARGUMENT SPECIFIED FOR COMMAND.

Reason:

An argument that you have supplied for the indicated command is not valid. For example, the command may require the entry of a numeric argument, but you have entered a non-numeric value.

Action:

Change the argument to the required value and retry. To obtain detailed information about the syntax of the particular command, use the COMMANDS command and select the desired command from the presented list.

QRFM015E

INVALID MESSAGE NUMBER. SPECIFY A MESSAGE NUMBER OF 1 TO 3 DIGITS.

Reason:

You have entered an invalid message number. Valid message numbers are in the range, 1 to 999. You must enter the number of a message that is currently defined.

Action:

Correct your input to use a 1- to 3-digit number that identifies a message and retry.

QRFM016I

VERTICAL SCROLL INTERVAL IS *scroll_amt* *scroll_type*.

Reason:

This message appears when the vertical scroll interval is changed and when you request it with the use of the question mark (" ? ") as an argument for a vertical scroll command. The scroll interval is the number of lines indicated by *scroll_amt* and may be further described by *scroll_type*, which indicates the type of scrolling currently in effect. Each time you use a vertical scroll command, such as UP or DOWN, the display will be adjusted by this interval.

Action:

None.

QRFM017W**CANNOT SCROLL UP. ALREADY AT TOP OF LIST.****Reason:**

You have used a vertical scroll command (such as UP), but the display is already positioned at the top of the list. There is no further data above the currently displayed items.

Action:

If you meant to scroll the display in a different direction, use the appropriate command such as DOWN, LEFT, or RIGHT.

QRFM018W**CANNOT SCROLL DOWN. ALREADY AT BOTTOM OF LIST.****Reason:**

You have used a vertical scroll command (such as DOWN), but the display is already positioned at the bottom of the list. There is no further data below the currently displayed items.

Action:

If you meant to scroll the display in a different direction, use the appropriate command (such as UP, LEFT, or RIGHT).

QRFM019W**CANNOT VIEW PREVIOUS PAGE. THIS IS THE FIRST PAGE IN THE LIST.****Reason:**

You have requested the display of the previous page or screen, but there is no such page. You are already viewing the first available page.

Action:

If you meant to view a later page, use the NEXT command.

QRFM020W

CANNOT VIEW NEXT PAGE. THIS IS THE LAST PAGE IN THE LIST.

Reason:

You have requested the display of the next page or screen, but there is no such page. You are already viewing the last available page.

Action:

If you meant to view a previous page, use the PREVIOUS command.

QRFM021E

REQUEST COULD NOT BE COMPLETED DUE TO SQL ERROR.

Reason:

The action being taken could not be completed because it required the successful execution of an SQL statement by DB2. The SQL request did not complete successfully. In most cases, the SQL Error Help screen displays detailed information about the SQL error.

Action:

If the error occurred due to a temporary system problem, you may be able to retry your request now or after waiting until the problem clears up. If the error is more severe, you should contact your system administrator with detailed information describing the actions you are taking and the SQL error that is being generated.

QRFM022I

RECORD(S) RETRIEVED SUCCESSFULLY.

Reason:

The specified record, or records, have been retrieved successfully.

Action:

None.

QRFM023I

RECORD(S) CREATED SUCCESSFULLY.

Reason:

The specified record, or records, have been created successfully. The new values have been saved.

Action:

None.

QRFM024I

RECORD(S) UPDATED SUCCESSFULLY.

Reason:

The specified record, or records, have been updated successfully. The new values have been saved.

Action:

None.

QRFM025I

RECORD(S) DELETED SUCCESSFULLY.

Reason:

The specified record, or records, have been deleted successfully.

Action:

None.

QRFM026W

RECORD NOT FOUND.

Reason:

The specified record was not found. You have requested access to a record that does not exist. The record cannot be retrieved, updated or deleted.

Action:

Ensure that the identifying information for the desired record is correct. You may have mistyped this information. If this information is correct, you might need to recreate the record. If you are not sure of this information, you may be able to use wildcard criteria to invoke a list of records from which the desired record can be selected.

QRFM027W

RECORD ALREADY EXISTS.

Reason:

The specified record already exists. It cannot be created again.

Action:

Ensure that the identifying information for the desired record is correct. You may have mistyped this information. If this information is correct, you might need to delete or update the existing record. If you are unsure of this information, you may be able to use wildcard criteria to invoke a list of records where information about existing records can be determined.

QRFM028I

KEY SETTINGS RESET TO DEFAULT VALUES SUCCESSFULLY.

Reason:

The indicated function key settings have been reset to their default values.

Action:

None.

QRFM029I**KEY SETTINGS RECORDED SUCCESSFULLY.****Reason:**

The indicated function key settings have been recorded successfully. These settings will now be in effect for the current screen until you change them or reset them to their default values with the RESET command.

Action:

None.

QRFM030E**REQUIRED INFORMATION IS MISSING.****Reason:**

You have not entered the information that is required to fulfill your request. The cursor is positioned to the required field.

Action:

Enter the appropriate value.

QRFM031E**INVALID NUMERIC ENTRY.****Reason:**

The indicated value is not a valid numeric entry. A valid numeric entry must be made to process your request. The cursor is positioned to the field that is in error.

Action:

Enter a valid numeric value.

QRFM032E

INVALID DATE FORMAT SPECIFIED.

Reason:

The indicated entry does not indicate a valid date format. A valid entry must be made to process your request. The cursor is positioned to the field that is in error.

Action:

Enter a valid date format. Valid entries are:

- ISO (International). Example: CCYY-MM-DD
- USA (United States). Example: MM-DD-CCYY
- STD (Standard). Example: YY/MM/DD
- EUR (European). Example: DD MM CCYY
- XS (Extended-Short). Example: DD Mon CCYY (restricted to report output)
- XL (Extended-Long). Example: Month DD, CCYY (restricted to report output)

QRFM033E

TSO COMMAND FAILED RC=return_code, RS=reason_code, AB=abend_code.

Reason:

The requested TSO command did not complete successfully. The return code, reason code, and abend code that were returned from the system are included in the message text to assist you in determining why the command failed. This is not a product related problem. The product only passes the requested command to your operating system.

Action:

Use a valid command that is supported in your system or contact your system administrator to investigate the reason your system cannot process the requested command.

QRFM034E

"DSN" COMMAND INVALID IN COMPILE/PRF.

Reason:

The DSN command cannot be processed. It would attempt to establish a connection to DB2 for the DSN Command Processor. However, the program is already connected to DB2 using the Call Attach Facility. These connections are not compatible.

Action:

Use a valid command that is supported by your system.

QRFM035E

INVALID VALUE SPECIFIED.

Reason:

You have entered an invalid value. The cursor is positioned at the field that is in error. A valid value is required. You can use the HELP command to obtain help for the field when the cursor is positioned in the field. A list of valid entries will be provided in the help information.

Action:

Enter a valid value.

QRFM036E

INVALID ENTRY: USE "Y" OR "N".

Reason:

You have entered an invalid conditional indicator.

QRFM037I

SOURCE CODE GENERATED SUCCESSFULLY.

Reason:

The source code has been generated successfully for the new program.

Action:

None.

QRFM038I

PLEASE SET HOST VARIABLE TYPES AND DEFAULT VALUES.

Reason:

Review the current list of host variables and update their types and values. The variable types determine the type of host variable that will be used in the generated source code and the logic that manipulates the variable. The value will be used as the default value in the generated source code when an override value is not specified at the time of execution.

Action:

When the list is correct, press Enter to generate the program. Use the END command to cancel the request to generate the program. Update and finalize the list.

Note: This message is informational and does not indicate an error.

QRFM039S

DSNHDECP NOT ACCESSIBLE. DB2 INSTALL PARMS CANNOT BE DETERMINED.

Reason:

The DSNHDECP module cannot be loaded. This is a data-only module that is created during installation of DB2 and contains information about the installation. The information is required to operate correctly. It describes the type of character set being used, the size of decimal data fields, the delimiter recognized in SQL statements, and other things that may be important to the product.

Action:

Ensure that the module is defined and accessible to the current region so that it may be dynamically loaded.

QRFM040E**INVALID DATASET NAME: UNBALANCED QUOTES.****Reason:**

You have entered a data set name with unbalanced quotes. The quotes are used to indicate whether the entered data set name is fully qualified and are used at the beginning and end of the data set name if present. If one quote is entered, the matching quote must also be entered, as in the following examples:

```
'CREATOR.QUALIFIER.QUALIFIER'  
'CREATOR.QUALIFIER.QUALIFIER(MEMBER)'
```

Action:

Enter a fully qualified data set name with balanced quotes, or enter an unqualified data set name without any quotes.

QRFM041E**INVALID DATASET NAME: INVALID CHARACTER USED.****Reason:**

You have used an invalid character in the data set name. Qualifiers, as well as member names, must be composed of the following types of characters:

- Alphabetic
- Numeric
- National (In the U.S., these are @, #, and \$.)

Further, the first character of a qualifier or member name cannot be numeric and spaces cannot be embedded in the name.

Action:

Enter a data set name that uses valid characters.

QRFM042E

INVALID DATASET NAME: INVALID LENGTH OF NAME, QUALIFIER OR MEMBER.

Reason:

You have entered a data set name containing a qualifier or member name whose length is not valid. Names must consist of 1 to 8 characters. Qualifiers are separated by periods. A member name is delimited by parentheses. Further, the true data set name (excluding the member specification) cannot exceed 44 characters.

Action:

Enter a data set name with valid qualifiers (and member name, if applicable).

QRFM043E

INVALID DATASET NAME: A MEMBER NAME CANNOT BE USED IN THIS CONTEXT.

Reason:

You have included a member name in the data set specification. The program does not accept the inclusion of a member name in this context. The member name is indicated by the use of parentheses.

Action:

Enter a data set name without specifying a member.

QRFM044S

FILE ACCESS FAILED: RETURN=return_code; REASON=reason_code; FUNC=abend_code.

Reason:

The attempted file access has failed for an unexpected or unusual reason. The return code and reason code are the codes returned by the file manager subtask. The function indicates the type of processing being done by the file manager subtask.

Action:

Double-check any parameters that you have supplied to the product regarding this file access request. It may be that a parameter was specified incorrectly. Verify that the parameters are valid for your installation and that they are compatible with each other. If you are attempting to use existing objects, ensure that these do exist and are accessible, as you have presumed. If the specifications appear to be correct, the product may not be installed correctly.

Finally, your installation may have other security software that is interfering with or preventing the desired access. Check this.

QRFM045W**END OF FILE REACHED. RECORD NOT FOUND.****Reason:**

You have read past the end of the current file. There are no more records to retrieve.

Action:

Continue processing the previously retrieved records as desired, but do not attempt to read any more records from the current file.

QRFM046E**FILE ACCESS FAILED: SUBTASK COULD NOT ACQUIRE NECESSARY STORAGE.****Reason:**

You have attempted to access a file, and this access requires the acquisition of additional storage. There was not enough storage available to process the request.

Action:

Retry after other storage has been freed by other users. If there is no other storage that can be freed, contact the system administrator to obtain a larger allocation where to operate the product.

QRFM047E**FILE ACCESS FAILED: LRECL DOES NOT MATCH BLKSIZE FOR BLOCK DATASET.****Reason:**

You have requested access to a blocked data set where the logical record length (LRECL) must match the block size (BLKSIZE). However, the specified LRECL does not match the BLKSIZE. The request cannot be processed.

Action:

Alter the record length or blocking specifications to make the two compatible, then retry your request.

QRFM048E

FILE ACCESS FAILED: INVALID LABELLING METHOD SPECIFIED.

Reason:

You have specified an invalid labeling method for a data set. The data set cannot be accessed with such a specification. Valid LABEL values are NL, SL, BLP, or blank.

Action:

Use a valid label specification and retry your request.

QRFM049E

FILE ACCESS FAILED: INVALID FILE STATUS SPECIFIED.

Reason:

You have specified an invalid file status for a data set. The data set cannot be accessed with such a specification. Valid STATUS values are SHR, OLD, MOD, and NEW.

Action:

Use a valid status and retry your request.

QRFM050E

FILE ACCESS FAILED: INVALID FILE FORMAT SPECIFIED.

Reason:

You have specified an invalid file format for a data set. The data set cannot be accessed with such a specification. Valid FORMAT values are F, FB, V, and VB.

Action:

Use a valid format and retry your request.

QRFM053S

INSTALLATION ERROR: PIEFILM MODULE IS NOT AVAILABLE AS REQUIRED.

Reason:

The program has determined that the PIEFILM load module has not been installed correctly. This prevents any data set access.

Action:

Contact your system administrator to have the product installed correctly.

QRFM054E**FILE ACCESS FAILED: SPECIFIED UNIT IS NOT AVAILABLE.****Reason:**

You have requested access to a data set on a unit that is not currently available. This unit must be available to satisfy the request. For example, you may be attempting to access a tape that has not been mounted and made available to the system.

Action:

Check your unit specification. You may have indicated the wrong unit. If the unit is correct, contact your data center to determine when and how the unit may be made available and retry your request when it is.

QRFM055E**FILE ACCESS FAILED: SPECIFIED VOLUME DOES NOT EXIST.****Reason:**

You have requested access to a data set on a volume that does not exist. This volume must exist to satisfy the request.

Action:

Correct your volume specification to indicate a volume that is defined to your system.

QRFM056E**FILE ACCESS FAILED: SPECIFIED UNIT DOES NOT EXIST.****Reason:**

You have requested access to a data set on a unit that does not exist. This unit must exist to satisfy the request.

Action:

Correct your unit specification to indicate a unit that is defined to your system.

QRFM057E

FILE ACCESS FAILED: REMOTE DESTINATION IS NOT DEFINED TO JES.

Reason:

You have requested access to a remote destination that is not defined to your job entry system (JES). It must be defined to process your request.

Action:

Correct your destination specification to indicate a destination that is defined to your job entry system.

QRFM058E

FILE ACCESS FAILED: ACF2 VIOLATION OCCURRED WHILE ACCESSING DATASET.

Reason:

You have requested access to a data set that is protected by CA ACF2. This is a security system that has been installed in your system to prevent access to certain data sets. The request cannot be processed.

Action:

If you should have access to the indicated data set, have the CA ACF2 security in your system changed to allow such access. If you have indicated the desired data set incorrectly, change your specifications and retry.

QRFM059E

FILE ACCESS FAILED: INVALID DATASET NAME SPECIFIED.

Reason:

The name of the data set that you have specified is not valid. A valid data set name is composed of qualifiers that are each 1 to 8 characters in length. The total length of the data set name cannot exceed 44 characters. Each qualifier must begin with an alphabetic or national character. The other characters may be alphabetic, national, or numeric.

Action:

Correct the name of the data set and retry.

QRFM060E**FILE ACCESS FAILED: INVALID FILE DISPOSITION SPECIFIED.****Reason:**

You have specified an invalid file disposition for a data set. The data set cannot be accessed with such a specification. Valid DISP values are as follows:

- C or CATALOG
- K or KEEP
- D or DELETE

Action:

Use a valid disposition and retry your request.

QRFM061E**FILE ACCESS FAILED: DATASET CURRENTLY BEING USED BY ANOTHER USER.****Reason:**

The data set that you wish to access is not available right now. It is being accessed by another user, application, or job. Your request cannot be processed until the data set is available.

Action:

Wait for the data set to be freed by the other user and retry.

QRFM062W**OBJECT BEING CHANGED BY A PRF USER AND IS NOT AVAILABLE.****Reason:**

The designated CA Report Facility object (query, form, or procedure) is currently being altered by a CA Report Facility user. The program cannot use this object until the changes have been saved and the object's definition is complete.

Action:

Wait for the CA Report Facility user to complete the changes or use a different object.

QRFM063W

OBJECT IS NOT DEFINED TO PRF.

Reason:

The designated object (query, form, or procedure) is not defined to CA Report Facility. The program can only process existing objects.

Action:

Check your input. It may be that you have used the wrong name to identify the desired object. If this is the correct object name, have a CA Report Facility user create the object before you attempt to use it.

QRFM064E

INVALID OBJECT DEFINITION.

Reason:

The object (query, form, or procedure) definition is not valid. It may be that the output from the Export Facility has been altered and is no longer valid or that multiple object definitions exist in a single data set. The program expects a single object definition. For queries, the SQL syntax must be included. In other words, the object definition must also be complete and usable. It may be that you have exported an object whose definition has not yet been completed and is not executable.

Action:

Use a valid object definition.

QRFM065E

UNSUPPORTED VERSION OF PRF.

Reason:

You have indicated a version of CA Report Facility that is not supported. This can arise if you are using object definitions that were exported from a version of CA Report Facility that is not supported.

Action:

Use a supported version. This is specified in the region profile.

QRFM066E**UNSUPPORTED FORM TYPE.****Reason:**

You have indicated a type of form that is not supported. This can arise if you are using object definitions that were exported outside of the program. Access to unsupported form types is automatically prevented. Column and Tabulation forms are supported.

Action:

Use a supported form type.

QRFM067E**QUERY AND FORM DEFINITIONS ARE NOT COMPATIBLE.****Reason:**

You have supplied query and form definitions that are not compatible. This can arise if you attempt to use a form that is not defined for the indicated query or that is not synchronized with the query (which may occur if changes have been made to the query that have not been incorporated into the form). The program requires the use of query and form definitions that are compatible with each other.

Action:

Use compatible query and form definitions.

QRFM068E**FILE ACCESS FAILED: DATASET DOES NOT EXIST.****Reason:**

You have specified a data set that does not exist. The data set must exist to process your request successfully. Data sets may be specified as qualified or unqualified.

For qualified, a full data set name is specified in quotes (for example, 'userid.QRF.COBOL'). For unqualified, a partial data set name is specified without quotes, to which Compile/PRF will append your user ID (for example, QRF.COBOL).

Use the name of an existing data set.

QRFM069E

FILE ACCESS FAILED: MEMBER DOES NOT EXIST.

Reason:

You have specified a member that does not exist in the designated data set. The member must exist to process your request successfully. The member name is entered as the last qualifier in the data set name and is enclosed in parentheses. For example, to indicate the member, ABC, in the data set, 'userid.QRF.COBOL', enter:

```
'userid.QRF.COBOL(ABC) '
```

Use the name of an existing member.

QRFM070E

INVALID DATASET NAME: DATASET NAME CANNOT EXCEED 42 CHARACTERS.

Reason:

You have entered a data set name that uses more than 42 characters. The program can only process data set names that have 42 or fewer characters in their name.

Action:

Enter a valid data set name that uses 42 or fewer characters.

QRFM071E

MODEL CONTAINS INVALID STATEMENTS AND IS NOT USABLE.

Reason:

The model being processed contains statements that render it unusable. This is usually caused by attempting to use the wrong model or model library or indicates that the model has been altered. For example, a COBOL program model may become unusable if a substitution variable is moved to, or introduced at, the end of a line. When the model is processed, the substitution value may cause the generated line to exceed the maximum allowable size.

Action:

Ensure use of the correct model library and member. Make sure that the model has not been altered in such a way as to make it unusable.

QRFM072E**QUERY USES TOO MANY HOST VARIABLES.****Reason:**

The query uses too many host variables. The program enforces the CA Report Facility limit of 50 replaceable parameters in a query. Therefore, a query can only use 50 distinct host variables. This does not prevent the reference to a single host variable multiple times.

Action:

Alter the query to use no more than 50 different host variables.

QRFM073E**INVALID PROGRAM NAME: CANNOT USE "QRF" AT START OF NAME.****Reason:**

You have entered a program name that uses QRF as the first three characters. This is not allowed, as programs of this name are reserved for use by the actual product.

Action:

Enter a valid program name that does not start with QRF.

QRFM074E**UNSUPPORTED QUERY TYPE.****Reason:**

You have indicated a type of query that is not supported. This can arise if you are using object definitions that were exported outside of the program. When using the program to obtain the object definitions, access to unsupported query types is automatically prevented. DB2 queries are supported. File queries are not supported.

Action:

Use a query type that is supported.

QRFM075E

INVALID TIME FORMAT SPECIFIED.

Reason:

The indicated entry does not indicate a valid time format. A valid entry must be made to process your request. The cursor is positioned to the field that is in error.

Action:

Enter a valid time format. Valid entries are:

- ISO (International). Example: HH.MM.SS.
- USA (United States). Example: HH:MM xM
- JIS (Japanese). Example: HH:MM:SS

QRFM076E

CONFLICTING ADV COMPILER OPTIONS SPECIFIED.

Reason:

You have specified an ADV COBOL compiler option that conflicts with your requested use of the Advance feature. You have turned off the Advance feature and included the ADV compiler option or you have turned on the Advance feature and included the NOADV compiler option. If ADV compiler option is used, it must be kept in sync with the Advance feature. Note that the ADV/NOADV compiler option does not necessarily need to be included in the Compile Options depending on defaults for your installation.

Action:

Use an ADV compiler option that agrees with the requested usage of the Advance feature (which is also specified in the user profile) or remove the ADV compiler option specification to use the default for your installation (which also must agree with the requested use of Advance).

QRFM077I

JOB *job_name*(*job_number*) SUBMITTED.

Reason:

A job has been submitted for batch execution to fulfill your request. The name and number of the job are *job_name* and *job_number*, respectively.

Action:

None.

QRFM078W**JOB CARDS ARE NOT RECORDED FOR YOUR ID.****Reason:**

The program has determined that you have not defined any job cards for your ID. Valid job cards are usually required to complete the process that you are about to initiate. For example, when submitting a batch program for background execution, the job built will require valid job cards when it is submitted to JES. This may be acceptable if you intend to save the job in a data set and then edit it before submission or if valid job cards have been added to the model JCL.

Action:

If you must define job cards, use the global JOBCARDS command.

QRFM079E**UNSUPPORTED OBJECT TYPE.****Reason:**

You have indicated a type of object that is not supported. The program supports QUERY and FORM objects. It does not support PROC objects. When designating the type of object, you may use any truncated abbreviation of that object type (such as QU to indicate a query or F to indicate a form).

Action:

Use an object type that is supported.

QRFM080I**JOB CREATED AND SAVED SUCCESSFULLY.****Reason:**

A job has been created for batch execution of the specified program and has been successfully saved in the designated data set. When submitted to JES, this job will cause the batch program to be executed.

Action:

None.

QRFM081W

REQUEST HAS BEEN CANCELLED.

Reason:

The request that was being processed has been canceled. This has been done in response to your command.

Action:

If you wish to initiate the request again, you may do so.

QRFM082E

FILE ACCESS FAILED: MEMBER MUST BE SPECIFIED FOR A PDS.

Reason:

You have indicated a partitioned data set (PDS) without specifying a member. To access a PDS, the name of the desired member must also be specified. The member name is entered as the last qualifier in the data set name and is enclosed in parentheses. For example, to indicate the member, ABC, in the data set, 'PDCHIP.QRF.COBOLE', enter:

`'PDCHIP.QRF.COBOLE(ABC) '`

Action:

Specify the name of the desired member.

QRFM083E

FILE ACCESS FAILED: DATASET IS NOT A PDS.

Reason:

You have specified a data set that is not a partitioned data set (PDS). You must enter the name of a data set that is partitioned.

Action:

Enter the name of a partitioned data set.

QRFM084I**MODULE REGISTERED SUCCESSFULLY.****Reason:**

Your request to register the current module has been completed successfully. The module can now be executed using the execution facilities for batch or online programs (as appropriate).

Action:

None.

QRFM085E**INVALID OBJECT NAME.****Reason:**

The object name you have specified is not valid. Object names identify an object by using a two-part name in the form of *creator.name* where *creator* is optional and defaults to your user ID if it is not specified. Parts of the name must conform to DB2 naming standards for ordinary identifiers, where *creator* is a short identifier and *name* is a long identifier.

Action:

Enter a valid object name.

QRFM086E**ONLY "I" IS ALLOWED IN THE PRIMARY LINE COMMAND FIELD.****Reason:**

You have entered an invalid value in the primary line command field. Only I can be used in this field, indicating that a new line is to be inserted in the list before the first line displays on the screen. The primary line command field is the line command field that appears before the start of the displayed list. All other lines in the list have a command field where all available action codes can be used.

Action:

Enter I if you want to insert a new line at the top of the list. Enter other selection codes on the line to which the action is to be applied.

QRFM087E

INVALID VARIABLE NAME.

Reason:

The variable name you have specified is not valid. Variable names must:

- Consist of 1 to 8 characters without embedded spaces
- Start with an alphabetic character
- Consist entirely of alphabetic and numeric characters

Action:

Enter a valid variable name.

QRFM088I

PLEASE SPECIFY OVERRIDE VALUES FOR HOST VARIABLES.

Reason:

Override values for host variables are needed.

Action:

Supply override specifications for the host variables that are used by the current program. If any default settings were registered, those settings are displayed and can be changed. You may add overrides by inserting new records in the list. When the list is correct, press Enter to submit the program. Use the END command to cancel the request to submit the program. Update and finalize the list.

This message is informational and does not indicate an error.

QRFM089E**INVALID VARIABLE TYPE.****Reason:**

The variable type you have entered is not valid. Valid types are entered in the form of *cpp* for alphanumeric and integer variables and in the form of *cpp,ss* for other variables, where:

c

Indicates the category of data.

pp

Indicates the precision of the data.

ss

Indicates the scale of the data (does not apply to alpha or integer data).

Action:

Enter a valid variable type such as "A20," "P9,2", or "H3."

QRFM090E**FORM EXCEEDS MAXIMUM DEPTH SUPPORTED BY ONLINE PROGRAMS.****Reason:**

The specified form requires a minimum page depth that exceeds the maximum depth that is supported for online programs. The standard browse facility that is used by online programs generated only supports pages that do not exceed 22 lines in depth. This form needs more than 22 lines and cannot be generated. For example, the page header, column headings, break headers, and page footers require 22 or more lines, leaving no room for data to be displayed by the online program.

Action:

Alter the form or use a different form so that 22 or fewer lines are needed.

QRFM091I**PROGRAM RUN SUCCESSFULLY.****Reason:**

The specified program has been successfully executed.

Action:

None.

QRFM092E

COMPILE/PRF INVOKED WITH INVALID TRANSACTION.

Reason:

The program, or one of its secondary programs, has been invoked with an invalid transaction. You can only invoke the program with the primary driver transaction, QRF, that is supplied with the product. You cannot access the secondary programs by invoking their own transactions. For example, you cannot invoke the QRFM transaction from top-level CICS. This error can also arise after running a generated program that has been altered and no longer uses the proper protocol for returning control.

Action:

See the product documentation for details about the structure of programs generated for execution in CICS. Use the transaction named QRF to invoke the product.

QRFM093E

YOU ARE NOT AUTHORIZED TO USE THAT TRANSACTION.

Reason:

You have attempted to use a transaction for which you are not authorized. Authorization is determined by CICS and maintained by the CICS administrator. This error can occur when attempting to run a generated program that is properly defined to CICS but is restricted to other users.

Action:

Use a transaction for which you are authorized or contact your CICS administrator to obtain the necessary authorization.

QRFM094E**TRANSACTION IS NOT DEFINED TO CICS.****Reason:**

The transaction is not defined to CICS and cannot be invoked. It cannot be used until it has been defined. Transactions are defined in the Program Control Table or the CICS System Definition (starting with CICS Version 3).

This error occurs when attempting to run a generated program that has not been defined to your CICS region. Be sure to define and install the proper definitions before attempting to run the program. See the product manual for details about defining and installing resources for generated programs.

Action:

Correct the name of the transaction if you have entered it incorrectly; or have the transaction definition added to the PCT or CSD in your region.

QRFM095E**INVALID TRANSACTION NAME: CANNOT USE "QRF" AT START OF NAME.****Reason:**

You have entered a transaction name that uses QRF as the first three characters. This is not allowed, as transactions of this name are reserved for use by the actual product.

Action:

Enter a valid transaction name that does not start with QRF.

QRFM096W**VALID CPU PASSWORD HAS NOT BEEN DEFINED TO TRIAL CONTROL SYSTEM.****Reason:**

The CA Trial Control System has determined that a valid password for the current CPU has not been defined in the password module that was created when the product was installed. This may be due to an upgrade that has occurred since the product was installed. You are required to register your CPU with CA to use the product. You will be supplied a valid password that can be incorporated in your password module. You may use the CPUID command to see a list of the registered CPUs.

Action:

Obtain a valid password and record it in the password module.

QRFM097E

VALID PRODUCT PASSWORD HAS NOT BEEN DEFINED TO TRIAL CONTROL SYSTEM.

Reason:

The CA Trial Control System has determined that a valid password has not been recorded. You cannot use the product. You must register your copy of the product with CA to obtain a valid password. This password must then be recorded in the password module that is generated during the product installation process. You may use the PASSWORD command to see the list of recorded passwords.

Action:

Obtain a valid password and include it in the password module.

QRFM098E

COMPILE/PRF HAS NOT BEEN PURCHASED.

Reason:

The CA Trial Control System has determined that the product has not been purchased. The function you have requested can only be processed after the product has been purchased. You must purchase your copy of the product with CA. This password must then be recorded in the password module that is generated during the product installation process. You may use the PASSWORD command to see the list of recorded passwords.

Action:

Obtain a valid password and include it in the password module.

QRFM099E**INVALID LINE COMMAND: OPTION IS NOT SUPPORTED BY COMPILE/PRF.****Reason:**

The line command that you have indicated is not defined to the product. The request cannot be processed. Sample line commands that can be used in some options fields include the following:

- D (delete current line)
- I (insert new line after current line)
- R (repeat current line)
- S (select the record on the current line)

Action:

Correct the name of the command and retry. To obtain a list of the supported commands, use the HELP command while the cursor is positioned in the option field.

QRFM100E**LIST IS FULL AND CANNOT BE EXPANDED.****Reason:**

The maximum number of entries are already defined in the current list. New entries cannot be created in the list until the size of the list is reduced.

Action:

Do not attempt to insert new entries. If a new entry is required, you must also remove an existing entry with a D (Delete) line command.

QRFM101I**LIST EXPANDED SUCCESSFULLY.****Reason:**

The current list has been expanded successfully. The new entries have been created as requested.

Action:

Normally, you should update the new entries to their desired values.

QRFM102I

PLEASE CONVERT REPLACEABLE PARMS TO HOST VARIABLES.

Reason:

Replaceable parms must be converted to host variables.

Action:

Review the SQL and replace any occurrences of CA Report Facility replaceable parameters with host variables. Replaceable parameters are identified by the ampersand character (&) and are not valid in static SQL. They must be replaced with literals, constants, column names, or host variables as desired. To retain the flexibility of the replaceable parameters, use host variables. These may use the same name. Therefore, you need only change the ampersands to colons (:), which indicate a host variable in static SQL. Convert dynamic SQL to static SQL by converting parms with host variables.

This message is informational and does not indicate an error. No action is required.

QRFM103E

HOST VARIABLE VALUE EXCEEDS MAXIMUM LENGTH.

Reason:

The length of the value specified for a host variable exceeds the maximum allowable length. When generating programs, the value must fit in the generated source code lines and is limited to 51 characters. This is sufficient for all numeric and most alphanumeric fields. Remember that the value, as recorded in the source code, will be longer than the specified value if the specified value contains quotation marks that match those used by the compiler. The program automatically duplicates such quotation marks to assure proper compilation of the source code.

Action:

Reduce the length of the specified value of the host variable.

QRFM104I**PLEASE DEFINE HOST VARIABLES.****Reason:**

Supply definitions of any host variables that are used in the program that is being registered.

Note: This message is informational and does not indicate an error.

Action:

Specify each variable's type and the default value that is to be used when the program is executed. You may add records to the list with the insert line command. When the list is correct, press Enter to submit the program. Use the END command to cancel the request to submit the program. Update and finalize the list.

QRFM105W**NO ITEMS FOUND THAT MATCH SEARCH CRITERIA.****Reason:**

No items match the specified search criteria. The list is empty. This condition usually occurs because you have specified search criteria that do not identify the desired item(s). It can also occur if the desired item no longer exists.

Action:

Change the search criteria to be more general (by using wildcards).

QRFM106I**PLEASE SELECT DESIRED ITEM.****Reason:**

You have been presented a list of items. You are expected to select the desired item using the S line command. If the desired item is not listed, you may cancel the selection process by using the END command. If the list is dynamic, you may change its contents by entering new search criteria.

Action:

Use the S line command to select the desired item and press Enter.

QRFM107E

EITHER CHANGE THE LIST CRITERIA OR CHANGE AN OBJECT: CANNOT DO BOTH.

Reason:

The object criteria was changed and an object was selected from the list. Only one operation can be done at a time.

Action:

If the object selected should be processed, unselect it, reenter original search criteria, then select the object. If the criteria should be changed, unselect the object, then change the criteria to generate a new list.

QRFM108E

INVALID QUERY: DECIMAL DATA EXCEEDS MAXIMUM COBOL PRECISION.

Reason:

The query cannot be used because it uses decimal data with a precision that exceeds the maximum supported by COBOL. The maximum decimal precision supported by VS COBOL II is 18. This typically occurs when the query selects a decimal data column with a precision of more than 18. DB2 supports a maximum decimal precision of 31. This can also occur when the query selects an expression or function that generates a decimal result, regardless of the precision of each argument.

Action:

See the IBM *DB2 SQL Reference* manual for details regarding the DEC15 and DEC31 options. Convert the query to use DEC15 decimal data.

QRFM109E

UNSUPPORTED VERSION OF DB2.

Reason:

You are using an unsupported version of DB2. The program determines the version of DB2 by loading and interrogating the DSNHDECP data-only load module that was created during the installation of your DB2 subsystem. The version that was recorded in this module indicates an unsupported version of DB2.

Action:

Use a supported version of DB2.

QRFM110E**ATTACHMENT FACILITY IS NOT SUPPORTED IN THE INDICATED ENVIRONMENT.****Reason:**

You have indicated an attachment facility that is not valid for the indicated environment. CICS programs must use the CICS Attachment Facility. Batch and TSO programs must use the Call or TSO Attachment Facility.

Action:

Indicate an attachment facility that is supported for the indicated environment.

QRFM111E**TSO ATTACH PROGRAMS CANNOT BE EXECUTED FROM WITHIN COMPILE/PRF.****Reason:**

You have requested the execution of a program that uses the TSO Attachment Facility for DB2 services. The program uses the Call Attachment Facility. Therefore, the DSN Command Processor is not active and the requested program cannot be executed.

Action:

Select a program that uses the Call Attachment Facility. To run a TSO Attach program, you must execute it outside of the program.

QRFM112I**PARAMETERS HAVE BEEN SET TO REGISTERED VALUES.****Reason:**

The execution parameters that are displayed on the current screen have been set with the registered values for the specified program. You may now use these values or change them before proceeding.

Action:

Change any parameters as desired and press Enter to process the request.

QRFM113W

MODULE IS NOT REGISTERED.

Reason:

The designated module is not registered. A module must be registered before its registration record can be used.

Action:

Check your input. It may be that you have used the wrong name to identify the desired module.

QRFM114E

INVALID PROGRAM.

Reason:

You have requested the execution of a program that cannot be used. The program has attempted to invoke the program, but cannot do so. This is usually due to the use of the incorrect program name. Check the name and ensure that the program has been fully prepared for execution. It may be that you have generated source code for the program but have not compiled and linked the program into an executable load module. Finally, it may be the case that the load module has been prepared correctly but is not is a library that has been allocated.

Action:

Specify a program that is executable and available. If you are unsure of the program name and it is registered, you may use the registered module field to access the registration list and obtain the name of the desired program.

QRFM115E

FILE ACCESS FAILED: INSUFFICIENT SPACE IN DATASET.

Reason:

The data set where you are attempting to store data does not have enough space to accommodate all the output. If the data set uses secondary extents, the maximum number of extents have probably already been used. Otherwise, the data set probably lacks enough primary space to accommodate the output. You might have to compress the data set or allocate it more space. Your request cannot be processed until sufficient space is available for all the generated output.

Action:

Increase the amount of space that is available in the data set and retry.

QRFM116E**FILE ACCESS FAILED: DD IS ALREADY ALLOCATED.****Reason:**

You have requested the allocation of a DD name that is already allocated. The DD must be freed before it can be reallocated.

Action:

Free the specified DD and retry.

QRFM117E**FILE ACCESS FAILED: INSUFFICIENT SPACE FOR NEW DATASET.****Reason:**

You have requested the creation of a new data set, but there is not enough space to create that data set. This is usually due to a volume being full or nearly full.

Action:

Increase the amount of space available on the indicated volume(s) or reduce the amount of space that is to be allocated to the new data set.

QRFM118E**USER IS NOT IDENTIFIED TO CICS****Reason:**

The user that is attempting to access the program has not signed onto CICS. The program requires users to identify themselves to use the correct profile and to assure that the correct authorizations are used.

Action:

Sign onto CICS. This can be done with a standard signon transaction such as CESN.

QRFM119E

USER NOT AUTHORIZED FOR REQUESTED FUNCTION

Reason:

You have attempted to perform a function for which you are not enabled. Check your user profile for the authorities you have been granted.

Action:

Check with your System Administrator if the function attempted should be processed.

QRFM120E

INVALID ENTRY: USE "U" OR "M"

Reason:

You have entered an invalid conditional indicator.

Action:

You must enter a valid indicator that will determine whether the condition will be met. Enter a valid indicator:

- U (uppercase)
- M (mixed case)

QRFM121E

INVALID OPTION FOR VERSION/RELEASE OF PRF.

Reason:

The option specified cannot be processed due to the limitations of the version/release of CA Report Facility specified. To remain consistent with the specified version/release of CA Report Facility, the correct option has been entered.

Action:

A valid option has already been entered for you. You may also want to verify that the specified version/release of CA Report Facility is the correct version/release for the region being executed.

QRFM122E**SPECIFIED PAGE DEPTH DOES NOT CONTAIN ENOUGH LINES FOR USER TEXT****Reason:**

You have attempted to generate a program for a form which does not fit on a single page. Because of any of the freeform areas (headers, footers, break headers, break footers) and their defined depths and inability to split the area between pages, the form cannot be generated into a valid program without looping.

Action:

Increase the page depth on the batch program screen, or change any of the freeform area definitions to fit on the defined page depth.

QRFM123I**CONVERT SUCCESSFUL; PRESS ENTER TO CONTINUE.****Reason:**

The CONVERT command was entered and all the replaceable parameters were changed to host variables.

Action:

Press the ENTER key to continue.

QRFM401W**NO RECORDS SATISFY THE QUERY CONDITIONS****Reason:**

There were no records returned by the query that was executed. There is no data to process.

Action:

Check the conditions used by the query to assure the proper results, if you believe that data records should be returned.

Note: This message is used only by generated programs

QRFM402E

PROGRAM INVOKED WITH INVALID PARAMETER LIST

Reason:

You have attempted to invoke a program without supplying a parameter list in the required form. The program cannot be executed.

Action:

Change the parameter list to the required form.

Note: This message is used only by generated programs

QRFM403E

DSNALI FAILED: FUNC=ffffffff; RTN=99999999; RSN=xxxxxxx

Reason:

The DB2 attachment function indicated in this message has failed. The return code (99999999) and the reason code in hexadecimal form are reported and can be referenced in the *DB2 Messages and Codes* manual.

Action:

Determine the cause of the DB2 failure and correct the cause.

Note: This message is used only by generated programs

QRFM404E

PROGRAM INVOKED WITH INVALID DB2 ATTACHMENT PARAMETERS

Reason:

You have attempted to invoke a program without supplying the required DB2 attachment parameters. The program cannot be executed.

Action:

Supply the required parameters as documented in the program.

Note: This message is used only by generated programs

QRFM405E

AN SQL ERROR HAS OCCURRED. SQLCODE = -999.

Reason:

An SQL error has occurred. The SQLCODE that was returned from DB2 is also reported. The program cannot continue to execute. The SQLCODE can be translated using the *DB2 Messages and Codes* manual.

Action:

Determine and correct the DB2 problem.

Note: This message is used only by generated programs

QRFM406E

HOST VARIABLE VALUE EXCEEDS MAXIMUM ALLOWABLE SCALE

Reason:

The value cannot be assigned to the host variable because it exceeds the maximum allowable scale of the variable. This applies to decimal data and indicates that the number of digits following the decimal point exceeds the limit that is indicated by the variable type.

Action:

Reduce the number of digits following the decimal point.

Note: This message is used only by generated programs

QRFM407E

UNABLE TO PROCESS SPF FUNCTION: ffffffff

Reason:

The SPF function identified in this message cannot be processed. The program cannot continue to execute.

Action:

Ensure the SPF environment has been established correctly to support the program.

Note: This message is used only by generated programs

QRFM408E

UNABLE TO INVOKE SUPPLEMENTARY PROGRAM: pppppppp. COND=-999999999.

Reason:

The required program *pppppppp* which is distributed as a supplementary program, cannot be invoked. The program cannot continue to execute. The CICS condition code that identifies the problem is also reported.

Action:

Prepare and supply the supplementary program.

QRFM409E

PROGRAM INVOKED WITH INVALID COMMAREA

Reason:

You have attempted to invoke a program without supplying a commarea in the required form. The program cannot be executed.

Action:

Change the commarea to the required form.

QRFM410I

PROGRAM COMPLETED SUCCESSFULLY

Reason:

The program has completed successfully.

Action:

This message is informational only. Continue as desired.

QRFM411E

HOST VARIABLE OVERRIDES ARE NOT SPECIFIED IN VALID FORMAT

Reason:

The host variable overrides supplied to the program are not specified in the valid format. Overrides must be specified in the following form:

[illegible]

nnnnnnnnnn

Indicates the variable name and appears in column 1.

==

Indicates the equality sign and appears in column 9

vvv...

Indicates the override value and appears in column 10.

Action:

Correct the override specifications.

QRFM412E

DYNAMIC STORAGE COULD NOT BE ACQUIRED

Reason:

An attempt has been made to acquire dynamic storage that is required by the program. The request could not be satisfied. The program cannot continue to execute.

Action:

Run the program in a larger region or change the conditions used by the query to reduce the amount of data that needs to be processed.

QRFM413E

DYNAMIC STORAGE COULD NOT BE RELEASED

Reason:

An attempt has been made to release dynamic storage that was acquired by the program. The request could not be satisfied. The program cannot continue to execute.

Action:

Correct the cause of the failure and rerun the program.

QRFM414E

HOST VARIABLE VALUE CONTAINS AN INVALID CHARACTER

Reason:

The value cannot be assigned to the host variable because it contains an invalid character. This usually indicates the use of a non-numeric character (other than a sign or decimal point) for numeric data.

Action:

Change the value to use only valid characters.

QRFM415E

HOST VARIABLE VALUE EXCEEDS MAXIMUM ALLOWABLE PRECISION

Reason:

The value cannot be assigned to the host variable because it exceeds the maximum allowable precision of the variable. For character data, this indicates that there are too many characters. For numeric data, this indicates that there are too many digits.

Action:

Reduce the number of characters used in the value.

QUI27I

ENTER SUBMIT TO EXECUTE THE JOB.

Action:

Enter SUBMIT to execute the job. Wait for the execution of this job to complete before executing the next step.

Chapter 4: RAE to RAW

RAE Messages

Messages with the RAE prefix are generated from CA Database Analyzer and CA Recovery Analyzer.

RAE000E

VALID OPTIONS: (D)ELETE OR (S)ELECT

Reason:

An invalid option has been selected.

Action:

Choose D for Delete or S for Select.

RAE001E

DELETION REQUEST - CANCELLED - USER NOT EQUAL TO SUBMITTER.

Reason:

Your delete request has been cancelled because the user ID is not the same as the submitter ID.

RAE002E

DB2 DATASET NOT FOUND.

Reason:

Errors have been encountered while processing DB2 data set information for your selected object. Object information was found for the selected object within the catalog, but it is incomplete or contradictory. The DB2 object information may appear to be in error if DB2 has not totally written its buffers to disk since the object was created or updated. Remember, the program accesses the actual VSAM data set directly instead of using DB2.

RAE003E

UNABLE TO ACCESS DB2 CATALOG

Reason:

Indicates that the DB2 Catalog has not been found. You received this error because the OPEN failed on the VSAM data set which contains the index on SYSIBM.SYSTABLESPACE. The VSAM catalog high level qualifier per DB2 subsystem is specified in CATALIAS of the SETUP parmlib member. Check that the VSAM catalog level qualifier is correct for the DB2 subsystem you are using. This error can also occur if a READ fails for this same VSAM data set.

RAE004E

YOU ALREADY HAVE AN ACTIVE DB2 SESSION.

Reason:

You have attempted to jump to a product that you are already using.

Action:

You must exit the product you are currently in to get back to the product you want.

RAE005E

YOU ALREADY HAVE AN ACTIVE RC/UPDATE SESSION.

Reason:

You have attempted to jump to CA RC/Update when you are already using the product.

Action:

You must exit the product you are currently in to get back to CA RC/Update.

RAE006E

YOU ALREADY HAVE AN ACTIVE RC/QUERY SESSION.

Reason:

You have attempted to jump to CA RC/Query when you are already using the product.

Action:

You must exit the product you are currently in to get back to CA RC/Query.

RAE007E

YOU ALREADY HAVE AN ACTIVE RC/MIGRATOR SESSION.

Reason:

You have attempted to jump to the product when you are already using the product.

Action:

You must exit the product you are currently in to get back to CA RC/Migrator.

RAE008E

YOU ALREADY HAVE AN ACTIVE RC/SECURE SESSION.

Reason:

You have attempted to jump to CA RC/Secure when you are already using the product.

Action:

You must exit the product you are currently in to get back to CA RC/Secure.

RAE009E

THE SPECIFIED OPERANDS ARE INVALID FOR THE COMMAND YOU HAVE ENTERED.

Action:

Enter a ? on the command line to receive a listing of valid commands. From this command list, enter a ? next to the desired command to receive help. Or, enter an S to execute the command.

RAE00001

RECOVERY ANALYZER IS NOT LICENSED FOR THIS CPU. CONTACT CUSTOMER SUPPORT FOR ASSISTANCE.

Reason:

You need a license to run this product.

RAE00003

GENERATION INCOMPLETE DUE TO EDIT ERRORS.

Reason:

An error was detected during batch analysis. CA Recovery Analyzer will not build the JCL because the PRA parmlib field OVERRIDE_ERRORS is set to N.

Action:

None.

RAE00004

INVALID OVERRIDE INDICATOR IN THE PRA PARMLIB.

Reason:

If an error is detected during batch analysis, CA Recovery Analyzer checks the override indicator. It was determined to be invalid. Processing is aborted.

Action:

Verify the setting of the override indicator in the PRA parmlib.

RAE00005

LENGTH OF RECORD MISMATCH ERROR WHILE PROCESSING ZPARMS.

Reason:

A DB2 level consistency check failed while reading the BSDS. The BSDS is invalid.

RAE00006

GET FAILURE DURING A BSDS READ IN ZPARM PROCESSING.

Reason:

MVS detected a read error while CA Recovery Analyzer was examining the BSDS.

RAE00007**BSDS FILE OPEN FAILURE DURING ZPARM PROCESSING.****Reason:**

CA Recovery Analyzer could not open the BSDS.

Action:

For assistance, contact CA Support at <http://ca.com/support>.

RAE00008**A GENERATE CONTROL BLOCK REQUEST FAILED PROCESSING ZPARMS.****Reason:**

Internal initialization processing necessary to read the BSDS failed.

RAE00009**THE ALLOCATION OF THE BSDS DURING ZPARM PROCESSING FAILED. Reason:
#1=Reason:1, Reason: #2=Reason:2.****Reason:**

The attempt to allocate the BSDS to the session failed. The MVS dynamic allocation error reasons are displayed.

RAE00010**I/O ERROR WHILE READING THE MASTER CATALOG.****Reason:**

While scanning the MVS master catalog, an I/O error occurred.

RAE00011**I/O ERROR WHILE READING THE USER CATALOG.****Reason:**

While scanning an MVS user catalog, an I/O error occurred.

RAE00012

COULD NOT CONNECT TO THE DESIRED DB2 SUBSYSTEM.

Reason:

The batch process could not make the connection to the desired DB2 subsystem.

RAE00013

ERROR ATTEMPTING TO DISCONNECT FROM THE DB2 SUBSYSTEM.

Reason:

The attempt to break the connection to the desired DB2 subsystem failed.

RAE00014

PROGRAM *pgmname* ABNORMALLY TERMINATING.

Reason:

The indicated program encountered a condition that prevents further processing from continuing.

RAE00015

FILE TAILOR ALREADY IN PROGRESS.

Reason:

An internal sequencing error occurred in Batch Processor/JCL generation.

RAE00016

FILE TAILOR OUTPUT FILE IS NOT ALLOCATED.

Reason:

An internal sequencing error occurred in Batch Processor/JCL generation.

RAE00017**FILE TAILOR OUTPUT FILE IS IN USE.****Reason:**

The data set requested to be loaded with the CA Recovery Analyzer generated JCL is allocated by another job or user in the MVS system.

Action:

Verify availability of the output data set.

RAE00018**FILE TAILOR OPEN SEVERE ERROR.****Reason:**

The data set requested to be loaded with the CA Recovery Analyzer generated JCL could not be opened.

Action:

Verify availability of the output data set.

RAE00019**FILE TAILOR INCLUDE - MEMBER DOES NOT EXIST. SKELETON MEMBER: *member*.****Reason:**

An internal error occurred in CA Recovery Analyzer batch processing.

Action:

For assistance, contact CA Support at <http://ca.com/support>.

RAE00020**FILE TAILOR INCLUDE - MEMBER IN USE. SKELETON MEMBER: *member*.****Reason:**

An internal error occurred in CA Recovery Analyzer batch processing.

Action:

For assistance, contact CA Support at <http://ca.com/support>.

RAE00021

FILE TAILOR INCLUDE - DATA TRUNCATION. SKELETON MEMBER: *member*.

Reason:

An internal error occurred in CA Recovery Analyzer batch processing. A generated JCL line may have exceeded the maximum length of 72 characters and was therefore truncated on the right side.

RAE00022

FILE TAILOR INCLUDE - SEVERE ERROR. SKELETON MEMBER: *member*.

Reason:

An internal error occurred in CA Recovery Analyzer batch processing.

Action:

For assistance, contact CA Support at <http://ca.com/support>.

RAE00023

FILE TAILOR CLOSE - FILE IS NOT OPEN.

Reason:

An internal error occurred in CA Recovery Analyzer batch processing.

Action:

For assistance, contact CA Support at <http://ca.com/support>.

RAE00024

FILE TAILOR CLOSE - FILE IS IN USE.

Reason:

An internal error occurred in CA Recovery Analyzer batch processing.

Action:

Verify availability of the output data set.

For assistance, contact CA Support at <http://ca.com/support>.

RAE00025**FILE TAILOR CLOSE - FILE IS NOT ALLOCATED.****Reason:**

An internal error occurred in CA Recovery Analyzer batch processing.

RAE00026**FILE TAILOR CLOSE - SEVERE ERROR.****Reason:**

An internal error occurred in CA Recovery Analyzer batch processing.

RAE00027**DB2 SUBSYSTEM PARAMETER REQUIRED - PROGRAM ABORTING.****Reason:**

The desired DB2 subsystem parameter on the JCL execution card was not specified. Execution was aborted.

Action:

Enter the desired DB2 subsystem in the execution card or rebuild the JCL.

RAE00028**LINE LIMIT OF 10 EXCEEDED ON COMMAND.****Reason:**

The number of lines in the current command being processed by the batch command processor exceeded the limit of 10.

RAE00029**INVALID SQLCODE EXECUTING DYNAMIC COMMAND. SQLCODE=*abendsc*.****Reason:**

The batch command processor received an invalid return code from the current DB2 subsystem.

RAE00030

DB2 CONNECT FAILED TO SUBSYSTEM: *ssid*.

Reason:

The batch process could not connect to the desired DB2 subsystem.

RAE00031

DB2 OPEN FAILED TO SUBSYSTEM *ssid* PLAN *planname*.

Reason:

The CA Recovery Analyzer plan used by batch processing could not be opened to the desired DB2 subsystem.

Action:

Verify plan availability.

RAE00032

RETURN CODE *retcode1* - Reason: CODE *retcode2* message.

Reason:

This message displays additional diagnostic information available for certain error conditions.

RAE00033

PROGRAM PRA#ARCH ABNORMALLY TERMINATING.

Reason:

An abnormal condition occurred in the batch disaster recovery archive log processing program.

RAE00034

MAX NBR OF LOGS COPY IS NOT NUMERIC - CORRECT AND RESUBMIT.

Reason:

The CA Recovery Analyzer profile variable that contains the maximum number of archive logs to back up was not valid.

Action:

Verify the contents of the CA Recovery Analyzer profile.

RAE00035

MATCHING LOGDSN NODE NOT FOUND FOR DATASET *datasetname*.

Reason:

CA Recovery Analyzer tried to copy a secondary archive log DSN that does not exist.

Action:

Verify the existence of the secondary archive log DSN.

RAE00038

PRA#ARCH - GETMAIN FAILURE ON SSID NODE.

Reason:

An internal error occurred in the CA Recovery Analyzer disaster recovery archive log process.

RAE00039

PRA#ARCH - GETMAIN FAILURE ON ARCHIVE LOG NODE.

Reason:

An internal error occurred in the CA Recovery Analyzer disaster recovery archive log process.

RAE00040

PROGRAM PRA#CHKP IS ABNORMALLY TERMINATING.

Reason:

An abnormal condition occurred in the batch disaster recovery checkpoint processing program.

RAE00041

PRA#CHKP - COULD NOT OPEN CHECKPOINT FILE FOR INPUT.

Reason:

The CA Recovery Analyzer checkpoint program could not open the checkpoint file.

Action:

Verify the availability of the PRA parmlib checkpoint restart file.

RAE00042

PRA#CHKP - OPEN FAILURE ON OPENING THE BSDS FILE.

Reason:

The CA Recovery Analyzer checkpoint program could not open the BSDS file.

Action:

Verify the availability of the BSDS.

RAE00043

PRA#CHKP - COULD NOT OPEN CHECKPOINT FILE FOR OUTPUT.

Reason:

The CA Recovery Analyzer checkpoint program could not open the checkpoint file to update the contents.

Action:

Verify the availability of the PRA parmlib checkpoint restart file.

RAE00044

*** * * * SYNAD EXIT INFORMATION * * * ***

synmess1

synmess2

INPUT BUFFER ADDRESS IS *synbufad*

LENGTH OF READ WAS *synlngh*

Reason:

This message displays additional information under certain abnormal circumstances.

RAE00045

PRA#CMDS - BAD RETURN CODE FROM DB2 ON EXECUTED COMMAND - ABORTING.

Reason:

A STOP or START command issued to DB2 from the CA Recovery Analyzer batch command processor was not successful.

Action:

Verify that the DB2 subsystem is available.

RAE00046

PRA#CMDS - STOP DATABASE/TABLESPACE WAIT TIME HAS EXCEEDED THE PRA PARMLIB LIMIT - TRY AGAIN LATER.

Reason:

A STOP command was issued against a tablespace multiple times, but the space never came out of stop pending status.

Action:

Verify availability of the tablespace, increase the Wait Time In Seconds After Stop and Number of Times to Retry the Stop fields in the PRA parmlib.

RAE00047

PRA#CMDS - SYSPRINT DD STATEMENT MISSING - SYNAD EXIT ABORTED.

Reason:

CA Recovery Analyzer attempted to write additional diagnostic information, but the SYSPRINT DD output card was missing.

Action:

Verify that the SYSPRINT DD statement is present.

RAE00048

PRA#DATA - I/O ERROR OR NO DATA IN DD PRA#DATA.

Reason:

Batch analysis detected an empty input stream for the PRA#DATA parameters.

Action:

Verify the presence of the PRA#DATA instream parameters.

RAE00049

PROGRAM PRA#DCAT ABNORMALLY TERMINATING.

Reason:

An abnormal condition occurred in the batch disaster recovery DB2 catalog recreation processing program.

RAE00050

PRA#DCAT - GETMAIN FAILURE ON SSID NODE.

Reason:

An internal error occurred in the disaster recovery DB2 catalog recreation processing program.

RAE00051

PRA#DSNJ - GETMAIN FAILURE ON DATASET NODE.

Reason:

An internal error occurred in the batch disaster recovery “other data set” processing program.

RAE00052

PROGRAM PRA#DSNJ ABNORMALLY TERMINATING.

Reason:

An abnormal condition occurred in the batch disaster recovery “other data set” processing program.

RAE00053

INVALID PARM - SHOULD BE A DB2 SUBSYSTEM, A COMMA, THE NUMBER OF LOAD FILES TO WRITE TO, AND WHETHER OR NOT TO USE SQL ACCESS FOR RETRIEVING THE DB2 CATALOG INFORMATION. ABORTING.

Reason:

The parm passed to the step was invalid. The generated JCL should contain the following after the EP= program name: a one- to four-character DB2 subsystem name, a comma, a one- to two-digit number of tasks to use, another comma, and a Y or N to specify whether to use SQL access to retrieve DB2 catalog information.

Action:

Verify the presence of the parameter.

RAE00054

**INVALID PARM - THE MAXIMUM NUMBER OF TASKS PARAMETER IS MISSING.
ABORTING.**

Reason:

The parameter that specifies the number of catalog tasks to use is missing from the execution card.

Action:

Verify the presence of the parameter.

RAE00055

**INVALID PARM - INVALID CHARACTER IN THE NUMBER OF TASKS TO ATTACH.
ABORTING.**

Reason:

The parameter that specifies the number of catalog tasks to use contains a non-numeric character and cannot be interpreted.

Action:

Verify the validity of the parameter.

RAE00056

**INVALID PARM - NUMBER OF TASKS TO ATTACH PARAMETER NOT IN THE RANGE OF
1-25. ABORTING.**

Reason:

The parameter that specifies the number of catalog tasks to use is outside the range of 1 to 25. Too many tasks will result in MVS catalog request errors.

Action:

Verify the validity of the parameter.

RAE00057

INVALID RETURN CODE UNLOADING SYSTEM CATALOG. CHECK PTIMSG DD AND ST01MSG DD FOR ADDITIONAL MESSAGES.

Reason:

An internal error was encountered reading the DB2 catalog.

Action:

Check PTIMSG DD and ST01MSG DD for additional messages.

RAE00058

INVALID COMPARE BETWEEN SYSINDEXES AND SYSTABLEPART.

Reason:

An internal error was encountered within the CA Recovery Analyzer VTOC table load process.

RAE00059

PRA#FULD - GETMAIN FAILURE LOADING READ ONLY SHARE DATABASE.

Reason:

An internal error occurred in the batch DB2 catalog unload processing program.

RAE00060

PRA#FULD - GETMAIN FAILURE LOADING ELIMINATE DATABASE.

Reason:

An internal error occurred in the batch DB2 catalog unload processing program.

RAE00061

INVALID RETURN CODE FROM SORT. ABORTING.

Reason:

The sort program encountered an error.

RAE00062

PRA#ICFA - VALID PARM VALUES FOR THE SMS INDICATOR ARE 'Y' AND 'N.' ABORTING.

Reason:

The MVS ICF catalog scan program detected an invalid parameter value for the SMS scan YES/NO switch.

Action:

Verify the validity of the parameter on the execution card.

RAE00063

PRA#ICFA - PARM FORMAT INVALID. SHOULD BE A 1-4 CHARACTER SUBSYSTEM ID, A COMMA, AND A Y/N SMS INDICATOR. ABORTING.

Reason:

The parm passed to the step was invalid. The generated JCL should contain the following after the EP= program name: a one- to four-character DB2 subsystem name, a comma, and a single character for the SMS check YES/NO flag.

Action:

Verify the presence of the parameter.

RAE00064

PRA#ICFL - NOT ENOUGH STORAGE FOR LOAD $\textit{tasknumber}$ DCB. ABORTING.

Reason:

The MVS ICF catalog scan program could not acquire enough storage to continue processing.

Action:

Reduce the number of tasks used in the unload process.

RAE00065

PRA#ICFL - NOT ENOUGH STORAGE FOR THE EODAD= ROUTINE FOR *LOADtasknumber*. ABORTING.

Reason:

The MVS ICF catalog scan program could not acquire enough storage to continue processing.

Action:

Reduce the number of tasks used in the unload process.

RAE00066

PRA#ICFL - NOT ENOUGH STORAGE FOR *FINDtasknumber* DCB. ABORTING.

Reason:

The MVS ICF catalog scan program could not acquire enough storage to continue processing.

Action:

Reduce the number of tasks used in the unload process.

RAE00067

PRA#ICFL - NOT ENOUGH STORAGE FOR *ERRRtasknumber* DCB. ABORTING.

Reason:

The MVS ICF catalog scan program could not acquire enough storage to continue processing.

Action:

Reduce the number of tasks used in the unload process.

RAE00068

**PRA#ICFL - NOT ENOUGH STORAGE FOR THE GET/PUT ROUTINES IN TASK
#tasknumber. ABORTING.**

Reason:

The MVS ICF catalog scan program could not acquire enough storage to continue processing.

Action:

Reduce the number of tasks used in the unload process.

RAE00069

**PRA#ICFL - NOT ENOUGH STORAGE FOR THE PRA#LOAD RECORD IN TASK
#tasknumber. ABORTING.**

Reason:

The MVS ICF catalog scan program could not acquire enough storage to continue processing.

Action:

Reduce the number of tasks used in the unload process.

RAE00070

**PRA#ICFL - NOT ENOUGH STORAGE FOR THE PRAROUT RECORD IN TASK #tasknumber.
ABORTING.**

Reason:

The MVS ICF catalog scan program could not acquire enough storage to continue processing.

Action:

Reduce the number of tasks used in the unload process.

RAE00071

PRA#ICFL - NOT ENOUGH STORAGE FOR THE LOCATE ERROR RECORD IN TASK #tasknumber. ABORTING.

Reason:

The MVS ICF catalog scan program could not acquire enough storage to continue processing.

Action:

Reduce the number of tasks used in the unload process.

RAE00072

PRA#ICFL - NOT ENOUGH STORAGE FOR THE QSAM SAVE AREA IN TASK #tasknumber. ABORTING.

Reason:

The MVS ICF catalog scan program could not acquire enough storage to continue processing.

Action:

Reduce the number of tasks used in the unload process.

RAE00073

PRA#MAIN - DRIVER PROGRAM IS TO BE RUN IN BATCH MODE ONLY.

Reason:

The CA Recovery Analyzer batch services driver program was somehow executed outside of JCL.

RAE00074

PRA#MAIN - INVALID RETURN CODE FROM RSPINIT.

Reason:

An internal error occurred in the CA Recovery Analyzer batch services driver initialization code.

RAE00075

PRA#MAIN - 'RECOVERY POINT (R)' SPECIFIED, BUT THE 'RECOVER RBA ()' VALUE IS NOT PRESENT.

Reason:

An illogical condition arose where a recovery point was specified as TO RBA, but the RBA to recover to was missing.

Action:

Verify that the RBA parameters are set correctly on the global or individual options on the strategy.

RAE00076

PRA#MAIN - STRATEGY DOES NOT HAVE A VALID JOBCARD. PROGRAM ABORTING UNTIL JOBCARD SUPPLIED.

Reason:

The JCL lines entered on the strategy global options were invalid or missing.

Action:

Verify the validity of the JCL lines on the strategy global options screen.

RAE00077

PRA#QUIE - STRATEGY CREATOR/NAME IS INCOMPLETE. ABORTING.

Reason:

The strategy name and/or creator name specified in the PRA#DATA input stream to the batch services driver was incomplete.

Action:

Verify the presence of both fields.

RAE00078

PRA#QUIE - INTERNAL ERROR RETRIEVING STRATEGY. ABORTING.

Reason:

The program could not find the strategy saved in DB2.

Action:

Regenerate the batch job to analyze the strategy with an existing strategy.

RAE00079

PRA#QUIE - INTERNAL ERROR - NO QUIESCE POINT FOUND FOR SPACE. ABORTING.

Reason:

The strategy calls for a tablespace to be recovered to a selected quiesce point, but that point does not exist.

RAE00080

MAXIMUM SUBSYSTEM PARM LENGTH IS 4 CHARACTERS.

Reason:

The program detected an invalid DB2 subsystem parm.

Action:

Verify the validity of the DB2 subsystem parm on the execution card.

RAE00081

PRA#REFT - INVALID PARM VALUE GIVEN.

Reason:

The program received an invalid parm from the JCL execution card.

Action:

Verify the validity of the DB2 subsystem parm.

RAE00082

PRA#REPT - MAXIMUM SUBSYSTEM PARM LENGTH IS 4 CHARACTERS.

Reason:

The program detected a DB2 subsystem parm that exceeded four characters. The subsystem ID can only be one to four characters.

Action:

Verify the validity of the DB2 subsystem parm.

RAE00083**PRA#REPT - INVALID PARM VALUE GIVEN.****Reason:**

The program received an invalid parameter from the JCL execution card.

Action:

Verify the validity of the DB2 subsystem parameter.

RAE00084**PRA#REPT - INVALID RETURN CODE FROM SORT1. ABORTING.****Reason:**

While organizing the first report for output, an unexpected return code was received from the sort program.

RAE00085**PRA#REPT - Invalid return code X'rc' from SORT2.**

The Locate Failure... Report cannot be created.

See PRA#SRT2 listing for sort messages that describe the error.

Reason:

While organizing data for the Locate Failure Table/Index Spaces Report, CA Recovery Analyzer received an unexpected return code from the sort program. Processing continues, but this report is not created.

Note: PRA#REPT is the job step that the PRA#LOAD batch job uses to produce error reports. For more information about PRA#LOAD, see the *CA Recovery Analyzer User Guide*.

Action:

See the PRA#SRT2 listing for additional messages regarding this sort error. Your PRA#LOAD job specifies the DD name where this listing is written.

RAE00086**PRA#REPT - INVALID RETURN CODE FROM SORT3. ABORTING.****Reason:**

While organizing the third report for output, an unexpected return code was received from the sort program.

RAE00087

INVALID SQLCODE ON SELECT OF PTI.PTRA_VTOC_0200. SQLCODE IS *sqlcode*.

Reason:

The program attempted to read the PRA#LOAD VTOC table for data. The request failed.

Action:

Verify the availability of the DB2 subsystem.

RAE00088

INVALID SQLCODE DELETING PRA#LOAD TIMESTAMP. SQLCODE IS *sqlcode*.

Reason:

The PRA#LOAD job attempted to update the timestamp displayed on the CA Recovery Analyzer primary options panel, but the attempt failed.

Action:

Verify availability of the DB2 subsystem.

RAE00089

INVALID SQLCODE INSERTING PRA#LOAD TIMESTAMP. SQLCODE IS *sqlcode*.

Reason:

The PRA#LOAD job attempted to update the timestamp displayed on the CA Recovery Analyzer primary options panel, but the attempt failed.

Action:

Verify availability of the DB2 subsystem .

RAE00090

PROGRAM PRA#RPRB ABNORMALLY TERMINATING.

Reason:

The program detected an illogical condition and is aborting.

RAE00091

PRA#RPRB - NO RP/RB ICBACKUP TYPES EXIST IN SYSIBM.SYSCOPY.

Reason:

The CA Recovery Analyzer disaster recovery image copy backup program detected no recovery site-type image copies in the SYSCOPY DB2 database.

Action:

Verify that the image copies taken for the desired tablespaces were marked as "recovery site."

RAE00092

PRA#RPRB - GETMAIN FAILURE CHECKING FOR DUPLICATE VOLUME ON STOGRP.

Reason:

The program could not acquire the necessary storage to continue processing.

RAE00093

PRA#UCAT - PROGRAM ABNORMALLY TERMINATING.

Reason:

The program detected an illogical condition and is now aborting.

RAE00094

PRA#UCAT - ERROR ALLOCATING ISPWRK1 WORK FILE DD.

Reason:

The program attempted to allocate a file for use in building the user catalog restore JCL. The attempt failed.

RAE00095

PRA#UCAT - INVALID RETURN CODE FOR MVS CATALOG SCAN.

Reason:

The attempt to locate all the user catalogs on the current MVS complex failed.

Action:

Increase the PRA parmlib value CATALOG_BUFFER_SIZE.

RAE00096

PRA#VOLS - DYNAMIC ALLOCATION OF THE SORT OUTPUT FILE FAILED.

Reason:

The program attempted to allocate a work file to sort the results of the volume scan.
The attempt failed.

RAE00097

PRA#VOLS - DYNAMIC ALLOCATION OF THE SORT INPUT FILE FAILED.

Reason:

The program attempted to allocate a work file to sort the results of the volume scan.
The attempt failed.

RAE00098

PRA#VOLS - THE PRAREPRT DD IS MISSING FROM THE JOB STEP.

Reason:

The DD used to hold the resulting volume scan report was not present in the JCL.

Action:

Verify the presence of the DD in the JCL.

RAE00099

PRA#VOLS - THE PRAREPRT DD COULD NOT BE OPENED.

Reason:

The DD used to hold the resulting volume scan report could not be opened.

Action:

Verify the presence of the DD in the JCL.

RAE00100

PRA#VOLS - INVALID RETURN CODE RETURNED FROM THE ICF SCAN. RETURN CODE FROM SCAN=*r*code.

Reason:

The internal scan used to find all the data sets on the selected volume in all the MVS complex's catalogs failed.

RAE00101

PRA#VOLS - OPEN OF THE SORT OUTPUT FILE FAILED IN THE FILL ROUTINE.

Reason:

The program attempted to open the sort work file, but failed.

RAE00102

PRA#VOLS - INVALID RETURN CODE FROM SORT1. ABORTING.

Reason:

An unexpected return code was received from the sort program in building the data set list.

RAE00103

PRA#VOLS - OPEN OF THE SORT1 FILE FOR INPUT FAILED.

Reason:

The program could not open the sort work file for input to write the report.

RAE00104

PRA#XLAT - FIRST RECORD IN GROUP FROM INPUT FILE IS NOT A HEADER RECORD.

Reason:

The input tablespace or tablespace backup contained an unknown format first record.

Action:

Verify the validity of the input tablespace or tablespace backup.

RAE00105

PRA#XLAT - AN ERROR OCCURRED READING THE OS TYPE INPUT FILE.

Reason:

After determining that the input tablespace was a non-VSAM file, a read attempt failed.

Action:

Verify the validity of the input tablespace backup.

RAE00106

PRA#XLAT - AN ERROR OCCURRED READING THE VSAM TYPE INPUT FILE.

Reason:

After determining that the input tablespace was a VSAM file, a read attempt failed.

Action:

Verify the validity of the input tablespace.

RAE00107

PRA#XLAT - CANNOT DETERMINE PROPER OBJECT ID FROM INPUT FILE.

Reason:

The translate program determined that there were multiple OBIDs within the input file with VARCHAR type fields. The translate program can no longer correlate old OBIDs to the new OBIDs. Automatic translation not possible.

RAE00108

PRA#XLAT - MULTIPLE OBIDS HAVE THE SAME LENGTH. CANNOT CORRELATE.

Reason:

The translate program determined that at least two OBIDs within the input file had identical length rows. The translate program can no longer correlate old OBIDs to the new OBIDs. Automatic translation not possible.

RAE00109

PRA#XLAT - SELECTED DATABASE/TABLESPACE NO LONGER EXISTS IN DB2.

Reason:

The translate program checked the DB2 catalog for the specified tablespace to determine the new DBIDs and PGIDs, but the space was not found.

Action:

Verify that the space exists in the DB2 subsystem.

RAE00110**PRA#XLAT - SELECTED TABLE NO LONGER EXISTS IN DB2.****Reason:**

The translate program checked the DB2 catalog for the specified table to obtain the new OBID, but the table was not found.

Action:

Verify that the table exists in the DB2 subsystem.

RAE00111**PRA#XLAT - THE NUMBER OF OBIDS IN THE INPUT FILE DOES NOT MATCH THE NUMBER OF OBIDS FOR THE TABLE IN THE DB2 CATALOG.****Reason:**

The translate program found a different number of OBIDs in the input file than on the DB2 catalog for the tablespace.

Action:

Verify that the input file is consistent with the specified database or tablespace.

RAE00112**PRA#XLAT - COULD NOT FIND A MATCHING RECORD LENGTH OBID IN THE DB2 CATALOG.****Reason:**

While scanning the DB2 catalog looking for the new OBID for a table, a matching row length OBID could not be found.

Action:

Verify that the input file is consistent with the specified database or tablespace.

RAE00113**PRA#XLAT - AN OBID FROM THE DB2 CATALOG COULD NOT BE MATCHED.****Reason:**

An extra OBID was detected for the new definition of the tablespace in the DB2 catalog.

Action:

Verify that the input file is consistent with the specified database or tablespace.

RAE00114

PRA#XLAT - AN OBID EXISTED IN THE INPUT FILE THAT WAS NOT FOUND WITHIN SYSIBM.SYSTABLES.

Reason:

An extra OBID was detected from the input file that could not be matched to a table in the DB2 catalog.

Action:

Verify that the input file is consistent with the specified database or tablespace.

RAE00115

PRA#XLAT - INVALID RETURN CODE FROM THE DSN1COPY PROGRAM. CHECK DSN1COPY MESSAGES FOR EXPLANATION.

Reason:

After building the control cards necessary to do the image copy translation, the DSN1COPY program was called and returned an unexpected return code.

Action:

Verify that the control cards and parameter string were built properly by examining the output.

RAE00116

PRA#CHKP - DYNAMIC ALLOCATION OF THE CHECKPOINT RESTART FILE ABENDED IN MVS. POSSIBLE SECURITY VIOLATION.

Reason:

The allocation of the PRA parmlib checkpoint restart file caused an MVS abend.

Action:

Verify the availability of the PRA parmlib checkpoint restart file.

RAE00117

PRA#CHKP - DYNAMIC ALLOCATION OF THE CHECKPOINT RESTART FILE FAILED.

Reason:

The allocation of the PRA parmlib checkpoint restart file was not successful.

Action:

Verify the availability of the PRA parmlib checkpoint restart file.

RAE00118

PRA#CHKP - OPENING OF THE CHECKPOINT RESTART FILE FOR INPUT ABENDED IN MVS. POSSIBLE SECURITY VIOLATION.

Reason:

When the program attempted to access the PRA parmlib checkpoint restart file, an MVS abend occurred.

Action:

Verify the availability of the PRA parmlib checkpoint restart file.

RAE00119

PRA#CHKP - OPENING OF THE CHECKPOINT RESTART FILE FOR OUTPUT ABENDED IN MVS. POSSIBLE SECURITY VIOLATION.

Reason:

When the program attempted to write to the PRA parmlib checkpoint restart file, an MVS abend occurred.

Action:

Verify the availability of the PRA parmlib checkpoint restart.

RAE00121

PRA#ARCL - NO ARCHIVE LOGS WERE FOUND IN THE BSDS FOR SUBSYSTEM *ssid*. ABORTING.

Reason:

Before issuing the DB2 ARCHIVE LOG command, the DB2 BSDS contained no other archive logs. This is an illogical condition.

RAE00122

PRA#ARCL - INVALID RETURN CODE FROM DYNAMIC COMMAND PROCESSOR.

Reason:

The attempt to issue the DB2 ARCHIVE LOG command was not successful.

Action:

Verify the availability of the DB2 subsystem.

RAE00123

PROGRAM PRA#ARCL ABNORMALLY TERMINATING.

Reason:

The program detected an illogical condition and is aborting.

RAE00124

THE BSDS READER CANNOT FIND THE SPECIFIED SUBSYSTEM IN SETUP.

Reason:

The subsystem parameter passed to the batch program was not found in the CA SETUP parmlib member.

RAE00125

PRA#VVDS - GETMAIN FAILURE ON VVDS NODE.

Reason:

A GETMAIN request to MVS could not be satisfied.

RAE00126

PRA#XLAT - COMPRESSION IS INVOLVED WITH THIS SPACE WHICH MAKES AUTOMATIC DETERMINATION OF THE NEW OBIDS IMPOSSIBLE.

Reason:

CA Recovery Analyzer cannot automatically determine the new OBID because DB2 compression has been used on the space.

RAE00128

THE ALLOCATION OF ARCHIVE LOG #1 FAILED. CHECK THE ERROR REPORT FOR DETAILS.

Reason:

The local site archive log #1 cannot be located.

Action:

Check the CA Recovery Analyzer error log (PRAERRPT DD) to determine why the archive log cannot be found.

RAE00129

THE ALLOCATION OF ARCHIVE LOG #2 FAILED. CHECK THE ERROR REPORT FOR DETAILS.

Reason:

The local site archive log #2 cannot be located.

Action:

Check the CA Recovery Analyzer error log (PRAERRPT DD) to determine why the archive log cannot be found.

RAE00130

THE ALLOCATION OF THE INPUT ARCHIVE LOG FAILED. CHECK THE ERROR REPORT FOR DETAILS.

Reason:

The input archive log cannot be opened.

Action:

Check the CA Recovery Analyzer error log (PRAERRPT DD) to determine why the archive log cannot be opened.

RAE00135

WHILE PROCESSING A SEGMENTED TABLESPACE IMAGE COPY, MORE THAN 1 OBID WAS FOUND TO HAVE NO DATA ROWS. CANNOT CORELLATE.

Reason:

Two blank tables were found in the image copy. When this is the case, CA Recovery Analyzer cannot determine which OBID is associated with which blank table in the image copy.

Action:

Manual entry of the OBIDs is required.

RAE00136

PROGRAM PRA#TAPE ABNORMALLY TERMINATING.

Reason:

An abnormal condition occurred which required processing to stop.

Action:

See prior message in the output of the job.

RAE00137

A ERROR OCCURRED ALLOCATING THE ZPARM LIBRARY OR THE ZPARM LIBRARY/MEMBER.

Reason:

The ZPARM library/member in the setup member for this DB2 subsystem could not be allocated for processing.

Action:

Verify the existence of the data set and member name.

RAE00138

AN ERROR OCCURRED RETRIEVING THE ACTIVE LOGS FROM THE ZPARM LIBRARY/MEMBER.

Reason:

No active log entries were found in the current BSDS specified in the SETUP member for the current DB2 subsystem.

RAE00139**PRA#PSYS - INVALID PARM VALUE GIVEN.****Reason:**

The parm given to the program is a one to four character DB2 subsystem ID.

Action:

Correct and resubmit.

RAE00140**PRA#UCAT - THE MASTER CATALOG COULD NOT BE ACCESSED.****Reason:**

When attempting to access the master catalog specified in the PRA parmlib, an error occurred which prevented the action.

RAE00141**PRA#UCAT - INSUFFICIENT STORAGE DURING PROCESSING.****Reason:**

The region size is not sufficient or the PRA parmlib entry for the CATALOG BUFFER SIZE is too small.

Action:

Enter a larger value on the first screen of the PRA parmlib (PTPEPRA1) and retry.

RAE00143**PRA#ICFA - ONE OF THE PRA#LOAD CATALOG SUBTASKS RETURNED A NON-ZERO CODE. ABORTING.****Reason:**

During the PRA#LOAD job, one of the 25 subtasks abended.

RAE00144

PROGRAM PRA#CHEK IS ABNORMALLY TERMINATING.

Reason:

The program that forces a checkpoint abended because the wait time or number of waits allowed was exceeded while waiting for the checkpoint record to be written.

Action:

Determine why the checkpoint record has not been written.

RAE00145

PRL#CHECK - THE NUMBER OF WAITS FOR THE COMPLETION OF THE CHECKPOINT PROCESS HAS BEEN EXCEEDED. PROGRAM ABORTING.

Reason:

The program that forces a checkpoint abended because the wait time or number of waits allowed was exceeded while waiting for the checkpoint record to be written.

Action:

Determine why the checkpoint record has not been written.

RAE00146

PRA#CALC - INVALID PARM VALUE GIVEN.

Reason:

The parameter value does not conform to the format expected by the PRA#CALC program.

Action:

Check the parameter value.

RAE00147

ONE OR MORE DATASETS ALLOCATED IN THE PTILIB DD LACK APF AUTHORIZATION. CHECK WITH YOUR SYSTEMS PROGRAMMER TO DETERMINE THE AUTHORIZATION OF ALL DATASETS IN THE PTILIB DD.

RAE00148

THE USERID IN SYSADM FIELD FOR GIVEN SUBSYSTEM IN THE CA PARMLIB IS NOT AUTHORIZED TO ISSUE A -DISPLAY GROUP COMMAND. PLEASE HAVE YOUR CA ADMINISTRATOR CHECK THE VALIDITY OF THE USER ID SUPPLIED IN THE SYSADM FIELD FOR THE GIVEN SUBSYSTEM.

Reason:

An attempt was made to determine if the given DB2 SSID is a member of a data sharing group. A -DISPLAY GROUP command is entered under the SYSADM user ID in the CA SETUP parmlib member for the given subsystem. The user entered in this field is not authorized for the following command.

Action:

Have your CA administrator check the validity in the SYSADM field for subsystem *ssid* in the CA SETUP parmlib member.

RAE00150

PRA#ACTU - INVALID PARM VALUE GIVEN.

Reason:

The program received an invalid parm.

Action:

Verify the validity of the DB2 subsystem parm.

RAE00152

LOAD failed for DSNZPARM member.

Action:

Perform the following steps:

1. In each of the SETUP members, add the SDSNEXIT ahead of the SDSNLOAD in the LOADLIBS parameter for each subsystem.

```
LOADLIBS (xxxxxx.SDSNEXIT
          xxxxxx.SDSNLOAD)
```

2. Check the suffix referenced in the ENVDEF parmlib member.

RAE00154

PRA#DALC - Error in RDJFCB Archive Log Copy 1

Reason:

A non-zero return code was returned by a RDJFCB macro used to find the volser of the newly created copy of an archive log.

Action:

No action required. This message will be followed by further messages.

RAE00155

PRA#DALC - Error in RDJFCB Archive Log Copy 2

Reason:

A non-zero return code was returned by a RDJFCB macro used to find the volser of the newly created copy of an archive log.

Action:

No action required. This message will be followed by further messages.

RAE00161

ERROR OCCURRED DURING -DISPLAY GROUP COMMAND.

CHECK THE JESMSGLG OF BATCH JOB OR TSO ACCOUNT FOR MORE INFORMATION.

Reason:

An error occurred when CA Recovery Analyzer issued a -DISPLAY GROUP command to DB2. The most common reason for a failure is lack of security.

Action:

Verify that the SYSADM() value in the SETUP parmlib member matches a install SYSADM as defined in the DB2 zParms. Correct and rerun the job. For all other errors, contact Technical Support.

RAE00418

**OVERWRITE_ERRORS parmlib setting of Y will be ignored:
The JCL generated may be unexecutable and therefore
will not be created.**

Reason:

CA Recovery Analyzer detected severe errors while analyzing a strategy. The generated JCL would contain unexecutable syntax for the COPY, RECOVER/REBUILD, or CHECK utilities, therefore analysis stops. CA Recovery Analyzer does not generate any JCL, even if the parmlib is set to OVERWRITE_ERRORS Y or if you select a manual override on the Selected Recovery Point Error panel.

Action:

Correct the syntax problems that are causing the severe errors and rerun the analysis. If you are using batch processing, you can determine the cause of the errors by viewing the PRAERRPT report (included in the job output). If you are processing online, you can view the PRA Selected Recovery Point Error panel, which appears automatically when errors are detected.

RAE00423

**XML space information incomplete in CA Recovery Analyzer tables. Run the
PRA#LOAD job to correct this error.**

Reason:

CA Recovery Analyzer cannot process your request because its internal tables are missing information that is required to support XML objects.

Action:

Run the PRA#LOAD job to update the CA Recovery Analyzer tables with current system information.

Note: For more information about PRA#LOAD, see the *CA Recovery Analyzer User Guide*.

This text is shared with RAE00423.

RAE00428

Strategy <creator>.<name> cannot be generated because of duplicate member name.

Reason:

A unique member name cannot be generated for the specified strategy. You have selected a group of strategies that causes too many naming conflicts.

When you analyze a strategy, the resulting JCL is saved to a data set member. By default, the strategy name is used as the member name. If multiple strategies have the same name, an alternate member name is generated. This name consists of one or more dollar signs (\$) followed by a unique ID number. The number of dollar signs depends on the names of the strategies being analyzed. For example, if you analyze two strategies that are named \$TEST, one is saved to member \$\$<id1> and the other is saved to \$\$<id2>. Notice that another dollar sign is added to the beginning.

Action:

Reduce the number of strategies that are selected for analysis. In particular, reduce the number of strategies that have names beginning with a dollar sign (\$) so that you do not limit the number of unique member names that can be created.

RAE00937

**Unknown Object Type Csect: &DBGCSCT at Offset: &DBGOFST for
Object: &DBGOBJ Object Type: &DBGOBJ Return Code: &DBGRET**

Reason:

CA Recovery Analyzer retrieved an unknown DB2 object type from the system catalog in the listed CSECT at the specified offset. The message identifies the object, object type, and return code.

Action:

This error is for internal use. Contact CA Support and provide the information displayed in this message.

RAE00938

**Storage Obtain failed in Csect: &DBGCSCT at Offset: &DBGOFST
Object: &DBGOBJ Length: &DBGR0 Address: &DBGR1 Return Code: &DBGRET**

Reason:

CA Recovery Analyzer attempted to acquire storage but it failed in the listed CSECT at the specified offset. The message identifies the object for which the storage was requested, its length, and the return code.

Action:

This error is for internal use. Contact CA Support and provide the information displayed in this message.

RAE00939

**Storage Release failed in Csect: &DBGCSCT at Offset: &DBGOFST
Object: &DBGOBJ Length: &DBGR0 Address: &DBGR1 Return Code: &DBGRET**

Reason:

CA Recovery Analyzer attempted to free storage but it failed in the listed CSECT at the specified offset. The message identifies the object, its length, its address, and the return code.

Action:

This error is for internal use. Contact CA Support and provide the information displayed in this message.

RAE00940

**SQL Error incurred in Csect: &DBGCSCT at Offset: &DBGOFST
Object: &DBGOBJ Object Type: &DBGOBJT
SQL Error: &DBGR1 Return Code: &DBGRET**

Reason:

CA Recovery Analyzer encountered an SQL error in the listed CSECT at the specified offset. The message identifies the object CA Recovery Analyzer attempted to retrieve, the object type, the SQL error, and the return code.

Action:

This error is for internal use. Contact CA Support and provide the information displayed in this message.

RAE01004

ZPARM information retrieval failed:

Reason code=X'reason'

Return code=X'return'

Message =message-text

Reason:

CA Recovery Analyzer cannot retrieve the necessary ZPARM information.

Action:

Contact CA Support and provide the reason code, return code, and message text shown in the message.

RAE01005

Checkpoint for RBA/LRSN rba not found.

Reason:

CA Recovery Analyzer cannot find a checkpoint that precedes the specified RETRO RESTART time.

The RETRO RESTART time is specified when you create a point-in-time recovery strategy. The value that you enter defines the conditional restart date, time, and time zone values to use for the recovery. This value is the last point in time at which the DB2 system was in a known state. When you submit the JCL for the recovery, CA Recovery Analyzer looks in the BSDS for the checkpoint immediately preceding the RETRO RESTART time. CA Recovery Analyzer then regresses the system to the start RBA or LRSN of this checkpoint.

Action:

Use a DSNJU004 utility to examine the list of checkpoints and find a conditional restart time that follows a checkpoint record. You can then update the point-in-time strategy with this restart time and resubmit the JCL.

RAE09001

Internal Recovery Analyzer error.

Archive Log Volume Count (ARCHIVE_LOG_NVOL) = 0.

Reason:

An internal error occurred.

Action:

A dump may be produced for this error. Contact your systems group to gather the information from the dump.

RAG Messages

Messages with the RAG prefix are generated from CA Database Analyzer.

RAG000E

SQL ERROR HAS BEEN ENCOUNTERED.

Reason:

See the IBM DB2 *Message and Codes* reference manual for information on the given SQL error.

RAG002I

PROCESS REQUEST CANCELLED.

Reason:

Your CANCEL command successfully terminated the process.

RAG003I

DOWN REQUEST IGNORED - ALREADY AT BOTTOM OF PAGE.

Reason:

You are attempting to scroll past the end of the data. Your cursor down request will be ignored.

RAG004I

UP REQUEST IGNORED - ALREADY AT TOP OF PAGE.

Reason:

You are attempting to scroll up past the top of the data. Your cursor up request will be ignored.

RAG005E

STORAGE ACQUISITION REQUEST FAILED - APPLICATION CANCELLED.

Reason:

Your Storage Acquisition Request cannot be fulfilled due to storage limitations (GETMAIN failure). This function may succeed when the system is less stressed.

RAG006E

APPLICATION FAILED DURING OPEN PROCESSING OF PTILIB.

Reason:

The application cancelled due to an error in the OPEN processing of PTILIB.

Action:

Check that the libraries concatenated under PTILIB are the libraries that contain the CA load modules.

RAG007E

APPLICATION FAILED DURING LOAD PROCESSING.

Reason:

The application cancelled due to a problem encountered while attempting to LOAD a module.

Action:

Check that the libraries concatenated under PTILIB contain all load modules.

RAG008E

QUERY SELECTION OPTION MUST BE (N), (S), OR (Y).

Reason:

An invalid query option has been selected. Choose N for Do Not Execute EQF, S for Select a Query for Execution, or Y for Add a New Query or Edit an Existing Query.

RAG009E

QUERY SUBSYSTEM FAILED DURING error, return, Reason:.

Reason:

Initialization, processing, or termination failed while processing an extended query function in the Query Facility or in the report procedures.

Action:

Check the validity of the EQF member in question by exploding that EQF member while in report procedures.

RAG010I**DEFAULT QUERY PROCESS DURING SQL SELECTION.****Reason:**

This message lets you know that a default EQF has been set up for the current query and it was used to produce the current report.

RAG011W**INVALID F KEY PROCESS KEY.****Reason:**

An invalid F key request has been made. Valid F keys are: END, RETURN, UP, DOWN, or Enter.

RAG012E**THE SYNTAX IS INCORRECT OR THE COMMAND IS NOT KNOWN.****Reason:**

An invalid syntax or command has been entered. Enter a ? in the command line for a listing of valid commands.

RAG013I**DETAILED SELECTION REQUEST PROCESSING ==> PLEASE STANDBY.****Reason:**

The program is processing your selections. Your selections will be displayed immediately after processing.

RAG014I**USER NOT AUTHORIZED TO USE PRODUCT - SEE AUTHORIZATIONS.****Reason:**

Authorization to use the product has not been assigned. Use CA's Authorization Facility to check and to grant authorization.

RAG016E

THIS SSID NOT SPECIFIED IN PTIPARM(SETUP).

Reason:

The SSID selected does not have an entry in the SETUP member of the library allocated to the PTIPARM DD. This DD is usually allocated to the CA parmlib.

RAG017E

ERROR IN MODEL JOB CARD MEMBER - ENTER CANCEL AND CHECK SYMBOLICS.

The model job card member is invalid. Check your model job card, especially check for invalid symbolics. Enter CAN or CANCEL to exit the panel RDA.ESMN.

RAG018I

PLEASE SELECT A PRE UTILITY MODEL.

Reason:

Indicates that the selection list displays to allow the selection of a PRE model. This model will be placed (without symbolic substitution) as the first utility step of the job stream.

RAG019I

PLEASE SELECT A POST UTILITY MODEL.

Reason:

Indicates that the selection list displays to allow the selection of a POST model. This model will be placed (without symbolic substitution) as the last utility step of the job stream.

RAG020I**LINK MACRO FAILED FOR PTLBMOD. CHECK PTILIB FOR THIS MODULE.****Reason:**

The program attempted to use the LINK macro to access load module PTLBMOD, but the LINK failed. You may also receive a terminal message (CSV003, and so on) with the return code and reason code explaining the failure in more detail.

Action:

If you did not, issue a TSO PROFILE command and check that WTPMSG and MSGID are on. If the messages are not enabled, issue a TSO PROFILE WTPMSG MSGID to allow terminal messages. Repeat the sequence of steps leading up to the failure.

With the return code and reason code you can then find the cause of the problem. Most likely causes are PTILIB does not include the load module, or your region is not large enough.

RAG021E**DELETE REQUEST FAILED FOR LOAD MODULE lmod****Reason:**

Indicates that a delete request has failed for a loaded module.

Action:

Notify Technical Support with the name of the load module that appears in the message, as well as any other relevant documentation.

RAG022I**PREVIEW Action: JCL BYPASSED - FILL MEMBER CREATED****Reason:**

Indicates that the program has bypassed the preview action JCL option because the action JCL was created with only a fill member.

RAG023I**PREVIEW Action: JCL BYPASSED - FATAL ERROR ENCOUNTERED****Reason:**

Indicates that the program has bypassed the preview action JCL option because a fatal error was encountered and no JCL was created.

RAG024E

PACKAGE/PLAN SYMBOLIC PROCESSING FAILED. CALL CA.

Reason:

Indicates that the processing to resolve a package or plan symbolic failed. Try to generate the same JCL using an Extract. The PTIMSG may have more details for this error if it happens there.

RAG025E

PACKAGE/PLAN SYMBOLIC PROCESSING FAILED. DEADLOCK OCCURED.

Reason:

Indicates that the processing to resolve a package or plan symbolic incurred a dead lock. Plan symbolic processing accesses SYSPLANDEP. Package symbolic processing accesses SYSPACKDEP and if versioning is requested in the parmlib member then also SYSPACKAGE.

Action:

This is an operational error and can be alleviated by rerunning Utility Manager when these resources are available. Call Technical Support if this does not seem to be the situation. Try to generate the same JCL using an Extract. The PTIMSG may have more details for this error if it happens there.

RAG026E

1 STEP AND X STEPS OPTIONS CANNOT BE MIXED. PRESS HELP FOR DETAILS.

Reason:

There are two types of DU Utility Codes. When using type:

- 1 STEP-One step will be generated for the tablespace or for all partitions flagged as SELECTED during Action: Condition processing. Valid choices for this option are: RR, FL, FU, FI, and FC.
- x STEPS-One step will be generated for the tablespace or for each partition flagged as SELECTED during Action: Condition processing. Valid choices for this option are: QC, CX, RX, LX, UX, FR, MC, MM, and PC.

An Extract Procedure can only have one of these types of DU Utility Codes tied to it, not both.

Mixing DU ONESTEP and XSTEPS Utility Codes is not currently supported.

RAG027E

1 STEP and X STEPS options cannot be mixed. Press HELP for details.

Reason:

Message RAG027E indicates that the SQLID and the Default Procedure Creator were reset to your TSO USERID. It would have been a security violation to allow the user to use an invalid SQLID for the procedure creator. For this error to occur, these conditions must be true:

- A DB2 SET CURRENT SQLID = 'xxxxxxx' must have failed. An SQL error panel would have been displayed.
- The user profile must be set to SQLID for the Proc. Creator ==> value OR the user profile must be set to PARMLIB for the Proc. Creator ==> value and the keyword in the PARMLIB1.(Database Analyzer) member must be DEF_PROC_CREATOR (SQLID).

Action:

Verify the setting of the SQLID. A new SQLID can be set with the global command SET SQLID xxxxxxx.

RAG028E

DU Symbolic variable in a NON-DU Util Code. Press HELP for details.

Reason:

RAG028E appears when a problem was found processing the action procedure symbolics.

DU symbolics variables can be used only in models set for DU action utility code. In others words, normal use of those symbolic variables is dedicated to CA Utilities JCL generation. DU symbolic variables can be used for utility codes you can access using DU panel (RAPUBDU): QC, CX, RR, RX,PC, MM, MC, FU, UX, FR, FL, LX, FI, and FC. Some DU symbolics can be used only for a given CA Utility Product. Any other uses will NOT be supported.

Action:

To correct this problem, update the Model by removing ALL DU symbolic variables in it. By doing this, all action Procedures and related Extract Procedures will be executable again. Since no tables must be updated, it is easiest to edit the Model using ISPF function(3.4). The other solution is to call your local sales representative to purchase related CA Utility Products.

RAG029I

Virtual storage shortage detected. PDA may have been able to recover. Press HELP for details.

Reason:

Message RAG029I indicates that the program detected a shortage of virtual storage below the 16M line. Above the 16M line extended storage will be used when possible. Potentially, a storage abend could still occur after this if not enough above the line storage was available. If possible, logon to TSO using a larger region size to get more below the line storage. If storage abends continue, process less objects in the Utility Extract.

Action:

For virtual storage related information, see Virtual Storage in the on-line glossary by choosing option T from the main menu.

RAG030I

VIRTUAL STORAGE SHORTAGE DETECTED

Reason:

Indicates that the program detected a shortage of virtual storage above the 16M line. The program displays data retrieved up to the point of shortage detection.

Action:

To avoid this situation, use Automatic Statistics Maintenance (option 3;1 from the main menu) or Log Maintenance (option E;W from CA main menu) to purge old rows from log tables PTLOG_MAIN_1500 and PTLOG_RDAMSG.

RAG031I

INVALID JOB CARD DETECTED IN JOB CARD MODEL. UNPREDICTABLE RESULTS MAY OCCUR.

Reason:

Indicates that the program detected that the first statement in the JOB card model is not a valid JOB card. The program requires a valid JOB card to correctly generate executable action JCL, or unpredictable results may occur in the generated action JCL. For example, certain automatic symbolics, like %LABL and %REFR may not be correctly resolved. Edit the JOB card model and provide a valid JOB card. For an example of a valid JOB card see sample model MJJOBCD.

Note: The generated JCL may contain a JCL comment following the first card found from the JOB card model indicating an invalid JOB card was detected. This comment card will have a reason code representing what was found to be incorrect. The possible reason codes and descriptions are as follows:

- Card does not start with // in column 1
- First digit of job name (column 3) is invalid (eg, &JCLC)
- Job name exceeds the maximum length of 8 digits
- ' JOB ' was not found-end of card reached
- First non-blank after job name is not 'JOB '
- Specified JOB card model was returned empty from Model Services.

RAI Messages

Messages with the RAI prefix are generated from CA Recovery Analyzer.

RAI00001

PRA#ARCH - JOB GENERATING CHANGE INVENTORY LOG JOB STREAM.

Reason:

The disaster recovery archive log backup program has successfully backed up all the logs it needs and is now generating the change inventory log job.

Action:

None.

RAI00002

PRA#ARCH - JOB GENERATING CANCEL CONDITIONAL RESTART STREAM.

Reason:

The disaster recovery archive log backup program has successfully generated the inventory log job and is now generating the cancel conditional restart job.

Action:

None.

RAI00003

PRA#ARCL - SHOULD RECOVERY ANALYZER WAIT FOR THE ARCHIVE LOG PROCESS FOR SSID *ssid* TO COMPLETE (Y/N)?

Reason:

The *ssid*@CDC job that backs up the local DB2 catalog and generates other recovery JCL issues an -ARCHIVE LOG command. The *ssid*@CDC job then goes into a wait state until the log has been archived.

Action:

If you respond to this WTO with an N, the *ssid*@CDC job does not go into a wait state. If you respond with a Y, or do not respond at all, the *ssid*@CDC job goes into a wait state until the log has been archived. Responding to this message with an N lets you continue other CA Recovery Analyzer processing without waiting for the log to be archived.

RAI00004

PRA#ARCL - INVALID RESPONSE. SHOULD PRA WAIT FOR THE ARCHIVE LOG PROCESS ON DB2 *ssid* TO COMPLETE (Y/N)?

Reason:

You entered an invalid response to this message.

Action:

Enter Y or N to indicate whether you want CA Recovery Analyzer to wait for the archive log process to complete on the specified subsystem. For more information, see the explanation for message RAI00003.

RAI00005

PRA#ARCL - DETECTED THE COMPLETION OF THE ARCHIVE LOG PROCESS ON DB2 SUBSYSTEM *ssid*.

Reason:

This message informs you that CA Recovery Analyzer has completed archiving the log.

Action:

None.

RAI00006

Renaming is not available because strategy '\$\$\$\$\$\$\$' is included.

Reason:

This message is issued under the following circumstances:

- The strategy name already consists of eight dollar signs. The data set member for its JCL cannot be renamed because adding another dollar sign would exceed the maximum permitted length.
- The strategy name starts with seven dollar signs. The data set member for its JCL cannot be renamed because adding another dollar sign would not leave any space for a unique ID number.

When you analyze a strategy, the resulting JCL is saved to a data set member. By default, the strategy name is used as the member name. If multiple strategies have the same name, an alternate member name is generated. This name consists of one or more dollar signs (\$) followed by a unique ID number. The number of dollar signs depends on the names of the strategies being analyzed. For example, if you analyze two strategies that are named \$TEST, one is saved to member \$\$<id1> and the other is saved to \$\$<id2>. Notice that another dollar sign is added to the beginning.

Action:

If you are analyzing this strategy by itself, no action is required.

If you are analyzing a group of strategies and no member name conflicts occur, then no action is required.

If you are analyzing a group of strategies and a conflict occurs, message RAE00428 is issued. Remove this strategy from the group that you are analyzing and analyze it separately.

RAI00007

Strategy <creator>.<strategy> will be stored in member <member>.

Reason:

When you analyze a strategy, the resulting JCL is saved to a data set member. By default, the strategy name is used as the member name.

This message indicates that the default member name is already in use. The JCL from this analysis is saved in the specified member name instead.

Note: If the strategy generates multiple JCL jobs, each job uses a member name with the job number appended at the end.

Action:

None.

RAP Messages

Messages with the RAP prefix are generated from CA Database Analyzer.

RAP000E

PROCEDURE NAME REQUIRED.

Reason:

A procedure name has not been entered, or an invalid procedure name has been entered.

Action:

Enter a valid procedure name.

RAP001E

COPY PROCEDURE NOT FOUND; ENTER (*) FOR SELECTION LIST.

Reason:

The procedure you specified cannot be located.

Action:

Check the typing for typographical errors. If the spelling is correct, enter an asterisk (*) in the Procedure Name field for a listing of all procedures.

RAP002E**PROCEDURE DESCRIPTION REQUIRED.****Reason:**

The Procedure Description has been omitted.

Action:

Enter a Procedure Description.

RAP003E**AT LEAST ONE EXTRACT OPTION MUST BE SELECTED.****Reason:**

This message appears when you are attempting to create a procedure and no objects have been selected.

Action:

Enter selection criteria to get a list of objects from which a selection may be made.

RAP004E**CREATOR ID REQUIRED.****Reason:**

The Creator ID has been omitted. Include the required Creator ID to continue.

RAP005E**PROCEDURE DB2 SYSTEM ID REQUIRED.****Reason:**

The Procedure DB2 System ID has been omitted.

Action:

Enter this ID in the DB2 SYSID field to continue.

RAP006I**SELECTED PROCEDURE FOUND - CURRENCY SET.****Reason:**

This message informs you that the selected procedure was found.

RAP007I

COPY PROCEDURE FOUND - CURRENCY SET.

Reason:

This message informs you that the copy procedure was found.

RAP008E

COPY PROCEDURE SPECIFIED IS NOT SHAREABLE.

Reason:

You have selected a non-shareable procedure (Share Option set to N). This procedure can be used only by the creator.

RAP009E

SHARE OPTION MUST BE (Y)ES, (N)O, OR (U)PDATE.

Reason:

An invalid Share Option has been entered.

Action:

Select one of the three valid options: Y for Yes, N for No, or U for Update.

RAP010E

UPDATE INVALID - USER NOT OWNER OR PROCEDURE NOT UPDATEABLE.

Reason:

This message appears when a procedure whose Share Option is not updateable (Share Option set to N or Y) is selected by a user who is not the creator of the procedure. The procedure may be updated only by the creator.

RAP011E

OPTIONS: E(XPLODE) OR D(ELETE).

Reason:

An invalid option has been entered. Valid options are E for Explode or D for Delete.

RAP012E**DELETION INVALID - USER NOT OWNER OR PROCEDURE NOT SHAREABLE.**

There has been an attempt to delete a procedure whose Share Option has been set to N. Only the creator can delete the procedure.

RAP013I**EXTRACT ENTRIES PROCESSED SUCCESSFULLY.****Reason:**

This message lets you know that the DB2 objects you selected for extract have been correctly processed.

RAP014W**OPTIONS: S(ELECT) OR E(XPLODE).****Reason:**

An invalid option has been selected.

Action:

To correct this, choose one of these options: S for Select or E for Explode.

RAP015I**proctype PROCEDURE storproc - Action:.****Reason:**

This variable message confirms that an action, execution, extract, or report procedure has been deleted or created.

RAP016E**DATA FIELD REQUIRED.****Reason:**

A required data field has been left blank. Your cursor will jump to the data field that needs a value.

Action:

Enter an appropriate value in the data field to correct this.

RAP017E

OPTIONS: E(XPLODE), U(PDATE), D(ELETE), OR L(IST EXEC).

Reason:

An invalid option has been selected.

Action:

Select one of the following options:

- E-Explode.
- U-Update.
- D-Delete.
- L-List Execution.

RAP018E

OPTIONS: C(REATE).

Reason:

An invalid option has been selected.

Action:

Enter C for Create as a valid option.

RAP019E

OPTIONS: E(XP), U(PD), S(UB), D(ELETE), A(CTION), L(IST), C(OPY)An invalid option has been selected.

Reason:

You can correct this error by selecting one of the following options:

- E-Explode.
- U-Update.
- A-Action:.
- D-Delete.
- S-Submit.
- L-List Execution.
- C-Copy.

RAP020I**EXTRACTING ONLY THRU DATABASES.****Reason:**

This informs you that only a list of databases will display.

RAP021I**EXTRACTING ONLY THRU TABLE SPACES.****Reason:**

This informs you that only a list of table spaces will display.

RAP022I**EXTRAction: ONLY THRU TABLES.****Reason:**

This informs you that only a list of tables will display.

RAP023E**OPTIONS: A(UTO-BUILD) OR S(ELECTION).****Reason:**

An invalid option has been entered.

Action:

For the correct option, choose A for Auto-build or S for Selection.

RAP024E**DB2 OBJECT SELECTED CAN ONLY BE "A" - AUTOBUILD.****Reason:**

The option S for Selection was chosen for a DB2 object that can only use the option A for Autobuild.

Action:

Select A.

RAP025E

LOWER INDEX/TABLESPACE PARTITIONS CAN ONLY BE "S" - SELECTED.

Action:

Option A for Autobuild was selected for Lower Index/Tablespace partitions. Clear this by choosing S for Selected.

RAP026E

LOWER LEVELS OF AN "AUTOBUILD", MUST NOT BE SELECTED.

Reason:

An object already included in an Autobuild has been selected.

Action:

Do not select the lower levels of an Autobuild.

RAP027W

OPTION (E)XPLODE VALID ONLY FOR "ALL" EXTRACTS.

Reason:

The EXPLODE option is available only for objects with a level of ALL. You entered this command for an object whose level is SEL. The object's level displays in the LVL column of the list.

RAP028E

COPY PROCEDURE SPECIFIED RESIDES IN DIFFERENT DB2 SYSTEM.

Reason:

The copy procedure specified refers to a different DB2 subsystem from the one you are currently connected to. You cannot copy a procedure that refers to a different DB2 subsystem because the objects will probably not exist on the current subsystem.

RAP029E

OPTIONS: E(XPLODE), U(PDATE), D(ELETE), S(UBMIT), C(OPY)An invalid option has been selected.

Action:

You can correct this error by selecting one of the following options:

- E-Explode.
- U-Update.
- D-Delete.
- S-Submit.
- C-Copy.

RAP030E

EXECUTION PROCEDURES REQUIRE AT LEAST ONE EXTRACT.

Reason:

You must select at least one extract procedure or one report procedure to successfully create an execution procedure.

Action:

Enter an asterisk (*) in the procedure name field for a listing of procedures. Select from the listing.

RAP031E

RESTORE OPERATION REQUIRES DATASET PARAMETER IN CLIST.

Reason:

The program attempts to restore statistics but the specified model library and model member do not contain the name of the data set which was used in the statistics backup. The default model member is %MSRTRST for Batch and %MCRTRST for Online. DATASET is the parameter within the model member that is not being found.

RAP032E

VALID ENTRIES ARE (Y)ES OR (N)O.

Reason:

This message is in response to an invalid entry.

Action:

Choose one of these valid entries: Y for Yes or N for No.

RAP033E

PRINT CLASS SPECIFICATION REQUIRED.

Action:

Enter a valid print class to continue.

RAP034E

EXECUTION REQUIRES VALID MODEL JCL.

Reason:

An invalid model JCL has been entered.

Action:

Check the model JCL for spelling errors. See the product documentation more information on model JCL.

RAP035E

DATABASE CONTAINS NO TABLESPACES.

Reason:

There are no tablespaces within the specified database. The database will be bypassed.

RAP036E

CODE SPECIFIED WITHOUT PROCESSING - RE-PROCESS OR LOSE CODE.

Reason:

This error appears if a utility code that contains user symbolics has been entered without its accompanying symbolics filled in the Symbolic Replacement panel. If the symbolics are not entered, then the utility code will not remain part of the extract or utility procedure.

RAP037I

EXTRAAction: CURRENTLY CONTAINS NO ENTRIES.

Reason:

Informs you that no objects have been selected.

Action:

Select DB2 objects if you would like to perform extraction procedures.

RAP038E

TOTAL LENGTH OF PARAMETERS AND REPLACEMENTS EXCEEDS LIMIT.

Reason:

This message displays when the number of bytes required to store the information regarding a specific utility or action procedure is greater than 1800 bytes. Information types that cannot exceed 1800 bytes include: Model Library Name, Conditional action Information, Immediate Message Information, Utility Codes, and User Supplied Symbolics associated with each one.

RAP039E

STORED Action: DOESN'T MATCH CURRENT MODEL.

Reason:

This message appears when a model member's number of user-specified symbolics has changed since the last update of the action procedure. Therefore, this message displays when you are updating an action procedure. One of the existing utility codes will be referencing the model member. Every utility code that is affected will be marked as invalid. Also, a parameter of U will be placed next to those utility codes to force an update of the utility code symbolics.

Action:

Press Enter to display the symbolic replacement screen for the affected utility codes. Enter values for the new symbolics.

RAP040E

DATASET FAILED ON dtype - RETCODE => derr.

Reason:

The ISPF library access service call failed.

Action:

Check that all specified libraries are correct.

RAP041E

ZERRLM. The ISPF library access service (LMxxxxx) call failed.

Action:

Check that all specified libraries are correct.

RAP042E

VALID OPTIONS: (A)CTION OR (E)XPLODE.

Reason:

In invalid option has been selected.

Action:

Choose A for action or E for Explode.

RAP043E

DATA FIELD REQUIRES NUMERIC ENTRY.

Reason:

Character data has been entered in a numeric field.

Action:

To correct this, enter a numeric.

RAP044E**DELETION REQUEST DENIED - PROCEDURE CONNECTED TO EXECUTION PROC.****Reason:**

This message appears when you try to delete an extract or report procedure that is contained in an execution procedure.

Action:

You must first delete the extract or report procedure from the execution procedure(s) before you can delete the extract or report procedure. You can also delete the entire execution procedure.

RAP045E**VALID OPTIONS: (Q)UERY, (G)RAPH, (F)ORECAST, OR (T)REND ANALYSIS.****Reason:**

An invalid option has been selected.

Action:

Choose Q for Query, G for Graph, F for Forecast, or T for Trend Analysis.

RAP046E**EXECUTION TYPE SELECTED CONTAINS NO ENTRIES.****Reason:**

The execution procedure contains no extract or reporting procedures.

RAP047E**VALID OPTIONS: SUBMIT TO (D)ATASET, (J)ES, OR (P) PREVIEW.****Reason:**

An invalid option has been selected.

Action:

Correct this by selecting D for Dataset, J for JES, or P for Preview.

RAP048I

JOB SUBMITTED TO OUTPUT DESTINATION.

Reason:

Informs you that the job submitted was successfully sent to a data set or to JES.

RAP049E

VALUE MUST BE EITHER # OR %.

An invalid value has been entered for the type of change requested. Valid values are # for the actual numeric change or % for the percentage change.

RAP050E

VALID CMDS: (SUB)MIT, (EXP)LODE, (CAN)CEL, MAIN, EXIT, OR ?.

Reason:

An invalid command has been entered.

Action:

Select one of these valid commands: SUB, EXP, CAN, MAIN, EXIT, or ?. Enter a ? in the command line for a listing of valid commands.

RAP051E

READ-AHEAD BUFFERS MUST BE A MINIMUM OF FOUR (4).

Reason:

The READ-AHEAD buffers are less than 4.

Action:

Specify a minimum of 4 in the BUFFERS field to correct this.

RAP052E

VALID CMDS: (SUB)MIT, (EXP)LODE, (CAN)CEL, (SA)VE, MAIN, ?.

Reason:

An invalid command has been entered.

Action:

Select one of these valid commands: SUB, EXP, CAN, SA, MAIN, or ? for a command list.

RAP053E

VALID CMDS: (EXP)LODE, CANCEL, MAIN, OR ?.

Reason:

An invalid command has been entered.

Action:

Select one of these valid commands: EXP, CANCEL, MAIN, or ?. Enter a ? to display a list of valid commands.

RAP054E

VALID CMDS: MAIN OR ? FOR COMMAND LIST.

Reason:

An invalid command has been entered.

Action:

Select MAIN to return to the Main Menu or ? to display a listing of valid commands.

RAP055E

VALID CMDS: CANCEL, MAIN, EXIT, END, OR ? FOR COMMAND LIST.

Reason:

An invalid command has been entered.

Action:

Correct this by selecting one of these valid commands: CANCEL, MAIN, EXIT, or END. Enter a ? to display a list of valid commands.

RAP056E

VALID OPTIONS: (U)PDATE, (E)XPLODE, OR (D)ELETE.

Reason:

An invalid option has been selected.

Action:

Choose one of these valid options: U for Update, E for Explode, or D for Delete.

RAP057E

DATASET REQUIRED.

Reason:

An invalid data set name has been entered.

Action:

Correct this by entering a valid data set name in the field where the cursor is positioned.

RAP058E

MODEL JCL/OUTPUT DESTINATION DATASETS MUST BE PARTITIONED.

Reason:

A sequential data set has been specified instead of a partitioned data set. Model JCL and output destination data sets must be partitioned.

RAP059E

MODEL JCL - MEMBER NOT FOUND; ENTER * FOR SELECTION LIST.

Reason:

The model JCL Member was not found in the specified library.

Action:

Enter an asterisk (*) for a listing of the members contained in the selected library.

RAP060E

INVALID UTILITY CODE.

Reason:

An invalid utility code has been entered. Valid utility codes are listed on your screen.

RAP061E

VALID CODES: (U)PDATE, (E)XPLODE, OR (N)O UPDATE.

Reason:

An invalid code has been entered.

Action:

Choose one of these three valid codes as your selection: U for Update, E for Explode, or N for No Update

RAP062E

PARM FIELD ENTRY INVALID FOR NON-SELECTED CODE

RAP063E

TSO USER ID REQUIRED WITH OPTION SPECIFIED YES.

Reason:

This message displays if the TSO User is YES and the TSO ID is not specified.

Action:

Specify the TSO ID or set TSO User to NO.

RAP064E

CONDITIONAL FIELD REQUIRED IF OPTION SELECTED

RAP065E

VALID ENTRIES: (O)NLINE OR (B)ATCH.

Reason:

An invalid option has been entered.

Action:

Select one of these two valid options: O for Online or B for Batch.

RAP066E

VALID CODES: (E)XPLODE.

Reason:

An invalid code has been chosen.

Action:

Enter E for Explode.

RAP067E

DUPLICATE PROCEDURE.

Reason:

You are attempting to save a procedure whose name already exists.

Action:

You must specify a unique procedure name.

RAP068E

ROUTING AND DESCRIPTOR CODES MUST BE BETWEEN 01 AND 12.

Reason:

An invalid WTOR code has been entered.

Action:

Enter a Routing or Descriptor code that is between the numbers 01 and 12.

RAP069E

VALID OPTIONS: (Y)ES, (N)O OR (E)XPLODE.

Reason:

An invalid option has been entered.

Action:

Correct this by selecting one of these three options: Y for Yes, N for No, or E for Explode.

RAP070E

UNPROCESSED EXTRACT ITEMS, EITHER CANCEL REQUEST OR SUBMIT.

Reason:

This message displays if you select objects in Statistics Maintenance or the Utility Manager and then try to exit without first submitting the Statistics Maintenance backup/restore or submitting the utility request. As a solution, CANCEL the request or SUBMIT the request.

RAP071E

MODEL JCL CONTAINS AN INVALID VARIABLE.

Reason:

The model JCL contains an invalid variable.

Action:

See the product documentation for a list of valid symbolic variables. Then, correct the model JCL variable.

RAP072I

MODEL JCL CONTAINS NO SYMBOLIC REPLACEMENTS.

Reason:

Informs you that the Symbolic Variable Replacement screen will not display because there are no symbolic variables in the model JCL.

RAP073E

IMMEDIATE MESSAGE MUST BE "N" SINCE THE Action: IS NON CONDITIONAL.

Reason:

The action must have at least one condition specified to request immediate messages.

Action:

To specify a conditional action, place a Y in the Conditional action field.

RAP074E

OPTIONS: E(XPLODE), U(PDATE), D(ELETE), S(ELECT), L(IST EXTRACTS).

Reason:

An invalid option has been selected.

Action:

Select one of the following valid options:

- E-Explode.
- U-Update.
- D-Delete.
- S-Select.
- L-List Extracts.

RAP075E

OPTIONS: E(XPLODE), S(ELECT), O(BJECT), C(CREATE).

Reason:

An invalid option has been selected.

Action:

Select one of the following valid options:

- E-Explode.
- S-Select.
- O-Object.
- C-Create.

RAP076E

Action: PROCEDURE storproc - NO LONGER AVAILABLE - ROLLBACK ISSUED.

Reason:

The action procedure associated with the current procedure has been deleted or changed. Your changes are rolled back.

Action:

Check the status of the action procedure.

RAP077E

OPTIONS: E(XPLODE), U(PDATE), D(ELETE), L(IST EXTRACTS), C(OPY).

Reason:

An invalid option has been selected.

Action:

You can correct this error by selecting one of the following options:

- E-Explode.
- U-Update.
- D-Delete.
- L-List Extracts.
- C-Copy.

RAP078E

OPTIONS: E(XPLODE), S(ELECT), Y(CREATE).

Reason:

An invalid option has been selected.

Action:

Select one of the following valid options:

- E-Explode.
- S-Select.
- Y-Yes, Create.

RAP079E

VALID OPTIONS: (S)ELECT.

Reason:

An invalid option has been selected. The valid option available is S for Select.

RAP080E

A REFERENCE INTEGRITY ERROR EXISTS BETWEEN OBJECTS AND Action:S.

Reason:

The specified action cannot be executed without violating referential integrity.

Action:

Check referential integrity between objects and actions.

RAP081I

UNPROCESSED MODIFIED PAGES EXIST - EITHER PROCESS PAGES OR CANCEL.

Reason:

Informs you that unprocessed modified pages exist. You must CANCEL the changes or process them by entering the PROCESS command.

Action:

See the product documentation for more information on Data Change Techniques.

RAP082I

VALUE IS OUTSIDE OF VALID RANGE

RAP083E

RNEXT, RBACK, RFIRST, forMAT, OR DNEXT NOT VALID IN NON DATA PAGE.

Reason:

The commands RNEXT, RBACK, RFIRST, forMAT, or DNEXT have been used on non-data pages. Non-data pages include header, space map, and root pages.

RAP084E

FORMAT COMMAND REQUIRES PROPER ROW POSITIONING.

Reason:

You will see this message when you are not positioned at the beginning of a row and the FORMAT command is issued. Use RNEXT, RFIRST, or DNEXT for valid row positioning.

RAP085E

OPTIONS: D(ELETE).

Reason:

An invalid option has been selected.

Action:

Choose D for Delete as the valid option.

RAP086E

OPTIONS: A(CTIONS), D(ELETE), OR E(XPLODE).

Reason:

An invalid option has been selected.

Action:

Select one of the following valid options:

- A-Action.
- D-Delete.
- E-Explode.

RAP087E

CATALOG UPDATE MAY BE EXECUTED ONLY IN VERSION 2 OF DB2.

Reason:

You have attempted to execute CATALOG Update using Version 1.3 or lower of DB2.
CATALOG Update may be executed with Version 2 or higher.

RAP088E

OPTIONS: S(ELECT), E(XPLODE), OR U(PDATE).

Reason:

An invalid option has been selected.

Action:

You can correct this error by selecting one of the following options:

- S-Select.
- E-Explode.
- U-Update.

RAP089E

OPTIONS: E(XPLODE), S(UBMIT), D(ELETE), U(PDATE), L(IST), C(OPY).

Reason:

An invalid option has been selected.

Action:

Select one of the following valid options:

- E-Explode.
- S-Submit.
- D-Delete.
- U-Update.
- L-List.
- C-Copy.

RAP090E

VALID ENTRIES: (P)REVIEW OUTPUT OR (B)ATCH.

Reason:

You will receive this error message for invalid entries.

Action:

Select one of these two valid entries: P for Preview output or B for Batch.

RAP091E**CATALIAS PARAMETER INVALID FOR THIS SSID IN PTIPARM(SETUP).****Reason:**

The CATALIAS parameter is invalid or missing for this SSID. The parameters are specified in the SETUP member of the data sets allocated to the PTIPARM DD. This is usually the CA parmlib.

RAP092E**MJSTATS NOT FOUND IN MODEL LIBRARY OR IT CONTAINS INVALID SYMBOLICS.****Reason:**

This message means MJSTATS was not found in the specified Model Library or MJSTATS contains invalid symbolics. This model contains JCL for executing procedures in batch mode.

Action:

Check if MJSTATS exists in the specified model library and that it contains no invalid symbolics. See the product documentation for more information on model JCL and symbolic variables.

RAP093E**ROW NUMBER ENTERED IS LARGER THAN MAXIMUM ROWS ON PAGE.****Reason:**

The row ID entered is larger than the total number of rows for that page.

Action:

Enter a lower row ID.

RAP094E**AUDIT FACILITY COMPLETED.****Reason:**

Informs you that your AUDIT command successfully audited your page.

RAP095E

DISPLACEMENT ENTERED IS LARGER THAN PAGE SIZE.

Reason:

The value entered in the Displacement field is larger than the page size.

Action:

Lower the Displacement value to correct this.

RAP096E

MODEL LIBRARY NOT FOUND OR FAILED OPEN.

Reason:

The model JCL library and member was not found.

Action:

Confirm the spelling and the access authorities to correct this.

RAP097E

VALID OPTIONS: (S) - TRANSFER TO PAGE DISPLAY.

Reason:

An invalid option has been selected.

Action:

Select the valid option: S for Transfer to PAGE Display.

RAP098I

DETAILED DELETION REQUEST PROCESSING ==> PLEASE STANDBY.

Reason:

Informs you that the deletes you requested are processing.

Action:

Wait until the deletion process is complete.

RAP099E

VALID CMDS: (CAN)CEL, MAIN, EXIT, (PROC)ESS OR ? FOR LIST OF CMDS.

Reason:

An invalid command has been entered.

Action:

Choose one of these five valid commands: CAN, MAIN, EXIT, PROC, or ?.

RAP101E

VALID OPTIONS: (A)LL, (I)NDEX OR (N)ONE.

Reason:

An invalid option has been selected.

Action:

Choose one of these valid options: A for All, I for Index, or N for None.

RAP102E

FREQUENCY PERIOD AND PURGE LIMIT MUST BE GREATER THAN ZERO.

Reason:

The values entered in the Frequency Period or Purge Stats Older Than fields are less than zero.

Action:

Enter values greater than zero in those fields.

RAP103I

AUTO-STATISTICS PROFILE RECORD UPDATED.

Reason:

Informs you that the changes you have made to the Auto-Statistics Profile are saved.

Note: Your editing changes will be saved only if the Auto-Statistics activation is ON.

RAP104I

Action: LIST SELECTION DISALLOWED - PDA NOT INSTALLED.

Reason:

Informs you that your action procedure selection for the Utility Manager will be ignored. You will be able to use the action procedure as soon as the program is installed.

RAP105E

MODEL MEMBER MISSING OR EMPTY

Reason:

Your model member was not found, it contained no data.

Action:

Ensure the following:

- Ensure that the model library exists.
- Ensure that the model member is on the library.
- Ensure that the member is not blank and contains at least one non-model control card to be used as a _VJC.

Enter a MASK ('*') for the member name to get a list of members. You will then be able to browse or edit model.

RAP106E

VALID OPTIONS: (D)ATASET, (J)ES, (B)OTH OR (P)REVIEW

Reason:

Indicates that an invalid option has been selected.

Action:

Correct this by selecting any of the following options:

- D-Dataset.
- J-JES.
- B-Both.
- P-Preview.

RAP107E

VALID OPTIONS: (N)ONE OR (U)PDATE.

Reason:

An invalid option has been entered.

Action:

Select one of these two valid options: N for None or U for Update.

RAP108E

DELETION REQUESTS ARE ONLY ALLOWED IN LOCAL FRAME.

Reason:

Your deletion request refers to an invalid DB2 subsystem ID.

Action:

Confirm the DB2 subsystem ID.

RAP109E

ENTER EITHER APPLICATION PLAN OR CATALOG OBJECT NOT BOTH.

Reason:

This message appears when you try to process application plans and DB2 objects at the same time.

Action:

You must choose which of these two you want to process first.

RAP110E

NO OBJECTS WERE FOUND.

Reason:

You will see this message when no DB2 objects can be found for the selection criteria entered. The DB2 object may not be found if DB2 has not written its buffers to disk since the object was created. Remember, the program accesses the actual VSAM data set directly instead of using DB2.

RAP111E

MODEL LIBRARY MUST BE SPECIFIED.

Reason:

You must specify the library that contains the model JCL.

RAP112E

NEW VALUE NUMBER CANNOT BE LARGER THAN 2,147,483,647.

Reason:

This message displays by CATALOG Update when a new value larger than 2,147,483,647 is entered.

RAP113E

QUALIFYING CONDITION MUST BE SPECIFIED.

Reason:

This message displays if a conditional action is selected and a condition is not specified.

Action:

Specify a condition or unselect the conditional action. You may specify a condition by beginning with a comparison operator (for example, > 90).

RAP114E

EXPLODE IS INVALID BECAUSE IMMEDIATE MESSAGE DOES NOT EXIST.

Reason:

This message occurs when you try to explode an immediate message that does not exist.

Action:

To create an immediate message, enter Y in the Immediate Messages field.

RAP115E

VALID CODES: (Y) MEMBER SPECIFIED, (U)PDATE OR (E)XPLODE.

Reason:

An invalid code has been entered.

Action:

Select one of these valid codes: Y for Member Specified, U for Update, or E for Explode.

RAP116I

Action: PROCEDURE SUCCESSFULLY COPIED.

Reason:

Informs you that the action procedure was found and copied.

RAP117E

ENTER MODEL NAME OR CANCEL.

Action:

Enter the model name or CANCEL processing.

RAP118E

VALID Action:S: ENTER, CANCEL, OR ? FOR COMMAND LIST.

Reason:

An invalid command has been entered.

Action:

Select one of these commands: ENTER, CANCEL, or ?.

RAP119E

A MESSAGE DESTINATION WAS NOT CHOSEN.

Reason:

A message has been sent without a specified destination.

Action:

Specify the message destination to correct this.

RAP120E

NO MODEL WAS CHOSEN.

Reason:

A model has not been chosen.

Action:

Specify the name of the model JCL member.

RAP121E

Action: PROCEDURE WAS NOT CREATED; INFORMATION WAS NEVER ENTERED.

Reason:

You will see this message after attempting to create an action procedure when the Enter key was not pressed before exiting action procedure services. Pressing Enter is required for the procedure information to be accepted and processed. The action procedure was not saved.

RAP122E

DEFAULT SHARE OPTION OF "N" SET; OTHER VALID VALUES: "U" AND "Y".

Reason:

This message lets you know that the default share option is N for Nonshareable. You can change this value with one of these other valid values: U for Updateable or Y for Yes for shareable.

RAP123E

PARM OPTION IS NOT VALID SINCE NO UTILITY CODE WAS CHOSEN.

Reason:

The Parm option is invalid because a utility code was not chosen.

Action:

Choose a utility code.

RAP124I

ANY REQUESTED DELETES ARE PERMANENT; CANCEL WILL NOT AFFECT THEM.

Reason:

You will receive this message when you access the Log Display Facility. Informs you that CANCEL is not available to "undo" any requested deletes.

RAP125I

CATALOG UPDATE IS NOT SUPPORTED FOR DB2 VERSIONS 1.3 AND BELOW.

Reason:

Informs you that you are operating under DB2 V1.3 or lower and that you attempted to update the catalog by entering catalog update or by specifying catalog update as an option of an extract or of an action. Updating the catalog is not allowed because DB2 V1.3 and below do not allow the statistical values in the catalog tables to be updated.

RAP126I

FORMAT IS NOT SUPPORTED FOR CATALOG TABLESPACES.

Reason:

This message appears when you attempt to format a row that belongs to a catalog tablespace. Any kind of row manipulation is not allowed on catalog tablespaces. Statistics cannot be gathered at the column level or the FORMAT command may not be used to format a row.

RAP127E

AT LEAST ONE PROCESS OPTION MUST BE SELECTED.

Reason:

You will see this message when you have not specified that extracts, reports, or actions are to be processed.

Action:

Set one of these options to Y or exit the panel.

RAP128E

LOCATION CHANGED TO LOCAL DUE TO DB2 VERSION < 2.2.

Reason:

The Location ID that is specified is not LOCAL and the DB2 version is not at least 2.2. The Location ID has been changed to LOCAL because DB2 versions earlier than V2.2 do not support Distributed Data Facility (DDF).

RAP129E

MAXIMUM NUMBER OF PROCEDURES WHICH MAY BE CHOSEN IS 20.

Reason:

More than 254 report procedures have been chosen for a single utility code of PR. An A has been entered next to the report procedures to select them.

Action:

If you want to choose more than 254 report procedures, use another PR utility code in the action.

RAP130E

VALID OPTIONS: (A)CTION, (E)XPLODE, (D)ELETE, (U)PDATE, OR (L)IST.

Reason:

An invalid option has been selected.

Action:

Choose one of these five valid options:

- E-Explode
- D-Delete
- L-List
- A-Action.
- U-Update

RAP131I

Action: TIES TO OBJECTS WILL BE SEVERED - CAN TO CANCEL.

Reason:

This message appears when you have changed an extract object selection and the following conditions apply:

- The extract contained at least one object that was SElected, and this object had at least one Action: tied to it, and you have specified A for AUTOBUILD for the database or tablespace that the object belongs to.
- Because the Action: was tied to the individual object, the Action: tie will now be severed. This will be true for all objects in the database or tablespace selected as AUTOBUILD that had actions tied to them.

RAP132E

LOCATION NOT FOUND FOR CURRENT SSID IN PTIPARM(SETUP).

Reason:

The current location is not LOCAL and the location name is not found for the current SSID in the SETUP member of the data set allocated to the PTIPARM DD. This is usually the CA parmlib.

RAP133E

LOCSSID MISSING FOR THIS LOCATION/SSID ENTRY IN PTIPARM(SETUP).

Reason:

The LOCSSID parameter is missing for the LOCATION subentry in the SSID entry. This is specified in the SETUP member of the data set allocated to the PTIPARM DD. This is usually the CA parmlib.

RAP134E

OPEN OF TABLESPACE SYSPLAN FAILED.

Reason:

This message appears when the PLANS or PLANAME symbolics are being processed and the open of the catalog tablespace SYSPLAN failed.

RAP135E

MEMBER IN USE BY ANOTHER USER.

Reason:

The member you specified to contain the JCL is already in use.

Action:

Select another member or a different data set.

RAP136E

OPEN OF TABLESPACE SYSDBASE FAILED.

Reason:

This message appears when the TSSET symbolic is being processed and the open of the catalog tablespace SYSDBASE failed.

RAP137E

ERROR OCCURRED PROCESSING TABLESPACE SET LIST.

Reason:

This message appears when the TSSET symbolic is being processed and an error OCCURRED processing one of the tablespaces in the tablespace set list. The object in the tablespace set list could not be found in the catalog.

RAP138E

VALID OPTIONS: (P)REVIEW, (D)ATASET, OR (J)ES SUBMISSION.

Reason:

An invalid option has been selected.

Action:

Correct this by selecting D for Dataset, J for JES submission, or P for preview. If preview is selected, the data will be displayed under ISPF Edit. The user may modify the data; any changes will be saved.

RAP139E**EXPLODE OPTION NOT VALID FOR THIS REPORT.****Reason:**

The EXPLODE option is not valid for this report type. This report is generated without using SQL. Therefore, there is no SQL to explode.

RAP140E**SELECT ONLY ONE OPTION.****Reason:**

More than one option has been selected. Select only one of the available options Reorg, Fastscan, or Index Build, by entering S (Select) or U (Update) by the option.

Action:

To unselect an option, blank out the S or U.

RAP141E**ONE OPTION MUST BE SELECTED.****Reason:**

No options have been selected.

Action:

Select at least one of the options.

RAP142E**VALID OPTIONS: (S)ELECT OR (U)PDATE.****Reason:**

An invalid option has been selected. The valid options are S to select and U to update.

RAP143E**VALID OPTIONS: (S)ELECT.****Reason:**

An invalid option has been selected. The valid option is S to select.

RAP144E

VALID OPTIONS: 1, 2, OR 3.

Reason:

An invalid option has been selected. The valid options are 1, 2, or 3.

RAP145E

EACH NUMBER (1, 2, OR 3) MAY ONLY BE USED ONCE.

Reason:

An option has been specified more than once. The valid options are 1, 2, and 3. Each option may only be used once.

RAP146E

REGION MUST BE IN THE FORMAT OF 99999M OR 99999K.

Reason:

The Batch Region Size has not been specified in the correct format. The correct format is 99999M or 99999K, where K is kilobytes and M is meg.

RAP147E

DEVICE TYPE MUST BE 3350, 3380, OR 3390.

Reason:

The work data set device type is incorrectly specified. The valid values are 3350, 3380, and 3390.

RAP148E

VALID ENTRIES FOR LOG TYPE ARE M, A, OR B.

Reason:

You will receive error message RAP when you have entered a value for Log Type that is not valid. Valid values are M, A, or B:

- M-User Messages only
- A-Audit Errors only
- B-Both types

RAP149E

ONE OR MORE FIELDS MUST BE BLANKED OUT ABOVE OR BELOW (OR).

Reason:

This message appears when too many different types of DB2 objects have been entered to be search on. Data should not be entered both above and below the OR.

RAP150E

MODEL LIBRARY NOT FOUND.

Reason:

This message appears when the Model Library is not found by dynamic allocation SVC99 routines.

Action:

Confirm that the library name is accurately spelled, that the library exists, and that the library is catalogued.

RAP151E

VALID ENTRIES ARE: (R)EGULAR, (F)AST, (S)PACEMAP SCAN OR (N)O.

Reason:

This error message appears for invalid entries.

Action:

Choose on of the following entries:

- R-Regular. All statistics will be collected and all audits will be done.
- F-Fast scan only. All statistics will be collected and only those audits which are not time intensive will be performed; no overflow pointers will be verified. If there is an edit procedure, it will not be invoked. Therefore, F will provide the biggest savings for tablespaces with edit procedures.
- S-Spacemap scan only. Statistics will be collected and audits will be done on the spacemap pages only. Any statistic which cannot be calculated from the spacemap page will not be collected, and audits on non-spacemap pages will not be performed. Only spacemap pages are read. Catalog update is bypassed if only spacemap statistics are collected.
- N-No.

RAP152E

VALID OPTION IS (D)ELETE OR (E)XPLODE.

Reason:

An invalid option has been entered. The only available options are D for Delete or E for Explode.

RAP153E

VALID OPTIONS ARE: (D)IV OR (V)SAM.

Reason:

An invalid option has been entered. The valid options are D for DIV or V for VSAM.

RAP154E

VALID OPTIONS ARE: (R)ESTART, (B)YPASS, (C)HECK, (P)HASE.

Reason:

You will receive error message RAP154E when an invalid option has been entered. The valid options are R for Restart, B for Bypass, C for Check Syntax, or P for Phase.

RAP155E

YOUR TSO PROFILE HAS NOPREFIX, MUST USE QUOTES ON ALL DS NAMES.

Reason:

Your TSO profile prefix option is set to NOPREFIX. One or more of the data set names in the panel is not fully qualified with quotes, so the program cannot fully qualify the data set name.

Action:

Use quotes on all data set names or set your TSO profile prefix to your user ID or to some other valid value.

RAP156E

VALID OPTIONS: (A)UTO-BUILD, (S)ELECTION, (T) ALL TBLS, (I) ALL IXS.

Reason:

An invalid option has been selected.

Action:

For the correct option you may choose any of the following:

- A-Auto-build. A may be used next to databases, tablespaces, and the first partition of a table or an index.
- S-Select. S may be used next to any object.
- T-All Tables. T may be used next to a database or tablespace.
- I-All Indexes. I may be used next to a database or tablespace.

RAP157E

VALID OPTIONS: (A)UTO-BUILD, (S)ELECTION.

Reason:

An invalid option has been selected.

Action:

For the correct option you may choose any of the following:

- A-Auto-build. A may be used next to databases, tablespaces, and the first partition of a table or an index.
- S-Selection. S may be used next to any object.

RAP158E

VALID OPTIONS: (A)UTO-BUILD, (T) ALL TABLES.

Reason:

An invalid option has been selected.

Action:

For the correct option you may choose any of the following:

- A-Auto-build.
- T-All Tables.

You cannot use I to select all indexes if indexes were not requested as part of the selection list. To request indexes as part of the selection list, exit from the current selection list. The Utility Build screen appears. Specify an index name or wild card in the selection list parameters from this screen to indicate that indexes should be a part of the selection list.

RAP159E

REPORT TYPE NOT SELECTED (ABOVE), CANNOT SELECT QUERY.

Reason:

A query has been selected for a Graph, Trend, or Forecast report, but the sub-report has not been selected.

Action:

Select the report that is to be presented before selecting the query.

RAP160E

POSSIBLE INVALID TABLE/INDEX NAME - BLANKS NOT SUPPORTED.

Action:

Check the line the cursor is positioned on for a blank name. If a blank name is a true table/index name, these names are not supported. If the detail line should have some other name, contact Technical Support with the following info:

- Screen prints showing the database, tablespace, table, creator, and index if applicable.
- Verification that the table/index name that should appear is not all blanks.

RAP161E

VALID OPTIONS: (A)UTO-BUILD, (T)ABLES, (I)NDEXES.

Reason:

An invalid option has been selected.

Action:

For the correct option you may choose any of the following:

- A-Auto-build. Includes all objects (for example, tablespaces, tables, indexes) in the database.
- T-Tables. Includes all tables in the database.
- I-Indexes. Includes all indexes in the database.

RAP162E

VALID OPTIONS: (A)UTO-BUILD, (T)ABLES, (I)NDEXES, (E)XCLUDE.

Reason:

An invalid option has been selected.

Action:

For the correct option you may choose:

- A-Auto-build. Includes all tables and indexes in the tablespace.
- T-Tables. Includes all tables in the tablespace.
- I-Indexes. Includes all indexes in the tablespace.
- E-Exclude. Excludes all tables and indexes in the tablespace.

RAP163E

VALID OPTIONS: (A)UTO-BUILD, (S)ELECT, (E)XCLUDE.

Reason:

An invalid option has been selected.

Action:

For the correct option, choose from the following:

- A-(Auto-build) For a table, A includes all table partitions and all indexes. For an index, A includes all index partitions.
- S-(Select) Includes the table only or the index only. No other partitions are included.
- E-(Exclude) Exclude the table only or the index only. If on partition 001, E excludes all partitions else it excludes only the partition excluded.

RAP164E

VALID OPTIONS: (S)ELECT, (E)XCLUDE.

Reason:

An invalid option has been selected.

Reason:

For lower level table and index partitions, the options you may choose are the following:

- S-Select. Include this partition only.
- E-Exclude. Exclude this partition only.

RAP165E**OBJECT ALREADY INCLUDED OR EXCLUDED.****Reason:**

This message appears when an option has been entered to include (A, T, I, or S) or exclude (E) an object that has already been included or excluded.

With a group of objects, you can include all objects (A option), just tables (T option), or just indexes (I option).

If a group has been included this way, you can exclude specific objects from the included group. Thus, you can include objects in a database (A next to the database) except for a certain tablespace (E next to the tablespace). Then, in that excluded tablespace, you can include a particular index (A or S by the index).

When a group of objects has been included, a subordinate object cannot be included. For instance, if a database has an A option, a tablespace in the database cannot have the T option because all tables in the database are already included with the A option next to the database. Similarly, if a group is excluded with the E option, a subordinate group cannot be excluded again.

For databases:

- A-Includes tablespaces, tables, and indexes in the database.
- T-Includes all tables in the database.
- I-Includes all indexes in the database.

For tablespaces:

- A-Includes all tables and indexes in the tablespace.
- T-Includes all tables in the tablespace.
- I-Includes all indexes in the tablespace.
- E-Excludes all tables and indexes in the tablespace.

For Table (1st Part):

- A-Includes table (all partitions) and indexes in the table.
- S-Includes this table (this partition only).
- E-Excludes the index (all partitions).

For Index (1st Part)

- A-Includes the index (all partitions).
- S-Includes this index (this partition only).
- E-Excludes this index (all partitions).

Table (Low Parts)

- S-Includes this partition only.

- E-Excludes this partition only.

Index (Low Parts)

- S-Includes this partition only.
- E-Excludes this partition only.

RAP166E

VALID OPTIONS: (E)XPLODE. CONDITION OPTIONS MAY NOT BE CHANGED.

Reason:

You have attempted to select a new action condition or change a selection for an action condition. You entered the action condition display using explode and therefore, no changes are allowed. The option will be reset to what it was before you altered it.

Action:

You may (E)xplode any condition. When you exit the Explode display, the option will be reset to its original value.

RAP167E

VALID OPTIONS: (E)XPLODE, (S)ELECT, (C)ROSS CONDITION SELECTION.

Reason:

An invalid option has been entered. Valid options are as follows:

- E-Explode. This will cause the SQL, which is used to accomplish the conditional test, to be displayed.
- S-Select. This will select the condition so that it is used as a test to determine if the Action: should be generated. If several conditions are selected, the Action: is generated if any of the conditions are true.
- C-Cross condition selection. If C is entered next to an index (IX) type of SQL statement, the index statistics will be used to determine if tablespace utilities are to be generated. Each index (in the extract) that is on a table, which is in the tablespace, will be used to determine if the Action: should be generated for the tablespace. For each test, each index's information will be used to set symbolic variables. As soon as an index satisfies the condition, no further indexes will be tested, and the Action: will be generated for the tablespace.

For tables within the extract only the table's indexes will be used for the conditional test. If the C is placed next to a tablespace (TS) type of SQL statement the tablespace statistics will be used to determine if index utilities are to be generated.

RAP168E

ENTER SPECIFIC VOLUME NAME AT VOLUME PROMPT.

Reason:

The RAP168E error message indicates that you must enter a valid volume name for the Database prompt.

RAP169E

UR NOT VALID IN UTILITY MANAGER.

Reason:

This utility code (UR) is not valid in the utility manager.

RAP170E

VALID OPTIONS: (H)ELP FOR AUDIT ERROR.

Reason:

An invalid option has been selected.

Action:

You can use H for Help on an audit error that displays.

RAP171W

HELP FOR AUDIT ERROR IS NOT AVAILABLE.

Reason:

Indicates that the help for the audit error is not available. Help for audit errors is only available to audit errors produced by version 2.0 and higher.

RAP172E

ACCESS VALUES: AUTO, DIV, VSAM, A/EXCP, D/EXCP, or V/EXCP

Reason:

The Access Value lets you control how DB2 objects are read. This value is used when you submit an Extract Procedure.

Valid values are as follows:

- **AUTO**-PDS will use VSAM reads only if an object is not a linear VSAM data set. Otherwise, the DIV macro is used. Enter AUTO if you are unsure if your VSAM data sets are linear or non-linear. However, it will cost more in overhead to check if the data sets are linear or non-linear. AUTO is the default.
- **DIV**-The Data In Virtual (DIV) macro will be used to read DB2 objects. The DIV macro can read linear data sets only. However, you will be unable to read any non-linear data sets. Use the DIV macro if you know the data sets are linear and the VSAM option is not available to you.
- **VSAM**-VSAM reads will be used. VSAM reads can offer performance advantages over the DIV macro, especially when reading large tablespaces.
- **A/EXCP, D/EXCP, V/EXCP**-EXCP versions of the above options cause EXecute Channel Program (EXCP) access to be used whenever possible (currently, Regular and Fastscan tablespace collections.) EXCP can offer performance advantages over DIV and VSAM. Use EXCP_READ_ACCESS parmlib option to use this feature at a 'site' level without recreating the Extract JCL.

RAP173E

VOLUME SPACE MUST BE Y OR N.

Reason:

The only acceptable values for the Volume Space parameter are Y or N. The default is Y.

RAP174E

ABEND VALUE MUST BE NO OR YES.

Reason:

The only acceptable values for the Abend parameter are No or Yes. The default is No.

Note: You should only use Yes if you are instructed to do so by Technical Support.

RAP175E

CYLINDERS MUST BE A VALUE FROM 1 TO 99.

Reason:

The space value entered in the Primary Cylinders or Secondary Cylinders parameter is invalid.

Action:

Enter a value from 1 to 99. The default is 1.

RAP176E

PR IS NOT VALID FROM UTILITY MANAGER.

Reason:

PR is not valid from within Utility Manager.

Action:

Enter a valid utility code.

RAP177E

ALLOCATION ERROR.

Reason:

An error was encountered trying to allocate the data set. The message has already been displayed by the operating system.

RAP178E

WILD CARDS NOT ALLOWED IN DIRECT SECTION.

Reason:

Direct processing requires a complete name with no wildcard characters.

RAP179E

UCB SCAN ERROR - VOLUME NOT FOUND.

Reason:

Volume name not found in scan of UCBs.

Action:

Verify the name; if it is a valid name, gather documentation showing there is a volume mounted with this name.

RAP180E

YOU MUST ENTER RFIRST, RNEXT, OR RBACK COMMAND PRIOR TO FORMAT.

Action:

FORMAT command requires row positioning; enter RFIRST, RBACK, or RNEXT to establish row position, then enter FORMAT.

RAP181E

ORDER FIELD MUST BE NUMERIC. VALUE WILL BE RIGHT JUSTIFIED.

Reason:

The ORD field must be all numeric. The value entered will be automatically right justified.

This field specifies the order that the Actions are to be executed.

Action:

Enter numbers in the ORD field to number the Actions. If you add an Action after ordering existing Actions, the new Action: is numbered one higher than the previously highest numbered Action.

RAP182E

VALID VALUES ARE 'AND' OR 'OR'.

Action:

Enter AND to use the and connector between conditions, or OR to use the or connector. AND implies that all conditions selected must be true, while OR implies that at least one condition selected must be true.

RAP183E

VALID VALUES ARE Y(ES) OR N(O).

Action:

Enter Y(ES) to cause all tied Actions for the old extract to be tied to the new extract as well. Enter N(O) to prevent this.

RAP184E

COPY Action:S = Y REQUIRES COPY PROCEDURE NAME.

Reason:

When Copy Actions is Y, you must enter a name or '*' in the Copy Procedure field. Actions cannot be copied unless the extract is copied as well.

RAP185E

EPAGE IS AN INVALID PAGE NUMBER. FIELD MUST BE NUMERIC.

Reason:

The PAGE field must be all numeric. This field specifies the page you wish to retrieve. The page value must be overtyped to specify the desired page. For table-spaces, RID values may be optionally input. When only the page value is entered, the beginning of the specified page displays.

RAP186E

EROW IS AN INVALID ROW NUMBER. FIELD MUST BE NUMERIC.

Reason:

The RID field must be all numeric. This optional field specifies the row number to locate on the page specified in the PAGE field.

RAP187E

OBJECT SSID IS REQUIRED FOR REPORT PROCEDURE.

Reason:

Object SSID is used to connect to DB2 when procedure is run and therefore is required when defining procedure.

RAP188E

MUST SELECT A DATABASE OR INDEX.

Reason:

One of these two fields must have a value specified: DATABASE or INDEXSPACE. Supply one or the other.

RAP189E

Action: PROCEDURE WAS NOT UPDATED; INFORMATION WAS NEVER ENTERED.

Reason:

Error message RAP189E displays after attempting to update an existing action procedure and the Enter key was not depressed before exiting action procedure services. Enter is required for the procedure information to be accepted and processed. Any action procedure updates were not saved.

RAP190E

CANNOT FORMAT ROW - ROW IS DROPPED, OR CURRENT ROW NOT ESTABLISHED.

Reason:

FORMAT command requires current row positioning to be established before entering command (RFIRST, RNEXT, RBACK). Also, it is not possible to format a dropped row.

RAP191E

PAGE IS UNFORMATTED, AUDIT BYPASSED.

Reason:

Cannot audit an unformatted page. Audit process was bypassed.

RAP192E

QC CODE IS INVALID IN UTILITY MANAGER.

Reason:

QC code is not supported in Utility Manager; enter another code.

RAP193E

HEX CHARACTERS EXCEEDED IN PAGE FIELD; MAXIMUM IS 6.

Reason:

The PAGE field must contain 1 to 6 valid hex digits (0-9, A-F) when the page number is preceded by an 'X'.

RAP194E

PAGE NUMBER CONTAINS INVALID HEX DIGITS. MUST BE 0-9, A-F.

Reason:

The PAGE field must contain 1 to 6 valid hex digits (0-9, A-F) when the page number is preceded by an 'X'.

RAP195E

epage IS AN INVALID PAGE NUMBER.

Reason:

The PAGE field must contain 1 to 6 valid hex digits (0-9, A-F) when the page number is preceded by an 'X'.

RAP196E

RID FIELD CONTAINS INVALID HEX DIGITS. MUST BE 0-9, A-F.

Reason:

The RID field must contain 1 to 2 valid hex digits (0-9, A-F) when the RID is preceded by an 'X'. This optional field specifies the row number to locate on the page specified in the PAGE field.

RAP197E

erow IS AN INVALID RID VALUE.

Reason:

The RID field must contain 1 to 2 valid hex digits (0-9, A-F) when the RID is preceded by an 'X'. This optional field specifies the row number to locate on the page specified in the PAGE field.

RAP198E

NOT LICENSED FOR QUICK COPY, QC Action: CODE NOT VALID.

Reason:

QC code is not valid because you are not licensed to run CA Quick Copy.

RAP199E

INVALID VALUE - USE 3350, 3380, OR 3390.

Reason:

Must use one of these values: 3350, 3380, or 3390.

RAP200E

VALID VALUES ARE R, B, C, OR A.

Reason:

Must use one of these values: R for Restart, B for Bypass Restart, C for Check Syntax, or A for Auto Restart (blank is also valid, for no restart parm).

RAP201E

VALID VALUES ARE A(ND), O(R), N(O), OR E(XPLODE).

Reason:

Valid values are A for AND, O for OR, N for NO, or E for EXPLODE.

RAP202E

VALID VALUES ARE A(ND), O(R), N(O), U(PDATE), OR E(XPLODE).

Reason:

Valid values are A for AND, O for OR, N for NO, U for Update, or E for EXPLODE.

RAP203W

EXPLODE PROCESSING - ANY CHANGES WILL BE IGNORED.

Reason:

The action displays due to an EXPLODE request. Though the screen will allow changes, any changes made will be ignored.

RAP204E

VALID OPTIONS: (A)UTO-BUILD, (T)ABLES.

Reason:

At the Database level, the following options are allowed:

- A-Autobuild. Includes all objects (for example, Tablespace, Tables, Indexes) in the Database.
- T-Tables. Includes all Tables in the Database.

The message was displayed because an invalid option was entered. To correct the error, blank out the option (put a space in the option field) or enter one of the options above.

RAP205E

VALID OPTIONS: (A)UTOBUILD, (T)ABLES, (E)XCLUDE.

Reason:

At the Tablespace level, the following options are allowed:

- A-Autobuild. Includes all Tables and Indexes in the Tablespace.
- T-Tables. Includes all Tables in the Tablespace.
- E-Exclude. Excludes all Tables and Indexes in the Tablespace.

The message was displayed because an invalid option was entered. To correct this error, blank out the option or enter one of the options above.

RAP206E

INVALID MEMBER NAME, CORRECT AND PRESS ENTER.

Reason:

Member name as entered is not valid and cannot be saved.

Action:

Enter a valid name before saving.

RAP207E

ENTER E(XPLODE), U(PDATE), OR Y(ES).

Action:

Enter E for Explode (no updates), U for Update, or Y for Yes (only prompt for symbolics if one or more user symbolics are found in model).

RAP208E

VALID VALUES ARE BLANK (MEANING NOT SELECTED), OR 1-3599.

Action:

Enter blank to indicate you are not selecting this suboption. Enter a number from 1 to 3599 to indicate you are selecting this option and to specify the number of action jobs you are requesting. This option specifies the number of jobs to generate, regardless of the number of steps generated. Empty jobs use the MJUTLFI model (or the model specified on the panel). All steps pertaining to a given object are kept within the same job, so the number of steps per job will not always be exactly equal.

Note: This option is mutually exclusive with the NUMBER OF STEPS PER JOB and NEW JOB FOR EVERY OBJECT options. Choose one and only one of these options.

RAP209E

VALID VALUES ARE BLANK (MEANING NOT SELECTED), OR 1-200.

Action:

Enter blank to indicate you are not selecting this suboption. Enter a number from 1 to 200 to indicate you are selecting this option, and to specify the number of steps per job you are requesting. This number is used as a guide for generating JCL; all steps pertaining to a given object will be kept within the same job, so the actual number of steps in each resulting job may not match exactly with this value; however, it should never be less than this value.

Note: This option is mutually exclusive with the NUMBER OF JOBS and NEW JOB FOR EVERY OBJECT options. Choose one and only one of these options.

RAP210E

VALID VALUES FOR ONE JOB PER OBJECT ARE Y(ES), OR N(O).

Action:

Enter blank or N to indicate you are not selecting this suboption. Enter Y to indicate you are selecting this option. This option indicates that you want a new job for every object, regardless of the number of JCL steps generated for the object.

Note: This option is mutually exclusive with the NUMBER OF STEPS PER JOB and NUMBER OF JOBS options. Choose one and only one of these options.

RAP211E

VALID VALUES FOR ONE MEMBER PER JOB ARE Y(ES), OR N(O).

Action:

Enter blank or N to indicate you are not selecting this option. Enter Y to indicate you are selecting this option. This option indicates that you want a new PDS member for every job. The member name is determined in one of the following ways:

- If you specify an action JCL member name on the submit panel, that name is determined by the number of jobs. If <10 jobs, one rightmost character is replaced (0-9); if <100 jobs, two rightmost characters replaced (00-99); if <1000 jobs, three rightmost characters replaced (000-999); else four rightmost characters are replaced (0000-9999). For this reason, it is good practice to make the first four, five, or six characters of the member name as unique as possible to reduce confusion.
- If you do not specify an action JCL member name on the submit panel, the program generates as many names as needed using the same format as before (AMMDDxxxx) where MMDD is the month and day, and xxxx is a number from 0001 to 9999. This is the recommended method.

RAP212E

SPECIFY ONLY ONE OF: NUMBER OF JOBS OR NUMBER OF STEPS PER JOB.

Reason:

Only one of these values may be specified: NUMBER OF JOBS or NUMBER OF STEPS PER JOB. Each of these determines how JCL is generated, but the logic used is different since the number of jobs is unknown as the JCL is being built.

If multiple extracts are tied to an Execution Procedure and if all the extracts do not have matching values for these parms, only one of these values is used: The highest NUMBER OF STEPS PER JOB value is used if requested by at least one extract, OR, the highest NUMBER OF JOBS value will be used.

A message is written to PTIMSG indicating which options are used.

RAP213E

VALID VALUES FOR ONE STEP PER UTILITY ARE Y(ES) OR N(O).

Action:

Specify ONE STEP PER UTILITY when you DON'T want utilities generated one after another in the same JCL step, that is, REORG and RUNSTATS in the same step. When the default is taken, or when specifying N, the program will attempt to put similar utilities within the same JCL step.

RAP214E

THE ONLY VALID OPTIONS FOR UTILITY HISTORY REPORTS IS D (DETAIL) AND L (LATEST 1-9)

Reason:

An invalid option was selected for a Utility History report. The only valid options are D (Detail) and L (Latest 1-9).

RAP215E

PF3 NOT ALLOWED WITH INVALID Action: CODES; CORRECT OR CANCEL

Reason:

Error message RAP215E indicates that at least one action code's stored model symbolics do not match the current version of the model in the model library.

Action:

You must update the action code (by pressing enter) or cancel out of the update with the CANCEL top line command.

RAP216E

LOAD FAILED FOR PTLBMOD, LOOK IN PTILIB FOR THIS MODULE.

Reason:

PTLBMOD could not be loaded using the z/OS LOAD macro. Common causes are: module not in PTILIB, or region not available (use at least 4M, 6-8M is recommended).

RAP217E

REGION SIZE MUST BE GREATER THAN REGION REQUIRED.

Reason:

The batch region size specified is too small for the options which have been specified.

Action:

Increase the region size or decrease the options specified.

RAP218E**MEMBER NAME NOT ALLOWED IN DSN FIELD, USE MEM FIELD.****Reason:**

You have specified a member name in both the MEM field and the DSN field. This is not allowed.

Action:

Remove the member name from the DSN field, and use only the MEM field for action member names.

RAP219E**NUMBER OF STEPS PER JOB NOT VALID WITH ONE JOB PER OBJECT.****Reason:**

Only one of NUMBER OF STEPS PER JOB and ONE JOB PER OBJECT may be requested. This is because ONE JOB PER OBJECT automatically determines when a new step is generated.

Action:

Choose the NUMBER OF JOBS option when using ONE JOB PER OBJECT (can be set to 1 if so desired).

RAP220I**ENTER A LOCATION OR SSID AT THE APPROPRIATE PROMPT.****Reason:**

This message appears when neither the LOCATION nor the SYSID fields have a valid value on the panel. One and only one of these must be supplied.

Action:

Supply a location (to copy to a remote sysid) or a sysid (to copy to a local sysid).

RAP221I

ONLY ONE OF LOCATION AND SSID IS ALLOWED - BLANK OUT ONE OF THESE.

Reason:

This information message appears when both the LOCATION and the SYSID fields have a valid value on the panel. One and only one of these fields must be supplied.

Action:

Supply a location (to copy to a remote sysid) or a sysid (to copy to a local sysid).

RAP222I

VALUE FOR COPY Action:S MUST BE Y(ES) OR N(O).

Reason:

An invalid value was entered for the COPY ACTIONS field. Valid values are Y for Yes or N for No.

COPY ACTIONS requests that, as part of the process of copying the extract procedure and its connections to action Procedures, you want to also copy the action Procedures themselves.

RAP223I

CANNOT COPY REPORT PROCEDURES WITH EQFS.

Reason:

You have requested the copy of a report procedure that uses at least one Extended Query Facility (EQF). EQFs cannot be copied because the possibility exists that the EQF is not defined on the other subsystem.

RAP224I

proctype PROCEDURE "storproc" COPIED TO lsys.

Reason:

Indicates the completion of the copy.

RAP225I**OPTIONAL CONDITION TABLES FOUND: actbl1 actbl2 actbl3.****Reason:**

Indicates which condition tables were found in PTILIB. RAAACTB is required, but RAAACTB1, RAAACTB2, and RAAACTB3 are optional. All tables in PTILIB are always loaded.

If RAAACTB1, RAAACTB2, or RAAACTB3 are not found, you may receive terminal message CSV003 indicating that one or more tables were not found. The program will continue processing the existing tables normally.

Action:

To eliminate these terminal messages, you can assemble the RAAACTB2 and RAAACTB3 tables.

If duplicate Actions exist within the same table or different tables, only the first occurrence of the condition will be used.

RAP226I**ONE OR MORE Action: CONDITIONS NOT FOUND IN TABLE - INVALID.****Reason:**

The action procedure is invalid because it contains one or more action conditions that do not exist in the current version of the action condition tables (RAAACTB1/2/3).

Action:

Locate the correct versions of RAAACTB, RAAACTB1, RAAACTB2, and RAAACTB3, or update the procedure to select existing action conditions.

RAP227I**STATS MAINTENANCE IN PROGRESS, ACCESS IS BROWSE ONLY.****Reason:**

The Statistics Maintenance Profile is being used by an Extract for Stats Maintenance. To prevent losing changes, updates are not allowed until processing is completed.

RAP228I

CONDITION MUST BE N(O), A(ND), OR O(R).

Reason:

An invalid option has been selected.

Reason:

Select one of the following valid options:

- N-No.
- A-And (only valid when at least one Action: condition is selected.)
- O-Or (only valid when at least one Action: condition is selected).

RAP229I

IMMEDIATE MESSAGES MUST BE Y(ES) OR N(O).

Reason:

An invalid option has been selected. Valid values are N for no, or Y for yes. Y is valid only for conditional Actions.

RAP230I

N IS THE ONLY VALID VALUE BECAUSE NO CONDITIONS ARE DEFINED.

Reason:

Indicates that N is the only valid value for the Conditions field because no conditions are defined for the current action.

Action:

You can enter an A or O to supply action conditions, or enter N to continue processing without action conditions.

RAP231I**COPY NOT ALLOWED WHILE UPDATING EXISTING EXECUTION PROCEDURE.****Reason:**

You cannot use the copy function while updating an existing Execution Procedure. The copy function can only be used while creating a new Execution Procedure.

Action:

To delete Extract/Report ties from an existing Execution Procedure, enter EXPLODE D in the command line. To add Extracts/Reports, enter the names and creators in the PROCEDURE NAME and CREATOR fields and select them on the next screen.

RAP232I**COPY NOT ALLOWED AFTER ONE SUCCESSFUL COPY ALREADY DONE.****Reason:**

You have attempted to use the copy function after having performed a successful copy. The copy function can only be used once when you build a new procedure.

RAP233E

OPTIONS: S(TANDARD), Q(UICK)

RAP234E**INCOMPLETE OPTIONS SPECIFIED. PRESS HELP FOR INFO.****Reason:**

You have selected an option that requires further processing.

Action:

Press Enter to process the options, remove the option by changing it to an N, or enter CANCEL on the command line and press Enter to exit the panel without saving any changes.

RAP235E

PROBLEM ENCOUNTERED PROCESSING Action: MODEL. UPDATE Action: PROC.

Reason:

The program encountered a problem when processing the action Procedure symbolic variables. The program stores user symbolics and their values in the action Procedure table row.

Some of the problems which may have been encountered are as follows:

The model library may no longer exist.

- The model member may no longer exist.
- Symbolics have been added to the model but do not have any values associated with them.

Action:

To correct this problem, update the action Procedure with the correct information.

RAP236E

NO ROOM TO INSERT - THE MAXIMUM OF 10 CODES ARE ALREADY SPECIFIED.

Reason:

This message appears when an attempt is made to insert a blank action code line., and there are already 10 action codes specified. A maximum of 10 action codes can be specified.

RAP237E**INVALID PARM(S) SPECIFIED. PRESS HELP FOR INFO.****Reason:**

This message appears when an invalid parm was detected. Valid parms are as follows:

- D-Delete the code from the Action: list. All remaining codes are moved up one line.
- I-Insert an empty code at the cursor. The code on this line and all codes after this line are moved down one line.
- C-Copy the code to the destination line indicated by an A or B.
- M-Move the code to the destination line indicated by an A or B.
- A-Copy/Move the code after this line. All codes after the copied line are moved down one line.
- B-Copy/Move the code before this line. The code on this line and all codes after this line are moved down one line.
- R-Repeat the code. All codes after the repeated line are moved down one line.

RAP238E**INVALID PARM(S) SPECIFIED. PRESS HELP FOR INFO.****Reason:**

This message appears when an invalid parm was detected. Valid parms are as follows:

- E-Explode the Action: list.
- N-Do not update the Action: line.
- D-Delete the code from the Action: list. All remaining codes are moved up one line.
- I-Insert an empty code at the cursor. The code on this line and all codes after this line are moved down one line.
- C-Copy the code to the destination line indicated by an A or B.
- M-Move the code to the destination line indicated by an A or B.
- A-Copy/Move the code after this line. All codes after the copied line are moved down one line.
- B-Copy/Move the code before this line. The code on this line and all codes after this line are moved down one line.
- R-Repeat the code. All codes after the repeated line are moved down one line.

RAP239E

CAN SPECIFY ONLY 1 (C)OPY/(M)OVE AND (A)FTER/(B)EFORE, OR (R)EPEAT

Reason:

This message appears when more than one Copy/Move, After/Before, and/or Repeat parm was entered. Only one Copy/Move and corresponding After/Before or -Repeat parm can be entered at one time.

Action:

Delete all but one Copy/Move and associated After/Before or Repeat parm.

RAP240I

COPY/MOVE IS PENDING

Reason:

This message appears when you entered a Copy/Move parm without the corresponding After/Before parm **or** an After/Before parm without the corresponding Copy/Move parm.

Action:

Enter the appropriate parm.

RAP241I

CHANGE THE INSERTED CODE TO A VALID UTILITY CODE

Reason:

This message appears after you insert a new line into the action Procedure list.

Action:

Update the utility code with a valid utility code from those listed on the Build action Procedure screen.

RAP242E**AN ACTION CODE OF PR MUST BE THE LAST ACTION CODE IN A PROCEDURE****Reason:**

This message appears when you specify a PR action code and it is not the last action code in the action procedure. When specified, a PR action code must be the last action code in the action Procedure.

Action:

Use the Move option to move the PR action code to the last entry in the list prior to saving the action procedure again. Otherwise, delete the PR action code by using the Delete option.

RAP243I**CREATING A NEW PROCEDURE - ENTER QUERY SELECTION LIST PARAMETERS****Reason:**

This message displays when you are attempting to create a new procedure.

Action:

Enter selection criteria to get a list of objects you can select from.

RAP244E**NOT LICENSED FOR ONLINE REORG, UR Action: CODE NOT VALID****Reason:**

UR code is not valid because you are not licensed to run the product.

RAP245E

**** WARNING ** ALLT AND COLSTATS=I. PRESS HELP FOR INFO**

RAP246E

OBJECT SSID "obss" NOT SPECIFIED IN PTIPARM(SETUP)

RAP247E

NON-ZERO RETRUN CODE ENCOUNTERED PROCESSING Action: LIBRARY

Reason:

The program has received a non-zero return code from General Model Services while trying to write out the generated action JCL to the specified action library.

Action:

You should ensure this library is a PDS with available space including the directory.

RAP248E

ORDER FIELD MUST BE NUMERIC. VALUE WILL BE RIGHT JUSTIFIED.

Reason:

The ORDER field must be all numeric. The value entered will be automatically right justified.

This field specifies the relative order that the Extract and Report Procedures are to be executed.

Action:

Enter numbers in the ORDER field to resequence|renumber the procedures. If you change the order of any of the procedures, all procedures are resequenced according to your specified relative order, then renumbered, that is, each procedure is given a new relative order number once the procedures are resequenced.

RAP249I

THE PROCEDURES HAVE BEEN RESEQUENCED AND RENUMBERED.

Reason:

Appears after you change the ordering of a procedure. All procedures in the list are resequenced according to the values you entered. All procedures in the list are then renumbered.

RAP250E

INTERNAL ERROR: MATCHING DETAIL LINE|EBPB ENTRY NOT FOUND

Reason:

An internal error has occurred. Reordering of Extract|Report Procedures within an Execution Procedure was performed. The program was attempting to reorder the resequenced procedures within control blocks prior to saving the Execution Procedure. However, a match of a detail line with a control block entry was not made.

RAP252E**OBJECT TYPE IS INCOMPATIBLE WITH CURRENT EXTRACT OBJECTS****Reason:**

The object type selected is incompatible with the current extract objects. Extracts built with stogroups or volumes are not compatible with other objects.

RAP253E**INVALID WILD CARD SELECTION COMBINATION. PRESS PF1 FOR DETAILS.****Reason:**

The selection criteria entered is an invalid execution time wild card (%%) input value. Execution time wild cards are only available for Database, Tablespace and Tablespace Creator combinations. This combination of criteria can be efficiently processed with data from SYSTABLESPACE only. The execution time wild card characters (%%) must appear as the last two characters of the object name. %% can be used by itself.

If an execution time wild card (%%) is specified, Table, Index, and all Creator fields except Tablespace Creator must be blank.

A single wild card (%) is similar to a DB2 wild card and is used to define static selection criteria. A double wild card (%%) is used to define selection criteria for objects that will be selected at execution time. Single and double wild carded input fields cannot be combined or mixed.

As an example, in environments such as SAP(tm), the selection criteria could be as little as: Database => %% Tablespace => %% TSCreator => SAP%%

RAP254E**OBJECT TYPE IS INVALID****Reason:**

The object type entered is invalid.

Action:

Choose one of these five valid options:

- PK for package
- PL for plan (without packages)
- PP for plan (with packages)
- ST for stogroup
- VL for volume

RAP255E

VALID ENTRY IS: (Y)ES. PRESS HELP FOR INFO

Reason:

Appears when COLCARD field has been set to "Y" for SYSCOLUMNS and HIGH2KEY/LOW2KEY have been set "N". The program will require that the HIGH2KEY/LOW2KEY fields are also set to "Y" based on the importance that the IBM puts on their correlation to COLCARD. The IBM *DB2 Administration Guide* describes it as follows:

LOW2KEY and HIGH2KEY. If the COLCARD value is not '-1', the column is assumed to have statistics, as previously mentioned. It is also assumed that the LOW2KEY and HIGH2KEY values are accurate. They are used in filter factor calculations, as they appear in the catalog."

RAP256E

RLOC COMMAND IS ONLY VALID WITH TYPE 2 INDEXES

Reason:

Indicates an RLOC command was attempted when the index was not a type 2. RLOC is not possible with type 1 indexes.

RAP257E

DATA FIELD REQUIRES NUMERIC ENTRY BETWEEN 1 - 64

Reason:

Indicates that invalid data has been entered in a numeric field.

Action:

To correct this, enter a numeric value between 1 - 64. (The field is three digits for future expansion.)

RAP258E**INTERNAL ERROR HAS BEEN DETECTED. PRESS HELP FOR DETAILS****Reason:**

Appears when an internal error has been detected.

Action:

First, print this screen. Second, document the steps you took up until this error occurred. Next, go to the Profile (Main Menu option) and change the Fatal Abend setting to YES. Attempt to recreate the abend from the steps you documented. Print any additional messages that may appear.

RAP259E**ENTER ONE OF THE LISTED VALUES. PRESS HELP FOR DETAILS.****Reason:**

For the Proc. Creator parameter, enter USERID, SQLID, ACEEGRPN, or PARMLIB. This option will determine what the default procedure creator will be set to when creating new procedures. This option also will allow the user to update corresponding sharable and non-sharable procedures. Procedures created under the TSO user id are always updateable.

- USERID-Use the TSO user id as the procedure creator.
- SQLID-Use the current value of SQLID as the procedure creator. The CA command line option SQLID can be used to see the current SQLID setting. The CA command line option SET SQLID authorized-value is used to set the SQLID.
- ACEEGRPN-Use the user's default RACF security group name from the ACEE security control block as the procedure creator. Issue the IBM command TSO LISTUSER to see the RACF group name assigned to the current user id. If RACF groups are not used or some other security product is in use that does not set the ACEEGRPN field, USERID will be the default.
- PARMLIB-Use the setting defined in the Database Analyzer parmlib member using the keyword DEF_PROC_CREATOR. If the value 'PARMLIB' is protected, then your administrator used the keyword ALLOW_DPC_PROFILE_OVERRIDE(N) to control the fields use.

RAP260E

CROSS CONDITION SELECTION IS UNSUPPORTED. PRESS HELP FOR DETAILS.

Reason:

This message appears when an invalid condition combination has been entered. A condition with the following text description, "Populate USERx w/PDA Stats col," was selected as a cross condition and this is not currently supported.

Action:

These conditions are simply used as a method for users to set USERx symbolics to values based on CA Database Analyzer statistic column values related to the object being processed. Tablespace statistics can be retrieved when tablespaces are being processed. Index statistics can be retrieved when indexes are being processed.

Remember that cross conditions evaluate the *opposite* type of object than what is being processed. For example, cross condition index statistics such as CLUSTERRATIO can be evaluated when the tablespaces containing the related table is being processed.

RAP261E

ADDITIONAL CONDITIONS NEED TO BE USED. PRESS HELP FOR DETAILS.

Reason:

Indicates that an action condition was entered but the required corresponding condition was not included.

The purpose of action conditions like œ(xx) Populate USERx w/ PDA Stats col" is to set or populate user symbolics (i.e., USER1 - 4 and USER1LIT - 4LIT). They cannot be used alone to drive the action condition selection of objects for processing. They do not impact action condition processing logic or evaluation.

Action:

You can use #IF logic or unique comments in action models to handle your specific needs for the production of JCL final settings. If your only goal is to set a user symbolic, then we recommend you select a prereq dummy action condition.

You must use these conditions with partition sensitive conditions -- such as (TS) and (IX) -- or with conditions that are not partition sensitive -- such as (TSP) and (IXP). You cannot use them with both.

Be sure to specify a column name that corresponds with the type of action condition you have selected.

- RATS column name prefixes are related to tablespace objects.
- RAIX column name prefixes are related to index objects.
- UTL column name prefixes are related to both object types.

RAP262E**QUALIFYING CONDITION REQUIRED. PRESS HELP FOR DETAILS.****Reason:**

Error message RAP262E displays if a conditional action is selected and a condition is not specified.

For the conditions which populate %USER1 - %USER4 symbolic variables, the general formats can be:

- *column_type, column_name*
- *column_name*
- *column_type, column_funct(column_name)*
- *column_funct(column_name)*

column_name can be any column from the RATS_STATS_xxxx, RAIX_STATS_xxxx, and RAUT_HIST_xxxx tables.

If *column_type* is not specified, it is obtained from the SYSIBM.SYSCOLUMNS table during condition definition.

The following is an example of a (TS) condition value:

C,RATS_DBNAME D,UTL_ELAPSED_TIME, SUM(RATS_ROWS_TOTAL),I or S,MAX(RATS_EXTENTS)

The following is an example of an (IX) condition value:

C,RAIX_TBNAME S,RAIX_LEVELS, MAX(RAIX_CLUSTERATIOF),F or F,SUM(RAIX_CLUSTER_F)

If any problem is detected during execution of a PDA Program action Condition used to populate these symbolic variables, error information will be substituted for the %USERx symbolic.

RAP263E**- INVALID CONDITION FORMAT. PRESS HELP FOR DETAILS.****Reason:**

Message RAP263E displays if the condition value specified is not in a format that PDA can efficiently process or if it does not appear to be valid. For example, it is not valid to select a (TS) condition and enter a RAIX statistics column name as its qualifier.

The general formats can be:

- *column_type, column_name*
- *column_name*
- *column_type, column_funct(column_name)*
- *column_funct(column_name)*

Valid *column_types* are as follows:

- C (character)
- S (smallint)
- I (integer)
- D (decimal)
- T (timestamp)
- F (float)
- V (varchar)

If *column_type* is not specified, it is obtained from SYSIBM.SYSCOLUMNS table during condition definition. The column type is used at execution time to determine what SQL and host variable type should be used.

The following are examples of (TS) condition values:

- C,RATS_DBNAME
- D,UTL_ELAPSED_TIME
- SUM(RATS_ROWS_TOTAL),I
- S,MAX(RATS_EXTENTS)

The following are examples of (IX) condition values:

- C,RAIX_TBNAME
- S,RAIX_LEVELS
- MAX(RAIX_CLUSTER_RATIO),F
- F,SUM(RAIX_CLUSTER_F)

RAP264E

INVALID LAST EXECUTION DATE FOUND. INSTALL FAIL? PRESS HELP KEY!

Reason:

Error message RAP264E displays if the Last Execution Date value is equal to 0001-01-01. This would indicate that the RACR_PROC_xxxx table has been altered during the install to add new DATE and TIME columns. However, the table conversion step has not been run. This would have been mentioned in the customization steps during install.

This conversion step will initialize the new DATE and TIME columns in the RACR_PROC_xxxx table. These are used when processing the Auto Statistics Maintenance PROFILE row. (where RACR_TYPE='4')

Note: The conversion step sets the Last Execution Date value in column RACR_LAST_UPDATE_D with the value from the old column, RACR_LAST_UPDATE. This old column is no longer used for Statistics Maintenance processing.

Aside from this specific function, the conversion step also initializes all other new columns so it is extremely important for it to be run. It sets their values based on the values in the existing column. All the old columns will be removed in the next version.

RAP265E

"COPY" PROCESSING CANNOT BE COMPLETED. PRESS HELP FOR DETAILS.

Reason:

Error message RAP265E displays when COPY processing cannot be completed. The target procedure already exists and has been defined as not shareable.

Only the owner of the target procedure can overwrite the contents of it.

Action:

You must enter a new Creator or Procedure Name.

RAP266E

SELECT A CA UTILITY. PRESS HELP FOR DETAILS.

Reason:

DU action Utility code is common to all CA Utilities.

Therefore you have that secondary panel to choose the utility you want to assign to current utility code. The action Procedure definition is still being the same, one utility has to be set per utility code. If you decide finally to do not specify any utility you can come back to previous screen by entering CANCEL in Command Line.

RAP268E

VALID CODES: (Y) - UPDATE MODEL MODEL, (N) - DO NOT UPDATE MODEL

Reason:

Valid values for this field are: Y(es) OR N(o)

By setting this field to: Y(es) , you will able to display the contents of current model and perform needed changes you may wish to set.

By setting this field to: N(o) , you can change the current model by setting a new one.

RAP269E

MODEL REQUIRED. SAMPLE MODEL NAME SET. PRESS HELP FOR DETAILS.

Reason:

DU model initialization phase:

Based on the Utility Code specified, the corresponding model name was left blank. The sample model name mask was set. Once you press ENTER a list of sample models is shown:

- FC CA Fast Check-1 step; model name DMPTIFC*; sample models DMPTIFC*
- FI CA Fast Index-1 step; model name DMPTIFI*; sample models DMPTIFI*
- LX CA Fast Load-x steps; model name DMPTILX*; sample models DMPTILX*
- FL CA Fast Load-1 step; model name DMPTIFL*; sample models DMPTIFL*
- FR CA Fast Recover-x steps; model name DMPTIFR*; sample models DMPTIFR*
- UX CA Fast Unload-x steps; model name DMPTIUX*; sample models DMPTIUX*
- FU CA Fast Unload-1 steps; model name DMPTIFU*; sample models DMPTIFU*
- MC Merge Copy component of CA Merge/Modify-x steps; model name DMPTIMC*; sample models DMPTIMC*
- MM CA Merge/Modify-x steps; model name DMPTIMM*; sample models DMPTIMM*
- PC Proc Command-1/x steps; model name DMPTIPC*; sample models DMPTIPC*
- CX CA Quick Copy-x steps; model name DMPTICX*; sample models DMPTICX*
- QC CA Quick Copy-1 step; model name DMPTIQC*; sample models DMPTIQC*
- RX CA Rapid Reorg-x steps; model name DMPTIRX*; sample models DMPTIRX*
- RR CA Rapid Reorg-1 step; model name DMPTIRR*; sample models DMPTIRR*

RAP270E**NOT LICENSED FOR QUICK COPY, DU NOT VALID FOR PQC****Reason:**

DU action Utility code is common to all CA DB2 utilities. The cross reference between each possible selection and CA DB2 utility license required are as follows:

- QC (CA Quick Copy)
- RR (CA Rapid Reorg 1 Step)
- RX (CA Rapid Reorg x Steps)
- FR (CA Fast Recover)
- FL (CA Fast Load 1 Step)
- LX (CA Fast Load x Steps)
- FU (CA Fast Unload 1 Step)
- UX (CA Fast Unload x Steps)
- FC (CA Fast Check)
- MC (the MERGECOPY function of CA Merge/Modify)
- MM (CA Merge/Modify)
- FB (CA Fast Index)

RAP271E**NOT LICENSED FOR ONLINE REORG, DU NOT VALID FOR PRR****Reason:**

DU action Utility code is common to all CA Utilities. The cross reference between each possible selection and CA DB2 utility license required are as follows:

- QC (CA Quick Copy)
- RR (CA Rapid Reorg 1 Step)
- RX (CA Rapid Reorg x Steps)
- FR (CA Fast Recover)
- FL (CA Fast Load 1 Step)
- LX (CA Fast Load) x Steps)
- FU (CA Fast Unload 1 Step)
- UX (CA Fast Unload x Steps)

- FC (CA Fast Check)
- MC (the MERGECOPY function of CA Merge/Modify)
- MM (CA Merge/Modify)
- FB (CA Fast Index)

RAP272E

NOT LICENSED FOR FAST RECOVER, DU NOT VALID FOR PFR

Reason:

DU action Utility code is common to all CA Utilities. The cross reference between each possible selection and CA DB2 utility license required are as follows:

- QC (CA Quick Copy)
- RR (CA Rapid Reorg 1 Step)
- RX (CA Rapid Reorg x Steps)
- FR (CA Fast Recover)
- FL (CA Fast Load 1 Step)
- LX (CA Fast Load) x Steps)
- FU (CA Fast Unload 1 Step)
- UX (CA Fast Unload x Steps)
- FC (CA Fast Check)
- MC (the MERGECOPY function of CA Merge/Modify)
- MM (CA Merge/Modify)
- FB (CA Fast Index)

RAP273E

NOT LICENSED FOR FAST LOAD, DU NOT VALID FOR PFL

Reason:

DU action Utility code is common to all CA Utilities. The cross reference between each possible selection and CA DB2 utility license required are as follows:

- QC (CA Quick Copy)
- RR (CA Rapid Reorg 1 Step)
- RX (CA Rapid Reorg x Steps)
- FR (CA Fast Recover)

- FL (CA Fast Load 1 Step)
- LX (CA Fast Load) x Steps)
- FU (CA Fast Unload 1 Step)
- UX (CA Fast Unload x Steps)
- FC (CA Fast Check)
- MC (the MERGECOPY function of CA Merge/Modify)
- MM (CA Merge/Modify)
- FB (CA Fast Index)

RAP274E

NOT LICENSED FOR FAST UNLOAD, DU NOT VALID FOR PFU

Reason:

DU action Utility code is common to all CA Utilities. The cross reference between each possible selection and CA DB2 utility license required are as follows:

- QC (CA Quick Copy)
- RR (CA Rapid Reorg 1 Step)
- RX (CA Rapid Reorg x Steps)
- FR (CA Fast Recover)
- FL (CA Fast Load 1 Step)
- LX (CA Fast Load) x Steps)
- FU (CA Fast Unload 1 Step)
- UX (CA Fast Unload x Steps)
- FC (CA Fast Check)
- MC (the MERGECOPY function of CA Merge/Modify)
- MM (CA Merge/Modify)
- FB (CA Fast Index)

RAP275E

NOT LICENSED FOR FAST CHECK, DU NOT VALID FOR PFC

Reason:

DU action Utility code is common to all CA Utilities. The cross reference between each possible selection and CA DB2 utility license required are as follows:

- QC (CA Quick Copy)
- RR (CA Rapid Reorg 1 Step)
- RX (CA Rapid Reorg x Steps)
- FR (CA Fast Recover)
- FL (CA Fast Load 1 Step)
- LX (CA Fast Load) x Steps)
- FU (CA Fast Unload 1 Step)
- UX (CA Fast Unload x Steps)
- FC (CA Fast Check)
- MC (the MERGECOPY function of CA Merge/Modify)
- MM (CA Merge/Modify)
- FB (CA Fast Index)

RAP276E

NOT LICENSED FOR MERGE MODIFY, DU NOT VALID FOR PMM

Reason:

DU action Utility code is common to all CA Utilities. The cross reference between each possible selection and CA DB2 utility license required are as follows:

- QC (CA Quick Copy)
- RR (CA Rapid Reorg 1 Step)
- RX (CA Rapid Reorg x Steps)
- FR (CA Fast Recover)
- FL (CA Fast Load 1 Step)
- LX (CA Fast Load) x Steps)
- FU (CA Fast Unload 1 Step)
- UX (CA Fast Unload x Steps)

- FC (CA Fast Check)
- MC (the MERGECOPY function of CA Merge/Modify)
- MM (CA Merge/Modify)
- FB (CA Fast Index)

RAP276E

NOT LICENSED FOR MERGE MODIFY, DU NOT VALID FOR PMM.

Reason:

The Utility Code called_Z generates JCL for most CA Utilities. Dedicated DU symbolic variables are available and can be used directly in models specified at action Procedure definition time.

DU related Utility Codes available when building an action procedure are as follows:

- QC/CX for CA Quick Copy
- FR for CA Fast Recover
- FC for CA Fast Check
- RR/RX for CA Rapid Reorg
- MC for MERGE COPY function of CA Merge/Modify
- FI for CA Fast Index
- FU/UX for CA Fast Unload
- MM for CA Merge/Modify
- PC for the Proc Command
- FL/LX for CA Fast Load

Panels related to QC and UR Utility Codes can be accessed for transition purposes only. Extract will receive a RC=8. Conversion analysis reports are provided to help you convert existing QC/UR definitions. See members beginning with RALCV in &SRCLIB1.

Action:

To temporarily change the RC=8 to RC=4 to allow for production conversions, the JCL can be created with the profile setting œFatal Abend ==> YES". The flag bit for this option in existing JCL is in the first '00' control card and is bit x'10' in column 31. This should be used as a last resort.

RAP277E

FLOATING POINT NUMBER SPECIFICATION ERROR. PRESS HELP FOR DETAILS.

Reason:

A "new value" has not been not specified properly. The new value pertains to a floating point column and may be specified in one of two ways.

The following examples represent the number 123,456,000:

A floating point number: +0.123456E+09 where the plus sign (+) represents a plus sign (+) or a dash (-).

A non-floating point number: 123,456K, where K represents 3 missing digits, M represents 6 missing digits, G represents 9 missing digits, and T represents 12 missing digits.

The new value cannot be greater than 999,999,999,999,999.

RAP278E

NOT LICENSED FOR FAST BUILD INDEX, DU NOT VALID FOR PFI

Reason:

DU action Utility code is common to all CA Utilities. You can find below the cross reference between each possible selection and CA Utility License required.

- QC (CA Quick Copy)
- RR (CA Rapid Reorg 1 Step)
- RX (CA Rapid Reorg x Steps)
- FR (CA Fast Recover)
- FL (CA Fast Load 1 Step)
- LX (CA Fast Load) x Steps)
- FU (CA Fast Unload 1 Step)
- UX (CA Fast Unload x Steps)
- FC (CA Fast Check)
- MC (MERGE COPY component of CA Merge/Modify)
- MM (CA Merge/Modify)
- FB (CA Fast Index)

RAP279E**1 STEP AND X STEPS OPTIONS CANNOT BE MIXED. PRESS HELP FOR DETAILS.****Reason:**

There are two types of DU Utility Codes. When using type:

- 1 STEP-One step will be generated for the tablespace or for all partitions flagged as SELECTED during Action: Condition processing. Valid choices for this option are: RR, FL, FU, FI, and FC.
- x STEPS-One step will be generated for the tablespace or for each partition flagged as SELECTED during Action: Condition processing. Valid choices for this option are: QC, CX, RX, LX, UX, FR, MC, MM, and PC .

When you try to mix 1 STEP and x STEPS in one action Procedure, the program can detect this and let you know. However, if you tie one action Procedure with 1 STEP to an Execution Procedure and also tie a second action Procedure with x STEPS, the program will not detect this until the Extract is executed. A fatal abend message will be displayed in the PTIMSG output DD. If the Profile option Fatal Abend has been set to YES, then you will receive a USER Abend U523.

RAP280E**INTERNAL CONSISTENCY CHECK FAILED. PRESS HELP FOR INFO.****Reason:**

While processing the action Condition panel, an internal consistency check failed. A panel detail line entry did not match the internal control block structure.

This should never happen and would indicate a problem which could lead to action Condition processing not working correctly for this action Procedure.

Action:

CANCEL out of action Procedure changes so that nothing is corrupted.

Recreate the situation and keep track of exactly what steps were done to get to the error.

RAP281I

IBM OBJECTS WOULD BE SELECTED WITH THE EXECUTION TIME WILDCARDING CRITERIA GIVEN. AT EXECUTION TIME, HOWEVER, ANY DATABASE BEGINNING WITH DSN WILL BE IGNORED. ANY USER OBJECTS' MEETING YOUR GIVEN CRITERIA WILL STILL BE PROCESSED. NO ACTION REQUIRED.

Reason:

IBM objects would be selected with the execution time wildcarding criteria given. At execution time, however, any database beginning with DSN will be ignored. Any user objects' meeting your given criteria will still be processed.

Action:

None.

RAP282I

THIS IS AN INFORMATIONAL MESSAGE. IT WILL BE DISPLAYED acondcnt MORE TIME(S). THE OPTIONS ON THIS SCREEN HAVE BEEN CHANGED CONSIDERABLY FOR PDA VERSION 2.5. THE MOST NOTICEABLE CHANGE IS THAT THE CONDITION COLUMN IS AUTOMATICALLY SET. THIS IS ONLY DONE TO SHOW NEW USERS WHAT VALUES ARE COMMONLY USED. ALL THESE ACTION CONDITIONS ARE NOT ACTUALLY SELECTED. IN ORDER TO SELECT ONE OF THESE, PLACE A "S" NEXT TO THE ACTION CONDITION UNDER THE (O)PTION COLUMN.

RAP283E

"aconcolt" IS THE WRONG COLUMN TYPE FOR COLUMN NAME aconcoln SO IT WAS CORRECTED. PRESS PF1 OR ENTER HELP FOR MORE INFORMATION.

RAP284E

aconcoln COULD NOT BE FOUND IN SYSCOLUMNS. PLEASE SPECIFY A COLUMN NAME FOUND IN THE RATS, RAIX OR RAUT PREFIXED PDA TABLES. PRESS PF1 OR ENTER HELP FOR MORE INFORMATION.

RAP285I

COLUMN TYPE NOT SPECIFIED. PDA OBTAINED COLUMN TYPE "aconcolt" FOR COLUMN NAME aconcoln. PRESS PF1 OR ENTER HELP FOR MORE INFORMATION.

RAP286E

INVALID CONDITION FORMAT. PRESS HELP FOR DETAILS.

Reason:

Message RAP286E displays if the condition value specified is not in a format that PDA can efficiently process or if it does not appear to be valid. For example, it is not valid to select a (TS) condition and enter a RAIX statistics column name as its qualifier.

The format should be as follows:

- *column_type,column_func(column_name)*
- *column_func(column_name),column_type*

where *column_type* is 1 character and is not required to be entered by the user. If it is not specified, the information is obtained from the SYSIBM.SYSCOLUMNS table.

For (TS) conditions, a column name must have a "RATS_" or "UTL_" prefix. Examples:

- I,SUM(RATS_ROWS_TOTAL)
- MAX(RATS_PAGES_REORG),I
- S,AVG(RATS_EXTENTS)
- D,MIN(UTL_ELAPSED_TIME)

For (IX) Conditions a column name must have an "RAIX_" or "UTL_" prefix. Examples:

- F,AVG(RAIX_CLUSTERRATIOF)
- SUM(RAIX_KEYS_F),F

For (TS/IX) Conditions the COUNT column function can be used to determine the number of partitions that have statistics rows. This value can also be compared to the PARTTOT symbolic in the users model and different processing can be done if all statistics are unavailable.

RAP287E

COLUMN FUNCTION IS NOT SUPPORTED. PRESS HELP FOR DETAILS

Reason:

Message RAP287E displays if the condition value specified appears to be invalid or unhelpful in obtaining useful information from action JCL generation.

To avoid potential overhead related to its SQL execution, some combinations are not allowed for use.

The following are examples of invalid combinations:

- (TS) Conditions of C,AVG(RATS_DBNAME) or V,MAX(UTL_CMD_TEXT)
- (IX) Conditions of C,MAX(RAIX_CREATOR) or V,MIN(UTL_CMD_TEXT)

Examples of valid and useful combinations:

- (TS) Conditions
 - I,SUM(RATS_ROWS_TOTAL)
 - I,SUM(RATS_PAGES_REORG)
 - S,AVG(RATS_EXTENTS)
 - D,MAX(UTL_ELAPSED_TIME)
- (IX) Conditions
 - F,AVG(RAIX_CLUSTERRATIOF)
 - SUM(RAIX_KEYS_F),F

For (TS/IX) Conditions the COUNT column function can be used to determine the number of partitions that have statistics rows. This value can also be compared to the PARTTOT symbolic in the users model and different processing can be done if all statistics are unavailable.

RAP288E

INVALID CONDITION COMBINATION. PRESS HELP FOR DETAILS.

Reason:

Message RAP288E displays if the condition value specified does not appear to be a valid setup for logical action Condition processing.

This is probably because both partition level (TS/IX) and non-partition level (TSP/IXP) action Conditions are being combined.

The default TS/IX conditions (RAAACTB) and User Customized TS/IX conditions (RAAACTB2) are always evaluated on a per partition basis. In that case, step JCL can be generated for each processed partition during action Condition evaluation and JCL generation.

The default TSP/IXP conditions (RAAACTB1) and User Customized TSP/IXP conditions (RAAACTB3) are always evaluated at a higher level. With these conditions (TSP/IXP) all partitions are evaluated at once. In that case step JCL is only generated once for the entire partitioned tablespace or index during action Condition evaluation and JCL generation.

In others words, it is illogical to mix both types of conditions because action JCL will then be generated for two different approaches:

- Action JCL that works on objects at the index/tablespace level and
- Action JCL that works on objects at the index/tablespace partition level.

RAP291E

VALID OPTIONS: (A)LL , (I)NDEX, (U)PDATE OR (N)ONE

Reason:

States that an invalid option has been selected.

Action:

You can choose from one of these four options: A for All, I for Index, U for Update or N for None.

- Use I to gather index columns statistics. Indexes should be selected in the Extract, specifically or using an autobuild at the database or tablespace level.
- Use A to gather all columns statistics. Tables should be selected in the Extract, specifically or using an autobuild at the database or tablespace level.
- Use U to update index column collection options. This is only available on DB2 V5 or greater systems. Additional index column statistics options are: 1) Number of columns of an index to gather statistics on and 2) Number of frequency values to collect.

RAP292E

LINK TO RALPLANS FAILED. TECH SUPPORT SHOULD BE CALLED.

Reason:

States that a LINK invocation failed when linking to load module RALPLANS. This could be because of a virtual storage shortage, RALPLANS not being found or unforeseen error.

Action:

For assistance, contact CA Support at <http://ca.com/support>.

RAP293I

CAUTION: PDA 2.5 HAS TOLERATION ONLY SUPPORT FOR DB2V6. THE FOLLOWING OBJECT (OR A RELATED OBJECT) WAS FOUND TO HAVE A DB2V6 FEATURE 'obj_name'.

PRESS PF1 (Help) WHILE THIS MESSAGE IS DISPLAYED FOR MORE DETAILS.

Reason:

The following table displays what is supported in CA Database Analyzer for page display, utility manager, extracts, and online catalog update:

DB2 V6 Feature	Page Display	Utility Manager	Extracts	Online Catalog Update
new DB2 cols	n/a	n/a	Tolerated	Tolerated
LOB Ind cols	Tolerated	n/a	Tolerated	n/a
ROWID	Tolerated	n/a	Tolerated	n/a
UDT on LOB Ind	Tolerated	n/a	Tolerated	n/a
UDT on ROWID	Tolerated	n/a	Tolerated	n/a
UDT on others	Tolerated	n/a	Tolerated	n/a
LOB objects	Bypass TS	n/a	Bypassed	n/a
TRACKMODNO	Tolerated	n/a	Tolerated	n/a
Member Cluster	Bypass TS	n/a	Bypassed	n/a
PGSIZE 8/16KB	Bypass TS	n/a	Bypassed	n/a
DSSIZE > 0	Bypass TS	n/a	Bypassed	n/a
IX COPY YES	n/a	n/a	Tolerated	n/a
REBUILD IXs	n/a	Tolerated	Tolerated	n/a

Page Display reads the physical data set related to the DB2 object and displays the data in hex or character. A DB2 row can also be formatted, which will display the row broken down by column type. Page Display can process some objects with DB2v6 features. For object being bypassed, use the DB2v6 DSN1PRNT utility with the necessary keyword.

Tolerated:

- LOB Indicator columns in the base table are treated as a VARCHAR(4).
- ROWID columns are treated as a VARCHAR(17)
- UDT columns are treated like the base column type they are created on.
- Tablespaces created with TRACKMOD NO do not affect Page Display.
- LOB Indicator columns in the base table are treated as a VARCHAR(4).

Bypassed:

- LOB tablespaces and auxiliary indexes are in new physical formats.

Tablespaces created with MEMBER CLUSTER cause space map pages to be 199 data pages apart.

- Tablespaces in 8 or 16 KB pages sizes are in new physical formats.
- Tablespaces with a DSSIZE > 0 are in new physical formats.

Extracts read the physical data set(s) related to the DB2 object when collecting statistics. The individual row columns can be processed when collecting column statistics. Extracts can process some objects with DB2 V6 features.

Tolerated:

- LOB Indicator columns in the base table are treated as a VARCHAR(4).
- ROWID columns are treated as a VARCHAR(17).
- UDT columns are treated like the base column type they are created on.
- DB2 catalog statistics new for DB2v6 are also updated for compatibility.

See the help related toCHONLCU2 for more details. Rebuild index syntax is properly generated for backward compatibility.

Bypassed:

- Tablespaces created with TRACKMOD NO affects space map page processing.
- LOB tablespaces and auxiliary indexes are in new physical formats.
- Tablespaces created with MEMBER CLUSTER cause space map pages to be 199 data pages apart, which will affect audits and space map scans.
- Tablespaces in 8 or 16 KB pages sizes are in new physical formats.
- Tablespaces with a DSSIZE > 0 are in new physical formats.

Utility Manager is generally used to create ad hoc utility JCL. Unlike Extract collection or Page Display, it does not read any user objects.

Utility Manager will allow ALL objects to be processed regardless of whether or not they exploit any new DB2 V6 features. This is strictly being allowed because utility generation is not affected by any new DB2 V6 features. As an example, generating RUNSTATS or image copies to tape should work for any object. REBUILD index will be generated for compatibility.

Warning! Any utility generated by a model that contains a space-related symbolic such as, REORGP, RRSYSREC, or ROSYSUT1 may not work. Normally, the program will use accurate statistics in the statistics table when resolving space symbolics. Since there are objects that Extract collections will bypass, there will be no statistics for those objects. When no statistics exist, the program will use the next best values from the DB2 catalog. NACTIVE in SYSTABLESPACE set by RUNSTATS is used when tablespaces are being processed. However, this is not a partition-level value. If the utility being generated is for individual partitions, the model may need to divide the space symbolic by the symbolic PARTTOT to get a closer estimate. SPACE in SYSINDEXES set by STOSPACE is used when indexes are being processed.

On-line Catalog Update allows a user to interactively update DB2 catalog statistics. The DB2 catalog has new statistics values that may be used by the DB2 optimizer. These new columns are set using the corresponding old column values. CLUSTERED is also being set based on CLUSTERRATIO.

The following are SYSSTATS (Partition level statistics):

- SYSTABSTATS
 - CARDF=CARD
- SYSINDEXSTATS
 - FIRSTKEYCARD=FIRSTKEYCARD
 - FULLKEYCARDF=FULLKEYCARD
 - KEYCOUNTF=-1 (causes KEYCOUNT to be used)
 - CLUSTERRATIOF=(CLUSTERRATIO / 100)

The following are SYSDBASE (Aggregate or Non-Partition level statistics):

- SYSTABLESPACE
 - NACTIVEF=NACTIVE
- SYSINDEXES
 - CLUSTERRATIOF=(CLUSTERRATIO / 100)
 - CLUSTERED=Y/N (Y - CLUSTERRATIO >= 95 percent)

RAP294E

A CREATOR FIELD WAS SPECIFIED WITHOUT AN OBJECT NAME.

Reason:

You have entered a creator name without a corresponding object name.

Action:

Enter an associated object name or remove the creator name.

RAP295E

AN UNKNOWN VOLUME NAME WAS SPECIFIED. PRESS PF1.

Reason:

You have entered an unknown volume name. You must enter the exact name of the volume in the Object Name field. When you select a volume, it will only include the objects located on the subsystem you are using.

Action:

If the volume entered will be added later, you may continue and the Extract will be stored. If the volume does not exist when the Extract is submitted it will end with a non zero return code.

RAP296E

VALUE FOR THE WIDTH OF FORMATTED SQL LINE IS INVALID.

Action:

Enter a value in the range of 35 - 80, which will be used as the maximum width when formatting the SQL.

RAP297E

HELP FOR SELECTED Action: CONDITION WAS NOT FOUND. PRESS PF1.

Reason:

The line command "H" was used to get help for an action Condition but the corresponding help panel was not found or the program received a non-zero return code from ISPTUTOR.

Action:

If this was user defined help panel that was specified in the RAAACTB2 or RAAACTB3 action Condition table using the assembler macro ACTBXPND HELPPNL='userhelp', then correct panel "userhelp".

RAP298E

AN ERROR OCCURED WHILE FORMATTING THE SQL. PRESS PF1.

Reason:

An error occurred while formatting the action Condition SQL. The error was intercepted and the SQL was displayed unformatted.

Action:

If this was a user defined SQL action Condition, verify that the SQL is formatted correctly by executing it. If it is incorrect then correct it and try the operation again. If it was correct, contact Technical Support.

RAP299I

PAGE DISPLAY HAS DETECTED THAT THE ZAP TO DISABLE PLAN AUTHORIZATION FOR PAGE DISPLAY HAS BEEN ACTIVATED. THIS SITUATION SHOULD ONLY OCCUR IF DB2 IS DOWN AND YOU ARE USING PAGE DISPLAY TO ACCESS SOME DB2 OBJECTS. IF THIS IS NOT YOUR SITUATION, YOU SHOULD CONTACT YOUR DBA OR SYSTEMS PROGRAMMER IMMEDIATELY. YOUR ACCESS TO PAGE DISPLAY IS BEING WRITTEN TO THE SYSTEM LOG. ACCESS METHOD (C)ATALOG, IS NOT VALID WHILE YOU ARE IN THIS MODE.

RAP300E

INTERNAL ERROR HAS BEEN DETECTED. PRESS HELP FOR DETAILS

Reason:

Appears when an internal error has been detected.

Action:

First, print this screen. Second, document the steps you took up until this error occurred. Next, go to the Profile (Main Menu option) and change the Fatal Abend setting to YES. Attempt to recreate the abend from the steps you documented. Print any additional messages that may appear.

RAP301E**INTERNAL ERROR HAS BEEN DETECTED. PRESS HELP FOR DETAILS****Reason:**

Appears when an internal error has been detected.

Action:

First, print this screen. Second, document the steps you took up until this error occurred. Next, go to the Profile (Main Menu option) and change the Fatal Abend setting to YES. Attempt to recreate the abend from the steps you documented. Print any additional messages that may appear.

RAP302E**QUICK COPY IS NOT INSTALLED. PRESS HELP FOR DETAILS****Reason:**

The CA Utility product you have selected for the DU Utility Code has not been installed. The selected CA Utility must be installed and have a valid license.

RAP303E**ONLINE REORG IS NOT INSTALLED. PRESS HELP FOR DETAILS****Reason:**

The CA Utility product you have selected for the DU Utility Code has not been installed. The selected CA Utility must be installed and have a valid license.

RAP304E**FAST RECOVER IS NOT INSTALLED. PRESS HELP FOR DETAILS****Reason:**

The CA Utility product you have selected for the DU Utility Code has not been installed. The selected CA Utility must be installed and have a valid license.

RAP305E**FAST LOAD IS NOT INSTALLED. PRESS HELP FOR DETAILS****Reason:**

The CA Utility product you have selected for the DU Utility Code has not been installed. The selected CA Utility must be installed and have a valid license.

RAP306E

FAST UNLOAD IS NOT INSTALLED. PRESS HELP FOR DETAILS

Reason:

The CA Utility product you have selected for the DU Utility Code has not been installed.
The selected CA Utility must be installed and have a valid license.

RAP307E

FAST CHECK IS NOT INSTALLED. PRESS HELP FOR DETAILS

Reason:

The CA Utility product you have selected for the DU Utility Code has not been installed.
The selected CA Utility must be installed and have a valid license.

RAP308E

MERGE MODIFY IS NOT INSTALLED. PRESS HELP FOR DETAILS

Reason:

The CA Utility product you have selected for the DU Utility Code has not been installed.
The selected CA Utility must be installed and have a valid license.

RAP309E

FAST BUILD INDEX IS NOT INSTALLED. PRESS HELP FOR DETAILS

Reason:

The CA Utility product you have selected for the DU Utility Code has not been installed.
The selected CA Utility must be installed and have a valid license.

RAP310E

DU SYMBOLIC VARIABLES USE IS RESTRICTED. PRESS HELP FOR DETAILS

Reason:

Appears when a problem was found processing the action Procedure symbolics.

DU symbolics variables can be used only in models set for DU action utility code. In others words, normal use of those symbolic variables is dedicated to CA Utilities JCL generation. DU symbolic variables can be used for utility codes you can access using DU panel(RAPUBDU): QC, CX, RR, RX, PC, MM, MC, FU, UX, FR, FL, LX, FI, and FC. Some DU symbolics can be used only for a given CA Utility Product. Any others uses will not be supported.

Action:

To correct this problem, update the Model by removing all DU Symbolic variables in it. By doing this, all action Procedures and related Extract Procedures will be executable again. Since no tables must be updated, it is easiest to edit the Model using ISPF function(3.4).

RAP311I

ALTER INDEX CARDS WILL NOT BE MOVED AS DB2 RELEASE IS LESS THAN V5. PRESS HELP FOR ADDITIONAL DETAILS.

Reason:

RAP311I is an informational message that you have selected an AL utility code and your DB2 release is less than Version 5. The AL (ALTER) utility code is designed so that it will not require the use of the CP (Command Processor) utility code to -STOP the objects. If you intend for the ALTER INDEX control cards to be moved to the ALTER TABLESPACE step (presumably before the REORG TABLESPACE step), then you minimally must be using DB2 V5 with IBM PTF UQ06309 applied. If you are using DB2 V6, then PTF UQ06309 is included in the base code of V6.

RAP312I

proc_type PROCEDURE stor_proc COPIED AT L_sys BUT Action: PROCEDURE(S) CANNOT BE COPIED. PRESS HELP FOR DETAILS.

Reason:

Informational message%RAP312I+displays when COPY processing cannot be fully completed. The Extract Procedure has been copied to the target SSID but the action Procedures could not be.

If one of the existing action Procedures cannot be copied because of the defined security rules, then NO action Procedures will be copied.

Action:

The Extract Procedure was successfully copied. You must determine which action Procedure could not be overridden on the target SSID based on the procedures creator and share options. See Proc Creator option on the Profile screen and review the help associated with that option.

RAP313E

PROCTYPE proc_name stor_proc MISSING ATL_sys - PRESS HELP FOR ADDITIONAL DETAILS

Reason:

Error message RAP313E displays when the COPY processing cannot be fully completed. The Execution Procedure cannot be copied because the related Extract or Report Procedure does not exist on the Target SSID. The original error message indicates which Extract or Report Procedure is missing.

Action:

The Extract and Report Procedures defined in the Execution Procedure on the Source SSID must be defined on the Target SSID before the COPY function for the Execution Procedure will process.

RAP314I

PAGE DISPLAY DOES NOT SUPPORT LOB TABLESPACES. THE INTERNAL CONTENTS OF THESE TABLESPACES CAN BE VIEWED BY USING THE DB2 UTILITY DSN1PRNT.

Reason:

RAP314I is an informational message stating that Page Display does not support LOB tablespaces. The internal contents of these tablespaces can be viewed by using the DB2 utility DSN1PRNT. Use the JCL PARM LOB to tell the utility that the tablespace is a LOB.

RAP315I

RAIX_CLUSTERATIO IS NO LONGER VALID AND WAS REPLACED BY FLOATING POINT COLUMN RAIX_CLUSTERATIOF. YOUR INPUT HAS BEEN CHANGED AUTOMATICALLY. PRESS PF1 OR ENTER HELP FOR MORE INFORMATION.

Floating point cluster ratio columns are supported:

SYSIBM.SYSINDEXES CLUSTERATIOF

SYSIBM.SYSINDEXSTATS CLUSTERATIOF

The following floating point column has been added to CA Database Analyzer:

PTI.RAIX_STATS_XXXX RAIX_CLUSTERATIOF

- RAIX_CLUSTERATIO column is no longer allowed because that non-floating point column will be removed in future versions.
- RAIX_CLUSTERATIOF will be substituted for your input. The value in model symbolics USER1-USER4 will still be a 2 digit value which can be used in a model's #IF logic or in CALC logic without affecting existing implementations.
- RAP316E - CLUSTERATIO IS A PERCENTAGE IN THE RANGE OF 0 - 100. PRESS PF1 OR ENTER HELP FOR MORE INFORMATION.

Floating point cluster ratio columns are supported:

SYSIBM.SYSINDEXES-CLUSTERATIOF

SYSIBM.SYSINDEXSTATS-CLUSTERATIOF

Version 2.6 added a corresponding floating point column:

PTI.RAIX_STATS_XXXX-RAIX_CLUSTERATIOF

RAIX_CLUSTERATIO column will be removed in future versions.

RAIX_CLUSTERATIOF is the new floating point column implemented.

You can enter a numeric value up to seven digits of precision to the right of the decimal place. (i.e., 90.1234567).

RAP318E

CLUSTERATIO ENTERED VALUE IS INVALID. PRESS PF1 OR ENTER HELP FOR MORE INFORMATION.

Reason:

Error message RAP318E displays when the value entered is invalid.

Action:

Enter a valid whole number within the range of 0-100.

RAP319E

Action: REQUESTED IS NOT SUPPORTED. PRESS HELP FOR DETAILS

Reason:

Error message RAP319E displays when trying an action Procedure at object level for an Extract Procedure defined at Stogroup or VOLUME level, this is currently NOT supported.

RAP329E

PDA verification found a situation that would appear to indicate new PDA tables are being run with old load libraries. Press PF1/HELP while this message is displayed for more details. Found version=rxx SPx but expected to find version=rxx SPx. Verification was done using SSID=xxxx and Location=xxxxx while on z/OS system=xxxx.

Reason:

The Auto Stats maintenance row contains a product version number that is higher than the internal version of the product being used. This situation can occur when you execute an older CA Database Analyzer release and it accesses CA Database Analyzer tables from a newer release.

The "found version" shown in the message refers to the CA Database Analyzer tables that were accessed. The "expected to find version" shown in the message refers to the load libraries that were used.

Action:

Verify that you are using the correct load libraries and aliases.

RAP990I

THE REQUESTED FUNCTION IS CURRENTLY NOT AVAILABLE.

RAQ Messages

Messages with the RAQ prefix are generated from CA Database Analyzer.

RAQ000E

QUERY OPTION SELECTED IS NOT IN QUERY LIST.

Reason:

An invalid query option has been selected from the Query List.

Action:

See the Tablespace/Table Queries screen or the Indexspace Queries screen for a list of valid queries.

RAQ001E

OPTION SELECTED IS NOT IN OPTION LIST.

Reason:

The format option selected is not valid.

Action:

Choose one of these valid options: D for Detail, L for Latest, W for Weekly Summary, Y for Yearly Summary, or M for Monthly Summary.

RAQ002E

INVALID DATE DETECTED DURING WEEK ENDING PROCESSING.

Reason:

An invalid date was detected on a table during week ending processing.

Action:

Make a note of the name of the current object and the requested query number.

RAQ003I

QUERY PRINTED.

Reason:

This message lets you know that QPRINT was successfully executed.

RAQ004E

QUERY PRINT FAILED DURING OPEN PROCESS OF "PTIPRT".

Reason:

Indicates that your Query Print request failed due to an OPEN failure.

Action:

Examine the Profile panel and the Print Parameter specifications on Query's facility's Main panel to ensure the validity of the print parameters.

RAQ005E

QUERY PRINT FAILED DURING ALLOCATION OF "PTIPRT".

Reason:

The Query Facility displays this message after a QRYPRINT command has been issued to print a report and the ALLOCATION of the print data set has failed.

Action:

Examine the Main Profile panel and the Print Parameter specifications on Query Facility's Main panel to ensure the validity of the print parameters.

RAQ006E

QUERY PRINT FAILED DURING DEALLOCATION OF "PTIPRT".

Reason:

The Query Facility will display this message after a QRYPRINT command has been issued to print a report and the deallocation of the print data set has failed.

Action:

Examine the Main Profile panel and the Print Parameter specifications on Query Facility's Main panel to ensure the validity of the print parameters.

RAQ007E

OPTION SELECTED REQUIRES COMPLETE NAME.

Reason:

This message will be displayed by Query Facility when a Tablespace or Indexspace Detail Volume Analysis report is requested and no volume has been specified.

Action:

If you are on the tablespace or indexspace Main Menu, enter the volume name in the Database field. If you are on the Volume Analysis Report screen, enter the volume name in the Volume field.

RAQ008E

LINES PER PAGES MUST BE AT LEAST 6.

Reason:

The lines per page value is less than 6 lines.

Action:

Correct this by specifying a lines per page value of at least 6 lines.

RAQ009E

DB2 SYSID FOR STATISTICS DATABASE IS REQUIRED.

Action:

Enter the ID of the DB2 subsystem that contains the Statistics database.

RAQ010I

SELECTED EQF NAME WAS NOT FOUND FOR THIS QUERY - SELECTION IGNORED.

Reason:

Informs you that the selected EQF name for the Query was not found. Because the EQF was not found, the EQF request will be ignored.

RAQ011E

VALID CMDS: CAN, MAIN, EXIT, END, QPRINT, OR ? FOR CMD LIST.

Reason:

An invalid command has been entered.

Action:

Select one of these commands: CAN, MAIN, EXIT, END, QPRINT, or ? for the command listing.

RAQ012I

SPACE MAP AND ACTUAL COUNTS MAY VARY FOR DSNDB01 TABLESPACES.

Reason:

Indicates that the counts for the number of pages which are full or can fit a large, small, or average row may differ for tablespaces which are contained in DSNDB01. Because the directory tables are accessed using hashes, links, and indexes (and not using the space map), the space map may not reflect the true status of a page. The information for the counts according to the space map and the counts according to the amount of freespace in the page displays because it is a statistic which is normally collected. Any discrepancies do not mean that the directory is incorrect.

RAQ013E

QPRINT FAILED - CHECK PROFILE PARMS.

Reason:

The QPRINT request has failed due to invalid profile parameters.

Action:

Return to the main menu and select option P for the Profile, then G for the Global Profile, and then 4 for the Print Parameters Profile. Check the printline size for the Print Parameters Profile.

RAQ014E

REPORT OPTION SELECTED MUST BE Q, G, T, OR F.

Reason:

An invalid report option has been entered.

Action:

Specify one of the following valid values:

- Q-Query
- G-Graph
- F-Forecast
- T-Trend Analysis

RAQ015E

VALID CMDS: CAN, MAIN, EXIT, END, OR RETURN.

Reason:

An invalid command has been entered.

Action:

Specify one of the following valid commands:

- (CAN)cel
- MAIN
- EXIT
- END
- RETURN

RAQ016E

INVALID RETURN CODE FROM PTLSCROL.

Reason:

An unexpected return code has been returned by the CA scrolling routines.

RAQ017E

ONE REPORT MUST BE SELECTED.

Reason:

More than one report has been selected or no report has been selected.

Action:

Select one report.

RAQ018E

BY NUMBER OR PERCENTAGE MUST BE SPECIFIED, BUT NOT BOTH.

Reason:

Criteria has been entered in both the number and percentage fields.

Action:

Enter values in only one type of field.

RAQ019E

IN THE LAST # MUST BE SPECIFIED.

Reason:

A number has not been entered in the Last # Of number field, where number represents a number.

Action:

Enter a number in this field.

RAQ020E

INVALID DATE - IT MUST BE A REAL DATE IN THE FORMAT date_format.

Reason:

An invalid value for the date format has been entered.

Action:

Specify valid values for the date format as follows:

- YY-87 thru 99
- MM-01 thru 12
- DD-01 thru the maximum day for a month

RAQ021E

INVALID DATE - IT MUST NOT BE LATER THAN TODAY.

Reason:

An invalid date has been entered.

Action:

Enter a date earlier than the current date.

RAQ022E

FORMAT OPTION CAN BE L OR 2 THRU 9 ONLY IF REPORT OPTION IS Q

Reason:

You have entered a Format Option of L or 2 to 9 and the Report Option is not Q.

This Query cannot present Graphs, forecasts, or Trends using the Latest option.

RAQ023E

BUT LESS THAN VALUE MUST NOT BE LESS THAN THE AT LEAST VALUE.

Reason:

A value for the Less Than field is larger than the "Greater Than" field. Increase the Greater Than value or decrease the Less Than value.

RAQ024E

INVALID START DATE - IT MUST BE BEFORE THE END DATE.

Reason:

The Start Date is later than the End Date.

Action:

Enter an earlier Start Date or enter a later End Date.

RAQ025E

NO DATA TO DISPLAY.

Reason:

No data meets the specified criteria.

Action:

Check that the correct selection criteria has been entered.

RAQ026E

ERROR SCALING THE GRAPH.

Reason:

An error has been detected while scaling the graph.

RAQ027E

ERROR LABELING THE X AXIS.

Reason:

An error has been detected while labeling the X axis.

RAQ028E

ERROR LABELING THE Y AXIS.

Reason:

An error has been detected while labeling the Y axis.

RAQ029E

ERROR PLOTTING POINTS ON THE GRAPH.

Reason:

An error has been detected while plotting the points on the graph.

RAQ030E

TARGET VALUE MUST BE SPECIFIED FOR SELECTED REPORT.

Reason:

The Target Value is required to generate the report.

Action:

Enter a Target Value for the forecast.

RAQ032E

FOR QUERY query_report, THE REPORT OPTION MUST BE Q.

Reason:

A value other than Q (Query) has been entered for a report that only supports the Query report.

Action:

Enter Q for the Report Option for this report.

RAQ033E

FOR QUERY query_report, THE REPORT OPTION MUST BE Q OR G.

Reason:

A value other than Q (Query) or G (Graph) has been entered for a report that only supports the Query and Graph reports.

Action:

Enter **Q** or **G** for the Report Option for this report.

RAQ034E

FOR QUERY 2, THE FORMAT OPTION MUST BE D,L,2,3,4,5,6,7,8,9

Reason:

A value other than D, L or 2 to 9 has been entered for Report 2. The volume reports can only support Detail, List and Latest formats.

RAQ035E

FOR QUERY query_report, THE FORMAT OPTION MUST BE L.

Reason:

A value other than L (Latest) has been entered for the report.

Action:

Enter **L** for the Format Option for this report.

RAQ036W

ROW(S) WITH INVALID RAVL_LAST_UPDATE DETECTED ON PTI.RAVL_STATS_XXXX.

Reason:

Appears after the display of a weekly query report. One or more rows on the PTI.RAVL_STATS_XXXX table have invalid data in the RAVL_LAST_UPDATE column.

Action:

You can use the following SQL to display these records:

```
SELECT * FROM PTI.RAVL_STATS_XXXX
WHERE SUBSTR (RAVL_UPDATE,1,2) < '88'
AND RAVL_TYPE='TS' and RAVL_DBNAME='dbname'
```

RAQ037W

ROW(S) WITH INVALID RATS_PAGE_TRK DETECTED ON PTI.RATS_STATS_XXXX.

Reason:

One or more rows on the PTI.RATS_STATS_XXXX table has invalid data in the RATS_PAGE_TRK column. The row(s) can be identified with a column value of BAD-DATA.

The RATS_PAGE_TRK column has been corrupted and now contains a zero or negative number.

Action:

To eliminate this condition, update this column with a valid pages per track value or simply change the SPACUNIT option to PAGES. The latter suggestion is intended only to be a temporary solution so that you can still get your report with little effort.

RAQ038W

ROW(S) WITH INVALID RAVL_PAGE_TRK DETECTED ON PTI.RAVL_STATS_XXXX

Reason:

One or more rows on the PTI.RAVL_STATS_XXXX table has invalid data in the RAVL_PAGE_RK column. The rows can be identified with a column value of BAD-DATA.

This will occur when the SPACUNIT parmlib option is set to TRACKS or CYLINDERS, and the space value must be converted from pages. This conversion needs a valid pages per track value, or a divide by zero will occur. Therefore, the space value cannot be calculated.

Action:

To eliminate this condition, update this column with a valid pages per track value or simply change the SPACUNIT option to PAGES. The latter suggestion is intended only to be a temporary solution so that you can still get your report with little effort.

RAQ039W

ROW WITH INVALID UTL_START_DATETIME DETECTED ON PTI.RAUT_HIST_XXXX.

Reason:

Appears after the display of a week utility history query report. This indicates that one or more rows on the PTI.RAUT_HIST_XXXX table have invalid data in the UTL_START_DATE column.

Action:

You can use the following SQL to display these records:

```
SELECT * FROM PTI.RAUT_HIST_XXXX
WHERE YEAR (UTL_START_DATETIME) < 1988
AND UTL__DBNAME='erdbname'and UTL_TSNAME='ertsname'
```

RAQ040E

THE FORMAT OPTION MUST BE D, L OR WITHIN RANGE 1 TO 9

Reason:

A value other than D, L or 1 to 9 for Utility History reports has been specified.

RAQ041E

FOR QUERY 3, THE FORMAT OPTION MUST BE D.

Reason:

An invalid value for Utility History report 3 was entered. D (Detail) is the only valid report option for the by Utility report.

RAQ042E

EQF NOT VALID FOR THIS REPORT BECAUSE NO SQL IS USED.

Reason:

This message appears when any value is entered for EQF but this is invalid for this report because SQL is not used.

Action:

Change value to a blank.

RAQ043I

Report has hyper link sensitive fields. Enter HELP for details

Reason:

When the cursor is placed on a hyper link sensitive field and Enter is pressed, a hyper link (or jump) is performed to another index report providing additional information related to the hyper link sensitive field. For example, if the cursor is placed anywhere within the PQTY-A field and ENTER is pressed, the object information input fields at the top of the panel (CREATOR, IXNAME, DBNAME, and TSNAME) are set to the current object that is being reported, and a hyper link is performed to the index Allocation Analysis report.

RAQ044I

Report has hyper link sensitive fields. Enter HELP for details

Reason:

When the cursor is placed on a hyper link sensitive field and ENTER is pressed, a hyper link (or jump) is performed to another tablespace report providing additional information related to the hyper link sensitive field. For example, if the cursor is placed anywhere within the PQTY-A field and ENTER is pressed, the object information input fields at the top of the panel (DBNAME, TSNAME, and PART) are set to the current object that is being reported, and a hyper link is performed to the tablespace Allocation Analysis report.

RAQ045W

Row(s) with invalid RAIX_PAGE_TRK detected. Enter HELP for details

Reason:

Appears when one or more rows on the table has invalid data in the RAIX_PAGE_TRK column. For these row(s), the program overrode the SPACUNIT parmlib option setting and used PAGES as the unit to at least provide useable report data. This(These) row(s) can be identified when the *index* name is high-lighted and the space unit in the first two column headers are changed to (PAGES).

RAQ046I

PF3 or CAnCel to return from hyper link.

Reason:

Indicates a hyper link (or jump) was performed to another report. This occurs when the cursor was placed on a hyper link sensitive field and the Enter key was pressed.

Action:

To terminate the hyper link and return to the report where the hyper link originated (Space Summary), enter the F3 (END) or CAnCel primary command.

Note: Other reports can be viewed by changing the Query panel field value to a valid query report number. If you select the Space Summary query report number, this will be processed the same as the END or CAnCel command terminating the hyper link and returning you to the Space Summary report.

RAQ047I

Return from hyper link - report restored.

Reason:

Indicates that a hyper link was terminated. The F3 (END) or CAnCel command to exit a report was entered while a hyper link was active. You are returned to the report from where the hyper link was requested and the report is restored including the selection criteria that generated the report.

Note: The report is repositioned to the first statistics row, regardless if the report contained more than one statistics row (different date and/or time) for one or multiple objects. For example, after the report was generated and you page down to other statistics rows and requested a hyper link, you will not be positioned to this statistics row on return from the hyper link.

RAQ048E

The History type must be IBM, CA, or Both

Reason:

Appears when a value other than IBM, CA, or BOTH is entered for the History Type field.

- IBM = Display IBM utility history only.
- CA = Display CA utility history only.
- BOTH = Display Both IBM and CA utility history.

RAQ049E

Currently History type BOTH does not support EQF, however IBM and CA do support standard EQF.

Reason:

Appears when you attempt to use EQF and have BOTH selected as the History Type. This feature is not currently supported.

EQF may be selected if the History Type is IBM or CA. A standard EQF for BOTH is provided in Report Procedures.

RAQ050E

This query does not support EQF.

Reason:

You are trying to use EQF on queries that do not support EQF due to architectural considerations.

RAQ051E

CA Utility History table not available. Defaulting to IBM.

Reason:

An error occurred when the program requested the CA Utility History table name from an internal CA service. This error can occur when the History Type field is CA or BOTH. The History Type field will be changed to use IBM.

RAQ052I

THIS REPORT IS CURRENTLY UNAVAILABLE WHILE IT IS 'BEING ENHANCED. IT SHOULD BE AVAILABLE ON AN UPCOMING MAINTENANCE RELEASE. IT IS BEING REWRITTEN TO DISPLAY CONCATENATED KEY COLUMN FREQUENCY DATA. THE DATA FOR THIS REPORT IS STORED IN PDA'S RAFQ_STATS_XXXX TABLE. DB2'S EQUIVALENT DATA IS STORED IN THE SYSCOLDIST AND SYSCOLDISTSTATS TABLES.

RAU Messages

Messages with the RAU prefix are generated from CA Database Analyzer.

RAU000I

LOG RECORD POSITIONED AT TOP.

Reason:

Informs you that the log record is positioned at the top. You will not be able to scroll up any further because you are at the top of the data.

RAU001I

LOG RECORD POSITIONED AT BOTTOM.

Reason:

Informs you that the log record is positioned at the bottom. You will not be able to scroll down any further because you are already at the bottom of the data.

RAU002I

THERE ARE NO LOG RECORDS FOR THIS OBJECT - PAGING IGNORED.

Reason:

Informs you that there are no log records for this object. Therefore, paging will be ignored.

RAU003I

THERE IS NO PDA VALUE TO SWAP - IGNORED.

Reason:

No statistics are shown for the VAL command. This command is only valid when a STATS value appears.

RAU004I

THERE IS NO LOG VALUE TO SWAP - IGNORED.

Reason:

Informs you that you entered a LOGVAL command when there was no log value for this entry. The LOGVAL command is valid only when a log entry displays.

RAU005I

VALID COMMANDS: PDAVAL, LOGVAL, (CAN)CEL, (S)AVE, OR ?.

Reason:

This message lets you know that an invalid command has been entered.

Action:

Correct this by selecting one of these valid commands: VAL, LOGVAL, CAN, S, or ?. Enter a ? in the command line for a listing of valid commands.

RAU006I

DATA VALUE EXCHANGED.

Reason:

This message appears when the new value has been successfully updated. If you entered VAL, the current value is updated with the statistics. If you entered LOGVAL, the current value is updated with the current log value.

RAU007I

CATALOG UPDATED WITH NEW DATA.

Reason:

Informs you that the DB2 Catalog has been successfully updated with the new values you entered.

RAU008E

VALID OPTIONS: (U)PDATE, (S)AVE, (R)EMOVE PENDING, OR (C)OLUMN.

Reason:

An invalid option has been entered.

Action:

Choose one of these valid options: U for Update, S for Save, R for Remove, P for Pending, or C for Column.

RAU009E

OBJECT NOT PENDING UPDATE - SAVE REQUEST IGNORED.

Reason:

A SAVE command has been entered for an object that did not have updates pending. Consequently, the SAVE command will be ignored.

RAU010E

VALID COMMANDS: END.

Reason:

An invalid command has been entered.

Action:

Use END as the valid command to correct this.

RAU011E

(C)OLUMN SELECTION IS ONLY VALID ON TABLE ENTRY.

Reason:

A line command other than C for Column has been selected.

Action:

Correct this by selecting C for the Table Entry field.

RAU012E

VALID COMMANDS: PDAVAL, LOGVAL, (CAN)CEL, (S)AVE, (HEX)ON/OFF.

Reason:

An invalid command has been entered.

Reason:

Select a valid command: PDAVAL, LOGVAL, CAN, S, or HEX.

RAU013E

DATA VALUE EXCHANGED - HEX MODE ON.

Reason:

This message lets you know that the new value has been successfully updated and that HEX mode is ON.

RAU014E

VALID OPTIONS: (U)PDATE, (S)AVE, OR (R)EMOVE PENDING.

Reason:

An invalid option has been entered.

Action:

Select one of these valid options: U for Update, S for Save, or R for Remove Pending.

RAU015E

VALID COMMANDS: CANCEL OR END.

Reason:

An invalid command has been entered.

Action:

Select one of these two valid commands: CANCEL or END.

RAU016W

ONE OR MORE CATALOG OBJECTS ARE IN A "PENDING" STATE.

Action:

You must cancel the updates by using the R (Remove) line command or save the updates by entering the S (Save) line command.

RAU017W

NO ROWS FOUND IN SYSTABSTATS FOR SELECTED OBJECT.

Reason:

RAU017W is a warning message informing you that you have selected a partition to update, but that the partition selected has no current stats in SYSTABSTATS.

RAU018W

NO ROWS FOUND IN SYSINDEXSTATS FOR SELECTED OBJECT.

Reason:

RAU018W is a warning message informing you that you have selected an index partition to update, but that the partition selected has no current stats in SYSINDEXSTATS.

RAU019W

NO ROWS FOUND IN SYSCOLSTATS FOR SELECTED OBJECT.

Reason:

RAU019W is a warning message informing you that you have selected a partition to update its columns, but that the partition selected has no current stats in SYSCOLSTATS.

RAW Messages

Messages with the RAW prefix are generated from CA Recovery Analyzer.

RAW00001

PRA#ELIM DD MISSING. TABLE/INDEX SPACE ELIMINATION REPORT DISABLED.

Reason:

Because the DD is missing, the program will skip this report.

Action:

If the report is desired, add the DD back to the JCL.

RAW00002

PRAERRRF DD MISSING. REFRESH ERROR REPORT DISABLED.

Reason:

Because the DD is missing, the program will skip this report.

Action:

If the report is desired, add the DD back to the JCL.

RAW00003

PTIMSG DD MISSING. STATISTICS REPORT DISABLED.

Reason:

Because the DD is missing, the program will skip this report.

Action:

If the report is desired, add the DD back to the JCL.

RAW00004

PRAERRMG DD MISSING. MIGRAT ERROR REPORT DISABLED.

Reason:

Because the report is missing, the program will skip this report.

Action:

If the report is desired, add the DD back to the JCL.

RAW00005

PRAERRMV DD MISSING. MULTI VOLUME TABLESPACE REPORT DISABLED.

Reason:

Because the report is missing, the program will skip this report.

Action:

If the report is desired, add the DD back to the JCL.

RAW00006

PRAERRCT DD MISSING. LOCATE FAILURE REPORT DISABLED.

Reason:

Because the DD is missing, the program will skip this report.

Action:

If the report is desired, add the DD back to the JCL.

RAW00007

DROP#DDL DD MISSING. DROP DDL/SQL GENERATION HAS BEEN DISABLED.

Reason:

Because the DD is missing, the program will skip this report.

Action:

If the report is desired, add the DD back to the JCL.

RAW00008

PRA#RPRB MESSAGE: ALTER STORAGE GROUPS CODE BYPASSED SINCE NO VOLUME XREF MODEL NAME WAS ENTERED.

Reason:

The program was going to build the ALTER STOGROUP job, but the input parameter that specifies which volume cross reference table to use was missing, so the job generation was skipped.

Action:

If the job is desired, verify the volume cross reference member was selected in the strategy.

RAW00009

PRAREPRT DD COULD NOT BE OPENED. TRANSLATE REPORT DISABLED.

Reason:

Because the DD is missing, the program will skip this report.

Action:

If the report is desired, add the DD back to the JCL.

RAW00010

PRAREPRT DD MISSING. TRANSLATE REPORT DISABLED.

Reason:

Because the DD is missing, the program will skip this report.

Action:

If the report is desired, add the DD back to the JCL.

RAW00011

PRA#XLAT - INCREMENTAL IMAGE COPY DETECTED.

Reason:

The translate program detected an incremental image copy instead of a full image copy. It is possible that some OBIDs will be found in the catalog that do not exist in the input file.

Action:

None.

RAW00012

PRA#VXR - NO VOLUME XREF FILE IN JCL - BYPASSING VOLUME CROSS REFERENCING DISABLED.

Reason:

Because the DD is missing, the program will skip this report.

Action:

If the report is desired, add the DD back to the JCL.

RAW00013

PRA#XLAT - DSN1COPY WAS NOT INVOKED DUE TO PROCESSING ERRORS.

Reason:

The translate program was not called because of processing errors.

Action:

None.

RAW00014

PRA#XLAT - THE NUMBER OF OBIDS IN THE INPUT FILE DOES NOT MATCH THE NUMBER OF OBIDS FOR THE TABLE IN THE DB2 CATALOG.

Reason:

The image copy contains a different number of tables than is currently specified in the DB2 catalog. Determination of the matching OBIDs is not reliable.

Action:

None.

RAW00015

OVERRIDING ERRORS AND GENERATING JOB STREAM.

Reason:

An error was detected during batch analysis, but CA Recovery Analyzer will build the JCL because the PRA parmlib field OVERRIDE_ERRORS is set Y.

Action:

None.

RAW00016

OVERRIDING WARNINGS AND GENERATING JOB STREAM.

Reason:

The override errors indicator was set in such a way to allow generation to occur even though edit warnings occurred during the analysis phase of processing.

Action:

None.

RAW00017

PRA#CHEK - WAITING USER SPECIFIED INTERVAL FOR CHECKPOINT RECORD TO BE WRITTEN TO THE LOG BY DB2.

Reason:

This message is produced normally as CA Recovery Analyzer waits for the checkpoint process to complete. A value in the PRA parmlib determines how long CA Recovery Analyzer waits for the automatic checkpoint process to complete.

Action:

None.

RAW00020

**The following objects cannot be recovered because they were not located in the catalog:
DBID PSID/ISOBID**

Reason:

The point in time recovery analysis identified objects in the log that should be recovered. However, the objects no longer exist in the catalog. This message includes a list of DBIDs and PSIDs (for tablespaces) or ISOBIDs (for indexes) for those objects. The generated output jobs (RECVCAT, RECVPRA, and RECVUSR) do not contain RECOVER statements for these objects.

Action:

Submit the generated output jobs to complete the point in time recovery and recover the DB2 catalog. After the catalog is recovered, it will contain the missing objects. You can then use a recovery strategy or the quick recover option to recover the data from those objects.

Note: For more information about recovery strategies and the quick recover option, see the *CA Recovery Analyzer User Guide*.

Chapter 5: RCM to RIV

RCM Messages

Messages with the RCM prefix are generated from CA RC/Compare, RC/Merger, and CA RC/Migrator.

RCM00001

BAD OPEN OF *dataset-col_name* DATASET. MAKE SURE THE JCL CONTAINS A *dataset-col_name* DD STATEMENT.

Reason:

The data set specified in the error message could not be opened.

Action:

Make sure the JCL contains a proper DD statement for the data set.

RCM00002

KEYWORD *parameter* IS AN UNKNOWN INPUT PARAMETER FOR THIS OPERATION.

Reason:

The parm listed in the error message is not a valid parameter for this operation.

Action:

Compare the parameter to those listed in the sample member.

RCM00003

KEYWORD *parameter* REQUIRES AN INPUT VALUE.

Reason:

The parameter listed in the error message has a required parameter, such as user ID or data set name. The sample member names the required input value.

RCM00004

THE INPUT VALUE FOR KEYWORD *parameter* IS TOO LONG.

Reason:

The item you used as the input value for the named parameter is too long.

Action:

Check the sample member to make sure you input the correct type of information.

RCM00005

THE INPUT KEYWORD *parameter* IS REQUIRED FOR THIS OPERATION.

Action:

You must include the parameter listed in the error message to successfully perform this operation.

RCM00006

GETMAIN ERROR. PLEASE INCREASE JOB REGION SIZE.

Reason:

This error message displays when a Getmain request for additional storage has failed due to memory limitations. As a result, the program was unable to process your request.

Action:

As a solution, try increasing your region size. CA recommends a region size between 2048 to 3072 KB.

RCM00007

YOU MUST OWN RC/Migrator TO USE THE COMPUTER ASSOCIATES DDL MERGE PROGRAM.

Reason:

You cannot use the DDL Merge program because you are not licensed to use the product.

RCM00008**THE FOLLOWING DDL STATEMENTS COULD NOT BE PARSED:****Reason:**

Usually this means the parser could not find a keyword in a DDL statement that defines the parent of that object.

Action:

Check the DDL statements to make sure they are correct.

RCM00009**BAD OPEN OR INCORRECT LRECL ON *output-col_name* FILE. PLEASE CHECK YOUR JCL TO MAKE SURE IT IS CORRECT.****Reason:**

The output file named in the data definition line displayed in the error message could not be used properly.

Action:

Check your JCL to make sure the DD line is correct.

RCM00010**YOU MUST OWN RC/Migrator TO USE THE COMPUTER ASSOCIATES DDL SYNTAX PROGRAM.****Reason:**

You cannot use the DDL Syntax program because you are not licensed to use the product.

RCM00011**DB2 CONNECTION ERROR:****Reason:**

The CALL ATTACH error listed occurred when the program tried to connect to DB2.

If the message indicates that the SSID not defined in the parmlib but the SSID is in the SETUP member of CDBAPARM, there may be a PTLLPARM member of CDBALOAD which is outdated. This parmlib load module needs to be rebuilt.

RCM00012

IF THE OBJVER PARM IS SPECIFIED, YOU MUST ALSO SUPPLY A TRGSSID SUBSYSTEM PARM CARD.

Reason:

The Object Dependency Verification option is used to check your DDL against a specific target subsystem.

Action:

You must specify the subsystem, using the TRGSSID parm to use this option.

RCM00013

SQL ERROR ENCOUNTERED: *error_number*.

Reason:

The SQL error listed in this message was encountered while running the syntax checker.

Action:

Correct the error and try again.

RCM00014

RC/Migrator MODULE *module_name* COULD NOT BE LOADED. PLEASE CHECK THAT THE COMPUTER ASSOCIATES LOAD LIBRARY IS ALLOCATED UNDER THE PTILIB DD.

Reason:

The module (*module_name*) could not be loaded. You may have run out of memory, or the module might not be located where the program expects it to be.

Action:

Check the CSVnnnn message for more information.

RCM00015

THE SYNTAX CHECKER HAS ENCOUNTERED A SQL STATEMENT THAT IS GREATER THAN 36864 BYTES.

Reason:

SQL statements are not allowed to be larger than 36864 bytes.

Action:

Shorten the statement listed in the error message and try again.

RCM00016

ONE OR MORE RC/Migrator MODULES COULD NOT BE FOUND IN THE PTILIB LOAD LIBRARY.

Reason:

The program could not find one or more modules.

Action:

Re-install the product.

RCM00025

UNABLE TO ALLOCATE SYSIN DD FOR COMPRESSION.

Reason:

The Catalog PDS Unload program allocates the SYSIN DD.

Action:

If your JCL contains a SYSIN DD line, you must delete it.

RCM00026

UNABLE TO OPEN SYSIN DD FOR COMPRESSION.

Reason:

The Catalog PDS Unload program was able to allocate SYSIN DD, but it could not open it.

RCM00027

COMPRESS OF CATALOG DD FAILED.

Reason:

The IBM IEBCOPY utility ran unsuccessfully.

Action:

Check the job output in SYSPRINT for further information.

RCM00028

CATALOG DATASET MUST BE A PARTITIONED DATASET.

Reason:

The data set named for the Catalog PDS Unload program must be a partitioned data set.

RCM00029

APF AUTHORIZATION IS NEEDED TO PERFORM COMPRESSION.

Reason:

The compression routine runs IBM's IEBCOPY utility. The compression cannot be performed without APF authority.

RCM00030

***dd_name* DD IS NEEDED TO PERFORM COMPRESSION.**

Reason:

The data definition line (*dd_name*) must be included in the JCL in order to perform the compression.

RCM00032

CATALOG DATASET MUST HAVE A RECORD FORMAT OF U (RECFM=U).

Reason:

The partitioned data set used in the Unload PDS Catalog program must have a record format of U (unformatted).

RCM00033

THE SYNTAX CHECKER WAS UNABLE TO ALLOCATE THE PDS FOR THIS SUBSYSTEM OR THE PDS WAS IN INCOMPLETE FORMAT. PLEASE RUN THE CATALOG UNLOAD PROGRAM TO CREATE OR REFRESH THIS PDS.

Reason:

You entered Y for the PDS option on the DDL Syntax Check Interface screen, but the Syntax Checker could not access the PDS for the subsystem entered in the DB2 SSID field.

Action:

Run the Catalog PDS Unload program (option 8 on the Expert Profile menu), then try again. Also, make sure that the PDS is identified in the MIGRATOR parmlib member.

RCM00036

ERROR READING DB2 CATALOG DATASET: error-message.

Reason:

The error displayed on the second line of this message occurred when the program was attempting to read a DB2 Catalog data set.

Action:

Take action based on the error information on the second line.

RCM00042

You must own RC/Migrator to use the automap program.

Reason:

This message appears if you do not own CA RC/Migrator or if the LMP key is missing or is incorrect.

Action:

If you own CA RC/Migrator, verify that its LMP key is defined correctly.

RCM00054

RC/Migrator MODULE module HAS ABENDED. PLEASE CONTACT CUSTOMER SUPPORT FOR ASSISTANCE.

Reason:

An abend has occurred during processing.

Action:

Record any abend information from the job log and report the problem to Technical Support. If a dump was generated, save the dump as it may be required to determine the cause of the problem.

RCM00064

Source system id, SRCSSID, is required whenever SRCACM is specified.

Reason:

This message appears if you specified the SRCACM parameter but did not include SRCSSID.

Action:

Add the SRCSSID parameter and retry.

RCM0100I

RC/Merger BEGINNING.

Reason:

The move has begun successfully.

RCM0101I

RC/Merger COMPLETED SUCCESSFULLY.

Reason:

The move completed successfully.

RCM0102I

RC/Merger COMPLETED WITH ERRORS.

Action:

Check the output for error messages.

RCM0103I

RC/Merger COMPLETED WITH WARNING MESSAGES.

Check the output for warning messages.

RCM0104E

NO INPUT HAS BEEN SUPPLIED TO RC/Merger.

Reason:

The job could not complete because no objects were identified for the move.

RCM0105E

ONLY ONE CREATE STATEMENT CAN BE PASSED AS INPUT TO RC/Merger.

Reason:

There were duplicate CREATE statements in the DDL submitted.

RCM0106E

**THE INPUT PARMS MUST BE ONE OF THE FOLLOWING: CALL RCMERGER
PARM(SSID,RESERVE) CALL RCMERGER PARM(SSID,TABLE) CALL RCMERGER
PARM(SSID,DATASET)**

Reason:

Input parms were missing or invalid.

RCM0107E

INVALID DDL. ONLY A TABLE CREATE STATEMENT CAN BE PROCESSED BY RC/Merger.

Reason:

There is an invalid statement in the move analysis DDL. RC/Merger cannot alter or drop tables.

RCM0108E

**PARM VALUE FOR KEYWORD keyword MUST BE ON THE SAME LINE AND ENCLOSED IN
PARENTHESES.**

Action:

Edit the keyword parm to be on the same line as the keyword and enclosed in parentheses.

RCM0109E

INVALID PARM LENGTH SPECIFIED FOR KEYWORD keyword.

Reason:

The length of the parameter for this keyword is too long.

RCM0110E

THE FOLLOWING INPUT LINE IS INVALID.

Reason:

This input text is invalid.

RCM0111E

THE VALUE FOR keyword MUST BE YES OR NO.

Reason:

The keyword value is invalid. It must be YES or NO.

RCM0112E

keyword MUST BE A DECIMAL VALUE FROM 1 TO 32767.

Reason:

The keyword value is invalid. It must be a decimal value from 1 to 32767 inclusive.

RCM0113E

SET CURRENT SQLID STATEMENT MUST BE ALL ON ONE LINE. THE SQLID SPECIFIED MUST BE FROM 1 TO 8 CHARACTERS ENCLOSED IN SINGLE QUOTES.

Reason:

Both the SET CURRENT SQLID and the SQLID you are setting it to must be on the same line, and the SQLID must be one to eight characters enclosed in single quotation marks, for example, SET CURRENT SQLID='TDDAN'.

RCM0114E

SYNTAX ERROR FOUND IN THE INPUT DDL STATEMENT.

Reason:

A syntax error was encountered in the input DDL statement. The error is described in another message.

RCM0115E

A TABLE CREATE STATEMENT MUST BE PASSED TO RC/Merger FOR A TABLE TYPE CALL.

Reason:

A TABLE TYPE call is specified by the Parm keyword on the .CALL RCMERGER line. A TABLE TYPE call must include a CREATE TABLE statement.

RCM0116E

REQUIRED KEYWORD keyword MISSING.

Reason:

The missing keyword is required.

RCM0117E

UNABLE TO CONNECT TO DB2. CALL ATTACH INFORMATION FOLLOWS: error-text

Reason:

RC/Merger was unsuccessful in attaching to the DB2 subsystem specified.

RCM0118E

YOU MUST OWN RC/Migrator TO USE RC/Merger.

Reason:

RC/Merger is a component of the product. You must be licensed for CA RC/Migrator to use RC/Merger.

RCM0119I

COMPUTER ASSOCIATES HOLD TABLE *creator.tablecol_name* ALREADY EXISTS.

Reason:

RC/Merger could not create this placeholder table on the target SSID because it already exists.

RCM0120W

OBID *obid* IS IN USE. OBID TRANSLATION WILL BE PERFORMED.

Reason:

The OBID specified in the message is being used. The OBID will be translated and processing continues.

RCM0121E

MODULE *module* COULD NOT BE FOUND IN THE COMPUTER ASSOCIATES LOAD LIBRARY.

Reason:

The module needed does not exist in the CA Load Library. Make sure that the CA Load Library is allocated to DD name PTILIB.

RCM0122E

ERROR INITIALIZING DB2 COLLECTION INTERFACE.

Reason:

An error has occurred initializing the DB2 collection interface.

RCM0123I

ALL TARGET TABLE OBIDS WERE OBTAINED FOR TABLESPACE *database.tablespace*. OBID TRANSLATION WILL NOT BE PERFORMED FOR THIS TABLESPACE.

Reason:

OBID translation is not needed for the move because the OBIDS were successfully found for the target table's tablespace.

RCM0124E

EXCP I/O ERROR. ERROR DESCRIPTION FOLLOWS:

Reason:

An I/O error has occurred with the EXCP (CA Execute Channel Program). This error is followed by a description of the actual error.

RCM0125I

DROPPING THE COMPUTER ASSOCIATES TABLESPACE *database.tablespace*.

Reason:

The CA placeholder tablespace is being dropped in the target SSID.

RCM0126I

DELETING THE TARGET DATASET *dataset-name*.

Reason:

The named target data set is deleted.

RCM0127I

DELETE SUCCESSFUL.

Reason:

The target data set has been deleted.

RCM0128I

RENAMING SOURCE DATASET NAME *dataset-col_name* TO TARGET DATASET NAME *dataset-name*.

Reason:

The source data set name is renamed to reflect the target data set naming conventions.

RCM0129I

RENAME SUCCESSFUL.

Reason:

The source data set name is successfully renamed to reflect the target data set naming conventions.

RCM0130I

CREATING TABLE *creator.table*.

Reason:

The table named in the message has been created.

RCM0131E

THE TARGET STOGROUP *stogroup* DOES NOT EXIST.

Reason:

The stogroup named does not exist in the target SSID.

RCM0132E

A GETMAIN ERROR HAS OCCURRED. PLEASE INCREASE YOUR REGION SIZE.

Reason:

A GETMAIN request for additional storage has failed due to memory limitations. As a result, the program was unable to process your request.

Action:

Try increasing your region size. CA recommends a region size between 2048 to 3072 KB.

RCM0133E

A RC/Merger SUBTASK HAS ABENDED. PLEASE CALL COMPUTER ASSOCIATES TECHNOLOGY CUSTOMER SUPPORT.

Action:

Gather the abend information.

For assistance, contact CA Support at <http://ca.com/support>.

RCM0134I

DROPPING COMPUTER ASSOCIATES HOLD TABLE *creator.table*.

Reason:

RC/Merger is dropping this placeholder table on the target SSID.

RCM0135E

BAD RETURN CODE FROM IDCAMS. IDCAMS INPUT/OUTPUT FOLLOWS:

Reason:

IDCAMS returned a severe return code for this operation.

Action:

See the text following the message for more information.

RCM0136I

TABLE OBID *obid* WAS UNAVAILABLE. RC/Merger WILL PERFORM OBID TRANSLATION FROM source-*obid* TO target-*obid* FOR TABLE *creator.name*.

Reason:

Because of the unavailability of a table OBID, the program will need to translate the OBID from the source to the target for that table.

RCM0137I

***object-col_name* CREATED SUCCESSFULLY. SQLCODE = 0.**

Reason:

The named object was successfully created with an SQLCODE of 0.

RCM0138E

THE TARGET DATABASE *database* DOES NOT EXIST.

Reason:

The target database named could not be found on the target SSID.

RCM0139I

CREATING COMPUTER ASSOCIATES HOLD TABLESPACE *database.tablespace*.

Reason:

A placeholder tablespace is created to preserve the OBIDs for the move.

RCM0140I

CREATING COMPUTER ASSOCIATES HOLD TABLE *creator.table*.

Reason:

A placeholder table is created for the move.

RCM0141I

A DB2 DEADLOCK OR TIME-OUT HAS OCCURRED. RC/Merger WILL RETRY EXECUTION OF THIS STATEMENT.

Reason:

Processing was temporarily halted at the current statement due to a DB2 deadlock or time-out. The statement will be retried. If the retry is successful, the move or copy processing will continue.

RCM0142E

BAD RETURN CODE FROM INSTRUMENTATION FACILITY INTERFACE.

Reason:

DB2's Instrumentation facility Interface (IFI) is used to start and stop DB2 processes.

Action:

Refer to the text following the messages indicating which error has occurred.

RCM0143E

SQL ERROR IN CSECT csect. SQL ERROR DESCRIPTION FOLLOWS:

Reason:

A SQL error occurred while executing the named csect. The error description from SQL follows the message.

RCM0144E

INVALID DB2 OBJECT NAME SPECIFIED FOR KEYWORD CARD.

Reason:

The card for the keyword named contains an object name that is invalid.

Action:

Check the spelling and correct it.

RCM0145E

ERROR ALLOCATION DDNAME *ddname*. RETURN CODE = *return-code*. Reason: CODE = *Reason:-code*.

Reason:

An error occurred during the allocation for the named data definition.

RCM0146E

ERROR OPENING DDNAME *ddname*.

Reason:

An error occurred while trying to open the data definition name.

RCM0147E

A SRCOBID KEYWORD MUST FOLLOW THE TABLE KEYWORD AND RESIDE ON THE SAME INPUT LINE.

Reason:

A keyword for the source OBID must follow the keyword for the table and must be on the same line as the table keyword.

RCM0148E

THE TARGET DB2 SSID WAS NOT IN THE JES SUBSYSTEM TABLE.

Reason:

The target subsystem was not found in the JES subsystem table.

Action:

Check your strategy to make sure the target SSID is spelled correctly.

RCM0149E

INTERNAL ERROR TRAVERSING DB2 CONTROL BLOCKS.

Reason:

An internal error occurred traversing the DB2 control blocks.

RCM0150E

VSAM *vsam-type* ERROR OCCURRED AGAINST DATASET *vsam-dataset error*.

Reason:

VSAM returned an error of the type named while processing the named data set.

RCM0151I

THE STOP IS PENDING FOR TARGET SPACENAME *tablespace/indexspace*.

Reason:

The program will wait until the stop has completed.

RCM0152E

COULD NOT STOP THE TARGET TABLESPACE /INDEXSPACE.

Reason:

The program could not STOP the target tablespace or indexspace.

RCM0153E

ERROR ALLOCATING DATASET: *dataset-col_name* RETURN CODE = *return-code*.

Reason: CODE = *Reason:-code*.

Reason:

An error occurred during the allocation for the named data set.

RCM0154E

ERROR OPENING DATASET: *dataset-name*.

Reason:

The program could not open the named data set.

Action:

Check the spelling in your strategy's data set specification fields.

RCM0155I

number-pages WERE COPIED FOR object-type creator.col_name FROM SOURCE DATASET source-dataset TO TARGET DATASET target-dataset.

Reason:

Informs you how many pages were successfully copied during the copy.

RCM0157W

AN ERROR OCCURRED TRYING TO PLACE TABLESPACE *database.tablespace* IN COPY PENDING STATUS.

Reason:

The program could not successfully place the tablespace in copy pending status.

RCM0158I

***source-dataset* WAS RENAMED TO *target.dataset* FOR *object-type creator.name*.
number-pages PAGEs READ AND UPDATED DURING THE MOVE.f**

Reason:

This message informs you that the move was successful for the named data set and object, and records the number of pages read and updated in the target data set.

RCM0159I

TABLESPACE *database.tablespace* HAS BEEN PLACED IN COPY PENDING STATUS.

Reason:

The program has placed the named tablespace in copy pending status.

RCM0160E

A TABLE INPUT CARD MUST FOLLOW A TABLESPACE INPUT CARD.

Reason:

The next card after a tablespace input card must be a table input card.

RCM0161E

***utility-col_name* UTILITY RETURN CODE > 4.**

Reason:

The processing for the utility named yielded a Return Code greater than 4. The utility output will follow.

RCM0162I

***utility-col_name* UTILITY OUTPUT FOLLOWS:**

Reason:

The output for the named utility follows the message.

RCM0163E

THE *utility-col_name* UTILITY COULD NOT BE EXECUTED DURING THIS RC/Merger.

Reason:

The program could not execute the named utility during the move operation.

RCM0164E

RC/Merger MUST BE RUN IN BATCH MODE.

Action:

You must run RC/Merger in batch mode for the actual move. Enter B in the Execution Mode field of the Migration Strategy Analysis screen. This takes you to the CA Batch JCL Specification screen where you submit the job.

RCM0165I

VSAM DATASET *dataset-col_name* IS IN USE BY JOB NAME *job-name*. RC/Merger WILL WAIT AND RETRY AFTER 5 SECONDS.

Reason:

The VSAM data set specified in the message is being used by the named job. The program will retry after five seconds.

RCM0166E

VSAM DATASET *dataset-col_name* IS IN USE BY JOB NAME *job-name*. THE OBJECTS BEING MOVED MUST BE STOPPED ON THE SOURCE DB2 SUBSYSTEM.

Reason:

The VSAM data set specified in the message is being used by the named job. The Processing will not continue.

Action:

You must STOP the objects being moved on the source subsystem.

RCM0167E

YOU MUST SUPPLY A SRCDSN CARD FOR EACH TABLESPACE AND INDEX PARTITION YOU WISH TO MOVE OR COPY.

Reason:

The analysis DDL for the move or copy must include a SRCDSN card that identifies each source tablespace partition number and index partition number involved in the move or copy.

RCM0168E

THE SRCDSN CARD MUST FOLLOW A TABLESPACE OR INDEX CARD AND SPECIFY A PARTITION BETWEEN 1 AND *&maxp* INCLUSIVE.

Reason:

The SRCDSN card must come immediately after a tablespace or index card. The partition number must be from 1 to *&maxp* (the maximum number of partitions allowed for your DB2 release). For DB2 V7, the maximum is 254; for DB2 V8, the maximum is 4096.

RCM0169E

A keyword INPUT CARD MUST FOLLOW A TABLESPACE OR INDEX INPUT CARD.

Reason:

An input card for the keyword named must follow the tablespace or index card.

RCM0171E

A keyword INPUT CARD MUST SPECIFY A PARTITION NUMBER BETWEEN 1 AND *&maxp* INCLUSIVE AND FOLLOW A *source-dataset-col_name* CARD OF THE SAME PARTITION NUMBER.

Reason:

The partition number for an input card of the type named must be from 1 to *&maxp* (the maximum number of partitions allowed for your DB2 release). For DB2 V7, the maximum is 254; for DB2 V8, the maximum is 4096. The source data set name card before it must include the same partition number.

RCM0172E

MAXTASKS MUST BE AN INTEGER BETWEEN 1 AND 10 INCLUSIVE.

Reason:

You entered an invalid character in the maxtasks field.

Action:

Enter an integer from 1 to 10.

RCM0173E

INVALID RBA SPECIFIED FOR SRCRBA.

Reason:

You entered an invalid RBA as the source RBA. The correct format is X'*nnnnnnnnnnnn*'.

RCM0174W

NO SRCRBA WAS SUPPLIED. RC/Merger WILL RESET THE LAST UPDATE RBA ON ALL DATA PAGES BEING MOVED.

Reason:

For a move, the last update RBA is reset if it is not informed of the source subsystem's RBA.

RCM0175W

NO TABLE NAMES/OBIDS WERE SUPPLIED FOR TABLESPACE *database.tablespace*. OBID TRANSLATION WILL NOT BE PERFORMED.

Reason:

This should be true only if there are no tables in the tablespace. The move or copy will be performed without OBID translation.

RCM0176E

A TABLESPACE OR INDEX MUST BE SUPPLIED FOR A DATASET MOVE.

Reason:

A tablespace name or index name is required to perform a data set move.

RCM0177E

NO DATASETS WERE SUPPLIED FOR *object-type creator.object-name*.

Reason:

No data set names were supplied for the object named.

RCM0178W

**COULD NOT DETERMINE THE HIGH WRITTEN RBA OF THE TARGET DB2 SUBSYSTEM.
RC/MERGER WILL NEED TO RESET THE LAST UPDATED RBA/LRSN ON EVERY PAGE.**

Reason:

The high written RBA could not be determined for the target DB2 subsystem.

Action:

To perform the move, the last updated RBA or LRSN will need to be reset on every page involved.

RCM0179W

**THE SOURCE SUBSYSTEM RBA/LRSN IS GREATER THAN THAT OF THE TARGET
SUBSYSTEM.**

RC/Merger WILL NEED TO RESET THE LAST UPDATED RBA/LRSN ON EVERY PAGE.

Reason:

When this situation occurs, the last updated RBA must be reset on every page to ensure the recoverability of the objects after the move.

RCM0180I

**THE SOURCE SUBSYSTEM RBA/LRSN IS LESS THAN THAT OF THE TARGET SUBSYSTEM.
RC/MERGER WILL NOT NEED TO RESET THE LAST UPDATED RBA/LRSN ON EVERY
PAGE.**

Reason:

When this situation occurs, the program will *not* need to reset the last updated RBA on every page to ensure the recoverability of the objects after the move.

RCM0181I

verb DB2 SPACE *database.tablespace*.

Reason:

The DB2 SPACE named in the message is starting or stopping.

RCM0182W

SOURCE DATASET NAME *source-dataset* IS EQUAL TO TARGET DATASET NAME *target.dataset*. DO NOT DROP THE SOURCE OBJECTS IF THEY ARE STOGROUP DEFINED BECAUSE IT WILL DELETE THE TARGET DATASETS.

Reason:

You specified a target data set that is the same as the source data set for your move.

Action:

Be sure *not* to drop the source objects if they are stogroup-defined, because the target data sets would also be deleted.

RCM0184E

DATABASE *database* IS A ROSHARE READER DATABASE. YOU MUST MOVE THE OWNER COPY OF THIS DATABASE.

Reason:

The program cannot move ROSHARE Reader objects.

Action:

You must move the owner copy of this database.

RCM0185E

YOUR STEPLIB AND PTILIB MUST BE APF AUTHORIZED.

Reason:

One or more data sets you specified in the STEPLIB or PTILIB DDs are not marked as authorized by APF (Authorized Program Facility).

Action:

Make sure that the STEPLIB and PTILIB DDs are allocated, and that all libraries concatenated to them are authorized by APF.

RCM0186E

**RACROUTE REQUEST FAILED. SAF RETURN CODE = &rc.
RACROUTE RETURN CODE = &rc. RACROUTE Reason: CODE = &rsn.**

Reason:

When the creation of an ACEE (Accessor Environment Element) fails, ACEE is similar to USERID of the target subsystem which is used to execute RCMERGER from the target.

Action:

In the MIGRATOR parmlib member, specify the EXPLICIT_AUTH parameter as GLOBAL with possible values like the following:

```
EXPLICIT_AUTH (YES)      /* RESTRICT UNAUTHORIZED ACCESS TO VSAM */  
                        /* FILES INCLUDED IN AN RMM STRATEGY */  
EXPLICIT_AUTH (NO)      /* DEFAULT NO ACCESS CHECKING DONE */
```

If any other value is specified within the parentheses, a message is issued similar to the following that can be found in the JES job log:

```
JOB30903  BPA0080I: BATCH PROCESSOR EXECUTION: DATE=2006/01/11 TIME=1  
JOB30903  *** THE FOLLOWING MESSAGES WERE ISSUED DURING PARMLIB PROCESSING  
JOB30903  .SETUP00   Unrecognized keyword bypassed: QMOGROUP  
JOB30903  .SETUP00   Unrecognized keyword bypassed: QMOGROUP  
JOB30903  .BATPROC   SUCCESSFUL COMPLETION.  
JOB30903  .MIGRATOR  EXPLICIT_AUTH PARM NOT YES OR NO, DEFAULT IS NO  
JOB30903  *** END PARMLIB MESSAGES
```

If multiple occurrences of the EXPLICIT_AUTH parameter are encountered, the value in the last occurrence is used and similar messages are issued.

RCM0187E

ACTIVE SSID NOT FOUND ON THIS MVS.

Reason:

The program could not find an active SSID on this MVS, and therefore cannot continue processing your move or copy.

RCM0192I

TABLESPACE *database.database* HAS BEEN PLACED IN CHECK PENDING STATUS.

Reason:

The named tablespace has been placed in check pending status

RCM0193E

DATABASE *database-col_name* DOES NOT EXIST. YOU CANNOT MIGRATE A TABLESPACE TO A DATABASE THAT DOES NOT EXIST.

Reason:

The specified target database does not exist.

Action:

Specify an existing target database.

RCM0194E

INPUT WAS SPECIFIED TO BE FROM AN RC/M MANAGED TABLE; HOWEVER, ONE OR MORE REQUIRED PARMFILE INPUT PARMS ARE MISSING WHICH DESCRIBES THE SPECIFIC TABLE DATA TO BE READ.

Reason:

You specified that the input would be from an RC/M-managed table. However, one or more PARMFILE cards are missing from your JCL, so the particular input table data to be read cannot be identified.

Action:

Make sure that the JCL contains the following PARMFILE cards immediately after the DDLSCAN card:

- TBLINPUT-Specifies that the input is from a managed output table
- CREATOR-Specifies the strategy creator's ID
- STRATEGY-Specifies the strategy name
- STRTSSID-Specifies the SSID where the strategy resides
- ANALUSER-Specifies the ID of the last user who analyzed the strategy
- ANALDATE-Specifies the date the analysis was performed
- ANALTIME-Specifies the time the analysis was performed

RCM0212E

You are not authorized to access the requested RC/M-managed output. Additional informational message(s) follow:

Reason:

The user does not have appropriate authorization to the requested RC/M-managed output.

Action:

Refer to the following additional messages for more information.

To resolve, try the following:

- Check to see if the strategy was created with Share Option N. This means that only the creator of the strategy can view it. If Share Option is U, everyone can view and update it, and Share Option Y means everyone can view it, but only the creator can update it.
- Use a parmlib where member MIGRATOR has the ADMINID option set. The ADMINID should have access to delete any set or strategy.

Note: For more information about editing the MIGRATOR parmlib, see the *Implementation Guide*.

RCM0217I

**SOURCE AND TARGET VSAM DATASETS IDENTICAL FOR OBJECT &object
&creator..&name SOURCE DATASETS WILL BE RENAMED TEMPORARILY TO ALLOW
CREATES TO SUCCEED.**

Reason:

This message is issued during "MOVE" processing, indicating processing to be done. This is an informational message.

Action:

None.

RCM0218E

SOURCE AND TARGET VSAM DATASETS IDENTICAL FOR OBJECT *&object* *&creator..&name* COPY NOT ALLOWED IN THIS SITUATION. RC/MERGER PROCESSING TERMINATING.

Reason:

Identifies a conflict in data set names for which both source and target VSAM data set names are the same. This is an error to which RC/Merger "COPY" processing cannot continue.

Action:

Specify a different data set name for the source or the target as appropriate.

RCM0219E

SOURCE AND TARGET VSAM DATASETS IDENTICAL FOR OBJECT *&object* *&creator* . DUE TO INDEXSPACE NAMING COLLISIONS RC/MERGER WILL BE UNABLE TO PROCESS THIS INDEX.

Reason:

Identifies a conflict in data set names for which both source and target VSAM data set names are the same. This is an error to which RC/Merger processing cannot continue.

Action:

Specify a different data set name for the source or the target as appropriate.

RCM0221W

**RCM0221W - SOURCE VSAM DATASET
AND TARGET VSAM DATASET
ARE IDENTICAL. COPY MODE IS INVALID FOR THIS OBJECT,
RC/MERGER PROCESSING TERMINATING.**

Reason:

You selected the same data set as both the source and the target of a copy action.

Action:

Review the selection choices and make adjustments as necessary.

RCM0225E

UNABLE TO CONNECT TO SOURCE SUBSYSTEM *&ssid* SHARE LEVEL OF *&share-level* WAS REQUESTED. RC/MERGER TERMINATING. CONNECT ERROR WAS *&connect-error-message*

Reason:

RC/Merger could not establish a connection to the source subsystem.

Action:

Review the connection error message and correct the specified error before restarting

If the message indicates that the user is not authorized to use the source subsystem but the user does have the appropriate authorization, the problem might be that the target subsystem is not authorized to access the source subsystem.

RCM0230I

WAITING TO PLACE SOURCE *&obj &dbname..&tsname. &part* INTO STATUS *&newstat*

Reason:

RC/Merger has issued a -STO or -STA ACCESS(*&newstat*) for the object and is waiting for the DB2 command to complete.

- If the command was issued for a particular partition, *&part* in the message will display the partition number as PART(*&partno*).
- If the message does not display a partition number, the command was issued for the entire object.

Action:

This is an informational message. No action is required.

RCM0231I

**RESETTING STATUS OF SOURCE &obj &dbname..&tsname. &part
CURRENT STATUS IS &STAT..**

Reason:

RC/Merger is done with the source object and is resetting its status back to its original status. A DB2 -STA ACCESS() command will be issued to reset the status.

- If the command was issued for a particular partition, &part in the message will display the partition number as PART(&partno).
- If the message does not display a partition number, the command was issued for the entire object.

Action:

This is an informational message. No action is required.

RCM0236E

**STOGROUP &stogroup DOES NOT EXIST.
RC/MERGER EXECUTION TERMINATING.**

Reason:

STOGROUPs involved in RC/Merger processing must be in-place for the processing to continue.

Action:

Correct the specified error and restart.

RCM0239I

**VSAM DATASETS FOR SOURCE AND TARGET IDENTICAL FOR #..
OBJECTS WILL BE TEMPORARILY RENAMED.**

Reason:

This message is issued to inform you of processing being performed on an object.

Action:

None.

RCM0240I

RENAME COMPLETE FOR &object &creator..&name..

Reason:

This message informs you that the rename processing performed on the specified object completed successfully.

Action:

None.

RCM0241I

CREATING &object &creator..&name..

Reason:

This message is issued to inform you of the successful completion of the create processing being performed on an object.

Action:

None.

RCM0242I

BEGINNING AMS DEFINES FOR &object &creator..&name..

Reason:

This message is issued to inform you of processing being performed on an object.

Action:

None.

RCM0243I

VSAM DATASETS SUCCESSFULLY CREATED FOR &OBJECT &CREATOR..&NAME

Reason:

This message is issued to inform you of the successful completion of the VSAM data sets being created.

Action:

None.

RCM0245E

INTERNAL ERROR FROM PTM MMGR FUNCTION PUTSEQ

RETURN CODE = return_code.

Reason: CODE = Reason:_code.

DSN=data_set_name.

Reason:

An internal error has occurred.

Action:

Refer to the reason and return codes.

RCM0256W

THE ABOVE MESSAGES RCM0245E, RM00246E AND GENMM03E SHOULD BE TREATED AS WARNING MESSAGES.

Reason:

The preceding messages should be treated as warnings.

RCM0259W

RC/Merger attempted to set object &dbname..&tsname.&part from a status of &stat to &newstat., and the object has not changed to that state in the allotted time.

Reason:

RC/Merger has issued -STA ACCESS(&newstat) to set an objects status and has waited for the DB2 command to complete. The DB2 command has not completed in a reasonable amount of time.

- If the command was issued for a particular partition, &part in the message will display the partition number as PART(&partno).
- If the message does not display a partition number, the command was issued for the entire object.

Action:

Verify that the command has completed by using the DB2 command -DIS DB(&dbname) SPACENAM(&tsname) to display the objects current status and take corrective action as necessary.

RCM0260E

UNABLE TO EXTEND TARGET DATASET. USER DEFINITION REQUIRED.

Reason:

This message indicates that an additional space is required to copy the source but the target space is exhausted. This message can appear if you try to copy a non-partitioned tablespace where the source contains multiple data sets, but the target contains less physical data sets. For example, source contains A001 and A002 data sets but target contains only A001 data set.

Action:

Equalize target data sets to source and restart the job.

RCM0261I

The IDCAMS defines are delayed until after the Index has been created.

Reason:

Indicates why the DEFINE was not processed before the index was created.

Action:

None.

RCM0262I

The Index SPACENAME for <creator>.<name> to <n-spname>. The input IDCAMS statements are being altered from <o-spname> to <n-spname>, matching the target DB2 catalog SPACENAME after creating the Index.

Reason:

Indicates why the DEFINE statements have been altered.

n-spname

Identifies the new space name found in the DB2 catalog.

o-spname

Identifies the space name found in the input DEFINE statements that have been altered.

Action:

None.

RCM0263W

IT IS REQUIRED TO RUN REPAIR UTILITY ON DATABASE &DBNAME IN TARGET SUBSYSTEM &TRGID. DO NOT RUN ANY OTHER UTILITIES UNTIL THE REPAIR UTILITY HAS BEEN RUN.

Reason:

After a successful RC/Merger analysis execution, if you browse or edit the table in the target subsystem, you will receive SQL -438 when your source tablespace is SIMPLE and your target subsystem is running using DB2 9 or later.

This message indicates that the REPAIR utility must be run to rebuild the database.

Action:

The following steps must be taken in the order presented:

1. Use the DB2 command to change the database status to UT.
2. Run the REPAIR utility to rebuild the database on the target subsystem. The database and subsystem are identified in the message text.

Note: Skeleton JCL is provided in CDBASRC(REPAIR).

3. Use the DB2 command to change the database status to RW after the REPAIR utility is completed.

RCM0264E

UNABLE TO CREATE TABLESPACE <tsname> BECAUSE IDENTICAL vsam dataset <VCAT>.DSNDBC.<DBNAME>.<SPACENAME>.I0001.A001 ALREADY EXISTS

Reason:

This message indicates that the tablespace cannot be created because an index or another tablespace has used this spacename already.

Action:

Delete the data set and restart at the failed step if the data set is not related to any DB2 catalog object and it can be deleted. Otherwise, reanalyze the strategy using a different VCAT or DATABASE.

RCM0269E**NO &SRCTRG DATASETS IN LIST TO PROCESS.****Reason:**

Issued when attempting to verify the correct number of data sets. The &SRCTRG indicates whether processing is verifying SOURCE or TARGET.

This message indicates that the data set list to be processed. This message is an error-level message and will terminate processing at this point. Since the processing requires knowledge of the source/target data sets, when the control card SRCDSN0001 is not included for the object, processing is terminated.

Action:

To restart, the SRCDSN0001 control card must be present with a valid data set name.

RCM0270E**NO &SRCTRG DATASET WITH NAME: &SRCDSN WAS FOUND IN THE CATALOG.****Reason:**

Issued when attempting to verify the data set ending with A001, for the source or target, and the data set could not be located in the VSAM catalog.

Action:

Verify the data set name listed is valid and defined in the VSAM catalog. Once corrected, this step may be restarted.

RCM0271E**A DATASET MATCHING WITH PATTERN: &SRCDSN WAS FOUND IN THE CATALOG, BUT IS NOT A VALID DB2 DATASET NAME. DELETE OR RENAME DATASET PRIOR TO RERUN.****Reason:**

A LISTCAT was issued using the data set pattern listed at &SRCDSN, in the result set a data set name was included that is not a valid DB2 data set.

Action:

Verify the data sets listed are specific DB2 VSAM data sets valid for this object, any extraneous objects *must* be DELETED/RENAMED prior to rerunning. This step may be restarted after correcting the above error.

RCM0272I

A NEW SOURCE DATASET MATCHING THE NAME: &SRCDN WAS FOUND IN THE CATALOG. ADDED TO LIST FOR PROCESSING.

Reason:

Issued when a "new" source data set was located in the VSAM catalog. This "new" data set will be added to the list of data sets to be processed and processing continues. This message will be suppressed unless ALLMSGs(YES) is specified.

Action:

None.

RCM0273W

SOURCE DATASET MATCHING THE NAME: &SRCDN WAS NOT FOUND IN THE CATALOG. THIS DATASET AND ANY SUBSEQUENT ARE REMOVED FROM LIST FOR PROCESSING.

Reason:

Issued when the listed source data set was not located in the VSAM catalog. This data set and all subsequently numbered data sets will be removed from the list of data sets to be processed and processing continues.

Action:

None.

RCM0274W

EXTRANEIOUS TARGET DATASETS FOUND, WILL BE DELETED.

Reason:

Issued when extra target data sets are found in the VSAM catalog beyond the number of source data sets. Extra data sets will be deleted and processing continues. Only data sets in the proper format (following) will be deleted:

<VCAT>.<DB-Name>.<SPACE-Name>.<I0001 or J0001>.<Dataset

The pattern through the I/J parameter is supplied based on the A001 allocation and the A001 is replaced with an asterisk "*". The data set sequence is expected to be in the range A001-A255, for non-parted objects.

Action:

Processing continues.

RCM0280W

**PLEASE DO NOT FORGET TO RUN REPAIR VERSION ON &OBJECT
&DATABASE..&SPACENAM IN TARGET SUBSYSTEM &TGTSID**

Reason:

Run the REPAIR VERSION utility on the identified object. If this utility is not run, DB2 failures (typically S04E abends) can occur when running other utilities such as RUNSTATS or REORG on the object.

Action:

Run the IBM REPAIR VERSION utility on the specified object.

RCM0281W

**DATA ONLY COPY FOR TABLESPACE *database.tablespace* IS COMPLETED. THE ENTRIES
IN SYSIBM.SYSCOPY ARE NO LONGER VALID. SO, PLEASE RUN THE FOLLOWING
UTILITIES: 1) MODIFY RECOVERY 2) REPAIR 3) IMAGECOPY**

Reason:

For the specified tablespace, you migrated data only. When you perform a DATA ONLY migration, SYSCOPY content on the target side will be invalid (because it does not reflect the versions from the source side). Therefore, you must delete the old SYSCOPY information, execute the REPAIR utility to reflect the source pageset, and then execute an image copy.

Note: If desired, you can issue a SET NOCOPYPEND instead of executing an image copy.

Action:

Perform the following in the specified order for the tablespace.

Important! Failure to run the utilities in the proper order will cause an S04E abend (and possibly other problems) when running RUNSTATS.

1. MODIFY RECOVERY

Use the following syntax for the partition number:

```
MODIFY RECOVERY database.tablespace PART xx DELETE (*)
```

Use the following syntax for the entire partitioned tablespace:

```
MODIFY RECOVERY database.tablespace DELETE (*)
```

2. REPAIR

Use the following syntax:

```
REPAIR VERSIONS TABLESPACE database.tablespace
```

3. IMAGECOPY or SET NOCOPYPEND

Choose one of the following:

- Use the following syntax to execute an image copy:
`COPY TABLESPACE database.tablespace`
- Use the following syntax to perform a SET NOCOPYPEND:
`REPAIR SET TABLESPACE database.tablespace NOCOPYPEND`

RCM0306I

ATTEMPTING TO CONNECT TO TARGET SUBSYSTEM SSID TO VERIFY IF AUTOREPAIR IS REQUIRED.

Reason:

This message is issued to notify you that RC/Merger will connect to the target subsystem to verify whether an AUTOREPAIR is required.

Action:

None.

RCM0307I

THE SRCSSID CARD HAS TO BE POPULATED IN THE DATASET CALLS FOR DYNAMIC REPAIR UTILITY GENERATION.

Reason:

This message is issued to notify you that the SRCSSID has not been populated in the DATASET RC/MERGER call.

Action:

Add the SRCSSID card in the DATASET RC/MERGER call specifying the source subsystem.

RCM0308I

RC/MERGER HAS IDENTIFIED RBA FORMAT DIFFERENCES FOR INDEX *IXCREATOR.IXNAME* BETWEEN THE SOURCE AND TARGET SUBSYSTEMS. IF YOU WANT TO HONOR RBA FORMAT OF TARGET INDEX *BASIC* or *EXTENDED*, PLEASE SCHEDULE A REBUILD INDEX.

Reason:

This message is issued when the RBA_FORMAT of the source index is different from the RBA_FORMAT of the target index.

Action:

If the RBA_FORMAT of the target index needs to be honored, schedule a REBUILD INDEX.

RCM0309I

TARGET *TABLESPACE DBNAME.TSNAME* RBA FORMAT WILL BE SET TO SOURCE RBA FORMAT *BASIC* or *EXTENDED*, IF YOU WANT TO HONOR RBA FORMAT OF TARGET *TABLESPACE* PLEASE SCHEDULE A REORG WITH RBALRSN_CONVERSION *EXTENDED* or *BASIC*.

Reason:

This message is issued when the RBA_FORMAT of the source tablespace is different from the RBA_FORMAT of the target tablespace.

Action:

If the RBA_FORMAT of the target tablespace needs to be honored, schedule a REORG TABLESPACE with the appropriate RBALRSN_CONVERSION parameters.

RCM0310E

SOURCE *TABLESPACE DBNAME.TSNAME* or INDEX *IXCREATOR.IXNAME* IS IN EXTENDED RBA FORMAT AND TARGET IS NOT A V11 NFM SYSTEM.

Reason:

This message is issued when you try to migrate a tablespace or index with an RBA_FORMAT value E to a target subsystem that is not in DB2 11 New Function Mode (NFM), terminating the RBP processing as a result.

Action:

Specify a valid target subsystem in DB2 11 NFM or later with a valid RBA_FORMAT value E.

RCM0311E

UNABLE TO CONNECT TO SOURCE SSID. RC/MERGER FAILS TO PERFORM VERIFICATION OF PBG TABLESPACE PARTITIONS.

Reason:

This message is issued for one of the following reasons during validation of the PBG tablespace partitions:

- No connection is established between the source and target subsystem IDs (SSIDs) in SYSIBM.LOCATIONS.
- The location name of the source SSID is not listed for the target SSID in the SETUPxx member of the *hlq.CDBAPARM* data set.

The connection between the source and target SSIDs fails.

Action:

Perform one of the following actions, depending on the reason for the error message:

- If no connection is established between the source and target SSIDs:
 - Establish a connection between them in SYSIBM.LOCATIONS
 - Rerun the execution job.
- If the location name of the source SSID is not listed in the target SSID:
 - Add the source location name and its SSID to the target SSID locations list in the SETUPxx member of the *hlq.CDBAPARM* data set.
 - Rerun the execution job.

RCM0312I

SOURCE SSID xxxx IS NOT LISTED IN THE COMMUNICATIONS DATABASE OF TARGET SSID yyyy. RC/MERGER WILL IGNORE THE VERIFICATION OF RBA_FORMAT DIFFERENCES.

Reason:

This message is issued during verification of the RBA_FORMAT or ROW_FORMAT differences when the connection between the source and target subsystem IDs (SSIDs) fails because no connection is established between them in SYSIBM.LOCATIONS.

Action:

Establish a connection between the source and target SSIDs in SYSIBM.LOCATIONS and rerun the execution job.

RCM0312I

SOURCE SSID xxxx IS NOT LISTED IN THE SETUPxx PARMLIB MEMBER OF TARGET SSID yyyy. RC/MERGER WILL IGNORE THE VERIFICATION OF RBA_FORMAT DIFFERENCES.

Reason:

This message is issued during verification of RBA_FORMAT or ROW_FORMAT differences when the connection between the source and target subsystem IDs (SSIDs) fails because the location name of source SSID is not listed for the target SSID in the SETUPxx member of the *hlq.CDBAPARM* data set.

Action:

Add the source location name and its SSID to the target SSID locations list in the SETUPxx member of the *hlq.CDBAPARM* data set and rerun the execution job.

RCM0348E

FORMATTING ERROR ENCOUNTERED FOR TRIGGER <SCHEMA>.<TRIGGER NAME>

Reason:

CA RC/Compare is having a problem formatting the trigger DDL.

Action:

Correct the DDL. If no errors are found in the DDL, contact CA Support.

RCMHC Messages

RCMHC0001I

The *&hzsckname* health check has determined that limited tree processing is in effect. This is the recommended setting and no further action is required.

Reason:

FULLTREE(NO) is the recommended setting to minimize virtual storage usage and to reduce processor cycles required to perform strategy analyses. In the message, *&hzsckname* indicates the name of the health check.

Action:

No action is required.

RCMHC0002W

The *&hzsckname* health check detected that limited tree support was requested.

Explanation:

Parmlib member MIGRATOR specified FULLTREE(YES). This activates full tree support that can lead to large virtual storage usage and CA RC/Migrator performance degradation. FULLTREE(NO) is the recommended setting to minimize virtual storage usage and to reduce processor cycles required to perform strategy analyses. In the message, *&hzsckname* indicates the name of the health check.

System Action:

Processing continues with full tree support.

Operator Response:

Contact the system programmer to modify the MIGRATOR member to use limited tree processing.

System Programmer Response:

Change the MIGRATOR member to allow limited tree processing by setting the FULLTREE(NO) parameter.

Problem Determination:

Review the MIGRATOR parmlib member to ensure that FULLTREE(NO) is specified. Also, users may be running with personalized copies of the parmlib. You should review these libraries and ensure that FULLTREE(NO) is specified.

Source:

CA RC/Migrator

Reference Documentation:

CA Database Management Solutions for DB2 for z/OS for DB2 for z/OS Implementation Guide

Automation:

None.

RCX Messages

Messages with the RCX prefix are generated from CA RC/Extract.

RCX0001E

An internal error occurred in module: *&module*.

Reason:

An unexpected and unrecoverable error has occurred in the specified module. This is a generic error message to identify a module where an internal error has occurred.

RCX0001E

INTERNAL ERROR IN CALL ATTACHMENT FACILITY - RC=*&rtn* RCODE=*&x* &RMES

Reason:

An error occurred while attempting to connect to a DB2 SSID.

Action:

The Return Code, reason Code, and reason Message can be used to diagnose and correct the problem.

RCX0001I

RC/EXTRACT &PROCESS1 &PROCESS2 PROCESS BEGINNING.

Reason:

This is an informational message stating the specified process has begun.

RCX0002I

RC/EXTRACT &PROCESS1 &PROCESS2 PROCESS COMPLETE.

Reason:

This is an informational message stating the specified process has completed successfully.

RCX0003E

Insufficient virtual storage error in module: *&module*.

Reason:

The virtual storage required to continue processing has been exhausted. This is a generic error that identifies the module where an insufficient virtual storage error occurred.

Action:

Increase the region size allocated to the TSO session or batch job and try again.

RCX0003E

**INSUFFICIENT VIRTUAL STORAGE.
PLEASE INCREASE REGION SIZE.**

Reason:

The virtual storage required to continue processing has been exhausted.

Action:

Increase the region size allocated to the TSO session or batch job and try again.

RCX0004E

The use of RC/Extract requires a current license.

Reason:

A current license is required. The CA RC/Extract product is not owned.

RCX0005E

The RC/Extract plan was not found in the PLANS member.

Reason:

The plan was not found.

Action:

Bind the plan on the needed DB2 subsystems and try again.

RCX0006E

Database object *&creator..&table.* does not exist. Processing halted.

Reason:

An object specified in the Source Definition no longer exists. The object has been deleted or altered since the creation of the Source Definition.

Action:

Update the Source Definition and try again.

RCX0008E

An SQL Error occurred in module: *&module*

Reason:

An SQL error occurred in the specified module. The SQL code and error text should follow this message.

Action:

The SQL code and error text can be used to diagnose and correct the problem.

RCX0008E

No parent key has been found for relationship REL

Reason:

A required parent key cannot be found for this relationship name.

Action:

The SQL code and error text can be used to diagnose and correct the problem.

RCX0009E

User and System key column mismatch for table -

CREATOR: *tbcreator*

NAME: *tbname*

Reason:

The column information for a user RI key does not match the DB2 catalog information.

Action:

Update the user RI key and try again.

RCX0010E

PARENT/CHILD KEYS ARE INCOMPATIBLE, PROCESSING HALTED.

Reason:

Processing has stopped because the parent and child keys are incompatible.

Action:

Fix the compatibility issues and continue.

RCX0013E

Internal error *diagnostic_details*

Reason:

An internal failure occurred during a load or extraction (regarding DDL generation or global changes). The message provides diagnostic details to help with error analysis.

Typically, this message appears if a problem occurs when you specify to extract DDL (to gather information from the DB2 catalog to automatically create target objects).

Action:

Contact CA Technical Support, and provide return codes, reason codes, and other diagnostic information from the message. Also indicate whether the error occurred during an extraction or load.

Note: You can circumvent the error by running the extraction or load process without specifying to automatically create the target objects. You can then create the target objects outside of CA RC/Extract.

RCX009E

Error opening Extract object &EXTOBJ

Reason:

An error occurred while attempting to open the Extract Object data set.

RCX0201E

An error occurred while parsing the Extract parameters.

Reason:

While parsing the parameters supplied to the Extract, an invalid parameter was found or incorrectly formatted.

Action:

If the parameters have been edited, correct the parameters and resubmit.

RCX0202E

No input parameters were supplied to the Extract.

Action:

If the parameters have been edited, correct the parameters and resubmit.

RCX0203E

The Extract Engine has ABENDEd. ABEND CODE: &ABEND.

Reason:

An abend occurred while processing an Extract.

RCX0204I

Step &S. Iteration &I. &creator..&NAME. beginning.

Reason:

This is an informational message stating the specified step/iteration of the Extract has begun.

RCX0205I

The following where-clause will be applied to this table.

Reason:

This is an informational message stating the where-clause displayed after the message will be applied to the specified table for this step/iteration of the Extract.

RCX0206I

&ROWS. row(s) extracted.

Reason:

This is an informational message stating the number of rows extracted for this step/iteration of the Extract.

RCX0207I

Step &S. Iteration &I. &creator..&NAME. complete.

Reason:

This is an informational message stating the specified step/iteration of the Extract has completed.

RCX0212I

**PFU will be used to extract data but bypass writing all rows.
RCX will be used to write the rows.**

Reason:

SPLIT(NO) EXTRACT was executed using CA Fast Unload.

Action:

None.

RCX0213I

PFU will be used to extract data and write the rows.

Reason:

SPLIT(YES) EXTRACT was executed using CA Fast Unload.

Action:

None.

RCX0215E

ADD VERSIONING FOR THE TABLE NEEDS TO BE DONE MANUALLY

Reason:

The history table that is linked to the base temporal table is loaded to a normal table.

Action:

Add the versioning information manually by linking the temporal table to the history table.

RCX0401E

Using Fast Unload during extrAction:, requires the source object reside on a local subsystem.

Reason:

Extracting from a remote subsystem is not supported when using CA Fast Unload as the access method.

Action:

Use SQL as the access method or perform the extraction from the local subsystem.

RCX0402I

SQL Access will be used for all tables during the extrAction:. Source objects are located on a remote subsystem.

Reason:

When an asterisk '*' is specified for the Extract Method, the program will determine the appropriate method to use, SQL or PFU. In this case, the objects are located on a remote subsystem and the SQL access method is required.

RCX0403E

Using Fast Unload during extrAction:, requires the extrAction: executed as a batch job.

Reason:

When an asterisk '*' is specified for the Extract Method, The program will determine the appropriate method to use, SQL or PFU. In this case, PFU is acceptable, but the job has been submitted as a batch job.

RCX0404I

SQL Access will be used for all tables during the extrAction:. ExtrAction: is executing online.

Reason:

When an asterisk '*' is specified for the Extract Method, The program will determine the appropriate method to use, SQL or CA Fast Unload. In this case, the SQL access method has been chosen.

RCX0405E

Using Fast Unload during extrAction: requires a license to Computer Associate's Fast Unload.

Reason:

A current license is required to use the Fast Unload access method during an Extract.

RCX0406I

SQL Access will be used for all tables during the extrAction:. Unload has not been licensed.

Reason:

When an asterisk '*' is specified for the Extract Method, the program will determine the appropriate method to use, SQL or CA Fast Unload. In this case, a license has not been found and the SQL access method has been chosen.

RCX0407I

ExtrAction: from an image copy has been requested.
Fast Unload will be used to extract data from table &creator..&NAME.

Reason:

When an asterisk '*' is specified for the Extract Method, the program determines the appropriate method to use, SQL or CA Fast Unload. In this case, extraction from an image copy was selected for this table and the access method has been chosen.

RCX0408I

Index access is unavailable.
Fast Unload will be used to extract data from table &creator..&NAME.

Reason:

When an asterisk '*' is specified for the Extract Method, the program will determine the appropriate method to use, SQL or CA Fast Unload. In this case, index access is unavailable for this table and the access method has been chosen.

RCX0409I

Index access is available.
Fast Unload will be used to extract data from table &creator..&NAME.

Reason:

When an asterisk '*' is specified for the Extract Method, CA RC/Extract determines the appropriate method to use, SQL or CA Fast Unload. In this case, index access is available for this table and the SQL access method has been chosen.

RCX0410E

A Fast Unload error occurred.
See PTIMSGxx for further details.

Reason:

An error occurred while performing an extraction using the CA Fast Unload access method.

Action:

View the PTIMSGxx data set to diagnose the problem. Correct the problem and resubmit.

RCX0410E

An error occurred while attempting to allocate SYSIMAG for Fast Unload execution.

Reason:

An error occurred while attempting to create the SYSIMAG data set for extraction using the CA Fast Unload access method. It is possible the data set already exists.

Action:

Correct the problem and resubmit.

RCX1001E

RC/EXTRACT &PROCESS1 &PROCESS2 INCOMPLETE.

Reason:

This is an informational message stating the specified process ended in an incomplete status. Additional error messages will detail the specific problem.

RG Messages

Messages with the RG prefix are generated from General Facilities.

RG001E

USER ID REQUIRED.

Action:

You must enter an ID in the Grant To or Retrieve For fields. Optionally, you can enter an ID in the Copy From field if you have specified a Grant To ID.

RG002E

Action: CODE MUST BE (G) FOR GRANT, (R) FOR REVOKE, OR (N) FOR NONE.

Reason:

You have entered an invalid action code in the Authorization field. Valid action codes are: G, R, and N.

RG003E

SQL ERROR HAS BEEN ENCOUNTERED => *sql_error*.

Reason:

The SQL error whose number displays in the message was encountered by the General Applications. The SQL error detected is not necessarily a problem with the product. It may be caused by contention or lockout.

Action:

Try the function again.

RG004E

DB2 SYSTEM NOT OPERATIONAL.

Reason:

The DB2 subsystem ID (SSID) specified on the General Facilities screen is not operational.

Action:

Check to be sure that the correct SSID is entered. See your DB2 systems administrator for more information.

RG005E

FREEZE OPTION MUST BE (F) FOR FREEZE, (R) FOR RELEASE, OR (N) FOR NO.

Reason:

You have entered an invalid Option for RC/QUERY. Valid options are: F, R, and N.

RG006E

ISPF ERROR *error* FOR ISPF FUNCTION *function*.

Reason:

ISPF has encountered the specified error on the specified ISPF function.

Action:

See your ISPF reference manuals for more information.

RG007E

ACTION: CODE MUST BE (G), (Y), (R), OR (N).

Reason:

You have entered an invalid action code in the Authorization field. Valid action codes are: G, Y, R, and N.

RG008E

RC=return_code,reason_code message_details

Reason:

An unexpected response occurred during initialization of a service or when DB2 was trying to connect or disconnect.

Action:

Consult the IBM DB2 Messages and Codes manual for information that can help you address DB2 connection issues.

If the problem persists, contact CA Technical Support. Provide return codes, reason codes, the message text, and a description of what function is being attempted when the message appears.

RG009E

PTILIB HAS NOT BEEN ALLOCATED.

Reason:

PTILIB, the library containing the products is not allocated.

Action:

Check to see why PTILIB is not allocated. It should be allocated in the CLIST that allocates the products libraries.

RG010E

Action: CODE MUST BE (Y) FOR YES, (R) FOR REVOKE, OR (N) FOR NONE.

Reason:

You have entered an invalid action code in the Authorization field. Valid action codes are: Y, R, and N.

RG011E

INVALID COMMAND.

Reason:

You have entered an invalid command.

Action:

You can enter a question mark (?) in any command line to display a list of valid commands.

RG012W

NO SELECTIONS MADE.

Reason:

You selected an ID with the "C" (Copy) option on the Alternate Catalog Mapping Service screen, but did not specify an ID to copy to.

Action:

To use the Copy option, you must select a Copy To ID or enter a new ID in the first line.

RG013E

COPY-FROM-ID (*user_id*) NOT FOUND.

Reason:

The Copy From ID you have specified does not have an ACM listing defined.

Action:

Check to see if you have specified the correct ID. You can return to the Alternate Catalog Mapping Service screen to list all IDs defined in ACM.

RG014I

VALUES USED FROM COPYID ==> *user_id*.

Reason:

You used the "C" (Copy) option on the Alternate Catalog Mapping Service screen to copy the ACM values from one ID to another. Indicates which ID's values were used. This does not indicate a problem.

RG015W

COPY-FROM ID (*user_id*) NOT FOUND.

Reason:

The Copy From ID you have specified does not have an ACM listing defined.

Action:

Check to see if you have specified the correct ID. You can return to the Alternate Catalog Mapping Service screen to list all IDs defined in ACM.

RG016I

COPY-FROM ID NOT SPECIFIED.

Reason:

You selected an ID for ACM updates, but did not specify a Copy From ID. This message is information only and does not indicate a problem.

RG018E

SQL ERROR HAS BEEN ENCOUNTERED ==> *sql_error*.

Reason:

DB2 has encountered the specified SQL error. See IBM *DB2 Messages and Codes* for more information.

RG019E

ALTERNATE CREATOR AND NAME ASSIGNMENTS MUST BE NON-BLANK.

Action:

You must specify a Creator ID and Name for all alternate catalog table names. The highlighted entries are missing Creator IDs and/or Names. Complete the entries.

RG020E

ACTION: CODE MUST BE (Y) OR (N).

Reason:

You have entered an invalid action code. Valid action codes are: Y and N.

RG021E

RETRIEVE FOR USER ID MUST BE THE ONLY ID SPECIFIED.

Action:

You can specify a Grant To ID or a Retrieve For ID, but not both. If you want to copy one user's authority to another, use the Grant To and Copy From fields. The Retrieve For field is for displaying authorizations, not changing or copying them.

RG022E

CHANGE-ID OR RETRIEVE-ID MUST BE THE ONLY ID SPECIFIED.

Action:

You can specify a Grant To ID or a Retrieve For ID, not both. If you want to copy one user's authority to another, use the Grant To and Copy From fields. The Retrieve For field is for displaying authorizations, not changing or copying them.

RG024W

REQUEST CANCELED.

Reason:

You entered the CANCEL command and your request has been canceled successfully. This message is a warning only and does not indicate a problem.

RG025E

DB2 ALTER MUST BE (Y) WHEN RC/ALTER IS (Y).

Reason:

From the Product Authorization screen, you have selected to access the RC/UPDATE Authorization screen. From this screen, you have specified "N" within the DB2 Alter column for an object and specified "Y" within the RC/ALTER column for that same object. If you want the user to have authority to use RC/ALTER, you must also allow that user to have DB2 Alter authority.

RG028E**STORAGE ACQUISITION ERROR.****Reason:**

Enough storage is not available.

Action:

Try increasing your region size.

RG029E**INTERNAL ERROR.****Reason:**

Indicates an internal problem with General Applications.

RG030E**SQL ERROR HAS BEEN ENCOUNTERED => *sql_error*.****Reason:**

DB2 has encountered the specified SQL error. See the IBM *DB2 Messages and Codes* manual for more information.

RG031E**ONLY ONE USERID MAY BE SELECTED WITH "C" FOR COPY-FROM.****Reason:**

To use the "C" (Copy) option on the Alternate Catalog Mapping Service screen, you must specify only two IDs: the Copy From ID and the Copy To ID. You have specified two Copy From IDs. Select only one Copy From ID and try again.

RG032E

LOAD FOR "PTLDBSYS" FAILED.

Reason:

The specified DB2 subsystem ID could not be located in the products parameter block (PTLDBSYS load module). The parameter block is created at install time. It should contain an entry for each DB2 subsystem that you intend to access via CA products.

Action:

Check that the DB2 subsystem ID has not been misspelled. If the subsystem ID is correct, contact your System Administrator and request that the subsystem to be added to the parameter block.

RG033I

THE SQL TO CONVERT THE PLANS HAS BEEN CREATED.

Reason:

Informs you that the plan conversion has created the SQL statements needed for the plan conversion process. The SQL statements have been written to the data set specified for plan conversion.

RG034I

CANCEL DETECTED FROM PLAN CONVERSION, NO SQL HAS BEEN CREATED.

Reason:

Informs you that the plan conversion has not created the SQL statements needed for the plan conversion process because the CANCEL command has been issued.

RG035E

AN ERROR OCCURRED DURING THE PLAN CONVERSION, CONTACT SUPPORT.

Reason:

An internal error occurred during plan conversion.

RG036E**MODELID @DEFAULT NOT FOUND IN MODEL TABLE.****Reason:**

An install error has occurred because the @DEFAULT model ID could not be found.

Action:

Check that this model ID has been loaded to the model table.

RG037E**ACTION: CODE MUST BE (Y), (N), OR (E).****Reason:**

An invalid action code has been entered.

Action:

Enter Y, N, or E.

RG038E**CONNECTION TO SPECIFIED SUBSYSTEM FAILED.****Reason:**

The connection to the specified subsystem could not be made.

Action:

Check the subsystem name. If it is correct, check with your systems operator to determine the cause of a connection failure to that subsystem.

RG040I**SELECT SUBSYSTEM FOR THE GRANT TO USER ID.****Action:**

You must select a DB2 subsystem for the GRANT TO ID field. The subsystem specifies which authorities will be granted for a user ID on a given subsystem. For example, if you request to GRANT TO ID USERA for subsystem D23A, user USERA will only have authorities granted on D23A.

RG041I

SELECT SUBSYSTEM FOR THE COPY/RETRIEVE FROM USER ID.

Reason:

You must select a DB2 subsystem for the COPY FROM ID field if you are copying authorities or select a DB2 subsystem for the RETRIEVE FOR ID field if you are retrieving authorities. The subsystem specifies which authorities will be copied/retrieved for a user ID on a given subsystem. For example, if you request to RETRIEVE FOR ID USERA on subsystem D23A, user USERA will only have authorities retrieved from D23A.

RG043E

OPERAND MUST BE LESS THAN OR EQUAL TO EIGHT CHARACTERS.

Reason:

Indicates that when you enter the SECONDS command in product authorizations, the operand must be less than or equal to eight characters.

RG044E

SECONDS COMMAND REQUIRES THE USERID OPERAND.

Reason:

Indicates that when using the SECONDS command in product authorizations, you must use the userid operand.

RG045E

ACCUMULATION MUST BE YES OR NO. RG046I THIS ID HAS NO ROW IN THE TABLE. PRESS PF1 FOR MORE INFO.

Reason:

The ID you have retrieved has no RC/U restrictions without considering secondary IDs. If the ID has no secondary IDs and the PUBLIC ID has not been restricted, this ID has no restrictions. However, secondary IDs and the PUBLIC ID may have some affect on the user's access to RC/U functions.

Action:

Check this ID with the Accum IDs flag set to YES to check the IDs authorities with secondary IDs and PUBLIC authorities accumulated.

RG047E

INVALID COMMAND. ACCEPTABLE VALUES ARE C, D, AND S.

Action:

Use one of the values specified in this message for the command code.

RG048I

COMMAND CODE MUST BE C=COPY, D=DELETE, OR S=SELECT.

Action:

Use one of the values specified in this message for the command code.

RG078E

100 SQLERROR. IF USING ACM, OBJECT MAY HAVE BEEN DROPPED.

Reason:

DB2 has encountered a -100 SQL error. If ACM is in use, the object may no longer exist in the alternate catalog but may exist in the the system catalog.

RG079E

MAKETAB is not allowed while running DB2 in ENFM Mode

Reason:

ACM MAKETAB requires DB2 to be running in COMPATIBILITY or NEW FUNCTION Mode.

MAKETAB processing is not available when DB2 is running in ENFM Mode in which objects can potentially exist in a COMPATIBILITY or NEW FUNCTION Mode state.

RI Messages

Messages with the RI prefix are generated from RI Manager.

Note: The explanation and related actions for these messages are available online (by pressing PF1 while the message is displayed).

RIV Messages

Messages with the RIV prefix are generated from RI Manager.

RIV001E

001NO SYSTEM COLUMN INFORMATION FOUND FOR PARENT TABLE.

Reason:

RI Manager was unable to find column information for the parent table in the DB2 system catalog. The column could have been dropped from the table.

RIV002I

CORRECTIVE ACTION - RELATIONSHIP WILL BE DROPPED.

Reason:

As part of the corrective action, the RI relationship will be dropped.

RIV003E

NO PRIMARY KEY FOUND FOR PARENT TABLE.

Reason:

The primary key for the parent table could not be found. The primary key could have been deleted.

RIV004I

CORRECTIVE ACTION - RELATIONSHIP WILL BE DROPPED.

Reason:

As part of the corrective action, the RI relationship will be dropped.

RIV005E

SYSTEM-DEFINED AND USER-DEFINED PRIMARY KEY BOTH EXIST.

Reason:

RI Manager has determined that both system-defined and user-defined primary keys exist. One of the keys could have been created outside of RI Manager.

RIV006I

CORRECTIVE ACTION - USER-DEFINED PRIMARY KEY WILL BE DROPPED.

Reason:

As part of the corrective action, the user-defined primary key will be dropped.

RIV007E

SYSTEM COLUMN INFORMATION AND USER KEY INFORMATION DO NOT MATCH.

Reason:

RI Manager has determined that the system column information does not match the user-defined key column information.

RIV008I

CORRECTIVE ACTION - USER COLUMNS WILL BE UPDATED.

Reason:

As part of the corrective action, the user-defined column information will be updated to the system information.

RIV009I

DSNT400I SQLCODE = 000, SUCCESSFUL EXECUTION

Reason:

The SQL statement has executed successfully.

RIV010I

PRIMARY KEY O.K.

Reason:

RI Manager has verified that all the primary key information is correct.

RIV011E

ALL PARENT COLUMNS IN PRIMARY KEY WERE NOT FOUND

Reason:

RI Manager was unable to locate all the parent columns specified in the primary key in the system catalog.

RIV012I

CORRECTIVE ACTION - RELATIONSHIP WILL BE DROPPED.

Reason:

As part of the corrective action, the RI relationship will be dropped.

RIV013E

UNIQUE INDEX FOR PARENT TABLE NOT FOUND.

Reason:

RI Manager was unable to locate a unique index for the parent table in the system catalog.

RIV014I

CORRECTIVE ACTION - UNIQUE INDEX WILL BE CREATED.

Reason:

As part of the corrective action, a unique index will be created.

RIV015I

PARENT TABLE FOUND.

Reason:

RI Manager has located the parent table in the system catalog.

RIV016E

PARENT TABLE NOT FOUND.

Reason:

RI Manager was unable to locate the parent table in the system catalog.

RIV017I

CORRECTIVE ACTION - RELATIONSHIP WILL BE DROPPED.

Reason:

As part of the corrective action, the RI relationship will be dropped.

RIV018I

CHILD TABLE FOUND.

Reason:

RI Manager has located the child table in the system catalog.

RIV019E

CHILD TABLE NOT FOUND.

Reason:

RI Manager was unable to locate the child table in the system catalog.

RIV020I

CORRECTIVE ACTION - RELATIONSHIP WILL BE DROPPED.

Reason:

As part of the corrective action, the RI relationship will be dropped.

RIV021E

SYSTEM-DEFINED AND USER-DEFINED RELATIONSHIP BOTH EXIST.

Reason:

RI Manager has determined that both system-defined and user-defined RI relationships exist. One of the RI relationships could have been created outside of the program.

RIV022I

CORRECTIVE ACTION - USER-DEFINED RELATIONSHIP WILL BE DROPPED.

Reason:

As part of the corrective action, the user-defined RI relationship will be dropped.

RIV023E

USER FOREIGN KEY COLUMNS NOT FOUND IN SYSTEM CATALOG.

Reason:

RI Manager was unable to locate the user-defined foreign keys in the system catalog.

RIV024I

FOREIGN KEY O.K.

Reason:

The foreign key is OK.

RIV025I

NO ERRORS FOUND.

Reason:

RI Manager has found no errors.

RIV029E

USER FOREIGN KEY MISSING.

Reason:

RI Manager has been unable to locate the user-defined foreign key in the user RI tables.

RIV030E

USER FOREIGN KEY DOES NOT MATCH PRIMARY KEY.

Reason:

RI Manager has determined that the user-defined foreign key does not match the primary key.

RIV031E

SYSTEM COLUMN INFORMATION AND FOREIGN KEY INFORMATION DO NOT MATCH.

Reason:

The program has determined that the system column information does not match the foreign key column information.

RIV032I

NO USER-DEFINED RI EXISTS FOR THIS RELATIONSHIP.

Reason:

The program has been unable to locate any user-defined RI for this relationship.

RIV033I

RI MANAGER VERIFICATION BEGINNING.

Reason:

Verification is beginning.

RIV034I

RI MANAGER VERIFICATION COMPLETE.

Reason:

Verification is complete.

RIV035E

NO INPUT SUPPLIED TO VERIFICATION.

Reason:

No input has been supplied to the RI Manager Verification process.

RIV036E

NOT ENOUGH MEMORY, INCREASE REGION.

Reason:

The program could not obtain enough memory to continue processing your request.

Action:

Possible solutions to this condition are as follows:

- Exit any split screen sessions that might be in effect.
- Increase the region size of your TSO LOGON procedure.

Note: We recommend a region size of 2048 to 3072 KB.

RIV037E

LICENSE FOR RI MANAGER HAS EXPIRED.

Reason:

Your site license has expired.

Action:

Contact your System Administrator to renew the license with your CA Sales Representative.

RIV038E

INVALID DB2 SYSID.

Reason:

You have specified an invalid DB2 sysid.

Action:

Check with your System Administrator for the valid DB2 sysids at your site.

RIV039E

DB2 SYSID NOT SPECIFIED AS PARM.

Reason:

The Batch Processor command .CALL VERIFY PARM(ssid) did not contain the required DB2 subsystem ID as a parameter.

Action:

Correct the syntax of the .CALL VERIFY statement, as shown above.

Chapter 6: RM to RO

RM Messages

Messages with the RM prefix are generated from CA RC/Compare, RC/Merger, and CA RC/Migrator.

RM000I

ENTER YOUR PROFILE PARAMETERS BELOW. PRESS HELP FOR MORE INFO. The parameters are used from session to session and retained in the RCPROF member of the data set that you have allocated to your ISPPROF ddname.

RM001E

DB2 ENVIRONMENTAL MODULE DSNHDECP CANNOT BE LOADED. PRESS HELP.

Reason:

The program was unable to successfully load the DB2 environmental descriptor load module, DSNHDECP. Failure to load this module could be caused by not having the proper DB2 load libraries allocated. We recommend that you place the DB2 load library in your LINKLIST concatenation.

You can do this by updating SYS1.PARMLIB member LNKLSTxx. If you do not want to place this library in your LINKLIST concatenation, you must allocate it to your TSO session STEPLIB.

Action:

To do this, you must update the appropriate TSO LOGON PROC member of your PROCLIB data set. If this is not possible, you can allocate the DB2 loadlib to the ISPLLIB DDNAME prior to entering the ISPF environment.

RM002E

UNABLE TO OPEN PTILIB DDNAME FOR INTERNAL PROCESSING. PRESS HELP.

Reason:

The program was unable to successfully open the PTILIB DDNAME. This data set is used by the program to access load modules for internal processing. Without this data set, processing cannot continue and has been terminated. Check to see why PTILIB is not allocated. It should be allocated in the CLIST that allocates the CA Products libraries.

RM00246E

An error occurred. MESSAGES RETURNED FROM PTM MMGR INTERFACE FOLLOW.

RM00258I

Automap process has been invoked: *production_release_level*

Reason:

If you encounter problems with the Automap process, Technical support requires this information to help resolve the problem.

RM003E

YOU HAVE ENTERED AN INVALID COMMAND. Enter a ? on any command line or PRESS HELP FOR MORE INFO.

RM004E

YOU HAVE ENTERED AN INVALID COMMAND FOR THE PROFILE. Enter a ? on any command line or PRESS HELP. HELP, EXIT, MAIN, and X are valid.

RM005E

LINK TO SUB-SERVICE MODULE HAS FAILED. PRESS HELP FOR MORE INFO.

Reason:

The program was unable to successfully LINK to one of its main subservice modules. This can be caused by not having the CA product library DDNAME allocated properly. The DDNAME that should be allocated is PTILIB and that library contains the subroutine services needed by the program.

RM006E

SUB-SERVICE BLDL CONSTRUCTION FAILURE. PRESS HELP FOR MORE INFO.

Reason:

The program was unable to construct the Build Directory Entry List (BLDL) due to one or more entries not being found in the PTILIB DDNAME.

Action:

This could be caused by not having the PTILIB allocated or not having allocated to the correct data set. Check to see which library is allocated. PTILIB should be allocated in the CLIST that allocates the CA Products libraries.

RM007E

SUB-SERVICE BLDL CONSTRUCTION FAILURE. PRESS HELP FOR MORE INFO.

Reason:

The program was unable to construct the Build Directory Entry List (BLDL) due to a permanent I/O error. This could be caused by a hardware error or a corruption of the data sets holding the CA products.

Action:

First you should check to make sure that the PTILIB DDNAME is properly allocated to the CA products library. If that allocation looks good and the problem persists, check with your DASD manager to see if there is a hardware error.

RM008E

SUB-SERVICE BLDL CONSTRUCTION FAILURE. PRESS HELP FOR MORE INFO.

Reason:

CA RC/Secure was unable to construct the Build Directory Entry List (BLDL) due to insufficient virtual storage.

Action:

Ensure that you are logged on to TSO with at least 3000 KB for your region size.

RM009E

SUB-SERVICE BLDL CONSTRUCTION FAILURE. PRESS HELP FOR MORE INFO.

Reason:

CA RC/Secure was unable to construct the Build Directory Entry List (BLDL) due to a system failure of an undefined nature.

RM010E

YOU HAVE ENTERED AN INVALID STRATEGY SERVICES COMMAND. Enter ? on any command line or PRESS HELP.

RM011E

RC=ret_code, RCODE=r_code.

Reason:

The program was unable to successfully establish a thread to the specified DB2 subsystem through the Call Attachment Facility (CAF). The information in the message is the information that DB2 has returned to the CA CAF component. This should be enough to help you isolate and fix whatever the problem is.

RM012E

YOU HAVE ENTERED AN INVALID STRATEGY SELECTION. The screen redisplay with the invalid commands highlighted. PRESS HELP FOR MORE INFO.

RM013E

YOU MUST ENTER A VALID STRATEGY TYPE. PRESS HELP FOR VALID TYPE LIST.

RM014E

YOU MUST ENTER A STRATEGY NAME FOR CREATION. PRESS HELP FOR MORE INFO.

RM015E

YOU MUST ENTER A VALID SHARE OPTION (U,Y,N,X,L). HELP FOR MORE INFO.

RM016E

YOU MUST ENTER A SOURCE SUB-SYSTEM ID. PRESS HELP FOR MORE INFO.

Reason:

To create a new strategy, you must enter a valid source DB2 subsystem. The source SSID is used to control which DB2 subsystem the DB2 entities will be migrated from. Target SSID specification is done at analysis time.

Action:

Enter a valid source SSID.

RM017E

SELECT PRIMARY OBJECT TYPE WITH "A" OR "S". PRESS HELP FOR MORE INFO.

Reason:

When creating a new strategy, you selected an invalid object type.

Action:

Select a primary object type of **A** (ALL type strategy) or **S** (Selection screen appears for you to select objects).

RM018E

YOU MAY ONLY SELECT ONE PRIMARY OBJECT TYPE. PRESS HELP FOR MORE INFO.

Reason:

When creating a new strategy, you tried to select more than one primary object type.

Action:

You can select only one primary object type with **"A"** (ALL type strategy) or **"S"** (Selection screen appears for you to select objects).

RM019E

YOU MUST SPECIFY EITHER "S", "N", OR "Y". PRESS HELP FOR MORE INFO

Reason:

You have entered an invalid option in the WHERE prompt. The WHERE prompt is used for specifying an extended query that you want to use to control the DB2 SELECT statement that will be issued to construct the list of primary migration object types.

Action:

Valid options are as follows:

N-Use no EQF query for selection (default)

- S-Use the EQF query named in the second field of the WHERE prompt
- Y-Edit the EQF query named in the second field of the WHERE prompt

RM020I

SELECTED OBJECTS HAVE BEEN QUEUED. ENTER sHRINK TO VIEW QUEUE.

Reason:

The primary objects that you selected with the **S** line command have been placed on the selected primary migration object queue. This queue will be the basis for defining your migration strategy. To view the selection queue, enter the **SHRINK** command. The selected queue will be displayed.

Action:

You can remove the **S** to unselect objects. To return from the selected queue list, enter the **SHRINK** command again.

RM021E

THE ONLY VALID IMplode OPTION IS "A". PRESS HELP FOR MORE INFO.

Reason:

The Implode option you have specified is not valid.

Action:

A is the only valid Implode option. If you do not want to specify **A**, then leave the field blank.

RM022E

VALID EXplode OPTIONS ARE "A" AND "S". PRESS HELP FOR MORE INFO

Reason:

You have specified an invalid Explode option.

Action:

Valid options are as follows:

- **A**-Include all dependent objects of this type.
- **S**-Select dependent objects from an object selection list.

RM023E

YOU HAVE ENTERED AN INVALID LINE COMMAND. ENTER HELP FOR MORE INFO.

Reason:

The line command you have entered is invalid.

Action:

Valid line options are as follows:

- E-Edit the primary object definition.
- C-Clear any edits (changes) for the primary object.
- I-Insert more primary objects into the strategy.
- D-Delete the primary object from the strategy
- A-Select all Implode/Explode options with A.
- S-Select all Implode options with A, Explode options with S.
- R-Remove all Implode/Explode options.
- X-Select all Explode options with X.

RM024E

AUXILIARY IMplode MUST BE "Y", "N", OR " ". ENTER HELP FOR INFO

Reason:

You have specified an invalid auxiliary implode option.

Action:

Valid options are as follows:

- Y-Perform auxiliary implode for the object at analysis time.
- N-Do not perform auxiliary implode.

If you leave the field blank, you have indicated that you want control over this at analysis time.

RM025E

RI MUST BE "L", "G", "N", OR " ". ENTER HELP FOR INFO

Reason:

You have entered an invalid option for referential integrity.

Action:

Valid options are as follows:

- N-Perform no referential integrity on this strategy.
- L-Perform LOCAL referential integrity on this strategy.
- G-Perform GLOBAL referential integrity on this strategy.

By leaving this field blank, you have indicated that you want control over this at analysis time.

RM026E

SECURITY MUST BE "Y", "N", OR " ". ENTER HELP FOR INFO

Reason:

You have entered an invalid option for security.

Action:

Valid options are as follows:

- Y-Generate DCL to re-create any security authorizations that exist for this object.
- N-Do not generate DCL to re-create security.

By leaving this field blank, you have indicated that you want control over this at analysis time.

RM027E**ALL ROWS MUST BE "Y", "N", OR " ". ENTER HELP FOR INFO****Reason:**

You have entered an invalid option for All Rows.

Action:

Valid options are as follows:

- Y-Yes, include all rows.
- N-No, do not include all rows.

By leaving this field blank, you have indicated that you want control over this at analysis time.

RM028E**NUMBER OF ROWS MUST BE NUMERIC. ENTER HELP FOR INFO.****Reason:**

You have specified an invalid entry for Number or Rows.

Action:

Specify a numeric value or leave the field blank. By leaving this field blank, you have indicated that you want control over this at analysis time.

RM029E**EQF MUST BE "Y", "N", "S" OR " ". ENTER HELP FOR INFO****Reason:**

You have entered an invalid option in the WHERE prompt. The WHERE prompt is used for specifying an extended query that you want to use to control the DB2 SELECT statement for selecting data.

Action:

Valid options are as follows:

- N-Use no EQF query for selection (default).
- S-Use the EQF query named in the second field of the WHERE prompt.
- Y-Edit the EQF query named in the second field of the WHERE prompt.

RM030E

YOU MUST EXPLODE DATABASE BEFORE EXPLODING TABLESPACE. PRESS HELP.

Reason:

You have specified an invalid EXPLODE hierarchy on the strategy specification screen.

Action:

You must EXPLODE databases before you can EXPLODE table spaces because only table spaces whose parent database has been selected are eligible for selection.

RM031E

YOU MUST EXPLODE TABLESPACE BEFORE EXPLODING TABLE. PRESS HELP.

Reason:

You have specified an invalid EXPLODE hierarchy on the strategy specification screen.

Action:

You must EXPLODE table spaces before you can EXPLODE tables because only tables whose parent tablespace has been selected are eligible for selection.

RM032E

YOU MUST EXPLODE TABLE BEFORE EXPLODING INDEX. PRESS HELP FOR INFO.

Reason:

You have specified an invalid EXPLODE hierarchy on the strategy specification screen.

Action:

You must EXPLODE tables before you can EXPLODE indexes because only indexes whose parent table has been selected are eligible for selection.

RM033E

YOU MUST EXPLODE TABLE BEFORE EXPLODING VIEW. PRESS HELP FOR INFO.

Reason:

You have specified an invalid EXPLODE hierarchy on the strategy specification screen.

Action:

You must EXPLODE tables before you can EXPLODE views because only views whose parent table has been selected are eligible for selection.

RM034E

YOU MUST EXPLODE TABLE OR VIEW BEFORE EXPLODING SYNONYM. PRESS HELP.

Reason:

You have specified an invalid EXPLODE hierarchy on the strategy specification screen.

Action:

You must EXPLODE tables or views before you can EXPLODE synonyms because only synonyms whose parent table or view has been selected are eligible for selection.

RM035E

YOU HAVE ENTERED AN INVALID LINE COMMAND. ENTER HELP FOR MORE INFO

Reason:

You have entered an invalid line command.

Action:

Specify a valid line command. The following line commands are valid:

- C (clear any edits)
- E (edit)
- S (select)
- U (unselect)

You can also enter CA RC/Query report options. The options available depend on the object type. Valid options are as follows:

- C-Column
- D-Detail
- DB-Database
- I-Index
- L-List
- P-Plan
- PA-Plan Authorization
- S-Synonym
- T-Table
- TS-Tablespace
- UA-User Authorizations

- UL-User List
- V-View

You can also enter table options:

- B-Browse
- FB-Fast Browse

RM036E

SECURITY MUST BE "Y", "N", OR " ". ENTER HELP FOR INFO

Reason:

You have entered an invalid option for Security.

Action:

Valid options are as follows:

- Y-Generate DCL to re-create any security authorizations that exist for this object.
- N-Do not generate DCL to re-create security.

By leaving this field blank, you have indicated that you want control over this at analysis time.

RM037E

ALL ROWS MUST BE "Y", "N", OR " ". ENTER HELP FOR INFO

Reason:

You have entered an invalid option for All Rows.

Action:

Valid options are as follows:

- Y-Yes, include all rows.
- N-No, do not include all rows. No, do not include all rows.

By leaving this field blank you have indicated that you want control over this at analysis time.

RM038E

NUMBER OF ROWS MUST BE NUMERIC. ENTER HELP FOR INFO.

Reason:

You have specified an invalid entry for Number or Rows.

Action:

The valid must be numeric or blank. By leaving this field blank, you have indicated that you want control over this at analysis time.

RM039E

EQF MUST BE "Y", "N", "S", OR " ". ENTER HELP FOR INFO

Reason:

You have entered an invalid option in the WHERE prompt. The WHERE prompt is used for specifying an extended query that you want to use to control the DB2 SELECT statement for selecting data.

Action:

Valid options are as follows:

- N-Use no EQF query for selection
- S-Use the EQF query named in the second field of the WHERE prompt
- Y-Edit the EQF query named in the second field of the WHERE prompt

RM040I

YOUR CURRENT STRATEGY DEFINITION HAS BEEN SAVED. PRESS HELP FOR MORE INFO.

Reason:

Your strategy has been saved. The object selection portion of your strategy has been saved in the DB2 table PTI.PTMG1_STRAT_0200. The objects that have been edited have had their changes saved in the table PTI.PTMG2_ALTER_0200.

Action:

This is an informational message. No action is required.

RM041I

REQUESTED STRATEGY HAS BEEN DELETED. PRESS HELP FOR MORE INFO.

Reason:

The strategy you flagged for deletion, by placing a D on the line command, has been successfully deleted. The object selection portion of your strategy has been deleted from the DB2 table PTI.PTMG1_STRAT_0200. The objects that have been edited have been deleted from the DB2 table PTI.PTMG2_ALTER_0200.

Action:

This is an informational message. No action is required.

RM042E

YOU HAVE ENTERED AN INVALID LINE COMMAND. PRESS HELP FOR MORE INFO.

Reason:

You have entered an invalid line command while viewing the analysis MSGFILE. Included in this display are details concerning whatever caused problems during the online analysis.

Action:

Use online help to select a valid line command.

RM043I

YOUR BATCH ANALYSIS JOB HAS BEEN SUBMITTED. PRESS HELP FOR MORE INFO.

Reason:

You have successfully submitted your batch job.

Action:

This is an informational message. No action is required.

RM044I

YOUR BATCH ANALYSIS JOB HAS BEEN WRITTEN TO THE REQUESTED DATA SET.

Reason:

The JCL job stream for your batch analysis has been successfully written to the data set you requested.

Action:

You can run the analysis at any time by submitting that job for execution.

RM045E

UNABLE TO ALLOCATE THE INTERNAL READER. PRESS HELP FOR MORE INFO.

Reason:

The product was unable to allocate the internal reader to submit your batch analysis job.

RM046E

UNABLE TO OPEN THE INTERNAL READER. PRESS HELP FOR MORE INFO.

Reason:

The product is unable to open the internal reader to submit your batch analysis job.

RM047I

SELECT A MEMBER TO CONTAIN YOUR BATCH ANALYSIS JCL.

PRESS HELP FOR INFO.

Reason:

You should select a member from the member selection list for your Batch Analysis JCL to go to. The member you select will be opened for output and written to.

Action:

This is an informational message. No action is required.

RM048E

UNABLE TO ALLOCATE BATCH JCL DATA SET. PRESS HELP FOR MORE INFO.

Reason:

The product was unable to allocate the data set that you have specified for your JCL to run Batch Analysis.

RM049E

UNABLE TO OPEN YOUR BATCH JCL DATA SET. PRESS HELP FOR MORE INFO.

Reason:

The product was unable to open the data set that you have specified for your JCL to run Batch Analysis.

RM050E

ENTER A VALID ANALYSIS EXECUTION MODE. PRESS HELP FOR MORE INFO.

Reason:

You have not entered a valid analysis execution mode.

Action:

Valid modes are "O" (Online) and "B" (Batch).

For online, the analysis is run in your TSO address space. You will probably only want to use this for analysis of small strategies, as your terminal will be occupied for the duration of the analysis.

Batch analysis lets you submit the JCL to run analysis directly to the internal reader or to send the JCL to a data set for later submission.

RM051I

ONLINE ANALYSIS HAS BEEN TERMINATED BY ATTN.

PRESS HELP FOR INFO.

Reason:

You pressed the ATTN key while performing online analysis. When you press ATTN, The program detaches the analysis subtask immediately, providing you with an expedient way to terminate an analysis that you do not want to wait for. Once the analysis TCB is detached, a message will be written to your analysis output data set that indicates the canceled status of the analysis run.

Action:

This is an informational message. No action is required.

RM052I

ANALYSIS OPTIONS HAVE BEEN SET.

PRESS HELP FOR INFO.

Reason:

The analysis options you have entered have been set. These options will be used to construct the PARMFILE data set for the Analysis component. If you want to change any of these options, you can do so by entering "Y" for Update Options at any point.

Action:

This is an informational message. No action is required.

RM053I

GLOBAL MIGRATION CHANGES HAVE BEEN SET.

PRESS HELP FOR INFO.

Reason:

The Global Migration changes that you have entered have been set. These options will be saved until you update them by entering "U" for the Global Changes prompt. If you want to remove these options, replace the "Y" with an "N" and the Global Changes will be reset to blank.

Action:

This is an informational message. No action is required.

RM054I

GLOBAL MIGRATION CHANGES HAVE BEEN UPDATED.

PRESS HELP FOR INFO.

Reason:

The Global Migration Updates that you have made have been set. These updates will be saved until you update them by entering "U" again for Global Changes. If you want to remove these options, replace the "Y" with an "N" and the Global Changes will be reset to blank.

Action:

This is an informational message. No action is required.

RM055I

ANALYSIS GLOBAL CHANGES HAVE BEEN REMOVED.

PRESS HELP FOR INFO.

Reason:

The Global changes have been removed. If you want to enter new changes, enter Y or S at the Global Changes prompt.

Action:

This is an informational message. No action is required.

RM056E

ATTACHMENT OF OBJECT TREE SUBTASKS HAS FAILED.

Reason:

An MVS ATTACH attempt has failed. This error could be caused by a lack of memory or because the module is not in the correct library.

Action:

Check to see if PTILIB is allocated correctly. It should be allocated in the CLIST that allocates the CA Products libraries.

RM057E**SQL ERROR DETECTED IN OBJECT TREE CONSTRUCTION SUBTASKS.****Reason:**

The SQL error detected is not necessarily a problem with the product. It may be caused by contention or lockout.

Action:

Try the function again.

RM058E**INSUFFICIENT STORAGE TO CONSTRUCT OBJECT TREE. Increase your region size.****RM059I****REQUESTED OBJECTS HAVE BEEN DELETED. PRESS HELP FOR MORE INFO****Reason:**

The objects you have requested have been deleted. They are no longer part of your strategy and will not be generated at analysis time.

Action:

This is an informational message. No action is required.

RM060E**YOU HAVE ENTERED AN INVALID LINE COMMAND.****ENTER HELP FOR MORE INFO****Reason:**

You have specified an invalid line command in the scrollable portion of the current screen.

Action:

Valid line commands are as follows:

- E-Edit object's definition.
- D-Delete the object from the list of selected objects.
- T-Template the object's definition to create a new object.

RM061E

GLOBAL CHANGES ARE NOT ALLOWED FOR ALTER TYPE. PRESS HELP FOR MORE INFO.

Reason:

You have specified an invalid option for Global Migration Changes. Global Migration Changes are not allowed for Alteration type strategies. To make any changes that you need for an alteration, you should edit the object definition prior to analysis. If you need to take advantage of the Global Changes feature, then you should use a migration in-place.

Action:

This is an informational message. No action is required.

RM062E

YOU HAVE ENTERED AN INVALID ANALYSIS ROW SELECTION. HELP FOR INFO.

Reason:

The program has detected an invalid analyses selection on the Strategy Services panel. The panel is redisplayed with the invalid line commands highlighted, so you can easily locate and correct them.

Action:

Valid line commands are as follows:

- A-Perform Analysis on strategy using associated data set and options.
- B-Browse named data set.
- C-Submit the named analysis output to the syntax Checker.
- D-Delete associated analysis row from the strategy table.
- E-Edit named analysis output.
- G-View Global changes associated with analysis row, or, if it is an ICL entry, the ICL to DDL Group Analysis panel displays.
- P-Protect analysis row from explicit or implicit delete requests.
- M-Perform a Move analysis using previous move analysis options.
- O-View analysis Options associated with analysis row.
- R-Submit the associated Recovery strategy for execution.
- S-Submit named analysis output for batch processor execution.
- U-Update the quick migration analysis (Q type strategies only).
- X-Enter eXecution display for named analysis output.
- I-List the comment tagged to the RC/M managed analysis output.

RM063I

REQUESTED STRATEGY ANALYSIS ROWS HAVE BEEN DELETED.

PRESS HELP FOR INFO.

Reason:

The analysis rows that you flagged for deletion have been successfully deleted. These rows reflect information about a specific incident of strategy analysis, and record information about the data set that DDL was put into, the user who ran analysis, the date and time analysis was run, the options specified for the analysis, and the global migration changes specified for the analysis. These rows were saved as part of the strategy information in the DB2 table PTI.PTMG1_STRAT_0200.

Action:

This is an informational message. No action is required.

RM064E

SPECIFIED DATA SET OR MEMBER NO LONGER EXISTS.

PRESS HELP FOR INFO.

Reason:

The program has detected a missing data set or member while trying to satisfy your edit/browse request. This means that your analysis output data set no longer exists or is uncataloged.

RM065I

SPECIFIED ANALYSIS HAD NO GLOBAL CHANGES SPECIFIED.

PRESS HELP FOR INFO.

Reason:

There are no global change rows for the analysis execution you requested. This means that when the analysis was performed on the requested strategy, no global changes were entered.

RM066E

INVALID CHARACTERS IN STRATEGY NAME. PRESS HELP FOR MORE INFO.

Reason:

The program has detected invalid characters in your new strategy name. The only valid characters you can use for the strategy name are 0-9, A-Z, \$, #, and @.

RM067I**THIS IS YOUR FIRST TIME IN ANALYSIS OUTPUT LIST MODE. HELP FOR INFO****Reason:**

RM067I is an informational message that will be displayed the first time you encounter the release of the program with the strategy screen Analysis Output List Mode. This mode will show you all incidents of analyses for each strategy. These will be shown as indented display rows under the strategy name. Each of these indented rows represent one analysis run for the given strategy. For data set output, the data set shown is the Analysis Output Dataset. For RC/M-managed output, Managed Output will be displayed. The USERID of the user that performed the analysis and the DATE and TIME that the analysis was run are also shown on each analysis output row. You can use the primary command L to toggle the existence of the mode, and you may also use the line command L next to a strategy name to toggle the existence of the mode for individual strategies. Each analysis output row gives you access to the following line commands:

- A-Perform analysis on the strategy using associated analysis output and options.
- B-Browse the named analysis output.
- C-Submit the named analysis output to the syntax checker.
- D-Delete the associated analysis row from the strategy table.
- E-Edit the named analysis output.
- G-View Global changes associated with the analysis row, or, if it is an ICL entry, the ICL to DDL Group Analysis panel displays.
- M-Perform a Move analysis using previous move analysis options.
- O-View analysis options associated with the analysis row.
- P-Protect the analysis row from explicit or implicit delete requests.
- R-Submit the associated Recovery analysis output DDL for batch processor execution.
- S-Submit the named analysis output for batch processor execution.
- U-Update the quick migration analysis (Q type strategies only).
- X-Enter eXecution display for the named analysis output.
- Z-Submit the associated recovery analysis output DDL to the syntax checker.
- !-List the comment tagged to the RC/M-managed analysis output.

RM068I

WELCOME TO MIGRATOR V3.0.

PRESS PF1/13 FOR HELP INFORMATION.

Action:

As a new user to this version, you should review the product documentation to familiarize yourself with the functions and methodology of this product. Be sure to fill in Profile information before using the product. This can be done by selecting option "0" from the Main Menu.

RM069I

SUPPLY A NEW STRATEGY NAME FOR YOUR TEMPLATED STRATEGY.

PRESS HELP FOR INFO.

Reason:

RM069I displays on entry to a strategy Template session.

Action:

Fill in a new strategy name for the strategy you are creating through the template mode. This new strategy name along with your user ID as the creator will be the unique identifier for the new strategy.

RM070E

YOU HAVE ENTERED AN INVALID COLOR.

ENTER HELP FOR MORE INFO

Reason:

You have entered an invalid color code on the Set Screen Colors profile panel.

Action:

The following colors are valid. Enter the first character of your desired color in the appropriate entry field.

- W-White
- P-Pink
- B-Blue
- T-Turquoise
- R-Red
- Y-Yellow
- G-Green

RM071E

INVALID DATA ENTERED FOR AUXILIARY IMplode. PRESS HELP FOR MORE INFO.

Reason:

Auxiliary items are items that you did not directly choose during strategy specification but that are included based on such things as referential integrity. For example, if you choose Table TEST and ask for Global referential integrity, then all tables that are referentially tied to Table TEST will be included in the migration. If you specify "Y" for Auxiliary Implode, implosion will occur for those tables brought in because of referential ties to Table TEST. Auxiliary tables can also be brought in to satisfy having all parents of a selected view.

RM072E**INVALID DATA ENTERED FOR RI (LOCAL/GLOBAL). PRESS HELP FOR MORE INFO****Reason:**

You have entered an invalid option for RI. Valid options are as follows:

- L-Local referential integrity. Only RI rules are included.
- G-Global referential integrity. RI rules and tables are included.
- N-No referential integrity.

RM073E**INVALID DATA ENTERED FOR SECURITY. PRESS HELP FOR MORE INFO****Reason:**

You have entered an invalid option for Security. Valid options are as follows:

- Y-Yes, include an authority generated for all migrated objects.
- N-No, do not include authority.

RM074E**INVALID DATA ENTERED FOR DROP OBJECTS. PRESS HELP FOR MORE INFO****Reason:**

You have entered an invalid option for Drop Objects. Valid options are as follows:

- Y-Yes, generate DROP statements for all objects in the strategy. This should be done if all objects already exist on the target DB2 system.
- N-No, do not generate DROP statements.

RM075E

INVALID DATA ENTERED FOR COMMIT ASAP. PRESS HELP FOR MORE INFO

Reason:

You have entered an invalid option for Commit ASAP. The Commit ASAP field controls whether COMMIT points are generated after the execution of each DDL or DCL statement. This option is useful only if you choose the DDL Only option. Otherwise, each unit of work is committed by the Batch Processor SYNC point processing.

Valid options are as follows:

- Y-Yes, generate COMMIT points as soon as possible after the execution of each DDL or DCL statement.
- N-No, generate contiguous DDL and DCL statements with no COMMITs intermingled.

RM076E

INVALID DATA ENTERED FOR ALL ROWS. PRESS HELP FOR MORE INFO

Reason:

You have entered an invalid option for All Rows. Valid options are as follows:

- Y-Yes, include all rows
- N-No, do not include all rows

RM077E

INVALID DATA ENTERED FOR NUMBER ROWS. PRESS HELP FOR MORE INFO.

Reason:

You have entered an invalid value for Number of Rows. Valid values are integers between 0 and 99999999.

RM078E

INVALID DATA ENTERED FOR ANALYSIS HEADER. PRESS HELP FOR MORE INFO

Reason:

You have entered an invalid option for Analysis Header. Valid options are as follows:

- Y-Include the Analysis Header in the analysis output
- N-No, do not include the Analysis Header in the analysis output.

RM079E**INVALID DATA ENTERED FOR IMPACT ANALYSIS. PRESS HELP FOR MORE INFO****Reason:**

You have entered an invalid option for Impact Analysis. Valid options are as follows:

- Y-Include the Impact Analysis in the analysis output.
- N-No, do not include the Impact Analysis in the analysis output.

RM080E**INVALID DATA ENTERED FOR DATA STATISTICS. PRESS HELP FOR MORE INFO****Reason:**

You have entered an invalid option for Data Statistics. Valid options are as follows:

- Y-Include the Data Statistics in the analysis output.
- N-No, do not include the Data Statistics in the analysis output.

To collect Data Statistics, the program issues a SELECT COUNT(*) statement for each table whose data is to be migrated.

RM081E**INVALID DATA ENTERED FOR RUNSTATS. PRESS HELP FOR MORE INFO****Reason:**

You have entered an invalid option for RUNSTATS Valid options are as follows:

- Y-Yes, generate RUNSTATS control cards for all included table spaces and index spaces. RUNSTATS will be executed on completion of the migration or alteration.
- N-No, do not generate RUNSTATS control cards.

RM082E**INVALID DATA ENTERED FOR CHECK DATA. PRESS HELP FOR MORE INFO****Reason:**

You have entered an invalid option for Check Data. Valid options are as follows:

- Y-Yes, generate CHECK control cards for all included table spaces for any table spaces left in check pending status after the LOAD portion of the strategy. CHECK will be executed on completion of the migration or alteration.
- N-No, do not generate CHECK control cards.

RM083E

INVALID DATA ENTERED FOR IMAGE COPY. PRESS HELP FOR MORE INFO

Reason:

You have entered an invalid option for Image Copy. Valid options are as follows:

- Y-Yes, generate IMAGE COPY control cards for all included tablespaces . IMAGE COPY will be executed on completion of the migration or alteration.
- N-No, do not generate IMAGE COPY control cards.

RM084E

INVALID DATA ENTERED FOR LOG LOAD. PRESS HELP FOR MORE INFO

Reason:

You have entered an invalid option for LOG LOAD. Valid options are as follows:

- Y-Yes, for any generated LOAD utility executions, run LOAD with the LOG option.
- N-No, do not use the LOG option for any LOAD utility executions. In this case, your tablespace will be in copy pending status and will require an image copy to be run before any tables within the table spaces can be updated.

RM085E

INVALID DATA ENTERED FOR BIND/REBIND PLANS. PRESS HELP FOR MORE INFO

Reason:

You have entered an invalid option for BIND\REBIND PLANS. Valid options are as follows:

- R-Rebind on any dependent plans. REBIND will run after any object creation and table loads.
- B-Run BIND on any dependent plans. BIND will run after any object creation and table loads. If your DBMS used a concatenation of PDS libraries for its DBRMs, you should check the order of the concatenation in the analysis file to make sure it is correct.
- N-No, do not run BIND or REBIND.

RM086E**INVALID DATA ENTERED FOR BIND/DATA/SQL ONLY. PRESS HELP FOR MORE INFO****Reason:**

You have entered an invalid option for BIND/DATA/SQL ONLY. Valid options are as follows:

- B-Only generate the BIND/REBIND control cards for all plans dependent on the objects in the strategy. There will be no UNLOADs, DROPs, CREATEs, or any other analysis output.
- D-Migrate only the data for the tables included in your strategy. No objects will be migrated if you choose this option.
- S-Generate a snapshot of the DDL/DCL for the objects involved in your strategy. This is useful for creating backup copies of SQL for a database or system. The generated output will not contain any CA Batch Processor commands; but only native DB2 SQL.
- N-No, do not choose any of these options.

RM087E**INVALID DATA ENTERED FOR NO .AUTHS. PRESS HELP FOR MORE INFO****Reason:**

You have entered an invalid option for NO .AUTHs. Valid options are as follows:

Y

Generate an analysis output with no batch processor .AUTH statements. All options will be generated as usual, but with no .AUTH statements. This is useful if the rest of your analysis output contains no statements which require APF authorization and you would like to execute your strategy online. However, if this option is specified, CA RC/Migrator may not be able recreate your objects exactly as they currently exist, and the ID executing the strategy output must hold the necessary authority to perform all statements.

N

Do not leave the .AUTH statements out of the analysis output.

RM088E

INVALID DATA ENTERED FOR EDIT DATASET. PRESS HELP FOR MORE INFO

Reason:

You have entered an invalid option for Edit Dataset. Valid options are as follows:

- Y-Yes, edit your recovery data set.
- N-No, do not edit your recovery data set.

RM089E

INVALID DATA ENTERED FOR DELETE UNLOAD. PRESS HELP FOR MORE INFO

Reason:

You have entered an invalid option for Delete Unload. Valid options are as follows:

- Y-Yes automatically delete the Unload data sets at the end of the strategy execution.
- N-No do not delete the Unload data sets.

RM090E

INVALID DATA ENTERED FOR DELETE TEMPORARY. PRESS HELP FOR MORE INFO

Reason:

You have entered an invalid option for Delete Temporary. Valid options are as follows:

- Y-Yes, automatically delete the Temporary data sets at the end of the strategy execution.
- N-No, do not delete the Temporary data sets.

RM091I

YOUR ANALYSIS OPTIONS HAVE BEEN SAVED. PRESS HELP FOR MORE INFO.

Reason:

Your analysis options have been successfully saved. These options are saved in your ISPF profile data set so that they will be saved across logons and sessions.

RM092E

YOU MUST SPECIFY A NAME OTHER THAN TEMP. PRESS HELP FOR MORE INFO.

Action:

You must enter a name other than TEMP for your data query name. If you did not save your data query with a name other than TEMP, the data query would not be available at execution time because TEMP is only for temporary data queries. Change the name of your data query to something other than TEMP and use PF3/15 to save and exit.

RM093E

DUPLICATE STRATEGY NAME, PLEASE SPECIFY ANOTHER. PRESS HELP FOR MORE INFO.

Reason:

You are trying to save a strategy with a name of an existing strategy.

Action:

You must change the name of the strategy to one that does not already exist and re-execute your save request.

RM094E

YOU ARE NOT CREATOR, STRATEGY IS NOT SHAREABLE. PRESS HELP FOR MORE INFO.

Reason:

You are trying to save a strategy that you did not create and the strategy does not have a SHARE OPTION of "U" (updateable). You cannot update this strategy.

RM095E

ALL ROWS INVALID WITH NUMBER OF ROWS OR WHERE. PRESS HELP FOR MORE INFO.

Reason:

You have entered "Y" for All Rows along with a Number or Rows or an EQF. This is invalid because these options are mutually exclusive. If you enter "Y" for All Rows, you cannot restrict the number of rows or enter a WHERE clause through EQF.

RM096E

INVALID DATA ENTERED FOR DELETE VSAM. PRESS HELP FOR MORE INFO

Reason:

You have entered an invalid option for Delete VSAM. Valid options are as follows:

- Y-Yes, automatically delete the VSAM data sets explicitly defined in the migration. The IDCAMS deletes will be made after any unloads or drops and before object creation.
- N-No, do not delete the VSAM data sets.

RM097E

INVALID DATA ENTERED FOR VSAM DEFINES. PRESS HELP FOR MORE INFO

Reason:

You have entered an invalid option for VSAM Defines. Valid Options are as follows:

- Y-Yes, generate the IDCAMS define statements for table spaces and indexes that require them.
- N-No, do not define any VSAM data sets.

RM098I

ALL ITEMs HAVE BEEN SELECTED. PRESS HELP FOR MORE INFO.

Reason:

You have selected all of the objects. They have been placed in the selected object queue.

Action:

To view this queue, enter the primary command "S" (SHRINK).

RM099E

OBJECT CREATED SINCE START OF RC/M SESSION. PRESS HELP FOR MORE INFO.

Reason:

You have selected a primary object that has been created since you entered Strategy Services. This object is not included in the program's internal DB2 object lists and therefore cannot be inserted into your strategy.

Action:

To insert the object, save the strategy and exit. On entry to Strategy Services, the object will be included in the object lists and can be inserted into the strategy.

RM100E

THE "EXCLUSIVE OPTIONS" MAY NOT BE USED TOGETHER. PRESS HELP FOR MORE INFO.

Reason:

Indicates that you have selected more than one Exclusive Option. These options contradict each other, and are therefore mutually exclusive.

RM101E

INVALID GLOBAL CHANGE MASK COMBINATION. PRESS HELP FOR MORE INFO

Reason:

You have entered invalid data for a Global Change mask combination. The mask syntax rules are as follows:

- The length of the mask must not exceed the attribute being changed.
- A "FROM" mask of "*" indicates all values match.
-
- If attributes have specific values (e.g., the index space CLOSE rule must be YES or NO) the "TO" mask must match one of those values and the "FROM" mask must also be blank, "", or also match one of those values.
- If a "FROM" mask is specified a "TO" mask must be specified in most cases. The exceptions are the Global Changes that can be used to delete attributes/DDI statements from the analysis output. The Global Changes that can be used for deletion are: Table Column Storage Group Volume Object Grantor Object Grantee
- Wildcarding characters are "%" and "_". % matches any string of 0 or more characters _ matches any single character
- The number, type, and order of wildcard characters must match in the "FROM" and "TO" masks unless NO wildcard characters are specified in the "TO" mask.
- The Bufferpool attribute may be partially wildcarded. The "TO" mask must always be BP0, BP1, BP2, or BP32K. The "FROM" mask may be blank, "", one of the above, "BP%" or "BP_".

RM102E

COMPUTER ASSOCIATES MODULE PTLDBSYS CANNOT BE LOADED. PRESS HELP FOR MORE INFORMATION.

Reason:

zxy was unable to successfully LOAD the CA parameter module. This can be caused by not having the CA product library DDNAME allocated properly. The DDNAME that should be allocated is PTILIB and that library must contain the load module PTLDBSYS.

RM103E

EMBEDDED BLANKS INVALID IN STRATEGY NAME. PRESS HELP FOR MORE INFORMATION.

Reason:

A strategy name cannot contain blanks.

Action:

Remove the spaces to create a valid strategy name.

RM104I

RECOVERY OPTIONS HAVE BEEN SET. PRESS HELP FOR MORE INFORMATION.

Reason:

Informs you that your recovery options have been set. These options will be used to construct the PARMFILE data set for the Analysis component.

Action:

If you want to change any of these Recovery options you can do this by entering U for the RECOVERY field at any point.

RM105I

YOUR RECOVERY OPTIONS HAVE BEEN SAVED. PRESS HELP FOR MORE INFORMATION.

Reason:

Informs you that your recovery options have been saved in your ISPF profile. These values will be the default for all your recovery analyses. They will also be used for recovery.

RM106E

UNLOAD BLKSIZE MUST BE A MULTIPLE OF 72. PRESS HELP FOR MORE INFORMATION.

Reason:

The Unload BLOCKSIZE you entered is not a multiple of 72. The block size must be between 72 and 32760.

Action:

Change the BLOCKSIZE and try again.

RM107E

UNLOAD VOL LIMIT MUST BE 1-255 IF SPECIFIED. PRESS HELP FOR MORE INFORMATION.

Reason:

The Unload VOLUME LIMIT you entered for your unload data sets is not valid. VOL LIMIT specifies the maximum number of volumes that your unload data set may reside on. If specified, the LIMIT must be from 1 to 225. If not specified, no volume limit will be used by the unload program when allocating your unload data sets. Under normal circumstances, VOL LIMIT need not be specified.

RM108E

PRIM ALLOC MUST BE 1% - 100% IF SPECIFIED. PRESS HELP FOR MORE INFORMATION.

Reason:

The PRIM ALLOC percent you entered for your unload data sets is invalid. The Primary Allocation percentage must be between 1 and 100 (inclusive) or blank. The CA unload program calculates how much unload space will be needed for each of the tables unloaded as part of your strategy. Unload data sets are then allocated with a specified percentage of the space needed as the primary and secondary allocations. The default is to allocate 10% of the space needed for both of the allocations. This is convenient if large allocations are difficult to acquire at your shop.

Action:

If you prefer not to go into multiple extents, you may specify the primary allocation as 100% and the secondary allocation as 0%.

RM109E

SEC ALLOC MUST BE 0% - 100% IF SPECIFIED. PRESS HELP FOR MORE INFORMATION.

Reason:

The SEC ALLOC percent you entered for your unload data sets is invalid. The Secondary Allocation percentage must be between 0 and 100 (inclusive) or blank. The CA unload program calculates how much unload space will be needed for each of the tables unloaded as part of your strategy. Unload data sets are then allocated with a specified percentage of the space needed as the primary and secondary allocations. The default is to allocate 10% of the space needed for both of the allocations. This is convenient if large allocations are difficult to acquire at your shop.

Action:

If you prefer not to go into multiple extents, you may specify the primary allocation as 100% and the secondary allocation as 0%.

RM110E

INVALID DATA ENTERED FOR EDIT DATASET. PRESS HELP FOR MORE INFORMATION.

Action:

Enter 'Y' for this field if you want to edit your recovery data set. Enter 'N' for this field if you don't want to edit your recovery data set.

RM111E

ANALYSIS PDS MUST NOT EQUAL RECOVERY PDS. PRESS HELP FOR MORE INFORMATION.

Action:

You must specify different partitioned data sets for the analysis and for recovery because the analysis and recovery output will be written out to the same member name--the strategy name. Change the data set name for the analysis output or the recovery output.

RM112E

UNLOAD DSN MUST NOT EQUAL IMAGE COPY DSN. PRESS HELP FOR MORE INFORMATION.

Action:

You must specify different partitioned data sets for the Unload function and the Image Copy function. Identical data set name masks may result in generation of duplicate data set names during the analysis of your strategy. Change the data set name for the Unload function or the Image Copy function.

RM113E

STRATEGY MUST BE "U" SHAREABLE TO DELETE. PRESS HELP FOR MORE INFORMATION.

Reason:

You can only delete strategies that you own, or that have been designated as "U" (update) shareable. The strategy you marked for deletion is neither.

Action:

Remove the "D" line command.

RM114E

NO RECOVERY DDL IS AVAILABLE -- RECOVERY=N. HELP FOR INFO.

Reason:

There is no SNAPSHOT recovery DDL available for the specified strategy analysis output because the RECOVERY option was not enabled on the Strategy Analysis panel at the time the analysis was performed.

Action:

If you intend to re-analyze the strategy with RECOVERY=Y, consider specifying that the output from your recovery analysis be directed to a RC/M managed DB2 table. You may do this from the RC/M Strategy Recovery Options panel. One advantage of letting The program manage your recovery output, rather than using a data set, is that it prevents the possibility of submitting and executing recovery DDL from the RC/M Strategy Services panel that belongs to another strategy analysis.

RM115E

UNABLE TO LOAD MODULE PTILDCB. PRESS HELP FOR MORE INFORMATION.

Reason:

zxy was unable to successfully load the CA load module PTILDCB. This load module must be located in the library allocated to PTILIB. The FILES command can be used to see what library is allocated to PTILIB.

RM116E

DB2 SUBSYSTEM ssid NOT FOUND IN PARMLIB. PRESS HELP FOR MORE INFORMATION.

Reason:

The CA parameter library does not contain information for the DB2 subsystem entered on the panel. The Parmlib must contain the DB2 subsystem and its corresponding load library.

Action:

Refer to the installation manual for more information on the CA parameter library.

RM117E

UNEXPECTED ERROR CALLING PTILDCB. PRESS HELP FOR MORE INFORMATION.

Reason:

Indicates that an unrecoverable error has occurred while calling PTILDCB.

RM118E

TARGET SSID MUST BE SPECIFIED. PRESS HELP FOR MORE INFORMATION.

Action:

When creating or updating a compare strategy, you must specify the target SSID. Enter the subsystem ID of the subsystem where the target objects are (will be) located.

RM119E

INITIAL SOURCE OBJECT MUST BE SPECIFIED. PRESS HELP FOR MORE INFORMATION.

Action:

When you are creating a compare strategy, you must specify at least one initial source object. Select a source object type in the OBJECT prompt. Valid object types are listed. You can then specify selection criteria for the object listing. Then press Enter to proceed to the Primary Object Mapping.

RM120E

INCORRECT INITIAL SOURCE OBJECT ENTERED. PRESS HELP FOR MORE INFORMATION.

Reason:

The initial object type you entered is not valid.

Action:

Enter one of the following object types in the Object field:

- SG-Storage Group
- DB-Database
- TS-Tablespace
- T-Table
- I-Index
- V-View
- S-Synonym
- A-Alias

RM121E

THE ONLY VALID SELECT CHARACTER IS "S". PRESS HELP FOR MORE INFORMATION.

Reason:

This message tells you that you can only use "S" to select an object. No other line commands can be entered in this column.

RM122E

"B" AND "FB" ARE ONLY VALID FOR TABLES. PRESS HELP FOR MORE INFORMATION.

Reason:

You can only use B (Browse) or FB(Fast browse) on tables.

Action:

Blank out the "B" or "FB" you entered, or replace it with a valid option. "?" will display all valid Query options for this object.

RM123E

MAPPING # LARGER THAN LARGEST SOURCE OBJ #. PRESS HELP FOR MORE INFORMATION.

Reason:

The mapping number you entered is invalid.

Action:

You must use one of the source object numbers for the mapping number. Enter a different number in the MAP# column.

RM124E

THIS OBJECT IS ALREADY A TARGET OBJECT. PRESS HELP FOR MORE INFORMATION.

Reason:

A target object can only have one source object mapped to it. This object has already had a source object mapped to it.

Action:

To view the object pair, return to the Compare Explode Services screen. The pair will be listed there. You may have to press PF7 - PGUP to see the pair.

RM125E

AN OBJECT CANNOT BE MAPPED TO ITSELF. PRESS HELP FOR MORE INFORMATION.

Reason:

The object represented by the SRC# you entered in the MAP# column is the same as the target object. You cannot do this.

RM126E

SOURCE OPTION MUST BE AN RC/QUERY OPTION or "S". PRESS HELP FOR MORE INFORMATION.

Action:

Press "?" to see a list of valid RC/QUERY options for this object. "S" will select the object to be included in the strategy without mapping it to a target object.

RM127E

INVALID TARGET OPTION. PRESS HELP FOR MORE INFORMATION.

Reason:

The option you entered in the target command area (MAP#) is not valid. Valid options are source object numbers, to map the target object to the source object, or other options.

Action:

Press "?" to see a list of options for this object.

RM128E

SOURCE AND TARGET RCQ JUMPING INVALID TOGETHER. PRESS HELP FOR MORE INFORMATION.

Reason:

You cannot enter an option in both the source option column and the MAP# (target option) column at the same time.

Action:

Remove one of your jump commands.

RM129E

SELECTION/MAPPING AND RCQ JUMPS INVALID TOGETHER. PRESS HELP FOR MORE INFORMATION.

Reason:

You cannot mix an jump command with a target object to source object mapping command, or a select source object s command.

Action:

Remove the mapping and selection commands or the jump command.

RM130E

SELECT OPTION MUST BE B, C, D, E, I, R. PRESS HELP FOR MORE INFORMATION.

Action:

Only select options can be entered in the column headed by "S". Enter a valid command in the Select column, or blank out the illegal option. Valid commands are as follows:

- B-Browse the selected dependent objects.
- C-Compare the object pair changes.
- D-Delete.
- E-Edit the Object definition.
- I-Insert a new object.
- R-Reset any object Edit changes.

RM131E

EXPLODE OPTION MUST BE "S", "A", "O", OR "X". PRESS HELP FOR MORE INFORMATION.

Reason:

Only explode options (A, S, X, O) are entered in the "Expl" column.

Action:

Enter a valid command in the Explode column, or leave it blank. (A blank will be replaced with "O" Object.)

- A-All. Include all dependent objects.
- O-Object. Indicates that target dependents will be re-created as they currently exit.
- S-Select. Include only selected objects.
- X-Exclude Options. Display the Exclude Options screen.

RM132E**INVALID SELECT OPTION ENTERED. PRESS HELP FOR MORE INFORMATION.****Reason:**

This error indicates that you have entered an invalid select option. The following options are valid on this screen:

- E-Edit the object definition.
- R-Reset any object edits.
- C-Display the Compare report. (Paired objects only.)
- Z-Unmap the Object pairing. (Paired objects only.)
- S-Select object for the strategy.
- X-Exclude the object. (Unmatched dependent objects only.) This excludes all the object's dependents also.
- U-Unexclude the object. (Excluded objects only.) An object whose parent is excluded cannot be excluded.

RM133E**MAP# MUST BE THE NUMBER OF A SOURCE OBJECT. PRESS HELP FOR MORE INFORMATION.****Reason:**

This error indicates that you entered something in the MAP# field other than a source object number.

Action:

Blank out your bad entry and enter the number of the source object you want mapped to the target object.

RM134E**YOU MUST MAP TO AN OBJECT OF THE SAME TYPE. PRESS HELP FOR MORE INFORMATION.****Reason:**

You have tried to map a source object of one DB2 type to a target object of another DB2 type. The TP columns tell you what type each object is.

RM135E

SOURCE OBJECT IS ALREADY PAIRED. PRESS HELP FOR MORE INFORMATION.

Reason:

A source object can only be paired to a target object as a primary object once.

RM136E

MULTIPLE MAPPING TO THE SAME SOURCE OBJECT. PRESS HELP FOR MORE INFORMATION.

Reason:

You cannot map multiple objects to the same source dependent object.

RM137E

SOURCE OBJECT IS IN A DIFFERENT STRUCTURE. PRESS HELP FOR MORE INFORMATION.

Reason:

The source object to which you are mapping is in a structure that is not mapped to the structure that contains the target object.

RM138E

INVALID DATA ENTERED FOR MODEL ID. PRESS HELP FOR MORE INFORMATION.

Action:

Enter a model ID name. If you do not want to specify a model ID, leave the field blank. @DEFAULT will be used.

RM139E

INVALID DATA ENTERED FOR UPDATE MODEL. PRESS HELP FOR MORE INFORMATION.

Action:

Enter Y to update the model ID you entered in the MODEL ID prompt. Enter N if you do not want to edit the model ID now.

RM140E

ANALYSIS MODEL ID MUST BE CHECKED. PRESS HELP FOR MORE INFORMATION.

Reason:

The model ID you specified for the analysis is damaged. There may be missing or undefined user defined symbols.

Action:

You can use the RC/M Strategy Analysis Options screen to check the model ID you specified, or enter the name of another model ID. The analysis cannot be performed until a functioning model ID is specified. @DEFAULT specifies the CA default model ID.

RM141E

RECOVERY MODEL ID MUST BE CHECKED. PRESS HELP FOR MORE INFORMATION.

Reason:

The model ID you specified for recovery is damaged. There may be missing or undefined user defined symbols.

Action:

You can use the RC/M Strategy Recovery Options screen to check the model ID you specified, or enter the name of another model ID. The analysis cannot be performed until a functioning model ID is specified. @DEFAULT specifies the CA default model ID.

RM142E

NOT ENOUGH MEMORY AVAILABLE TO PROCESS SET REQUEST. PRESS HELP FOR MORE INFORMATION.

Reason:

This error message displays when a Getmain request for additional storage has failed due to memory limitations. As a result, The program was unable to process your set request.

Action:

As a solution, try increasing your region size. CA recommends a region size between 2048 and 3072 KB.

RM143E

"C" IS THE ONLY VALID OPTION ON CREATE LINE. PRESS HELP FOR MORE INFORMATION.

Reason:

You can only create rule sets on the create line (the blank line at the top of the list of rule sets). Other line commands must be entered in front of rule set names.

RM144E

VALID OPTIONS ARE B,D,T,U. PRESS HELP FOR MORE INFORMATION.

Reason:

You have entered an invalid line command. The following line commands can be used on rule sets:

- B-Browse the rule set.
- D-Delete the rule set.
- T-Template the rule set.
- U-Update the rule set.

RM145E

YOU MUST ENTER A NAME FOR CREATES. PRESS HELP FOR INFO.

Reason:

Indicates that you are trying to create a new set, but have not entered a name and/or a creator ID.

Action:

Enter a set name and creator ID.

RM146E

YOU MUST ENTER A VALID SHARE OPTION (Y,N,U). PRESS HELP FOR MORE INFORMATION.

Reason:

Indicates that you are trying to create a new rule set, but have not entered a valid share option. The share option must be one of the following:

- N-Nobody but the creator of the rule set can view the rule set in any manner.
- Y-All users can view this rule set, but only the creator can update it.
- U-All users can view this rule set, and all users can update it.

RM147E

YOU MUST ENTER A TARGET DB2 SUB-SYSTEM ID. PRESS HELP FOR MORE INFORMATION.

Reason:

Indicates that you are trying to create a new rule set, but have not entered a target DB2 subsystem ID for the compare.

Action:

You must enter a target SSID or * for all SSIDs before you can continue.

RM148E

DUPLICATE RULE SET NAME AND TARGET SSID. PRESS HELP FOR MORE INFORMATION.

Reason:

Indicates that a rule set with the name you specified has already been created for the SSID you specified.

Action:

Change the name of the rule set, or change the target SSID. Alternately, you can create the rule set under a different user ID.

RM149I

SUPPLY A NEW NAME FOR THIS TEMPLATED RULE SET. PRESS HELP FOR MORE INFORMATION.

Reason:

This message reminds you that you need to specify a new name when templating.

Action:

Enter the new name in the RULENAME field in the header section of the screen.

RM150I

REQUESTED RULE SETs HAVE BEEN DELETED. PRESS HELP FOR MORE INFORMATION.

Reason:

This message lets you know that the rule sets you marked for deletion have been deleted.

RM151I

YOUR NEW RULE SET HAVE BEEN SAVED. PRESS HELP FOR MORE INFORMATION.

Reason:

This message lets you know that your new rule set has been saved. It will now appear in your list of rule sets.

RM152I

REQUESTED RULE SETs HAVE BEEN UPDATED. PRESS HELP FOR MORE INFORMATION.

Reason:

This message lets you know that the updates you made to the rule sets have been saved successfully.

RM153E

RULE MUST BE "Y" OR "N". PRESS HELP FOR MORE INFORMATION.

Reason:

You have entered an invalid rule.

Action:

Set all rules to any of the following:

- Y-Yes, the attribute should be compared.
- N-No, the attribute should not be compared.

RM154E

JUMP COMMANDS NOT ALLOWED FOR IMPORTED OBJECTS. PRESS HELP FOR MORE INFORMATION.

Reason:

Imported objects are DDL at this point. You cannot jump to CA RC/Query because it will not have information about the objects.

RM155E

YOU ARE NOT AUTHORIZED TO DELETE THIS RULE SET. PRESS HELP FOR MORE INFORMATION.

Reason:

You have tried to delete a rule set that you are not authorized to delete. The only rule sets you can delete are rule sets owned by your user ID and rule sets with share option set to U (updateable).

RM156E

YOU ARE NOT AUTHORIZED TO UPDATE THIS SET. PRESS HELP FOR INFO.

Reason:

You have tried to update a set that you are not authorized to edit. The only sets you may update are those owned by your user ID and those with share option set to U (updateable).

RM157E

THIS OBJECT HAS ALREADY BEEN SELECTED. PRESS HELP FOR MORE INFORMATION.

Reason:

The object you tried to select has already been selected as a primary object in your migration strategy.

RM158E

THIS STRATEGY IS CURRENTLY IN USE. PRESS HELP FOR MORE INFORMATION.

Reason:

The strategy you chose to work with is currently being accessed by another user. When a strategy is being updated or analyzed, the record is locked.

Action:

Wait until the strategy is free.

RM159I

SELECT A MEMBER FOR YOUR SOURCE DDL. PRESS HELP FOR MORE INFORMATION.

Reason:

Indicates that you need to select a member from the selection list. The data set name you specified for the source SQL is a partitioned data set. The members listed are all members of the PDS.

RM160E

RECEIVED RC *return-code* FROM TBOEN, TBREAD, TBCLOSE ON ISPF TABLE PCFLOCK. PRESS HELP FOR MORE INFORMATION.

Reason:

zxy issued an ISPF open, read, or close on the ISPTLIB. If you are not authorized to use the program, you cannot do this. Users are authorized to use products through the Product Authorization screen on the CA Products Main Menu.

RM161I**SELECT A MEMBER FOR YOUR RECOVERY ANALYSIS OUTPUT FILE.****Reason:**

RM161I is an informational message informing you that the current screen is displaying a list of members in the data set you specified for your recovery analysis output file.

Action:

Use the S line command to select which member will receive the output file.

RM162E**"C" IS ONLY VALID FOR PAIRED OBJECTS. PRESS HELP FOR MORE INFORMATION.****Reason:**

The C (compare) line command displays information about the source, target and new objects. It is only valid for source objects that have been paired with target objects.

RM164E**THIS OBJECT IS ALREADY A SOURCE OBJECT. PRESS HELP FOR MORE INFORMATION.****Reason:**

The object you have selected has already been included in the strategy as a source object. You cannot select a paired object.

RM165E**THIS OBJECT TYPE HAS NO DEPENDENTS. PRESS HELP FOR MORE INFORMATION.****Reason:**

The object type you have selected has no dependent object types. Therefore, you cannot explode or select dependent objects.

RM166E**THIS SELECTED SOURCE OBJECT IS ALREADY PAIRED. PRESS HELP FOR INFO.****Reason:**

Indicates that you tried to select a source object (as an unmatched object) that has already been mapped to a target object. If you do not want this object paired with any target object, go to the Shrink Queue screen or the Compare Explode Services screen and deselect the pair.

RM167E

YOU CANNOT MAP AND SELECT THE SAME SOURCE OBJECT. PRESS HELP FOR INFO.

Reason:

Indicates that you tried to select a source object that is also being mapped to a target object. The source object can only be included in the compare strategy by being paired with a target object or by being selected as an unmatched object. You cannot do both.

RM168E

"C" COMMAND NOT VALID FOR SELECTED OBJECTS. PRESS HELP FOR INFO.

Reason:

The C (compare) line command displays information about the source, target and new objects. It is only valid for source objects that have been paired with target objects.

RM169E

RC/Migrator HAS EXPIRED OR YOU ARE NOT AUTHORIZED TO USE IT.

Reason:

Indicates that you cannot use the program for one of two reasons: your license has expired or you don't have authority to run the plan. If your user ID does not have authority, you can be authorized through the Product Authorization option on the Main Menu.

RM170I

ENTER QPRINT TO PRINT A HARD COPY OF THIS MESSAGE FILE.

Reason:

Informs you that you can print a copy of the message file by using the QPRINT command.

RM171E

THERE ARE NO PRIMARY COMMANDS FOR THIS PANEL.

Reason:

You cannot execute any primary commands from this panel.

RM172I

ALTERNATE CATALOG MAPPING IS *on or off*.

Reason:

This message tells you whether or not you are using alternate catalog mapping (ACM).

RM173E

UNABLE TO ALLOCATE *type* IMPORT DATASET.

Reason:

Indicates that the source or target data set you specified for your compare strategy cannot be allocated.

Action:

Check to make sure the data set is still available and not in use.

RM174E

UNABLE TO OPEN *rmess* IMPORT SQL. PRESS HELP FOR MORE INFO.

Reason:

Indicates that the data set or the RC/M managed output you specified as the Source or Target Import SQL for your compare strategy cannot be opened.

Action:

If you specified a data set or RC/M managed output, check to ensure that the import SQL still exists, is available, and is not in use.

If you specified CA RC/Migrator managed output, additional messages appear which describe the specific problem in more detail.

RM175E

SYNTAX ERRORs WERE FOUND IN *rmess* IMPORT SQL. HELP FOR MORE INFO.

Reason:

Indicates that the imported source or target SQL contains syntax errors.

Action:

Correct the errors and try creating the strategy again.

RM176E

“D” IS THE ONLY VALID COMMAND FOR DROPPED OBJECTS. PRESS HELP FOR MORE INFORMATION.

Reason:

Indicates that the only valid line command for objects selected to be dropped in a strategy is D (delete). The D line command will delete the object from the strategy, with the net effect that the object will *not* be dropped.

RM177E

ENTER “S” TO CREATE AN OBJECT OF THIS TYPE. PRESS HELP FOR MORE INFORMATION.

Action:

To select the type of object you want to create, enter an “S” before the object type.

RM178E

AN @DEFAULT RULESET ALREADY EXISTS FOR THIS SSID. PRESS HELP FOR MORE INFORMATION.

Reason:

Only one default ruleset, named @DEFAULT, can be created for each SSID.

Action:

Edit the existing @DEFAULT ruleset or specify a new name for the ruleset being created.

RM180E**Conflict between principal and version line commands of Native Stored Procedure.****Reason:**

For a native SQL stored procedure, a conflict exists between the line command on a principal line and commands on the associated version lines. The following examples describe conditions in which the error occurs:

- You issue A, I, N, V, or D in the principal line, and you issue X or E in the version line.
- You issue D in the principal line *and* issue D on *only* one of multiple version lines.

Action:

Verify that issued line commands follow these rules:

- For line commands A, I, N, and V, the command issued on version lines must be the same as the command in the principal line.
- If you issue D in the principal line, leave version lines blank if multiple version lines exist.
- Line commands E and X must be issued in the principal line, and line commands A, I, N, V, or D can be issued in the version lines.

RM181I**'V' (version) command(s) ignored for non-versionable procedures.****Reason:**

You entered the V line command beside at least one stored procedure that does not support versions of itself. The V line command is honored only for Native SQL procedures, which are defined with LANGUAGE SQL and are not FENCED. These stored procedures may have one or more versions defined.

The product discards V line commands that were entered for procedures for which the command is not applicable.

Action:

No action is required.

RM186E

VALID EXCLUDE OPTIONS ARE A (ALL) AND S (SELECT). PRESS HELP FOR MORE INFORMATION.

Reason:

The only exclude options you can enter for source or target dependent objects are A and S:

- A-Exclude all unmatched dependent objects.
- S-Exclude only selected unmatched dependent objects.

RM187I

Version field is applicable only for Native Stored Procedures.

Reason:

The Version field is applicable only for native SQL stored procedures. The field is blank for functions and other types of stored procedures. The field is also blank if the DB2 version is less than DB2 9.

Action:

No action is required.

RM189E

VALID DISPLAY OBJECTS OPTION IS "Y". PRESS HELP FOR MORE INFORMATION.

Reason:

Indicates that you have entered an invalid DISPLAY OBJECTS option.

Action:

You can display a list of all dependent objects (matched and unmatched) of the primary object pair by using the Y option. If you do not want to do this, leave the field blank.

RM190E

A RULE SET CONTAINING ALL "N" RULE SET IS INVALID. PRESS HELP FOR MORE INFORMATION.

Reason:

Indicates that your rule set contains all "N" rules. If no attributes are compared, you cannot have a compare strategy. Therefore, at least one attribute must be set to "Y" in every rule set.

RM191E

VALID COMMANDS ARE "X" AND "U". PRESS HELP FOR MORE INFORMATION.

Reason:

Indicates that the line command you entered is invalid for the EXCLUDE field. The only valid commands are as follows:

- X-Exclude this unmatched dependent object from the strategy. (All other unmatched dependent objects and all matched dependent objects are included in the strategy.)
- U-Unexclude. If the parent object is excluded, the dependent object cannot be unexcluded.

RM192E

PAIRED OBJECTS MAY NOT BE EXCLUDED. PRESS HELP FOR MORE INFORMATION.

Reason:

Indicates that you tried to exclude a paired object from the strategy. Only unpaired objects can be excluded.

RM193E

MISMATCH BETWEEN CATALOG AND EDITED VERSIONS. PRESS HELP FOR MORE INFORMATION.

Reason:

The object definition of an object has changed in the PDS, DB2 catalog, or alternate catalog since you edited the object definition in this strategy. The object definition has been refreshed to the current catalog definition. Your strategy changes for the object are no longer incorporated in the strategy.

RM194E

A MAPPING NUMBER OF ZERO IS NOT VALID. PRESS HELP FOR MORE INFORMATION.

Reason:

Indicates that you have entered an invalid mapping number. You must use one of the source object numbers for the mapping number. There is no source object with the number zero.

Action:

Enter a different number in the MAP# column.

RM195I

NO OBJECTS MAPPED TO EACH OTHER. PRESS HELP FOR MORE INFORMATION.

Reason:

The AUTOMAP command did not find any objects to map to each other.

RM196E

UPDATE AUTOMAPPING MASKS MUST BE “Y” OR “N”. PRESS HELP FOR MORE INFORMATION.

Reason:

You have entered an invalid value in the UPDATE AUTOMAPPING MASKS field.

Action:

Enter Y to update automapping masks. Enter N if you do not want to update the masks now.

RM197E

ENTER THE DSN FOR YOUR SOURCE SQL. PRESS HELP FOR MORE INFORMATION.

Reason:

Indicates that you have not specified the data set name for your source SQL for this compare strategy.

Action:

Enter the data set name at the prompt. If the data set is a PDS, you must also specify a member name. You can enter search criteria to display a member selection list.

Put single quotes around the data set name if it is fully qualified. Otherwise, your ID will be appended to the front of the name as the high level qualifier.

RM198E

ENTER THE DSN FOR YOUR TARGET SQL. PRESS HELP FOR MORE INFORMATION.

Reason:

Indicates that you have not specified the data set name for your target SQL for this compare strategy.

Action:

Enter the data set name at the prompt. If the data set is a PDS, you must also specify a member name. You can enter search criteria to display a member selection list.

Put single quotes around the data set name if it is fully qualified. Otherwise, your ID will be appended to the front of the name as the high level qualifier.

RM199I

SELECTED/MAPPED OBJECTS HAVE BEEN QUEUED. ENTER sSHRINK TO VIEW QUEUE.

Reason:

Indicates that the source object you selected with an S, or the source-target object pair you mapped have been added to the selection queue. They will be added to the strategy when you END processing on the Primary Object screen. To see the objects enter the sSHRINK command.

RM200I

MASK VALUES HAVE BEEN SAVED IN ISPF PROFILE. PRESS HELP FOR MORE INFORMATION.

Reason:

Informs you that your automapping masks have been saved in your ISPF profile. These values will be the default for all your automapped compare strategies.

RM201E

INVALID MASK PAIR. PRESS HELP FOR MORE INFORMATION.

Reason:

The mask pair you entered is not valid. Valid masking characters are as follows:

- %-The percent sign is the wildcard character. It signifies that zero or more characters can occupy that position and all remaining positions to the end of the name, or to the next character.
- (hyphen)- The hyphen indicates that any character can occupy that position, but a character must exist at that position.

RM202E

UNAUTHORIZED TO USE RULE SET, @DEFAULT USED. PRESS HELP FOR MORE INFORMATION.

Reason:

Indicates that the rule set you specified you are not authorized to use. @DEFAULT, the CA default, will be used instead.

RM203E

RULE SET NOT FOUND, @DEFAULT USED. PRESS HELP FOR MORE INFORMATION.

Reason:

Indicates that the rule set you specified was not found. @DEFAULT, the CA default, will be used instead.

RM204E

ERROR PROCESSING RULE SET. PRESS HELP FOR MORE INFORMATION.

Reason:

The program encountered an error while processing your rule set. Possible errors include the following:

- A shortage of memory
- An SQL error
- A need to rebind Migrator plans.

RM205I

PRESS <ENTER> TO QUEUE OBJECTS. "RESET" CLEARS. PRESS HELP FOR MORE INFORMATION.

Reason:

The AUTOMAP command has mapped objects.

Action:

To accept the object pairs, press Enter. To remove the mapping numbers, use the RESET command.

RM206E

ENTER "Y" OR "N" FOR "REFRESH". PRESS HELP FOR MORE INFORMATION.

Reason:

Indicates that you have entered an invalid value in the REFRESH field.

Action:

Enter Y to refresh the list of target objects. Enter **N** if you do not want to refresh the list.

RM207I

SELECT A MEMBER FOR YOUR TARGET DDL. PRESS HELP FOR MORE INFORMATION.

Reason:

The screen is displaying a list of members in the data set you specified for the target DDL.

Action:

Use the "S" line command to indicate which member contains the DDL to be compared.

RM208E

THIS OBJECT IS ALREADY IN A PRIMARY STRUCTURE. PRESS HELP FOR MORE INFORMATION.

Reason:

The object you are trying to map as a dependent object has already been included in the strategy as a primary object. You cannot include objects as both primary and dependent objects.

RM209E

RC/Migrator HAS ABENDED.

Reason:

Indicates that an unexpected error has occurred while running the program.

RM210I

SELECT A MEMBER FOR YOUR ANALYSIS OUTPUT FILE.

Reason:

The current screen is displaying a list of members in the data set you specified for your analysis output file.

Action:

Use the S line command to select which member will receive the output file.

RM211E

PDS ERROR DETECTED IN OBJECT TREE CONSTRUCTION SUBTASKS.

Reason:

An error was encountered when the program tried to use the PDS option. The PDS data has been corrupted or the record format changed.

Action:

Run the Catalog PDS Unload program again.

RM212E

UNABLE TO ALLOCATE PDS SPECIFIED IN PARMLIB. PRESS HELP FOR MORE INFORMATION.

Reason:

The PDS you specified in the MIGRATOR member of the CA parmlib cannot be allocated.

Action:

Check to make sure it exists and that it is a partitioned data set.

RM213E

NO PDS WAS SPECIFIED FOR THIS SSID IN THE COMPUTER ASSOCIATES PARMLIB.

Reason:

You cannot use the PDS option for strategies on this subsystem until you have specified a PDS for this SSID in the MIGRATOR member of the CA parmlib, and then run the Catalog PDS Unload program.

RM214E

A VOLSER IS REQUIRED FOR NEW PDS ALLOCATION.

Action:

You specified that you want to create a new PDS. In order to do this, you must specify a VOLSER location for the PDS in the *NEW PDS SPECIFICATIONS* section of the screen.

RM215I

PLEASE ENTER ONE OF THE VALID EXECUTION MODES.

Action:

You must specify whether you want to run the Syntax Checker in (O)nline or (B)atch mode before it can be executed.

RM216I

PLEASE SELECT A MEMBER FOR SYNTAX CHECK PROCESSING.

Reason:

You must select a member for syntax checking. Specify the member with an 'S'.

RM217I

YOU ARE EDITING YOUR SYNTAX CHECKER INPUT FILE.

Reason:

Indicates that the file you are currently editing is the file specified as input for the Syntax Checker.

RM218E

YOU MUST ENTER A OBJVER SSID FOR VERSION SPECIFIC SYNTAX CHECKING.

Reason:

RM218E indicates that you have not specified an OBJVER SSID.

Action:

If you have elected to perform object dependencies verification, you must specify a subsystem against which the DDL will be checked. If you have not elected to perform object dependencies verification, the SSID is used to determine the DB2 version to allow the Syntax Checker to properly parse version specific SQL.

RM219E

ERROR ALLOCATING INTERNAL DATASET NEEDED TO PERFORM SYNTAX CHECKING.

Reason:

The Syntax Checker program dynamically allocates data sets for internal use. An error occurred during this process. The IBM message displayed before this message describes the problem.

RM220E

THE SYNTAX CHECKER HAS ABENDED. PLEASE CONTACT CUSTOMER SUPPORT FOR ASSISTANCE.

Reason:

You have encountered an unexpected error.

Action:

For assistance, contact CA Support at <http://ca.com/support>.

RM221I

SYNTAX ERRORS WERE FOUND IN YOUR DATASET.

Reason:

Indicates that one or more errors were detected in your data set. They are specified in the report on the screen.

RM222I

NO SYNTAX ERRORS WERE FOUND.

Reason:

Indicates that no errors were detected in your input DDL.

RM223E

AN ERROR HAS OCCURRED IN THE SYNTAX CHECKER. PLEASE CHECK AUDIT FILE.

Reason:

The Syntax Checker received an error when trying to read the DDL.

Action:

See the Syntax Checker report for a description of the error.

RM224E**RECOVERY IS NOT VALID FOR A DATA ONLY MIGRATION.****Reason:**

Indicates that you have requested the RECOVERY option for a DATA only migration. Because no DB2 objects are migrated in a DATA only migration, the RECOVERY option should be set to "N".

RM225E**RC/COMPARE HAS NOT BEEN PURCHASED. PRESS HELP FOR MORE INFORMATION.****Reason:**

Indicates that you have requested to create or update a compare strategy, and CA RC/Compare has not been purchased at your site.

Action:

If you are interested in obtaining CA RC/Compare for a free trial period, contact one of our service representatives.

RM226I**PLEASE SELECT A RULESET FOR YOUR COMPARE STRATEGY.****Reason:**

Indicates that you need to select a ruleset for the compare strategy. @DEFAULT is the default ruleset.

RM227I**THE RULESET FOR THIS STRATEGY HAS BEEN CHANGED.****Reason:**

Informs you that the ruleset you are using in this strategy has been changed since you created the strategy.

Action:

You may want to check the ruleset, to make sure the rules are still compatible with your strategy's goals.

RM228I

THE RULESET CHANGE HAS BEEN CANCELLED.

Reason:

Informs you that the changes to the ruleset have been cancelled.

RM229E

VALID OPTIONS ARE B, D, S, T, U. PRESS HELP FOR MORE INFORMATION.

Reason:

Indicates that you entered an invalid line command. The following line commands can be used on rulesets:

- B-Browse the ruleset.
- D-Delete the ruleset.
- S-Select the ruleset and return to the previous screen.
- T-Template the ruleset.
- U-Update the ruleset.

RM230E

THE @DEFAULT RULESET MUST BE INSTALLED. PRESS HELP FOR MORE INFO.

Reason:

You have not installed the @DEFAULT compare ruleset. This ruleset must be installed before Compare strategies can be created.

Action:

Refer to the installation guide for information on how to install the ruleset.

RM231E

DEPENDENT OBJECT ALREADY IN PRIMARY STRUCTURE. PRESS HELP FOR INFO.

Reason:

A dependent of this object has already been selected as a primary object. Once a dependent has been selected as a primary object, its parent objects cannot be selected as primary objects.

RM232E

variable message text

Reason:

The message text will indicate the nature of the error and its remedy.

RM233E

variable message text

Reason:

An error has occurred using native VSAM processing against the DB2 catalog. The message should indicate what errors have occurred.

RM234E

DB2 SUBSYSTEM: *ssid* IS NOT ACTIVE.

Reason:

The DB2 subsystem named must be running in order to use The program on that subsystem.

RM235E

BAD INITIALIZATION OF DB2 ENVIRONMENT.

Reason:

An error has occurred using native VSAM processing against the DB2 catalog.

RM236I

TREE BUILDING STOPPED DUE TO ATTENTION.

Action:

You pressed the attention key, stopping the tree building. You will need to start again.

RM237E

THE PDS VERSION DOES NOT MATCH THE CURRENT TAPE VERSION.

Reason:

The PDS being used was created using a different version of The program. The PDS Catalog Unload must be performed using this version of The program.

RM238E

YOU MUST ENTER A SET NAME. PRESS HELP FOR MORE INFO

Action:

You have not specified a set name. You must specify a non-blank set name to continue.

RM239E

YOU HAVE ENTERED AN INVALID SET NAME. PRESS HELP FOR MORE INFO.

Reason:

You have specified an invalid set name. Valid set names are 1-8 characters long and may contain any combination of alphanumeric and national characters.

RM240E

YOU HAVE ENTERED AN INVALID SET NAME. PRESS HELP FOR MORE INFO.

Reason:

You have specified an invalid set name. Valid set names are 1-8 characters long and may contain any combination of alphanumeric and national characters. A set name of TEMP is valid only from the analysis options menu. TEMP sets are automatically created by selecting Y for global change services from the analysis screen.

RM241I

YOUR NEW SET HAS BEEN SAVED. PRESS HELP FOR MORE INFO.

Reason:

Your new set was saved successfully with the name you specified. This set can be used in a strategy.

RM242I

REQUESTED SETs HAVE BEEN DELETED. PRESS HELP FOR INFO.

Reason:

The sets you specified for deletion with the D line command have been deleted successfully and cannot be used in a strategy.

RM243I

REQUESTED SET HAS BEEN UPDATED. PRESS HELP FOR INFO.

Reason:

The set you have been updating has been successfully saved.

RM244E

THERE ARE NO GLOBAL CHANGES TO SAVE. PRESS HELP FOR MORE INFO.

Reason:

You have not entered any global changes.

Action:

You must enter at least one pair of changes prior to saving, or enter the CANCEL command if you do not want global changes.

RM246E

DUPLICATE SET NAME. PRESS HELP FOR MOR1E INFORMATION.

Reason:

You tried to save a set with a name and creator that already exists.

Action:

Enter another name if you want to save this set.

RM247I

SELECT A TARGET LOCATION FOR SUBSYSTEM *ssid*.

Action:

Blank out the location field or specify ? (question mark) for a list of target locations. Select the target location you want by entering S beside it.

RM248I

SELECT A SOURCE LOCATION FOR SUBSYSTEM *ssid*.

Action:

Blank out the location field or specify ? (question mark) for a list of source locations. Select the source location you want by entering S beside it.

RM249I

PLEASE SELECT A GLOBAL CHANGE SET FOR YOUR ANALYSIS.

Reason:

You entered S for Global Changes, so you must select or supply a Global Change set name and creator to use with this analysis. Selection criteria are accepted in the set name and creator fields.

RM250E

VALID OPTIONS ARE D, I, R. PRESS HELP FOR MORE INFO.

Reason:

The option you specified is invalid. Valid options are as follows:

- D-Delete the COPY-ID line.
- I-Insert a new COPY-ID line.
- R-Repeat (copy) the COPY-ID line.

RM251E

UTIL OPTIONS MUST BE Y OR N. PRESS HELP FOR MORE INFO.

Reason:

The utility option you selected is invalid. Valid utility options are as follows:

- Y-Display the copy analysis option panel for update.
- N-Do not display the copy analysis option panel.

RM252E

DUPLICATE COPY-IDS SPECIFIED. PRESS HELP FOR MORE INFO.

Reason:

The Copy-ID you specified has already been used.

Action:

Specify a unique Copy-ID.

RM253W

COPIES WITH THE SAME TRG SSID MUST SPECIFY GLOBAL CHANGES.

Action:

Specify a Global Change set for each Copy-ID going to the same target subsystem. This is required to prevent duplicate named objects.

RM254E

GLOBAL CHANGES MUST BE Y, N, U OR S. PRESS HELP FOR MORE INFO.

Reason:

The global change option you specified is invalid. Valid options are as follows:

- Y-Use the fully qualified Global Change set.
- N-Do not use global changes (remove the current Global Change set if applicable).
- U-Update the current Global Change set.
- S-Display a Global Change selection list. The Creator and/or Name may be specified as a mask using the percent sign as a wild card character.

RM255E

Valid line commands are A, D, E, I, N, V and X.

Reason:

An invalid line command was specified.

Action:

Provide a valid command. You can enter a question mark (?) in any command line to display details for available commands.

RM256E

EXPLODE VALUE MUST BE Y OR N.

Reason:

You have entered an invalid Implode/Explode option. Valid values are as follows:

- Y-Indicates that you want to implode or explode all applicable objects of this type
- N-Indicates that you do not want to implode or explode any objects of this type.

RM257I

NO OBJECTS SELECTED. QUICK MIGRATION TERMINATED.

Reason:

You pressed the END key from the Quick Migration screen with no objects selected for migration.

RM258E

YOU MUST SPECIFY A GLOBAL CHANGE SET NAME AND CREATOR.

Reason:

The global changes option you specified requires a valid Global Change set name and creator.

Action:

Enter a set name and creator or change the Global Changes option to S to display a selection list.

RM259E

THE SPECIFIED GLOBAL CHANGE SET DOES NOT EXIST. PRESS HELP FOR INFO.

Reason:

The Global Change set you specified does not exist.

Action:

Verify the name and creator or change the Global Changes option to S to display a selection list.

RM260I

PLEASE SUPPLY A NEW NAME FOR THIS TEMPLATED SET.

Reason:

The set you copied (templated) cannot be saved with the same name as the original.

Action:

Enter a new name.

RM261E**THE FIRST SET OF MASKS FOR AN OBJECT TYPE MAY NOT BE DELETED.****Reason:**

You tried to delete the first group of automapping masks for a specific object type. For each object type, at least one group of masks must exist, even if they are blank. A blank pair of Source and Target masks indicates that like-named objects are to be mapped. You can delete any other group but the first.

RM262E**QUICK MIGRATIONS CANNOT BE ANALYZED, TEMPLATED, OR UPDATED.****Reason:**

A Quick Migration strategy line cannot be analyzed, templated, or updated. Any Quick Migration data set line can be reanalyzed or updated. Updating the data set line will produce the Quick Migration Object Selection screen, allowing you to select or delete objects, or change the Explode/Implode options.

RM263E**AT LEAST ONE COLUMN MASK MUST EXIST PER TABLE. PRESS HELP FOR MORE.****Reason:**

You tried to delete the first column name automapping mask for a given table. There must be at least one Colname mask for each table, even if it is blank. A blank pair of Source and Target masks indicates that like-named columns will be mapped. You can delete any Colname mask but the first.

RM264E**VALID LINE COMMANDS ARE E, D, T, AND X. PRESS HELP FOR MORE INFO.****Reason:**

You entered an invalid line command. Valid options are as follows:

- E-Edit the dependent object. An alteration screen will appear.
- D-Drop this dependent object.
- T-Template this dependent object. The appropriate template screen will appear.
- X-Explode the dependent object. Another Alteration Explode List screen will be displayed, listing the objects that are dependent on this object.

RM265E

YOU MUST SELECT AN AUTOMAP MASK SET. PRESS HELP FOR MORE INFO.

Reason:

You must select an Automapping Mask set for this strategy.

Action:

To display a selection screen, enter * or % for the ruleset name or creator.

RM266I

PLEASE SELECT AN AUTOMAP MASK SET FOR YOUR STRATEGY.

Reason:

You must select an Automapping Mask set for this strategy.

Action:

Enter S next to the mask set you want to use.

RM267I

EXPLODED OBJECT HAS NO DEPENDENTS.

Reason:

An object selected for Explode has no dependent objects.

RM268E

YOU ARE NOT AUTHORIZED TO ACCESS THIS SET. PRESS HELP FOR MORE INFO.

Reason:

You have tried to use a set that you are not authorized for. The only sets you may access are those owned by your user ID and those with share option set to U (updateable) or Y (access but not update).

RM269E

YOU MUST SELECT A RULESET. PRESS HELP FOR MORE INFO.

Reason:

You must select a ruleset for this strategy.

Action:

To display a selection screen, enter r * or % for the ruleset name or creator.

RM270I

DUPLICATE SOURCE OBJECTS WITH NO GLOBAL CHANGES. PRESS HELP FOR INFO.

Reason:

If there are any new objects in this group migration analysis, you need to specify global changes for each primary pair. If there are no new objects, global changes are not required.

RM271I

ONE OR MORE OBJECTS REQUESTED FOR QUICK MIGRATIONS NOT FOUND.

Reason:

One or more objects you selected for Quick Migration do not exist. The Quick Migration Services screen displays, allowing you to select additional objects.

RM272E

THE "G" COMMAND IS VALID FOR MIGRATION STRATEGIES ONLY.

Reason:

You entered the "G" line command for a strategy type other than a migration strategy.

Action:

Use the "G" command beside a migration strategy to designate it as a group migration strategy.

RM273E

COPY GROUP CREATOR AND NAME REQUIRED FOR GROUP MIGRATIONS.

Reason:

A group migration cannot be executed until a Copy Group set has been selected.

Action:

Enter S in the Copy Group field to display a selection list. You can enter selection criteria in the Name and Creator fields to restrict the selection list. Or, if you enter the Name and Creator of the set you want to use, that set is selected automatically, and the selection screen does not appear.

RM274E

OUTPUT DATASET FOR GROUP MIGRATION MUST BE A PDS WITH NO MEMBER.

Reason:

A PDS and a member name or a sequential data set has been specified to hold the output from your Copy Group migration analysis. This type of migration requires that you specify a PDS, but not a member. When the analysis is executed, the DDL and BP commands for each Copy-ID in the Copy Group will be written to separate members in the output PDS. The member names will consist of the first four characters of the strategy name, followed by the Copy-ID name.

For example, if a Copy Group migration is performed on strategy TESTSTRT using a Copy Group with the Copy-IDs DB2T and DB2P, members TESTDB2T and TESTDB2P will be written to the output data set.

Note: This also applies to recovery analysis outputs for Copy Group migrations when RECOVERY=Y is in effect.

RM275E**OUTPUT DATASET FOR GROUP ICL-TO-DDL MUST BE A PDS WITH NO MEMBER.****Reason:**

A PDS and a member name or a sequential data set has been specified to hold the output from your Copy Group ICL-to-DDL analysis. This type of analysis requires that you specify a PDS, but not a member. When the analysis is executed, the DDL and BP commands for each Copy-ID in the Copy Group will be written to separate members in the output PDS. The member names will consist of the first four characters of the strategy name followed by the Copy-ID name.

For example, if a Copy Group ICL-to-DDL analysis is performed on strategy TESTSTRT using a Copy Group with the Copy IDs DB2T and DB2P, members TESTDB2T and TESTDB2P will be written to the output data set.

Note: This also applies to recovery analysis outputs for Copy Group ICL-to-DDL analyses when RECOVERY=Y is in effect.

RM276I**COPY GROUP SELECTIONS HAVE BEEN SET. PRESS HELP FOR MORE INFO.****Reason:**

The Copy Group set you specified will be used for this analysis.

Action:

To update this Copy Group set, replace the Y with a U, and the update screen will appear. To remove the Copy Group set, replace the Y with an N. If you remove it, you will need to select another before executing the analysis.

RM277I**COPY GROUP SELECTIONS HAVE BEEN RESET. PRESS HELP FOR MORE INFO.****Reason:**

The Copy Group set you selected previously has been removed.

Action:

You need to enter S in the Copy Group field to select another Copy Group set before you begin the group migration analysis. If you want to execute a regular migration instead of a group migration, press PF3 to return to the Strategy Services screen, then enter A next to the strategy name.

RM278I

NO MEMBERS EXIST FOR EDIT.

Reason:

No members were produced for this group migration because the Copy Group set specified on the Strategy Analysis screen does not contain any Copy-IDs. The Copy-IDs specify the global changes, target SSID, and utility options for each copy to be produced in the migration. Before proceeding, select another Copy Group set, or use the Copy Group Update screen to enter one or more Copy-IDs in the current set.

RM279E

EXPERT PROFILE MUST BE ACTIVE TO EXECUTE GROUP MIGRATION.

Reason:

You have tried to execute a group migration, which must access a Copy Group set under the Copy Group Services option of the Expert Profile Menu. You must be authorized to use Copy Group Services before executing a group migration.

RM280I

PLEASE SELECT A NEW MASK SET FOR YOUR COMPARE STRATEGY.

Reason:

This message appears on the Automap Mask Services screen when you execute the MASKSET command from the Compare Explode Services screen.

Action:

After you select a new Automapping Mask set, press Enter to display the confirmation screen, then press Enter again to return to the Compare Explode Services screen.

RM281I

THE MASKSET FOR THIS STRATEGY HAS BEEN CHANGED.

Reason:

This message appears on the Compare Explode Services screen after you execute the MASKSET command and select a new Automapping Mask set.

RM282I

THE MASKSET CHANGE HAS BEEN CANCELLED.

Reason:

This message appears on the Compare Explode Services screen after you press PF3 at the Compare Automap Mask Update Confirmation screen. The confirmation screen appears after you select a new Automapping Mask set via the MASKSET command.

RM283I

SELECT THE OBJECT TYPE YOU WISH TO MIGRATE.

Action:

Enter the object type you wish to migrate in the Object field, then press Enter to display the Object Selection screen.

RM284E

AN @DEFAULT MASK SET ALREADY EXISTS. PRESS HELP FOR MORE INFO.

Reason:

The default mask set named @DEFAULT already exists.

Action:

Specify a new name to save this set.

RM285I

SELECT THE GLOBAL CHANGE SET FOR COPY-ID *copy-id-name*.

Reason:

The Global Change set you select on this screen will be used with the Copy-ID specified.

Action:

To select a set, enter S in the O (Option) field beside the name of the Global Change set you want to use for this Copy-ID.

RM287I

NO @DEFAULT MASK SET EXISTS FOR THIS SUBSYSTEM. PRESS HELP FOR MORE.

Reason:

The @DEFAULT mask set was not installed on this subsystem.

Action:

Refer to the CA Quick Install documentation for further information on The program customization.

RM288I

PLEASE SELECT A COPY GROUP FOR THIS ANALYSIS.

Reason:

This message appears when you enter S in the Copy Group field of the Strategy Analysis screen for a group migration and the Copy Group Services screen appears.

Action:

To select a set, enter S in the O (Option) field beside the name of the Copy Group set you want to use for the strategy.

RM289W

YOU WILL NOT BE ABLE TO SAVE THIS STRATEGY. PRESS HELP FOR MORE.

Reason:

This message lets you know that the strategy you are displaying has a Share Option of Y, which means that you can view it or use it for an analysis, but you cannot update it because you are not its creator. Any changes you enter will not be saved.

RM290I

THE EXPLODE OPTION HAS BEEN CHANGED.

Reason:

The Explode option you entered has been changed successfully.

RM291I

THE EXPLODE OPTION CHANGE HAS BEEN AVERTED.

Reason:

The Explode option change was cancelled.

RM292E

LOCATION location IS NOT DEFINED IN THE COMPUTER ASSOCIATES PARMLIB.

Reason:

The location you entered is not recognized.

Action:

To display a list of valid locations, enter ? in the Location field.

RM293I

ONE OBJECT MATCHED YOUR SELECTION CRITERIA.

OBJECT WAS AUTO-SELECTED.

Reason:

Only one object matched your selection criteria. That object was auto-selected, and the selection list will not appear.

RM294I

COPY GROUP copy-group-function CANCELLED ON USER REQUEST.

Reason:

You entered the CANCEL command from the indicated function of Copy Group Services. The function is Create, Template, or Update.

RM295E

INVALID DATA ENTERED FOR REORG. PRESS HELP FOR MORE INFORMATION.

Reason:

You entered invalid data. The valid options listed below are in effect and the appropriate reorganization utilities are generated when these items are altered: FREEPAGE, PCTFREE, PRIQTY, SECQTY, ERASE, COMPRESS, VCAT, or STOGROUP:

- TS-Generate tablespace reorganization utilities.
- IX-Generate index reorganization utilities.
- B-Generate both tablespace and index reorganization utilities.
- N-Do not generate tablespace or index reorganization utilities.

RM296E

INVALID DATA ENTERED FOR REBUILD INDEX. PRESS HELP FOR MORE INFO.

Reason:

An invalid entry was specified for REBUILD INDEX.

Action:

Specify one of the following valid entries:

Y

Generates Rebuild Index utilities for indexes that were created with the DEFER clause of the CREATE statement. This removes the rebuild pending status.

N

Does not generate Rebuild Index utilities.

RM297I

GLOBAL CHANGE SERVICES NOT ACCESSIBLE AT THIS TIME

Action:

Global Change Services is currently in use. Complete your original global change function prior to re-entering Global Change Services.

RM298E

YOU MUST ENTER 'Y' TO DELETE, 'N' TO CANCEL.

Reason:

You entered an invalid character. Valid options are as follows:

- Y-Delete
- N-Cancel

RM299I

STRATEGY DELETE HAS BEEN CANCELED AT USER REQUEST.

Reason:

You requested that the strategy deletion be canceled.

RM300E

INVALID DATA ENTERED FOR REPORT TO DDLFILE. PRESS HELP FOR MORE INFO.

Reason:

You entered an invalid character in the RPT to DDLFILE field. Valid characters are as follows:

- Y-Yes. Include the Change Analysis Report at the end of the output DDLFILE and not in the message file (MSGFILE).
- N-No. Write the Change Analysis Report to MSGFILE.

RM301E

ENTER 'Y' TO CREATE AN INDEX OR 'N' TO CONTINUE.

Reason:

You entered an invalid character. Valid options are as follows:

- Y-Create an index.
- N-Continue

RM302E

'R' IS VALID FOR ALTERED OBJECTS ONLY. PRESS HELP FOR MORE INFO

Reason:

You entered an invalid option. The R (Report) is valid only for ALTERED objects. The R line command displays a report of the changes made to an altered DB2 object.

RM303E

INVALID DATA ENTERED FOR SQL ONLY. PRESS HELP FOR MORE INFORMATION.

Reason:

You entered an invalid character in the SQL Only field. Valid options are as follows:

- Y-Yes. Generate SQL only, with no CA Batch Processor commands.
- N-No. Do not limit the analysis output to SQL only.

RM304E

The 'A' LINE COMMAND IS NOT ALLOWED FOR THIS DATASET.

Reason:

The data set you selected contains DDL that the program generated from ICL statements. You cannot analyze it with the A line command.

RM305E

THIS COMMAND IS NOT VALID FOR ICL DATASETS. PRESS HELP FOR MORE INFO.

Reason:

You entered C, G, O, or S as the line command. These are invalid for an ICL data set. All other valid line commands do apply to ICL data sets.

RM306E

ICL INPUT AND OUTPUT DATESETS CANNOT BE EQUAL. PRESS HELP FOR INFO.

Reason:

You entered an ICL input data set name that is identical to the DDL output data set name. They cannot be the same, because the ICL would be overlaid by the DDL.

RM307E

ICL ANALYSIS IS ONLY VALID FOR COMPARE AND ALTER TYPE STRATEGIES.

Reason:

You entered the I line command for a migration strategy or an Import ICL strategy. The I command, which requests an ICL analysis, is valid only for compare and alteration strategies.

RM308E

A PARTITIONED TABLESPACE CANNOT CONTAIN MORE THAN ONE TABLE.

Reason:

You attempted to alter a non-partitioned tablespace that contains more than one table to be partitioned. This violates DDL restrictions.

RM309W

A TABLE AND PARTITIONED INDEX DO NOT EXIST FOR THIS TABLESPACE.

Reason:

You attempted to alter a non-partitioned tablespace that has no table to be partitioned. The program is unable to create a partitioned index.

RM310W

ONE OR MORE IMPLICIT FOREIGN KEY RELATION NAMES HAD TO BE GENERATED

Reason:

During the DDL File Import process, The program encountered two or more ALTER TABLE ADD FOREIGN KEY statements with no RELATION name for the same table, and the first eight characters of first column of the relation were the same. Because of this, to guarantee that all relations defined on a table are unique, The program has generated dynamic relation names. This might cause The program to generate drops for existing relations and to create new relations in which the only differences will be the relation name.

RM311E

ICL DATASET MUST BE SEQUENTIAL. IF PARTITIONED, ENTER MEMBER NAME.

Action:

If the ICL data set name you entered is a PDS, you must also enter a member name.

RM312E

ALLOCATION FAILED FOR ICL DATASET.

Reason:

Due to environmental conditions, the ICL output data set allocation has failed. Contact your MVS Systems Programmer.

RM313E

command COMMAND NOT VALID FROM STRATEGY ANALYSIS SERVICES.

Reason:

The primary command you entered is not available from the Strategy Analysis screen.

Action:

Enter a question mark (?) in the command line to see help for the available commands.

RM314E

FIRST RECORD OF AN ICL DATASET MUST BE .CONTROL SN(*creator.stratname*)

Reason:

In order to apply an ICL deck to a subsystem, the first record of the deck must be the following: .CONTROL SN(*creator.stratname*)

RM315E

OPEN FAILED FOR ICL DATASET

Reason:

The specified data set could not be opened.

Action:

Check the data set's validity and your authorizations for the data set.

RM316I

STRATEGY NAME NOT ENTERED, ICL IMPORT TERMINATING.

Reason:

You left the Name field blank on the Import ICL Dataset screen. The program attempted to parse the strategy name from the ICL Input Dataset, but was unable to do so, then terminated the import.

Action:

Try again, making sure that the ICL Input Dataset Name is correct. You can also enter the strategy name in the Name field.

RM317E

ICL PDS MUST NOT EQUAL ANALYSIS PDS.

Reason:

You entered an ICL input data set name that is identical to the DDL output data set name. They cannot be the same, because the ICL would be overlaid by the DDL.

RM318E**MULTIPLE PROCESSES AGAINST THE SAME OBJECT IS NOT ALLOWED****Reason:**

You specified two or more processes against an object within the same alteration strategy. This is not allowed. For example, you cannot drop a table and then re-create the dropped table using the same creator and name. The re-creation must be done in a separate alteration strategy.

RM319E**MOVE ANALYSIS IS ONLY VALID FOR MIGRATION STRATEGIES.****Reason:**

You tried to move a compare or alteration strategy. The M line command is valid only for migration strategies.

RM320E**INVALID DATA ENTERED FOR (M)OVE/(C)OPY. PRESS HELP FOR MORE INFO.****Reason:**

You entered an invalid character.

Action:

Enter M to move, or C to copy.

RM321E**INVALID DATA ENTERED FOR MAXTASKS. PRESS HELP FOR MORE INFO.****Reason:**

You entered an invalid character in the maxtasks field.

Action:

You must enter an integer between 1 and 9.

RM322E

INVALID DATA ENTERED FOR (E)XCP/(V)SAM. PRESS HELP FOR MORE INFO.

Reason:

You entered an invalid character in the (E)XCP/(V)SAM field to select the access method for your move or copy.

Action:

Enter E to use the CA EXCP (Execute Channel Program) method, or V to use the standard IBM Virtual Storage Access Method (VSAM). EXCP provides faster processing for a move or copy. You must have EXCP installed at your site.

RM323E

INVALID DATA ENTERED FOR RESERVE OBIDS. PRESS HELP FOR MORE INFO.

Reason:

You entered an invalid character in the Reserve OBIDs (Object File Identifiers) field. Reserving OBIDs makes sure that you will have the same OBIDs in the target objects after the move or copy.

Action:

Enter Y to reserve OBIDs, or N if you do not want to reserve OBIDs.

RM324E

INVALID DATA ENTERED FOR RESET PAGE RBA. PRESS HELP FOR MORE INFO.

Reason:

You entered an invalid character in the Reset Page RBA (Relative Byte Address) field.

Action:

Enter Y if you want to reset the page RBAs, or N if you want RC/Merger to determine whether this should be done. A setting of Y can affect the recoverability of the move or copy.

RM325E

INVALID DATA ENTERED FOR COLLISION RPT. PRESS HELP FOR MORE INFO.

Reason:

You entered an invalid character in the Collision Rpt field.

Action:

Enter Y if you want the Change Analysis Report to include a list of object name and OBID collisions. RC/Merger connects to the target SSID to get this information for the analysis. If you do not want the report, enter N.

RM326E

INVALID DATA ENTERED FOR CONVERT IX. PRESS HELP FOR MORE INFO.

Reason:

You entered an invalid character in the Convert IX (Index) field.

Action:

Enter Y if you want to convert indexes. Indexes are converted to Type 2. If you enter Y, you must also enter Y in the Reorg TS field *or* the Recover IX All field, but not both. If you do not want to convert indexes, enter N.

RM327E

INVALID DATA ENTERED FOR REORG TS. PRESS HELP FOR MORE INFO.

Reason:

You entered an invalid character in the Reorg TS (Tablespace) field.

Action:

Enter Y if you want to reorganize the tablespaces and rebuild the indexes. If you enter Y, you must also enter Y in the Convert IX field *and* N in the Recover IX All field. In this case, cards for the index move are not generated. If you do not want to reorganize the tablespaces, enter N.

RM328E

INVALID DATA ENTERED FOR REBUILD IX ALL. PRESS HELP FOR MORE INFO.

Reason:

An invalid character was specified in the Rebuild IX (Index) All field.

Action:

Specify one of the following values:

Y

Rebuilds all indexes but does not reorganize the tablespaces.

Note: If you specify Y, you must also specify Y in the Convert IX field and specify N in the REORG TS field.

N

Does not rebuild the indexes.

RM329E

REORG TS AND REBUILD IX ALL ARE MUTUALLY EXCLUSIVE.

Reason:

You specified Y in the Reorg TS field *and* the Rebuild IX All field. If you specify Y in one field, you must specify N in the other field.

Action:

For the Reorg TS and Rebuild IX All fields, ensure that one field specifies Y and the other field specifies N.

RM330I

STRATEGY DELETE CONFIRMATION HAS BEEN DISABLED

Reason:

This message appears when you issue the NOCONFIRM primary command on the Strategy Services screen. The program will not prompt you for confirmation of strategy delete requests.

Action:

You can enter the CONFIRM primary command to re-enable the prompt for delete confirmation.

RM331I**STRATEGY DELETE CONFIRMATION HAS BEEN ENABLED****Reason:**

This message appears when you issue the CONFIRM primary command on the Strategy Services screen. The program displays a Delete Confirmation screen when you enter the D line command to delete strategies.

Action:

You can use the NOCONFIRM primary command to disable the Delete Confirmation panel.

RM332I**ALL LINE COMMANDS WILL BE BYPASSED DUE TO SSID SWITCH****Reason:**

Indicates that all pending line commands have been bypassed due the SSID switch. Because The program is about to connect to a different subsystem, it will be unable to process strategy services commands on the old subsystem.

RM333E**THIS IS A RC/Merger ANALYSIS. ENTER "M" TO RE-ANALYZE THIS STRATEGY.****Reason:**

You entered a line command that is invalid for this item. The analysis you selected was as a Move or Copy analysis. RC/Merger must be used to re-analyze this strategy.

Action:

Use the M line command.

RM334E**NEW OBJECT CANNOT HAVE THE SAME NAME AND CREATOR AS ITS TEMPLATE****Reason:**

Column changes in the primary index named will not be propagated to its parent table because all changes are propagated from higher to lower levels of the structure. Instead, if you alter the table and change the primary key definition, The program will automatically alter the index.

RM335E

MOVE RE-ANALYSIS IS ONLY VALID FOR A PREVIOUS RC/Merger ANALYSIS.

Reason:

Message RM335E indicates that you entered an M (MERGE) line command beside an item that was not created. M is valid only beside a migration strategy name, to create an RC/Merger analysis, or beside an output item already originally created as an RC/Merger analysis.

RM336E

IF CONVERT IX IS Y , YOU MUST SELECT EITHER REORG OR REBUILD.

Reason:

You specified Y for the Convert IX (Index) field, and you also specified an identical value (Y or N) for *both* the Reorg TS (Tablespace) field and the Rebuild IX All field.

If you specify Y in the Convert IX field, you must also specify Y in the Reorg TS field or the Rebuild IX All field, but *not* both.

Action:

If you retain the Y specification for the Convert IX (Index) field, specify **Y** for the Reorg TS field *or* the Rebuild IX All field.

RM337E

SPECIFIED ANALYSIS IS IN USE. HELP FOR INFO.

Reason:

The analysis output you selected is in exclusive use by another user.

Action:

Wait and enter your selection later.

RM338E

ANALYSIS OUTPUT IS EMPTY. HELP FOR INFO.

Reason:

The strategy output you have selected for your edit or browse request contains no records.

RM339E**SPECIFIED ANALYSIS OUTPUT NOT FOUND. HELP FOR INFO.****Reason:**

The strategy output you have selected for your edit or browse request no longer exists or could not be found.

RM340E**SPECIFIED ANALYSIS OUTPUT IS CORRUPT. HELP FOR INFO.****Reason:**

The strategy output you have selected is incomplete and might have one or more missing records. This situation can occur if there is a system problem that prevents all analysis output records from being successfully written to the output table. You can inspect the output to determine whether the missing records are critical to the successful running of the analysis. For example, the missing records might belong to trailer reports that do not affect the integrity of the generated DDL. If, however, the analysis output is not usable, you might need to rerun the analysis to build new output. The old output can then be deleted.

RM342E**NO ANALYSIS OUTPUT TO EDIT. HELP FOR INFO.****Reason:**

There is no current output available to edit for this selection.

Action:

You must first run an analysis against this strategy. You can then edit the new output from this screen at that time. If you want to edit prior analysis output, you must do so from the Strategy Services screen.

Note: When UPDATE DATE and UPDATE TIME are filled in, there is editable output from the most recent analysis. These fields automatically reset to N/A after returning to the Strategy Services screen.

RM343I

THIS IS YOUR FIRST TIME IN MANAGED OUTPUT SELECTION. HELP FOR INFO.

Reason:

This message displays the first time you execute the release of the program with the Managed Output Selection list. The Managed Output Selection List shows you all incidents of DB2-resident analysis output for each strategy that has this type of output. Each entry shows the type of output, the name of the strategy it is associated with, and the creator of the strategy. To the far right is information showing the user who analyzed the strategy and generated the output. The date and time of the analysis are also shown.

Action:

When the Managed Output Selection List displays, you can select only one item by entering S next to the item to be selected.

You can use the primary command DATE to toggle the format in which the date and time are displayed, that is, with or without delimiters. With delimiters, the date and time are displayed as mm-dd-yy hh:mm:ss.xx. Without delimiters, the date and time are displayed as yyyymmdd hhmmssxx.

RM344E

ENTER ONE 'S' TO SELECT AN RC/M MANAGED OUTPUT. HELP FOR INFO.

Reason:

You entered a selection character other than S, or you selected more than one item in the list.

Action:

Enter S next to the item to be selected, or remove the extra selections if you have selected more than one.

RM345E**YOU MUST ENTER A VALID RC/M MANAGED OUTPUT TYPE. HELP FOR INFO.****Reason:**

You entered an invalid output type specification. When specifying an output type as part of the selection criteria, you must specify * or a type that is shown within the parentheses immediately to the right of this field. The valid types are dynamically determined by The program and are dependent on the requirements of the current process you are performing. All possible types that can be specified, along with their meanings, are listed below; however, you are still restricted to only those types listed on the current screen within the parentheses to the right of this field.

- D-DDL analysis output. You might see this type, for example, as a choice for Batch Processor input.
- I-ICL analysis output. You might see this type, for example, as a choice when selecting input to perform ICL-to-DDL analysis.
- R-Recovery analysis output. You might see this type, for example, as a choice when selecting input to the Batch Processor if you need to recover your DB2.

RM346E**YOU MUST ENTER A VALID RC/M MANAGED OUTPUT DATE. HELP FOR INFO.****Reason:**

The program has detected an invalid RC/M managed output date specification. When specifying an output date as part of the selection criteria it must be in the form `yyyymmdd`, a pattern adhering to this form, or an asterisk (*); where `yyyy` is the year, `mm` is the month and `dd` is the day. Below are some examples of valid date specifications (imbedded spaces are not allowed)::

- *-Include all years, months, and days.
- 1995*-Include all dates that are in the year 1995.
- 199501*-Include all days that are in the month of January 1995.
- 1995013*-Include only the last two days of January 1995.
- 19950131-Include only the last day of January 1995.

RM347E

YOU MUST ENTER A VALID RC/M MANAGED OUTPUT TIME. HELP FOR INFO.

Reason:

You entered an invalid output time specification.

Action:

When you are specifying an output time as part of the selection criteria it must be in the form hhmmssxx, a pattern adhering to this form, or an asterisk (*); where hh is the hours, mm is the minutes, ss is the seconds, and xx is the hundredths of a second. Below are some examples of valid time specifications (imbedded blanks are not allowed):

- *-Include all times.
- 12*-Include all managed output from 12:00:00.00 through 12:59:59.99.
- 15432*-Include all managed output from 15:43:20.00 through 15:43:29.99.
- 235959*-Include only the last second of the day.
- 16234501-Include managed output that exactly matches the time 16:23:45.01.

RM348E

INVALID DATA ENTERED FOR RUNSTATS. PRESS HELP FOR MORE INFO.

Reason:

You entered an invalid value for the RUNSTATS option.

Action:

You must enter a Y or an N as indicated following:

- Enter 'Y' for this option if you want RUNSTATS control cards to be generated for all involved tablespaces and indexes. If you choose this, then on execution of your strategy, the RUNSTATS utility will be executed to update your catalog statistics.
- Enter 'N' for this option if you do not want this to take place.

Note: S is not supported from this panel for regular migrations or quick migrations.

RM349E

VALID OPTIONS ARE C, D, R. PRESS HELP FOR MORE INFO.

Reason:

You have entered an invalid line command. The following line commands can be used:

- C-Clear the change.
- D-Delete the change.
- R-Repeat the change.

RM350W

DROP OBJECTS MUST BE Y OR O TO ENABLE SELECTED OPTIONS. HELP FOR INFO.

Reason:

You selected one or more Strategy Recovery options which require that the DROP OBJECTS option on the RC/M Strategy Analysis Options panel be set to 'Y' or 'O' in order for them to be honored during strategy analysis time and subsequently during recovery processing.

The options that are affected on the RC/M Recovery Options panel are as follows:

- CONTROL OPTIONS-SECURITY, DEFAULT SQLID
- UTILITY OPTIONS-RUNSTATS, CHECK DATA, IMAGE COPY, (B)IND/(R)EBIND
- DATA UNLOAD OPTIONS-ALL ROWS, NUMBER ROWS
- DATASET DELETE OPTIONS-UNLOAD, TEMPORARY
- EXCLUSIVE OPTIONS-NO .AUTHS

RM351W

SELECTED STRATEGY RECOVERY OPTIONS WILL BE IGNORED. HELP FOR INFO.

Reason:

You changed the DROP OBJECTS option from a 'Y' or 'O' to an 'N' and there are one or more options that are currently selected on the RC/M Strategy Recovery Options panel that will now be ignored during strategy analysis and subsequently during recovery processing.

The options that are affected on the RC/M Recovery Options panel are as follows:

- CONTROL OPTIONS-SECURITY, DEFAULT SQLID
- UTILITY OPTIONS-RUNSTATS, CHECK DATA, IMAGE COPY, (B)IND/(R)EBIND
- DATA UNLOAD OPTIONS-ALL ROWS, NUMBER ROWS
- DATASET DELETE OPTIONS-UNLOAD, TEMPORARY
- EXCLUSIVE OPTIONS-NO .AUTHS

RM352I

SELECTED STRATEGY RECOVERY OPTIONS WILL BE ENABLED. HELP FOR INFO.

Reason:

You changed the DROP OBJECTS option from an 'N' to a 'Y' or 'O'. This causes The program to honor one or more selected Strategy Recovery options that were previously being ignored when DROP OBJECTS was set to 'N'.

The options that are affected on the RC/M Recovery Options panel are as follows:

- CONTROL OPTIONS-SECURITY, DEFAULT SQLID
- UTILITY OPTIONS-RUNSTATS, CHECK DATA, IMAGE COPY, (B)IND/(R)EBIND
- DATA UNLOAD OPTIONS-ALL ROWS, NUMBER ROWS
- DATASET DELETE OPTIONS-UNLOAD, TEMPORARY
- EXCLUSIVE OPTIONS-NO .AUTHS

RM353E

INPUT ICL CANNOT BE FOUND OR NO LONGER EXISTS. HELP FOR INFO.

Reason:

The ICL analysis output that you specified to be used as input on your ICL-TO-DDL analysis no longer exists or could not be found.

RM354E

INPUT DDL CANNOT BE FOUND OR NO LONGER EXISTS. HELP FOR INFO.

Reason:

The DDL analysis output that you have specified to be used as input to the syntax checker no longer exists or could not be found.

RM355E

YOU MUST ENTER A VALID SSID. HELP FOR INFO.

Reason:

A blank or invalid SSID has been entered as part of the selection criteria for the RC/M managed table specifications.

RM356E

THIS COMMAND IS NOT VALID FOR DATASET OUTPUT. HELP FOR MORE INFO.

Reason:

You are attempting to display comments for data set analysis output. Only RC/M managed analysis output supports optional comments.

RM357W

YOU ARE MAPPING A TABLE WITH A FOREIGN KEY. PRESS HELP FOR INFO.

Reason:

You are column mapping a table that contains columns that are involved in foreign keys.

Action:

It is recommended that you do not sever a link between a source and target column that CA RC/Compare has created between columns of foreign keys. You are not restricted from performing a sever on a matched foreign key column, but unpredictable results may occur when these columns change position.

You may map together unmatched columns of foreign keys and you may sever the link between columns that you have previously mapped. Also, there are no restrictions on columns that are not part of foreign keys. The only special consideration involves foreign key columns that CA RC/Compare has automatically mapped.

RM358E

ANALYSIS OUTPUT SELECTED FOR DELETE IS IN USE. HELP FOR INFO.

Reason:

The strategy output you have selected cannot be deleted because the analysis output itself is in use by another user and/or its associated SNAPSHOT recovery analysis output is in use by another user.

RM359E

REQUESTED STRATEGY CANNOT BE DELETED AT THIS TIME. HELP FOR INFO.

Reason:

The strategy that you requested to be deleted cannot be deleted at this time because there are one or more associated RC/M managed analysis outputs, strategy analysis outputs and/or SNAPSHOT recovery analysis outputs, that are in use by other users. All analysis outputs that could be deleted have been deleted. Analysis outputs that were in use at the time of the request have not been deleted.

Action:

Try deleting the strategy at another time when the remaining analysis outputs are not in use by other users.

RM360E

IMPORT ICL CANNOT BE FOUND OR NO LONGER EXISTS. HELP FOR INFO.

Reason:

The ICL analysis output that you have specified to be imported no longer exists or could not be found.

RM361E

IMPORT ICL IS IN USE. HELP FOR INFO.

Reason:

The ICL that you specified to be imported is in exclusive use by another user.

RM362E

DYNAMIC ALLOCATION OF WORK DD merrddn FAILED. HELP FOR INFO.

Reason:

The dynamic allocation of a work data set has failed due to environmental conditions. The DDNAME of the data set is identified in the message.

Action:

Make sure that the data set is not already open, previously allocated or in use. If you are unable to resolve the problem, contact your MVS Systems Programmer.

RM363E

OPEN OF WORK DD merrddn FOR merrdir FAILED. HELP FOR INFO.

Reason:

The open request for a work data set has failed. The message shows the DDNAME of the data set and whether it was being opened for input or output.

Action:

Make sure that the data set is not already open or in use. If you are unable to resolve the problem, contact your MVS Systems Programmer.

RM364E

BAD RETURN FROM merrmod; FUNC=merrfunc, RC=merrrc. HELP FOR INFO.

Reason:

One of the PTAxxxx family of routines failed with an unexpected return code. The message indicates the specific module or routine that failed, the function which was being performed and a decimal return code.

Action:

Record the information in the message for future reference.

RM365I

INVALID ICL SPECIFICATION, ICL IMPORT TERMINATING. HELP FOR INFO.

Reason:

You hit the PF3 key or entered END without properly specifying or selecting valid input ICL on the ICL panel. The program automatically terminates the Import ICL processing under these conditions.

Action:

If you did not wish to terminate the Import ICL processing, try again making sure that an input ICL has been properly specified under the INPUT ICL SPECIFICATIONS section on the Import ICL panel.

Note: If input ICL was improperly specified or the specified ICL does not exist, The program treats it as if none was specified.

RM366E

SOURCE SQL CANNOT BE FOUND OR NO LONGER EXISTS. HELP FOR INFO.

Reason:

The output DDL that you specified to be used as the Source SQL in this compare strategy could not be found or no longer exists.

RM368E

TARGET SQL CANNOT BE FOUND OR NO LONGER EXISTS. HELP FOR INFO.

Reason:

The output DDL that you specified to be used as the Target SQL in this compare strategy could not be found or no longer exists.

RM369E

TARGET SUBSYSTEM DB2 VERSION mtargver IS INVALID. HELP FOR INFO.

Reason:

The DB2 version to be assumed for the target of this migration strategy is invalid.

Action:

Enter a valid DB2 version.

RM370E**ENTER MANAGED OUTPUT CRITERIA FOR YOUR SOURCE SQL. HELP FOR INFO.****Reason:**

You have not specified criteria for selecting your Source SQL or you exited the RC/M Managed Output Selection panel without selecting a DDL for your Source SQL.

Action:

Enter the required selection or search criteria starting at the prompt. If you enter search criteria, a selection list will be displayed.

RM371E**ENTER MANAGED OUTPUT CRITERIA FOR YOUR TARGET SQL. HELP FOR INFO.****Reason:**

You have not specified criteria for selecting your Target SQL or you exited the RC/M Managed Output Selection panel without selecting a DDL for your Target SQL.

Action:

Enter the required selection or search criteria starting at the prompt. If you enter search criteria, a selection list will be displayed.

RM372I**STRATEGY CREATE TERMINATED. NO STRATEGY CREATED. HELP FOR INFO.****Reason:**

You hit the PF3 key or entered END or failed to hit the ENTER key at a point during strategy creation which prevented its successful creation. When the PF3 key or END is entered before all required fields are filled in on Create Strategy panels, RC/M MIGRATOR automatically terminates processing, no strategy is created and you are returned to the RC/M Strategy Services panel.

Action:

If you did not wish to terminate Strategy Creation, try again making sure that all required fields are filled in on the Strategy Creation panels and hit the ENTER key (unless otherwise directed) in order to proceed to the next panel or to complete the successful creation of your strategy.

RM373I

SELECT A MANAGED OUTPUT FOR YOUR SOURCE IMPORT SQL. HELP FOR INFO.

Reason:

No objects matched or more than one object matched the selection criteria you specified for the Source Import SQL on the RC/M Create Compare Strategy panel.

Action:

If a list of objects is presented, you must make a selection from the displayed list.

If no list is presented, then no objects matched any of the selection criteria that you specified for the Source Import SQL. Change the selection criteria to create a list which includes one or more objects.

You may also change the selection criteria on this panel in order to obtain different lists without leaving the RC/M Managed Output Selection panel. If you PF3 out or enter END without making a selection, no selection will be made and the original selection criteria that you specified for the Source Import SQL on the RC/M Create Compare Strategy panel will be restored.

RM374I

SELECT A MANAGED OUTPUT FOR YOUR TARGET IMPORT SQL. HELP FOR INFO.

Reason:

No objects matched or more than one object matched the selection criteria you specified for the Target Import SQL on the RC/M Create Compare Strategy panel.

Action:

If a list of objects is presented, you must make a selection from the displayed list.

If no list is presented, then no objects matched any of the selection criteria that you specified for the Target Import SQL. Change the selection criteria to create a list which includes one or more objects.

You may also change the selection criteria on this panel in order to obtain different lists without leaving the RC/M Managed Output Selection panel. If you PF3 out or enter END without making a selection, no selection will be made and the original selection criteria that you specified for the Target Import SQL on the RC/M Create Compare Strategy panel will be restored.

RM375E

UNABLE TO READ *rmess* IMPORT SQL. PRESS HELP FOR MORE INFO.

Reason:

The data set or output you specified as the Source or Target Import SQL for your compare strategy cannot be read.

Additional messages are displayed on your screen which describe the specific problem in more detail.

RM376E

UNABLE TO CONNECT TO *rmess* IMPORT SQL SUBSYSTEM. HELP FOR MORE INFO.

Reason:

A successful connection to the DB2 subsystem, on which the Source or Target Import SQL which you specified for your compare strategy, could not be made.

Additional messages are displayed on your screen which describe the specific problem in more detail.

RM377E

SEVERE ERROR FOLLOWS SYNTAX ERRORs IN *rmess* IMPORT SQL. HELP FOR INFO.

Reason:

A severe error occurred while attempting to process the imported Source or Target SQL. This severe error may have caused processing of the imported SQL to be terminated before all SQL errors were detected.

Action:

Carefully inspect all messages on your screen for non-syntax related errors. These messages will usually be found at the end of the error list and provide more detailed information as to the cause of the problem. Correct the problem which caused the severe error and try creating the strategy again.

RM378E

NO RECOVERY DDL IS AVAILABLE. SNAPSHOT NEVER EXECUTED. HELP FOR INFO.

Reason:

There is no SNAPSHOT recovery DDL available for the specified strategy analysis output because, even though the RECOVERY option was enabled at the time of the analysis, the SNAPSHOT in the resulting analysis output was never successfully executed through the Batch Processor.

Note that RM378E is only issued when SNAPSHOT recovery analysis is being directed to a RC/M managed DB2 table. No diagnostic messages are issued when SNAPSHOT recovery analysis is directed to a data set, even though the SNAPSHOT may never have been successfully executed through the Batch Processor.

RM380W

RECOVERY OUTPUT SWITCHED TO DATASET AS PER GLOBAL OPERATIONAL PARMS.

Reason:

The destination of the recovery analysis output that was used in the old strategy analysis, under which your new analysis is being modeled, does not correspond to the destination for recovery analysis outputs as specified on RC/M's Global Operational Parameters panel. The destination of the recovery analysis output for your new strategy analysis has been automatically switch to a DATASET in order to comply with RC/M's current Global Operational Parameters settings.

Action:

You should enter U for the RECOVERY option in order to bring up the RC/M Strategy Recovery Options panel so that you can verify the RECOVERY DATASET SPECIFICATIONS that will be used. If the current settings are not desirable, you can change them from the RC/M Strategy Recovery Options panel or enter O or OUTPUT on the command line in order to toggle the destination so that the recovery analysis output goes to an RC/M-managed DB2 table.

RM381W**RECOVERY SWITCHED TO MANAGED OUTPUT AS PER GLOBAL OPERATIONAL PARMS.****Reason:**

The destination of the recovery analysis output that was used in the old strategy analysis, under which your new analysis is being modeled, does not correspond to the destination for recovery analysis outputs as specified on RC/M's Global Operational Parameters panel. The destination of the recovery analysis output for your new strategy analysis has been automatically switched to the RC/M-managed DB2 table in order to comply with RC/M's current Global Operational Parameters settings.

Action:

You may enter U for the RECOVERY option in order to bring up the RC/M Strategy Recovery Options panel. Once there, you can verify the RECOVERY OUTPUT SPECIFICATIONS that will be used. If the current settings are not desirable, you can enter O or OUTPUT on the command line in order to toggle the destination so that the recovery analysis output goes to a DATASET.

RM382E**IMPORT ICL STRATEGIES CANNOT BE TEMPLATED OR UPDATED. HELP FOR INFO.****Reason:**

The U or T option on the strategy line for an Import ICL strategy and Import ICL strategies cannot be templated or updated. An Import ICL strategy, which is created by selecting option 9 from the RC/M Expert Profile panel, can only be deleted or re-analyzed.

Action:

If you wish to re-analyze an Import ICL strategy, you must do so from the analysis output line.

RM383E**IMPORT ICL STRATEGIES CANNOT BE RE-ANALYZED FROM THE STRATEGY LINE.****Reason:**

You entered the A option on the strategy line for an Import ICL strategy and Import ICL strategies cannot be re-analyzed from the strategy line.

Action:

If you wish to re-analyze an Import ICL strategy, you must do so from the analysis output line.

RM384E

DATASET NAME WILL BE TOO LONG AFTER INSERTING HIGH-ORDER QUALIFIER.

Reason:

You entered an unquoted DATASET NAME and The program is unable to insert your "USERID." high-order qualifier prefix because it will make the DATASET NAME too long.

Action:

Enter the DATASET NAME in quotes, or shorten the name so that the length of the unquoted name plus the length of your "USERID." high-order qualifier does not exceed 44 characters.

RM385I

NO OBJECTS MATCHED YOUR SELECTION CRITERIA. PLEASE ENTER NEW CRITERIA.

Reason:

No objects matched the selection criteria you specified or that was specified for you.

Action:

Change the selection criteria in order to create a list that includes one or more objects.

You may change the selection criteria on this panel as many times as you want in order to obtain different lists without leaving the RC/M Managed Output Selection panel. If you PF3 out or enter END without making a selection, no selection will be made and you will be returned to the previous panel.

RM386I

OBJECT CANNOT BE FOUND OR NO LONGER EXISTS. PLEASE ENTER NEW CRITERIA.

Reason:

The object that you explicitly specified, or that was specified for you, could not be found or no longer exists.

Action:

Change the selection criteria in order to create a list which includes one or more objects. You may then select an object from the list.

You may change the selection criteria on this panel as many times as you want in order to obtain different lists without leaving the RC/M Managed Output Selection panel. If you PF3 out or enter END without making a selection, no selection will be made and you will be returned to the previous panel.

RM387E**YOU ARE NOT AUTHORIZED TO ACCESS THE SPECIFIED ANALYSIS OUTPUT.****Reason:**

You attempted to access an analysis output for which you do not have proper authority. You may not read, update or delete the specified analysis output due to *one* of the following reasons:

- The Share Option of the parent strategy is 'N' and you are not the creator of the strategy.
- The Share Option of the parent strategy is 'X' and you are neither the creator of the strategy nor the user that performed the analysis.

RM388E**YOU ARE NOT AUTHORIZED TO UPDATE THE SPECIFIED ANALYSIS OUTPUT.****Reason:**

You attempted to update analysis output for which you do not have proper authority.

Your request to update the analysis output is denied because the Share Option of the parent strategy is 'L' and you are neither the creator of the strategy nor the user that performed the analysis.

RM389E**YOU ARE NOT AUTHORIZED TO DELETE THE SPECIFIED ANALYSIS OUTPUT.****Reason:**

You attempted to delete an analysis output for which you do not have proper authority to delete. You may not delete the specified analysis output due to one of the following reasons:

- The Share Option of the parent strategy is 'N' and you are not the creator of the strategy.
- The Share Option of the parent strategy is 'X' or 'L' and you are neither the creator of the strategy nor the user that performed the analysis.

RM390E

RC/Merger HAS NOT BEEN PURCHASED. PRESS HELP FOR MORE INFORMATION.

Reason:

You have requested a Merge analysis of a Migration strategy and RC/Merger has not been purchased at your site.

Action:

If you are interested in obtaining RC/Merger for a free trial period, contact one of our service representatives.

RM391I

NO DETECTABLE CHANGES. OBJECT NOT SAVED. HELP FOR INFO.

Reason:

The object that you are currently editing has not been saved because there were no detectable changes.

When you explicitly SAVE the object, or PF3 out of the ISPF edit session, the in-core copy of the object's data is written out only when changes have been made since the start of the session or since the last explicit SAVE.

RM392I

ANALYSIS ROW DELETE HAS BEEN CANCELED AT USER REQUEST.

Reason:

You have requested that the specified analysis row not be deleted.

RM393I

REQUESTED STRATEGY NOT DELETED DUE TO OUTSTANDING ANALYSIS ROWs.

Reason:

The strategy that you requested to be deleted cannot be deleted at this time because there are one or more associated analysis rows which have not been deleted at your request. All other analysis rows, including any associated analysis outputs, have been deleted.

Action:

If you wish to delete the strategy, all analysis rows must also be deleted.

RM394E**REQUESTED ANALYSIS ROW IS IN PROTECT STATUS AND CANNOT BE DELETED.****Reason:**

The strategy row that you requested to be deleted is in PROTECT status and cannot be deleted at this time.

Action:

If you wish to delete the analysis row, you must first remove it from PROTECT status and then re-issue the delete request.

RM395E**REQUESTED STRATEGY NOT DELETED DUE TO PROTECTED ANALYSIS ROWs.****Reason:**

The strategy that you requested to be deleted cannot be deleted at this time because there are one or more associated analysis rows which are in PROTECT status. All other analysis rows that could be deleted have been deleted.

Action:

If you wish to delete the strategy, you must first remove the remaining analysis rows from PROTECT status and then re-issue the delete request.

RM396E**ANALYSIS ROW CANNOT BE DELETED BECAUSE ANALYSIS OUTPUT IS EXECUTING.****Reason:**

The strategy row that you requested to be deleted has associated analysis output (strategy analysis output or SNAPSHOT recovery analysis output) which, according to the Batch Processor Log, is currently executing and cannot be deleted at this time.

Action:

Wait until the job has finished executing before deleting the row.

If there is no job executing, it is possible that the Batch Processor Log is out of sync due to a previous system failure or crash. If this is the case, you must first delete the log entry that is in error through the RC/M-Execution Display Facility before the analysis row can be successfully deleted.

RM397E

REQUESTED STRATEGY NOT DELETED BECAUSE ANALYSIS OUTPUT IS EXECUTING.

Reason:

The strategy that you requested to be deleted cannot be deleted at this time because there is at least one associated analysis row whose analysis output (strategy analysis output or SNAPSHOT recovery analysis output) which, according to the Batch Processor Log, is currently executing and cannot be deleted at this time. All other analysis rows that could be deleted have been deleted.

Action:

Try deleting the strategy at another time when none of its remaining analysis outputs are being executed.

If there is no job executing, it is possible that the Batch Processor Log is out of sync due to a previous system failure or crash. If this is the case, you must first delete the log entr(ies) that are in error through the RC/M-Execution Display Facility before the strategy can be successfully deleted.

RM398E

SPECIFIED STRATEGY ANALYSIS ROW CANNOT BE FOUND OR NO LONGER EXISTS.

Reason:

The strategy analysis row you selected no longer exists or could not be found.

RM399E

SPECIFIED STRATEGY ANALYSIS ROW IS CURRENTLY IN USE.

Reason:

The strategy analysis row you selected is in exclusive use by another user. Try the specified operation or function at a later time when the row is no longer in use.

RM400E

SPECIFIED ANALYSIS ROW CONTAINS NO ASSOCIATED RC/M-MANAGED OUTPUT.

Reason:

You attempted an operation or function on a strategy analysis row which is only applicable for rows with RC/M-managed output; however, the analysis row that you specified does not contain any associated RC/M-managed output of any kind, from a strategy analysis or a SNAPSHOT recovery analysis. The operation or function cannot be performed. The program takes no action on the row.

RM401E**YOU ARE NOT AUTHORIZED TO PROTECT THE SPECIFIED ANALYSIS ROW.****Reason:**

You attempted to issue a PROTECT on an analysis output row on which you do not have proper authority. You may not issue a PROTECT on the specified analysis output row due to one of the following reasons:

- The Share Option of the parent strategy is N and you are not the creator of the strategy.
- The Share Option of the parent strategy is X or L and you are neither the creator of the strategy nor the user that performed the analysis of the strategy.

RM402E**YOU ARE NOT AUTHORIZED TO UN-PROTECT THE SPECIFIED ANALYSIS ROW.****Reason:**

You attempted remove the PROTECT status on an analysis output row on which you do not have proper authority to un-protect. You may not remove the PROTECT status on the specified analysis output row due to one of the following reasons:

- The Share Option of the parent strategy is 'N' and you are not the creator of the strategy.
- The Share Option of the parent strategy is 'X' or 'L' and you are neither the creator of the strategy nor the user that performed the analysis of the strategy.

RM403I**REQUESTED STRATEGY ANALYSIS ROWS HAVE BEEN PROTECTED.****Reason:**

The analysis rows that you flagged for protection, by placing a P on the line command, have been successfully placed into PROTECT status. Each protected analysis row is indicated by a p flag in the right-most position of the description area that normally describes the type and location of the analysis' output.

Analysis rows cannot be deleted while in PROTECT status. They may, however, be browsed or updated through the ISPF editor or submitted for execution through the CA batch Processor.

Action:

When you decide that you want to remove the PROTECT status, tab to the p flag and clear it by pressing the space bar or delete key. Any non-blank character entered in this position will be ignored and automatically reset to p by The program.

RM404I

REQUESTED STRATEGY ANALYSIS ROWS HAVE BEEN UN-PROTECTED.

Reason:

The analysis rows, on which you cleared the p flag, have been successfully removed from PROTECT status. Each un-protected analysis row is indicated by the absence of the p flag in the right-most position of the description area which normally describes the type and location of the analysis' output.

Note that analysis rows may be explicitly or implicitly deleted while un-protected.

RM405E

VALUE SPECIFIED FOR MINIMUM ANALYSIS ROWS MUST BE 0-99999 OR *.

Reason:

The value that you specified for the minimum number of analysis rows that are to be maintained is not a numeric value of from 0 to 99999 or an asterisk (*). An asterisk indicates that this field contains no limiting criteria and is logically interpreted by the program as being equivalent to specifying zero (0) at the time Managed Output Maintenance is performed.

RM406E

VALUE SPECIFIED FOR MAXIMUM ANALYSIS ROWS MUST BE 1-99999 OR *.

Reason:

The value that you specified for the maximum number of analysis rows that are to be maintained is not a numeric value of from 1 to 99999 or an asterisk (*). An asterisk indicates that this field contains no limiting criteria and is logically interpreted by The program as being equivalent to specifying infinity at the time Managed Output Maintenance is performed.

RM407E

MINIMUM ROWS MAY NOT BE GREATER THAN MAXIMUM ROWS. HELP FOR INFO.

Reason:

The value that you specified for the minimum number of analysis rows is greater than the value specified for the maximum number of analysis rows that are to be maintained or retained.

RM408E

VALUE SPECIFIED FOR MAXIMUM AGE MUST BE 1-99999 OR *.

Reason:

The value that you specified for the maximum number of days that analysis rows are to be maintained is not a numeric value of from 1 to 99999 or an asterisk (*). An asterisk indicates that this field contains no limiting criteria and is logically interpreted by The program as being equivalent to specifying infinity at the time Managed Output Maintenance is performed.

RM409I

SELECT A MEMBER FOR YOUR INPUT ICL FILE.

Action:

You need to select a member from the selection list. The data set name you specified for the source SQL is a partitioned data set. The members listed are all members of the PDS.

RM410W

APPLY OF OUTPUT MAINTENANCE SPECIFICATIONS IS DISABLED.

Reason:

You modified one or more of the Default Managed Output Maintenance Specifications fields pertaining to the minimum, maximum and/or age criteria; however, the “Apply to new strategies created” and “Apply to old strategies analyzed” options are both set to N. The changes that you have made to the default Managed Output Maintenance criteria will not be applied to new strategies that are created or old strategies that are analyzed until one or both option are set to Y.

RM411I

APPLY OF OUTPUT MAINTENANCE SPECIFICATIONS HAS BEEN DISABLED.

Reason:

You disabled the automatic application of default Managed Output Maintenance criteria to new and old strategies by setting both the “Apply to new strategies created” and the “Apply to old strategies analyzed” options to N. Only old strategies that have defined Managed Output Maintenance criteria will have their analysis rows automatically maintained by The program.

RM412I

APPLY OF OUTPUT MAINTENANCE SPECIFICATIONS HAS BEEN ENABLED.

Reason:

You enabled the automatic application of default Managed Output Maintenance criteria for new and/or old strategies by setting the "Apply to new strategies created" option and/or the "Apply to old strategies analyzed" option to Y when they were previously both N.

If the "Apply to new strategies created" option was set to Y, the default maintenance criteria specified on this panel will be applied to all new strategies that you create. Each new strategy's METHOD of maintenance attribute will automatically be set to an initial value of GLOBAL.

If the "Apply to old strategies analyzed" option was set to Y, the default maintenance criteria specified on this panel will be applied to all old strategies that are analyzed which also have their METHOD of maintenance attribute set to GLOBAL. Those strategies whose METHOD of maintenance attribute set to DISABLED, NONE or USER will not be affected.

RM413I

THIS IS YOUR FIRST TIME IN DESCRIPTION LIST MODE. HELP FOR INFO.

Reason:

This message displays the first time you enter the program's Managed Output Maintenance facility with the DESCRIPTION LIST MODE. This mode, when enabled, lists the strategy's description field under the name of each strategy in the selection list. If no description exists for a strategy (the description is blank), no description will be displayed

Action:

You can use the primary command D to toggle the existence of the mode, and you may also use the line command ! next to the strategy name to toggle existence of the description for that specific strategy.

RM414E

YOU MUST ENTER A VALID STRATEGY TYPE: A,C,I,M,Q. HELP FOR INFO.

Reason:

The program has detected an invalid strategy type specification. When specifying a strategy type as part of the selection criteria, you must specify an A, C, I, M or Q, or a percent sign (%), asterisk (*), underscore (_) or blank. The % and * are logically equivalent. A blank is translated into an asterisk.

RM415E

YOU MUST ENTER A VALID SHARE OPTION: N,Y,U,X,L. HELP FOR INFO.

Reason:

The program has detected an invalid strategy share option specification.

Action:

When specifying a strategy share option as part of the selection criteria, you must specify an N, Y, U, X or L, or a percent sign (%), asterisk (*), underscore (_) or blank. The % and * are logically equivalent. A blank is translated into an asterisk.

RM416E

SPECIFIED STRATEGY CONTAINS NO MAINTENANCE CRITERIA. HELP FOR INFO.

Reason:

You requested a report of maintenance to be performed on a strategy through the R line command or you explicitly selected a strategy for Output Maintenance via the A or S line commands and the strategy has no defined maintenance criteria. Only strategies with maintenance criteria may be reported on or selected for Output Maintenance.

Note: When selecting a strategy for Output Maintenance, the strategy's maintenance criteria must not be disabled. However, you may still obtain a report as long as maintenance criteria has been defined for the strategy.

RM417E

SPECIFIED STRATEGY HAS ITS MAINTENANCE CRITERIA DISABLED.

Reason:

You explicitly selected a strategy for Output Maintenance via the A or S line commands and the strategy has its maintenance criteria disabled. If you wish to select the strategy for Output Maintenance, you must first enable the strategy's maintenance criteria with the G or U line commands.

RM418E

YOU HAVE ENTERED AN INVALID STRATEGY SELECTION. HELP FOR INFO.

Reason:

The program has detected an invalid STRATEGY selection on the Managed Output Maintenance Services panel. When this occurs, the panel will be redisplayed with the invalid line commands highlighted so that you may easily locate and correct them.

Action:

To correct them, use the following commands:

- A-Immediately Apply output maintenance to the strategy.
- D-Disable the output maintenance criteria for the strategy.
- G-Set the strategy's method of maintenance to Global.
- N-Set the strategy's method of maintenance to None.
- S-Select the strategy for later output maintenance or reporting.
- U-Set the strategy's method of maintenance to User.
- !-Toggle the existence of the strategy's description.

RM419I

NO OBJECTS MATCHED YOUR SELECTION CRITERIA. PLEASE ENTER NEW CRITERIA.

Reason:

No objects matched the selection criteria you specified.

Action:

Change the selection criteria in order to create a list which include one or more objects.

You may change the selection criteria on this panel as many times as you want in order to obtain different lists without leaving the RC/M Managed Output Maintenance Services panel. Each time you enter new selection criteria, any selections you made in the previous list will be discarded.

RM420E

NO STRATEGIES QUALIFIED FOR SELECTION. HELP FOR INFO.

Reason:

You specified that all strategies in the list be selected for Output Maintenance via the ALL primary command and no strategies in the list qualified for maintenance.

Only strategies with defined maintenance criteria and whose maintenance criteria is not disabled are selected. The program could not find any strategies in the list which met these two prerequisites.

RM421I

momsel STRATEGIES SELECTED OUT OF A TOTAL OF momtot. HELP FOR INFO.

Reason:

The message informs you of the number of strategies that you have explicitly and/or implicitly selected for maintenance via the S line command and/or ALL primary command.

The first value shown in the message is the total number of strategies you have selected thus far. The second value in the message is the total number of strategies in the list (regardless of whether they qualify for selection).

Note: If you wish to unselect a strategy, clear the S that is on the line beside that strategy.

RM422I

momsel STRATEGIES HAVE BEEN UNSELECTED. HELP FOR INFO.

Reason:

Indicates the number of strategies that you have implicitly unselected via the RESET primary command.

After executing this command, all previously selected strategies are un-selected.

RM423E

THE MODEL SERVICES TABLE IS EMPTY. PRESS HELP FOR INFO.

Reason:

Indicates the Model Service table is empty. The most common cause for this error is it was not initially loaded during the CA products install in the RCM customization step.

Action:

Contact the person who installed the CA products at your site and verify that the RC/M customization has been completed.

RM424W

ALL SELECTIONS IN PREVIOUS LIST HAVE BEEN DISCARDED. HELP FOR INFO.

Reason:

You modified the selection criteria at the top of the RC/M Managed Output Maintenance Services panel which caused a new display/selection list to be built while you still had outstanding strategy selections in a previous list. The selections you made in the previous list are no longer valid and have been discarded.

RM425E

YOU MUST SELECT AT LEAST ONE STRATEGY. HELP FOR INFO.

Reason:

You entered the APPLYMaint or REPort primary command and you did not select any strategies before entering one of these two commands.

Action:

You must first select at least one strategy before requesting to apply maintenance or build a report.

RM426E

SPECIFIED STRATEGY CANNOT BE FOUND OR NO LONGER EXISTS. HELP FOR INFO.

Reason:

The strategy that you selected no longer exists or could not be found.

RM427I

OUTPUT MAINTENANCE SERVICES CANCEL. momsel SELECTIONS DISCARDED.

Reason:

You canceled processing by entering CANCEL while there were outstanding strategy selections in the current list that was being displayed on the RC/M Managed Output Maintenance Services panel. The program terminates processing and all outstanding selections are discarded. No maintenance is applied nor is any reporting performed on those strategies that were selected.

RM428E

ENTER A VALID OUTPUT MAINTENANCE EXECUTION MODE. HELP FOR INFO.

Reason:

You have not entered a valid execution mode for applying output maintenance.

Action:

Enter one of the following modes:

O-Online mode. Output maintenance will be executed in your TSO address space. You will probably only want to use this for small maintenance executions or for maintenance of an individual strategy, as your terminal will be occupied for the duration of all output maintenance that was requested.

- B-Batch mode. You can choose to submit JCL to run your output maintenance request in an initiator address space by sending the JCL directly to the internal reader or by having it written to a data set for later submission at your leisure or through some job scheduling facility.

RM429E

INVALID DATA ENTERED FOR APPLY MAINTENANCE OPTION. HELP FOR INFO.

Reason:

You have not entered a valid Apply Maintenance option.

Action:

Enter one of the following values for this option:

- Y-Yes. Apply output maintenance.
- N-No. Do not apply any output maintenance. The job will execute, but the maintenance that would otherwise have been applied will not be made permanent. This option is useful for obtaining reports or executing test runs in order to see what maintenance would have been applied had the job been executed with this option set to Y.
- O-Override. Apply output maintenance, ignoring certain conditions that would otherwise prevent maintenance from being applied to all analysis output rows for a strategy. The conditions overridden by this option are reported and easily identified in the Y report. This includes only incomplete and aborted executions of strategy analysis DDL and recovery analysis DDL. This option will not override insufficient authorizations, protected analysis rows, or analysis rows or output that are in use by other users.

Important! This option should be used with extreme care.

RM430E

INVALID DATA ENTERED FOR MAINTENANCE REPORT OPTION. HELP FOR INFO.

Reason:

You have not entered a valid Output Maintenance Report option.

Action:

Enter one of the following values for this option:

- Y-Yes. Build the default report. The summary report will be included at the end of this report.
- X-Extra detailed. Build the most detailed report possible. The summary report will be included at the end of this report.
- D-Delete report. Report on only analysis output rows that are dropped from the system. The summary report will be included at the end of this report.
- S-Summary only. Only generate the summary report. No other reports will be produced.
- N-None. Do not generate any reports.

RM431E**INVALID DATA ENTERED FOR REORG OPTION. HELP FOR INFO.****Reason:**

You have not entered a valid REORG Managed Output Table option.

Action:

Enter one of the following values for this option:

- Y-Yes. Do a tablespace REORG of the Managed Output DB2 table following successful execution and application of all requested maintenance. This option is only valid when executing maintenance through a batch job.
- N-No. Do not do any REORGs. Set the option to this value if you do not want a tablespace REORG of the Managed Output DB2 table.

RM432E**REORG OPTION CONFLICTS WITH REQUESTED EXECUTION MODE. HELP FOR INFO.****Reason:**

You have requested that a REORG be performed while at the same time specifying an execution mode of O. REORG's may not be performed on-line. If you wish to perform a REORG following output maintenance, you must submit a batch job by specifying an execution mode of B.

RM433E**DYNAMIC ALLOCATION OF TEMP DATASET FOR DD &MERRDDN FAILED. RC=retc.****Reason:**

The dynamic allocation of a temporary data set has failed due to environmental conditions. The DDN name of the data set is identified in the message.

Action:

If you are unable to resolve the problem, contact your MVS Systems Programmer.

RM434E

OPEN OF TEMPORARY DD merrddn FOR merrdir FAILED. HELP FOR INFO.

Reason:

The open request for a temporary data set has failed. The message shows the DDNAME of the data set and whether it was being opened for input or output.

Action:

If you are unable to resolve the problem contact your MVS Systems Programmer.

RM435E

LINK TO PRODUCT MODULE merrmod FAILED. HELP FOR INFO.

Reason:

The program was unable to successfully LINK to the load module identified in the message. This can be caused by not having the CA product library ddname allocated properly. The ddname that should be allocated is PTILIB and that library contains the subroutine services facilities needed by the program.

Action:

Contact your MVS Systems Programmer for assistance.

RM436I

NO SELECTIONS MADE. OUTPUT MAINTENANCE SERVICES TERMINATING.

Reason:

You entered the PF3 (End) key or entered **END** without making any selection on the RC/M Managed Output Maintenance Services panel. The program terminates processing without performing any output maintenance.

Action:

If you did not want to terminate RC/M Managed Output Maintenance Services without first applying output maintenance, try again making sure that you select at least one strategy with the S line command or the All primary command before hitting the PF3 key or entering END.

Note: This diagnostic is not issued if you apply maintenance to at least one strategy, using the A line command or the APPLYMaint primary command, prior to leaving RC/M Managed Output Maintenance Services.

RM437E

Strategy must be "U" sharable to update maintenance criteria.

Reason:

You have attempted to update the maintenance criteria or maintenance attributes of a strategy for which you do not have proper authority to update. You may not update the maintenance criteria or the maintenance attributes unless you are the creator of the strategy or its share option is U.

RM438E

Invalid data entered for AUDIT TRAIL option. HELP for info.

Reason:

You have not entered a valid AUDIT TRAIL option.

Action:

Enter one of the following values for this option:

- Y-Yes. Generate and print an audit trail.
- N-No. Do not generate and print an audit trail.

When executing on-line (you entered O for an execution mode), an audit trail will always be displayed on your screen. If you also want a printed copy in addition to the audit trail displayed on your screen, enter Y for this option.

RM440I

DATASET ALLOCATION HAS BEEN CANCELED. HELP FOR INFO.

Reason:

You canceled the allocation of an output data set.

Action:

If you do not wish to allocate a new data set, change the name of the data set to one that is cataloged or enter a VOLSER for the data set that you have specified, if it is not a cataloged data set.

RM441I

NEW OUTPUT DATASET HAS BEEN CATALOGED. HELP FOR INFO..

Reason:

The specified output data set has been successfully allocated and cataloged.

RM442E

DIRECTORY BLOCKS SPECIFICATION IS INVALID FOR PDS DATASET.

Reason:

You have entered an invalid value for Directory Blocks for a PDS.

Action:

You must specify a value of at least 1. If you do not wish to create a PDS, set Dataset Type to blanks.

RM443E

INVALID PRIMARY QUANTITY. HELP FOR INFO.

Reason:

You have entered an invalid value for Primary Quantity.

Action:

You must enter a numeric value that is greater than zero. Blanks and zeros are not valid.

RM444E

INVALID SPACE UNITS. HELP FOR INFO.

Reason:

You have entered an invalid value for Space Units. Acceptable values are listed below.

- CYL, CYLS, CYLINDER, CYLINDERS-Cylinders
- TRK, TRKS, TRACK, TRACKS-Tracks

RM445E

INVALID RECORD FORMAT. HELP FOR INFO.

Reason:

You have entered an invalid value for Record Format. Acceptable values are F and FB.

RM446E

INVALID DATASET TYPE. HELP FOR INFO.

Reason:

You have entered an invalid value for Dataset Type. Acceptable values are PDS and blanks.

RM447I**ENTER/VERIFY SPECIFICATIONS FOR CREATING NEW ANALYSIS OUTPUT DATASET.****Reason:**

The output data set that you specified on the Strategy Analysis panel is not cataloged or could not be found on the specified volume. The Output Dataset Allocation panel allows you to allocate and catalog a new data set for your strategy analysis without the need to split your screen or leave the application.

Action:

After entering and/or verifying all necessary information on this panel, press PF3 (END) to process. The new data set will be cataloged and you will be returned to the Strategy Analysis panel.

If you do not wish to allocate a new data set, enter CANCEL and you will be returned to the Strategy Analysis panel. From this panel you can change the name of the output data set to one that is cataloged, or enter the correct VOLSER if the data set that you specified is allocated but not cataloged.

RM448I**ENTER/VERIFY SPECIFICATIONS FOR CREATING NEW RECOVERY OUTPUT DATASET.****Reason:**

The output data set which you specified on the Strategy Recovery Options panel is not cataloged or could not be found on the specified volume. The Output Dataset Allocation panel allows you to allocate and catalog a new data set for your recovery analysis without the need to split your screen or leave the application.

Action:

After entering and/or verifying all necessary information on this panel, press PF3 (END) to process. The new data set will be cataloged and you will be returned to the Strategy Recovery Options panel.

If you do not wish to allocate a new data set, enter CANCEL and you will be returned to the Strategy Recovery Options panel. From this panel you can change the name of the output data set to one that is cataloged, or enter the correct VOLSER if the data set that you specified is allocated but not cataloged.

RM449E

SPECIFIED DATASET ALREADY EXISTS. HELP FOR INFO.

Reason:

The specified data set is already cataloged or already allocated on the specified volume.

Action:

Specify another data set name that is not already in use.

RM450E

CHARS xx NOT FOUND ON ANY LINES.

Reason:

The specified <from> string could not be found on any lines. No changes were made to the Global Change set.

RM451I

CHARS xx CHANGED TO xx ON xx LINES.

Reason:

Indicates the number of lines in the current set that were changed as a result of the Global Changes CHANGE command. The characters =CHG> next to the object type's CHANGE DESCRIPTION identify the lines that were changed.

RM452E

<FROM> AND <TO> STRINGS ARE EQUAL - NO LINES HAVE BEEN CHANGED.

Reason:

No changes were made to any lines in the set because the <from> and <to> operands on the Global Changes CHANGE command were equal to each other.

Action:

Re-enter the command and be sure that the <from> and <to> strings are not equal.

RM453W

CHARS xx COULD NOT BE CHANGED TO xx ON xx LINES.

Reason:

Indicates the number of lines in the current set that could not be changed by the Global Changes CHANGE command. The lines that could not be changed are indicated by the characters =ERR> next to the object type's CHANGE DESCRIPTION, regardless of whether there was a successful change in an adjacent column. The columns that are in error are also highlighted.

Note: Only those lines which were successfully changed without any errors in an adjacent column will be indicated with the characters =CHG>.

RM454E

NEITHER THE <FROM> NOR <TO> CHARACTER STRINGS MAY BE LONGER THAN 18.

Reason:

One or both of the operands <from> or <to> on the Global Changes CHANGE command were in excess of 18 characters.

Action:

Re-enter the command making sure that neither the <from> nor the <to> operand contains more than 18 characters.

RM455E

INVALID COLUMN SPECIFICATION ON CHANGE COMMAND. HELP FOR INFO.

Reason:

You specified an invalid <column name> on the Global Changes CHANGE command. When including this optional operand on the Global Changes CHANGE command, you must specify one of the following values:

- FROM-Limit the search for changes to the FROM column.
- TO-Limit the search for changes to the TO column.
- *-Search both the FROM and TO columns (this is the default).

Note: If the <column name> operand is omitted, both the FROM and TO columns will be searched.

RM456E

INVALID OBJECT TYPE CODE ON CHANGE COMMAND. HELP FOR INFO.

Reason:

You specified an invalid <object type> on the Global Changes CHANGE command.

Action:

When including this optional operand on the Global Changes CHANGE command, you must specify one of the following values:

- ALL-(Default) Search ALL of the object types
- AL-AL object types
- SG-Storage Group
- DB-Database
- TS-Tablespace
- TB-Table
- IX-Index
- VW-View
- SY-Synonym
- AS-Alias
- PL-Plan
- PK-Package

Note that if the <object type> operand is omitted, ALL object types will be searched.

RM457E

EXCESSIVE NUMBER OF OPERANDS ON CHANGE COMMAND. HELP FOR INFO.

Reason:

You specified too many operands on the Global Changes CHANGE command. A maximum of four operands is supported, as shown in the command syntax below:

SYNTAX: CHANGE from to <column name> <object type>

Action:

Re-enter the command, specifying no more than four operands. Operands must be separated by at least one space.

RM458E

<FROM> STRING IS MISSING FROM CHANGE COMMAND. HELP FOR INFO.

Reason:

You omitted the required <from> string from the Global Changes CHANGE command.

Action:

Enter the command again making sure that you specify both a <from> string and a <to> string.

RM459E

<TO> STRING IS MISSING FROM CHANGE COMMAND. HELP FOR INFO.

Reason:

You omitted the required <to> string from the Global Changes CHANGE command.

Action:

Enter the command again making sure that you include both a <from> string and a <to> string.

RM460E

WORKSTATION TYPE MIGRATION STRATEGIES CANNOT BE UPDATED IN ISPF.

Reason:

You are attempting to update a migration strategy that was created using the interface between the program and Enterprise DBA. These workstation created strategies cannot be updated using the program ISPF interface.

RM462E

TEMPLATING TS WITH SAME NAME AND CREATOR IS NOT ALLOWED.

Reason:

You attempted to template a tablespace, but the name and creator of the new tablespace are identical to the tablespace you are using as a template.

Although DB2 uniquely identifies tablespaces by their name and DB name, RC/Alter uses the name and creator to identify objects within a strategy and does not allow a template of a tablespace without changing the name or creator.

Action:

To perform this template function, you must template the object in a separate strategy.

RM463E**INVALID DATA ENTERED FOR DATA ONLY. PRESS HELP FOR MORE INFO.****Reason:**

You entered an invalid option for the DATAONLY option. The valid options are as follows:

- N (NO)-Generate a full RC/Merger analysis.
- Y (YES)-Generate only the statements required to copy data into an SSID. Note that this option is only valid for COPY analysis, and is invalid with MOVE analysis.

RM464E**INVALID DATA ENTERED FOR SHARE LEVEL. PRESS HELP FOR MORE INFO.****Reason:**

You entered an invalid option for the SHARE LEVEL. The valid options are as follows:

- N (NONE)-Indicates that the objects will be stopped before the DATASET calls are processed. If the objects are not stopped processing will terminate.
- NS (NONE, SET)-Indicates that the objects should be stopped during the processing of the DATASET calls. If DATASET is unable to connect to the Source SSID or is unable to stop the objects, processing will terminate.
- R (REFERENCE)-Indicates that the objects should be stopped or in READ ONLY status during the processing of the DATASET calls. If the objects are not stopped, DATASET will attempt to connect to the Source SSID to determine the status of the objects. If the object is not in RO, RC/Merger will attempt to place the object in RO status.
- RN(REFERENCE, NOCHECK)-Indicates that DATASET is to assume that the source objects are stopped or in READ ONLY status. DATASET will perform no validation of this fact. If the source objects are updated while RC/Merger is processing these objects, unpredictable results may occur. For both NS and R.

Note: RC/Merger must be able to connect to the Source SSID, both the target and source must reside on the same MVS Image.

RM465E**INVALID DATA ENTERED FOR ALLMSG. PRESS HELP FOR MORE INFO.****Reason:**

You entered an invalid option for the ALLMSG option. The valid options are as follows:

- N (NO)-Issue just error and information messages.
- Y (YES)-Issue diagnostic messages during processing. This option will most often be used under direction of Technical Support if an error related to execution is encountered.

RM466E**DATAONLY YES ONLY VALID WITH COPY.****Reason:**

You have requested the DATAONLY option in conjunction with a MOVE analysis. DATAONLY is only valid for COPY analysis.

RM467E**SHRLVL NONE MUST BE USED WITH MOVE.****Reason:**

You have requested a SHARE LEVEL option other than NONE in conjunction with a MOVE analysis. For move analysis, the only SHARE LEVEL that is valid is NONE.

RM4681RF**RC/MERGER CURRENTLY SUPPORTS ONLY PRE V6 SUBSYSTEMS****Reason:**

You are running a merger analysis against a DB2 V6 or higher subsystem.

RM469E**INVALID DATA ENTERED FOR DATA ONLY. PRESS HELP FOR MORE INFO.****Reason:**

You entered an invalid option for the DATA ONLY option. The valid options are as follows:

- D (DATA ONLY)-Perform a DATA ONLY analysis to migrate only data, not objects.
- N (NO)-Perform a full analysis to migrate data and objects.

RM470E

INVALID DATA ENTERED FOR IMAGE COPY

Reason:

An invalid value for Image Copy has been entered

Action:

Valid values are Y or N. Enter Y to execute the IMAGE COPY utility during the execution of the migration, comparison, or alteration. Enter N if you do not want to generate any IMAGE COPY control statements.

RM472E

YOU MUST EXPLODE TABLE FORE EXPLODING TRIGGER.

Reason:

A trigger has been selected in RC/Migration that depends on a table that has not yet been selected.

Action:

Select the appropriate table first and proceed with selecting depending triggers.

RM473E

UNABLE TO ALLOCATE &ODSN

Reason:

Within the program customization jobs the output data set could not be allocated.

Action:

Resolve the cause and run the job again.

RM4741

FAST UNLOAD MUST BE USED WHEN SELECTING FAST LOAD

Reason:

During model service customization you selected CA Fast Load without selecting CA Fast Unload. This combination is not supported.

Action:

Select both or deselect CA Fast Load.

RM4751**YOU HAVE SPECIFIED AN INVALID CUSTOMIZATION VALUE****Reason:**

One of the values entered on the model services customization panel is invalid.

Action:

Reenter a value and proceed with customization.

RM476E**UNABLE TO DEALLOCATE &ODSN****Reason:**

Within the program customization jobs, the output could not be de-allocated.

RM477E**FILE &ODSN COULD NOT BE EDITED****Reason:**

Within CA RC/Migrator customization jobs, the output data set could not be edited.

Action:

Examine and resolve the cause of the error and rerun the customization step.

RM4781**ENTER SUBMIT TO EXECUTE THE JOB.****Reason:**

The customization step has been completed and can be submitted for execution.

Action:

Submit for execution.

RM479

THIS STP NOT NECESSARY - CA-DB2 WAS NOT PREVIOUSLY INSTALLED

Reason:

This step is meant for customers who upgrade to a new release and want to use their old model services table.

Action:

For new customers, this step is not necessary. You will have a valid model services table if you have executed the load and customize the model services table step. If you intend to convert your old model services table, check Copy Previous Tape Information from the main installation menu and fill in the previous tape information and proceed with this step.

RM480E

YOU MUST EXPLODE TABLE BEFORE EXPLODING TRIGGER

Reason:

A trigger has been selected that depends on a table that has not yet been selected.

Action:

Select the appropriate table. Proceed with selecting dependent triggers.

RM481E

Enter a valid Recovery option , valid values are Y,N or U.

Reason:

Enter a valid option for recovery. Valid options are Y, N, or U.

RM482E

Enter a valid Update option , valid values are Y or N .

Reason:

You must enter a valid update option. Valid values are as follows:

- Y-Yes, perform an update.
- N-No, do not perform the update.

RM488E

Invalid data entered for LOB OBJECTS. Press help for more info.

Reason:

You have entered an invalid option for the LOB OBJECTS field. Valid values are as follows:

- Y-Yes, you want migrate LOB objects when a table is migrated that contains LOB columns.
- N-No, you do not want to migrate LOB objects.

RM500E

Invalid data entered for UPDATE RC/X OPTIONS. Press HELP for info

Reason:

You have specified an invalid value in the RC/X OPTIONS field. Valid values are the following:

- Y-Yes, update RC/Extract options.
- N-No, do not update RC/Extract options.

RM502E

xxxxxxx must be Y or N.

Press PF1 or type HELP while this message is displayed for more details.

RM508E

Enter a valid DB2 subsystem.

Action:

You must enter a valid subsystem in the DB2 subsystem (SSID) field. Specify the SSID for the DB2 subsystem you are installing on. You can enter multiple subsystems using the Additional Subsystems field.

RM511E

Enter a valid value for MAXTHREADS.

Reason:

You must specify a valid value for the MAXTHREADS field. Specify the maximum number of threads that you want to use at one time. At least two concurrent threads are required. Making the number smaller increases the accrual time needed to run analysis.

Up to nine threads are used for analysis, and 11 threads are used when analysis is run with Recovery=Y.

RM513E

Enter a valid Device Type , valid values are 3390 or 3380.

Reason:

You must enter a valid device DASD device type in the Device Type field. Valid values are 3380 and 3390.

RM520I

No ACM ID(s) saved in strategy, dynamic SQL will be used.

Reason:

ACM ANALYSIS is set to Y(es), but the compare strategy was built without ACM IDs. The request will be honored, resulting in the use of dynamic SQL accessing the catalog tables (SYSIBM.*).

RM522E

View implode/Explode should be Y or N. Press HELP for more info.

Reason:

An invalid value was specified for the VIEW (IMP/EXP) analysis option.

Action:

Specify a valid value.

Note: For complete information about available values, see the online help for this message.

RM522I

PLRO and PKRO values YES and NO are substituted by ALWAYS and NONE

Reason:

The old value Yes is replaced by ALWAYS, and the old value NO is replaced by NONE.

Action:

No action is required.

RM523I

Activate only one version

Reason:

More than one version of a stored procedure has been selected for activation.

Action:

Only select one version of a stored procedure for activation.

RM524I

Activate one version

Reason:

The active version of a stored procedure has been selected for drop, and no other version has been selected for activation.

Action:

Select one of the remaining versions of the stored procedure for activation.

RM525I

Remaining version is automatically activated

Reason:

The active version of a stored procedure has been selected for drop, and there is only one other version of the stored procedure.

Action:

The remaining version of the stored procedure has been selected for activation automatically.

RM610W

Number of Partitions unknown. Enter HELP for more info.

Reason:

An attempt was made to edit a type P or type D index when the target is imported DDL that does not contain table information. As a result, the number of partitions is not known.

Action:

It is strongly recommended that you redefine your compare strategy using imported DDL that contains table information. If you do not redefine your compare strategy, verify that the DDL generated after analyzing the strategy produces the desired results.

RM611E

Storage unavailable for request. Enter HELP for more info.

Reason:

A quick migration request to obtain storage failed.

Action:

Allocate more storage to the ISPF session and retry the request.

RM613E

Sequence implode value must be T, R, A, or blank.

Reason:

An invalid sequence implode option was entered. The sequence implode option must be one of the following: A, R, T, or " " (blank).

Action:

Correct the sequence implode option and retry the request.

RM614E

Invalid data entered for MQT IMplode. Press HELP for more info.

Reason:

An invalid MQT implode option was entered in the Analysis Options panel. The MQT implode option must be one of the following: Y, N, S, or " " (blank).

Action:

Correct the MQT Implode option and retry the request.

RM616E

Invalid data entered for MQT REFRESH. Press HELP for more info.

Reason:

An invalid MQT refresh option was entered. The MQT refresh option must be one of the following: Y, N, B, or U.

Action:

Correct the MQT refresh option and retry the request.

RM620E

You must explode TABLE before exploding MQT. Press HELP for info.

Reason:

A quick migration requires tables to be exploded before you can explode to materialized query tables that are dependent upon those tables.

Action:

Place **Y** or **A** in the table explode option and press Enter.

RM621E

You must explode View before exploding MQT. Press HELP for info.

Reason:

A quick migration requires views to be exploded before you can explode to materialized query tables that are dependent upon those views.

Action:

Place **Y** or **A** in the view explode option and press Enter.

RM622E

You must explode MQT before exploding Index. Press HELP for info.

Reason:

A quick migration requires materialized query tables (MQTs) to be exploded to explode indexes that are dependent upon those MQTs.

Action:

Place **Y** or **A** in the MQT explode option and press Enter.

RM623E

You must explode MQT before exploding View. Press HELP for info.

Reason:

A quick migration requires materialized query tables (MQTs) to be exploded to explode views that are dependent upon those MQTs.

Action:

Place **Y** or **A** in the MQT explode option and press Enter.

RM624E

You must explode MQT before exploding Synonym. Press HELP for info.

Reason:

A quick migration requires materialized query tables (MQTs) to be exploded to explode synonyms that are dependent upon those MQTs.

Action:

Place **Y** or **A** in the MQT explode option and press Enter.

RM625E

You have entered an invalid line command. Enter HELP for more info.

Reason:

A quick migration requires materialized query tables (MQTs) to be exploded to explode indexes that are dependent upon those MQTs.

Action:

Place **Y** or **A** in the MQT explode option and press Enter.

RM626E

Sequence explode options must be A or . Enter HELP for info.

Reason:

An invalid sequence explode option was entered. The sequence explode option must be one of the following: A or " " (blank).

Action:

Correct the sequence explode option and retry the request.

RM627E

MQT implode must be Y,N or . Enter HELP for more info.

Reason:

An invalid MQT implode option was entered. The MQT implode option must be one of the following: Y, N, or " " (blank).

Action:

Correct the MQT implode option and retry the request.

RM628E

You must implode MQT before imploding Table. Press HELP for info.

Reason:

A quick migration requires materialized query tables (MQTs) to be imploded before you can implode tables that are parents of the MQTs.

Action:

Place **Y** or **A** in the MQT implode option and press Enter.

RM629E

You must implode MQT before imploding View. Press HELP for info.

Reason:

A quick migration requires materialized query tables (MQTs) to be imploded before you can implode views that are parents of the MQTs.

Action:

Place **Y** or **A** in the MQT implode option and press Enter.

RM630I

Foreign Key and/or Constraint Changes are not reported on.

Reason:

Foreign Key Changes and Constraint Changes sections of the Online Compare Report are not supported.

Action:

No action is required.

RM631I

The generated SQL stats will be from the original unchanged objects.

Reason:

Any modifications to the objects with statistics will *not* be reflected in the generated SQL statistics statements. Depending on the changes being performed in the associated analysis, this omission might cause invalid SQL statements (even if the statements are syntactically correct).

For example, if you change a tablespace from non-parted to parted, the SQL statistics for the underlying objects will reflect only the original non-parted object. If you add a column to an index, the SQL statistics reflect the original underlying object. The statistics for the added column will *not* be included in the index statistics.

Action:

Press the END key to continue processing, or change the STATS option to **Y** or **N**.

RM700I

Analysis profile created

Reason:

The request to create an analysis profile completed successfully.

Action:

No action is required.

RM701I

Analysis profile Updated

Reason:

The request to update an analysis profile completed successfully.

Action:

No action is required.

RM702I

Analysis profile deleted

Reason:

The request to delete an analysis profile completed successfully.

Action:

No action is required.

RM703E

Unsupported line command

Reason:

An unsupported value was specified in the line command field. The following list shows valid line commands; however, the line in which you entered the value determines what commands are available.

B

Browses an analysis profile. You cannot make updates in this mode.

C

Creates an analysis profile. This command is available on the first line only.

D

Deletes an analysis profile.

S

Selects the analysis profile. You can issue this command from the Strategy Services panel while selecting an analysis profile.

T

Uses an analysis profile as a template to create a new profile.

U

Updates an analysis profile.

Action:

Correct the line command, and retry the request.

RM706E**Unsupported analysis profile share option****Reason:**

An unsupported value was specified in the SHARE field. This field specifies a value regarding profile sharing. Valid values are as follows:

Y

Shares the analysis profile with other users. Other users can use the profile but cannot update it.

N

Does not share the analysis profile with other users.

U

Allows other users to update the shared analysis profile.

Action:

Correct the share option, and retry the request.

RM707W**Analysis MODEL ID must be checked. Press HELP for more info.****Reason:**

The given model ID is corrupted or does not exist. CA RC/Migrator cannot create or update the analysis profile until a valid model ID is specified.

Action:

Correct the model ID or model creator, or specify * in the MOD ID / MOD CREATOR field to select from the Model ID selection list.

RM709E**DB2 subsystem ID missing****Reason:**

The required DB2 subsystem ID is missing.

Action:

Enter a valid DB2 subsystem ID, and retry the request.

RM710E

Unsupported confirmation response. Enter "Y" to confirm request. Enter "N" or press END to cancel the request

Reason:

An unsupported value was specified in the analysis profile request confirmation panel.
The supported values are as follows:

Y

Allows the request to continue.

N

Cancels the request.

Action:

Enter a valid confirmation value (Y or N).

RM711I

Request cancelled

Reason:

You entered N in response to the request for confirmation, or you exited the confirmation panel.

Action:

No action is required, unless you need to make a correction and retry the request.

RM712E

Analysis profile name missing

Reason:

The profile name is required on the request confirmation panel.

Action:

Enter a valid analysis profile name.

RM715E

Analysis profile already exists.

Reason:

The analysis profile already exists. For the profile that you are attempting to create, some information duplicates an existing profile. The profile name must be unique for a profile share and creator.

Action:

Change the profile name or share option to create a unique analysis profile.

RM716E

RESET command is not active in this panel

Reason:

The RESET primary command is not available on this panel. The command is ignored.

Action:

No action is required.

RM717I

Options reset to Default values

Reason:

The RESET primary command was entered, and the options have been reset to default values.

Action:

Review the options and make any necessary changes.

RM718I

Analysis profile selected.

Reason:

An analysis profile has been selected for strategy analysis. The analysis profile selection panel is redisplayed.

Action:

Review the selection and press the END key to accept the chosen analysis profile. Alternatively, you can select a different profile by clearing the PROFILE NAME or PROFILE CREATOR fields and selecting a different profile. You may also create a new profile and select it for strategy analysis.

RM720E

Invalid data entered for REBUILD IX ALL. Press help for more info.

Reason:

The specified field contains an invalid value. The following values are valid:

Y

Rebuilds all indexes but does not reorganize the tablespaces or generate statements for the index move.

Note: If you enter Y in the REBUILD IX ALL field, you must also enter Y in the CONVERT IX field and N in the REORG TS field.

N

Does not rebuild the indexes.

Action:

Specify a valid value in the REBUILD IX ALL field.

RM721E

Invalid data entered for Share Level. Press help for more info.

Reason:

The specified field contains an invalid value. The following values are valid:

N (NONE)

Specifies that source objects must be available in Exclusive mode.

NS (NONE/SET)

Specifies that source objects must be available in Exclusive mode. Also, if the source objects are unavailable in this mode, RC/Merger attempts to connect to source SSID to stop the object.

R (REFERENCE)

Specifies that source objects must be in RO (or stopped) status. RC/Merger attempts to connect to the source SSID to place the objects in RO status.

RN (REFERENCE/NOCHECK)

Specifies that source objects are assumed to be in RO or STOP status. RC/Merger makes no attempt to connect to the source SSID to perform status checking and setting. If the objects are in RW status and are updated during RC/Merger data set processing, the data can be invalid. This mode allows SHARELEVEL REFERENCE processing when source and target SSIDs reside on different MVS systems.

Action:

Specify a valid value in the SHARE LEVEL field.

RM722E

Invalid data entered for ALLMSGs. Press help for more info

Reason:

The specified field contains an invalid value. The following values are valid:

Y

Generates additional load information.

N

Does not generate additional load information.

Action:

Specify a valid value in the ALLMSGs field.

RM723E

SAVE command is not active in this panel

Reason:

The SAVE primary command is not available on this panel. The command is ignored.

Action:

No action is required.

RM724E

Unsupported header command

Reason:

An unsupported command was entered in the command line. The following list shows valid line commands; however, the sequence of events in which you entered the value determines what commands are available for that particular situation.

Note: On some panels, no header commands are supported except ISPF commands.

CAN/CANCEL

Exits the panel without saving the analysis profile.

RESET/RES

Sets the analysis options to default values.

NEW

Specifies to create an analysis profile.

SAVE

Specifies to incrementally save analysis options.

HEADER

Toggles the panel header display.

EXPLODE

Expands all options.

COLLAPSE

Collapses all options.

Action:

Correct the header command entry, and retry the request.

RM725E**Update operation denied****Reason:**

You do not have authority to update this profile. For profiles created by other users, you can make updates only if the share option is U.

Action:

Use the profile as a template to create a new profile where you can customize as needed.

RM726E**Delete operation denied.****Reason:**

You do not have authority to delete this profile. This profile was created with Share option=Y. Profiles that are created by other users can be deleted only if the Share option=U.

Action:

No action is required.

RM727I**No matching profile found****Reason:**

No matching profile was found for the specified profile information.

Action:

Review and resubmit information as needed; otherwise, no action is required.

RM729E**Analysis profile name cannot contain blanks****Reason:**

Profile names with blanks are not allowed.

Action:

Remove the blanks (or replace blanks with underscores as needed), and retry the operation.

RM731E

Invalid data entered for NO .AUTHS. Press HELP for more info.

Reason:

The specified field contains an invalid value. The following values are valid:

Y

Generates an analysis output data set with no Batch Processor .AUTH statements. All options are generated as usual, but without .AUTHs. If you specify this option, CA RC/Migrator may not be able to recreate your objects exactly as they currently exist. Also, the ID executing the strategy output must hold the necessary authority to perform all statements.

N

Generates .AUTH statements as needed.

Action:

Specify a valid value in the NO .AUTHS field.

RM732E

Invalid data entered for BND/DAT/STAT/SQL/GRNT/RI Press HELP for info.

The specified field contains an invalid value. The following values are valid:

B

Generates only BIND or REBIND control statements for all plans dependent upon the objects in a given strategy. BINDS or REBINDS (and, optionally, RUNSTATS) are the only analysis output. The BIND/REBIND value determines whether BIND or REBIND statements are generated.

D

Migrates only the data for the tables included in your strategy. No objects are migrated. This option is useful for refreshing test tables with subsets of production data.

R

Migrates only the object statistics. The STATS Utility Option value determines whether this option is used.

S

Generates a snapshot of the DDL or DCL for the objects involved in your strategy. This option is useful for creating backup copies of SQL for a database or system. The output does not contain any Batch Processor commands; it contains only native DB2 SQL.

G

Migrates only the security grants for the objects in your strategy. If you select this option, you must also enter Y in the Security field on this panel.

I

Alters the table objects associated with the referential integrity (RI) structure. If you select this option you must specify L (Local) or G (Global) for the RI Control Option, or select RI for at least one table on the RC/M Implode/Explode Services panel.

N

Selects no options.

Action:

Specify a valid value in the BND/DAT/STAT/SQL/GRNT/RI field.

RM733E

Invalid data entered for COMMIT ASAP. Press HELP for more info.

Reason:

The specified field contains an invalid value. The following values are valid:

Y

Generates COMMIT points as soon as possible after executing each DDL or DCL statement. This option is useful only when you specify Y for SQL ONLY; otherwise each unit of work is committed via the Batch Processor .SYNC syncpoint processing.

N

Generates contiguous DDL and DCL statements with no COMMIT points intermingled. This option is useful only when you specify Y for SQL ONLY. This option can be useful for backing up DDL for a system where the COMMIT points only introduce clutter.

Action:

Specify a valid value in the COMMIT ASAP field.

RM734E

Invalid data entered for ANALYSIS HEADER. Press HELP for more info.

Reason:

The specified field contains an invalid value. The following values are valid:

Y

Generates a report of strategy specifications and analysis options at the beginning of the analysis output data set.

N

Does not generate a report section in the analysis output.

Action:

Specify a valid value in the ANALYSIS HEADER field.

RM735E

Invalid data entered for IMPACT ANALYSIS. Press HELP for more info.

Reason:

The specified field contains an invalid value. The following values are valid:

Y

Generates a summary report at the end of the analysis output data set. The report lists all objects for which DDL has been generated and indicates whether the object definition has been edited. Data statistics, if requested, are also reflected in this report.

N

Does not generate a summary report.

Action:

Specify a valid value in the IMPACT ANALYSIS field.

RM736E

Invalid data entered for REPORT TO DDLFILE. Press help for more info.

Reason:

The RPT IN DDLFILE field contains an invalid value. The following values are valid:

Y

Includes the Change Analysis Report at the end of the output DDLFILE instead of in the message file.

N

Includes the Change Analysis Report in the message file instead of the output DDLFILE.

Action:

Specify a valid value in the RPT IN DDLFILE field.

RM737E

Invalid data entered for AUXILIARY IMplode. Press HELP for more info.

Reason:

The AUX IMplode field contains an invalid value. The following values are valid:

N

Does not perform an auxiliary implode.

Y

Performs an auxiliary implode.

S

Uses the auxiliary implode value specified at strategy creation.

Action:

Specify a valid value in the AUX IMplode field.

RM738E

Invalid data entered for MQT IMplode. Press HELP for more info.

Reason:

The specified field contains an invalid value. The following values are valid:

N

Does not perform an MQT implode.

Y

Performs an MQT implode.

S

Uses the MQT implode value specified at strategy creation.

Action:

Specify a valid value in the MQT IMplode field.

RM739E

Invalid data entered for RI(LOCAL/GLOBAL). Press HELP for more info.

Reason:

The RI field contains an invalid value. The following values are valid:

N (None)

Does not include foreign keys in the strategy.

L (Local)

Includes foreign table keys in the strategy.

G (Global)

Includes foreign keys and adds the corresponding parent tables and their indexes to the strategy.

Note: If a parent table also has a foreign key (that is, if the parent table is also a child table), its parent tables and indexes are also added to the strategy.

S

Uses the RI values specified at strategy creation.

Action:

Specify a valid value in the RI field.

RM740E

Invalid data entered for SECURITY. Press HELP for more info.

Reason:

The specified field contains an invalid value. The following values are valid:

Y

Generates any authority for all objects included in the strategy.

N

Does not invoke this analysis option.

S

Invokes CA RC/Secure via an SRSLOAD call for newly created, dropped, or updated (renamed) objects. GRANT statements are generated for all other objects. This option is valid only for Alter and Compare strategies.

F

Performs the same action as S, but also invokes SRSLOAD with the Fast Path performance option.

Action:

Specify a valid value in the SECURITY field.

RM741E

Invalid data entered for DROP OBJECTS. Press HELP for more info.

Reason:

The specified field contains an invalid value. The following values are valid:

O

Generates DROP DDL statements for all old-named objects involved in this migration strategy. Use this option when the old-named objects already exist on the target DB2 subsystem.

Y

Generates DROP DDL statements for all new-named objects involved in this migration strategy. Use this option when the new-named objects already exist on the target DB2 subsystem.

N

Does not generate DROP DDL statements.

Action:

Specify a valid value in the DROP OBJECTS field.

RM742E

Invalid data entered for LOB OBJECTS. Press help for more info.

Reason:

The specified field contains an invalid value. The following values are valid:

Y

Migrates the LOB objects when migrating a table that contains LOB columns.

N

Does not migrate LOB objects.

Action:

Specify a valid value in the LOB OBJECTS field.

RM743E

Table OBID value must be Y or N.

RM744E

Sequence implode value must be T, R, A, S, or blank.

Reason:

The specified field contains an invalid value. The following values are valid:

T

Implodes triggers to include sequence parent objects.

R

Implodes SQL functions to include sequence parent objects.

A

Implodes triggers and SQL functions to include sequence parent objects.

S

Uses the sequence implode value specified at strategy creation.

(blank)

Implodes nothing.

Action:

Specify a valid value in the SEQ IMPLODE field.

RM745E

Routine implode value must be T, V, A, or blank.

Reason:

The specified field contains an invalid value. The following values are valid:

T

Implodes triggers to include routine parent objects that are referenced in a trigger body.

V

Implodes views to include routine parent objects that are referenced in a view's text.

A

Implodes triggers and views (all) to include routine parent objects referenced in their body or text.

(blank)

Specifies that you want to control the implusions at analysis time.

Action:

Specify a valid value in the ROUTINE IMplode field.

RM746E

Routine implode interaction value must be Y, N, A, O, E, M, or S.

Reason:

The RTN INTERACTION field contains an invalid value. The following values are valid:

Y

Uses strategy specifications and ignores analysis specifications.

N

Does not implode views or triggers to routines. Ignores all specifications.

A

Implodes all views and triggers to routines. Ignores all specifications.

O

Overrides all strategy specifications and uses only analysis specifications.

E

Excludes analysis specifications from strategy specifications.

M

Merges strategy specifications with analysis specifications using a logical OR.

S

Synchronizes analysis specifications with the coexisting strategy specifications using a logical AND.

Action:

Enter a valid value in the RTN INTERACTION field.

RM747E

Invalid data entered for MQT REFRESH. Press HELP for more info.

Reason:

The specified field contains an invalid value. The following values are valid:

Y

Generates REFRESH TABLE DDL for each MQT defined as SYSTEM MAINTAINED.

B

Generates REFRESH TABLE DDL for each MQT defined as SYSTEM MAINTAINED or USER MAINTAINED.

U

Generates REFRESH TABLE DDL for each MQT defined as USER MAINTAINED.

N

Does not generate any REFRESH TABLE DDL for MQTs.

Action:

Specify a valid value in the MQT REFRESH field.

RM748E

Invalid data entered for RUNSTATS. Press HELP for more info.

Reason:

The STATS field contains an invalid value. The following values are valid:

Y

Generates RUNSTATS control statements to update DB2 catalog statistics for those objects contained in the strategy after data has been loaded into the target.

N

Does not generate updates to DB2 catalog statistics.

S

Retrieves the object's statistical values from the source DB2 catalog and generates SQL statements to update those values in the target DB2 catalog. This option lets you simulate source access-path selection on the target.

A

Performs the same function as S but adds RUNSTATS control statements before the update statements to verify that the target rows to be updated exist in the target DB2 catalog.

Action:

Specify a valid value in the STATS field.

RM749E

Invalid data entered for CHECK DATA. Press HELP for more info.

Reason:

The specified field contains an invalid value. The following values are valid:

Y

Generates CHECK control statements for any tablespaces left in check pending status after the LOAD portion of the strategy.

N

Does not generate CHECK control statements.

Action:

Specify a valid value in the CHECK DATA field.

RM757E

Routine implode must be "A" or " ". Press HELP.

Reason:

An invalid value was specified for the implode option.

Action:

Enter a listed valid value. If you leave the field blank, the strategy includes only the primary selected stored procedure.

RM758E

Object selected for edit contains unsupported V10 feature. Edit restricted.

RM759W

One or more objects contain unsupported V10 feature and may not be selected.

Press PF1 or type HELP while this message is displayed for more details.

RM760E

Invalid data entered for IMAGE COPY. Press HELP for more info.

Reason:

The specified field contains an invalid value. The following values are valid:

Y

Generates IMAGE COPY control statements for all involved tablespaces. The image copy utility executes during the migration, comparison, or alteration execution.

P

Generates IMAGE COPY control statements for each altered partition of all involved tablespaces. The image copy utility executes during the migration, comparison, or alteration execution.

N

Does not generate any IMAGE COPY control statements.

Action:

Specify a valid value in the IMAGE COPY field.

RM761E

Invalid data entered for BIND/REBIND Plans. Press HELP for more info.

Reason:

The BIND CHOICE field contains an invalid value. The following values are valid:

R

Rebinds any dependent plans and all dependent packages. The REBIND runs after all object creation and table loads.

C

Rebinds any dependent plans and the current version of any dependent packages.

B

Binds any dependent plans. The BIND runs after all object creation and table loads. If your original BIND used a concatenation of PDS libraries for its DBRMs, verify that the concatenation order in the analysis file is correct.

O

Binds any operative dependent plans and all operative dependent packages. The BIND runs after all object creation and table loads. If your original BIND used a concatenation of PDS libraries for its DBRMs, verify that the concatenation order in the analysis file is correct.

V

Rebinds any valid dependent plans and all valid dependent packages. The REBIND runs after all object creation and table loads.

N

Does not bind or rebind any dependent plans.

Action:

Specify a valid value in the BIND CHOICE field.

RM762E

Invalid data entered for REBUILD INDEX. Press help for more info.

Reason:

The specified field contains an invalid value. The following values are valid:

Y

Invokes REBUILD INDEX utilities for indexes created with the DEFER YES option. This option removes the recover pending status from the indexes.

N

Does not invoke REBUILD INDEX utilities.

Action:

Specify a valid value in the REBUILD INDEX field.

RM763E

Invalid data entered for UPDATE MODEL. Press HELP for more info.

Reason:

The specified field contains an invalid value. The following values are valid:

Y

Displays an update model panel so that you can update the model specifications.

N

Does not display the update model panel.

Action:

Specify a valid value in the UPDATE MODEL field.

RM764E

Invalid data entered for ALL ROWS. Press HELP for more info.

Reason:

The specified field contains an invalid value. The following values are valid:

Y

Generates UNLOAD and LOAD sequences for all tables involved in the strategy. This option lets you migrate the table data with the objects you are migrating, comparing, or altering. The CA Fast Unload utility performs all conversions to satisfy any object redefinitions specified as part of the strategy.

N

Does not migrate the table data with the objects. The tables are empty after the strategy executes.

Action:

Specify a valid value in the ALL ROWS field.

RM765E

Invalid data entered for NUMBER ROWS. Press HELP for more info.

Reason:

The NUM ROWS field contains a non-numerical value.

Action:

Do *one* of the following:

- Enter a numerical value in the NUM ROWS field to specify the number of rows to migrate with the tables involved in the migration, comparison, or alteration. This option lets you migrate a specific number of rows for every table that you are working with. The CA Fast Unload utility performs all conversions to satisfy any object redefinitions specified as part of the strategy.
- Leave the field blank if you do not want to migrate any rows with the tables.

RM766E

Invalid data entered for DATA STATISTICS. Press HELP for more info.

Reason:

The DATA STATS field contains an invalid value. The following values are valid:

Y

Issues a SELECT COUNT(*) statement for each table with data to be migrated. This option helps you determine the magnitude of data involved in your strategy execution. These numbers are reported in the IMPACT ANALYSIS section of your output.

N

Does not issue any SELECT COUNT(*) statements.

Action:

Specify a valid value in the DATA STATS field.

RM767E

Invalid data entered for TRUNCATE. Press HELP for more info.

Reason:

The specified field contains an invalid value. The following values are valid:

Y

Lets the CA Fast Unload utility truncate column values that exceed the size of the target columns. Truncation can be necessary when you alter the definition of a table column and make it shorter (for example, altering a CLOB(2000) column to a CHAR(100) column).

N

Does not permit truncation.

Action:

Specify a valid value in the TRUNCATE field.

RM768E

Invalid data entered for DELETE UNLOAD. Press HELP for more info.

Reason:

The UNLOAD field contains an invalid value. The following values are valid:

Y

Deletes the unload data sets after the strategy executes. The unload utility dynamically allocates these data sets. If you do not specify Y, you must manually delete them.

N

Does not delete the unload data sets.

Action:

Specify a valid value in the UNLOAD field.

RM769E

Invalid data entered for DELETE TEMPORARY. Press HELP for more info.

Reason:

The TEMPORARY field contains an invalid value. The following values are valid:

Y

Deletes the unload data set created by the REORG utility and all data sets created by the LOAD and CHECK utilities after the strategy executes.

N

Does not delete the utility data sets. You must manually delete these data sets.

Action:

Specify a valid value in the TEMPORARY field.

RM770E

Invalid data entered for VSAM DEFINES. Press HELP for more info.

Reason:

The specified field contains an invalid value. The following values are valid:

Y

Generates IDCAMS DEFINE statements for tablespaces and indexes that require them. A DEFINE is required for CA RC/Migrator alterations and migrations that involve a DB2 subsystem change or an object database or name change.

N

Does not define any VSAM data sets.

Action:

Specify a valid value in the VSAM DEFINES field.

RM771E

Invalid data entered for VSAM DELETES. Press HELP for more info.

Reason:

The specified field contains an invalid value. The following values are valid:

Y

Deletes any VSAM data sets that are explicitly defined in your migration. The IDCAMS deletes are performed before object creation and after any unloads or drops.

N

Does not delete any VSAM data sets.

Action:

Specify a valid value in the VSAM DELETES field.

RM772E

Invalid data entered for (M)OVE/(C)OPY. Press HELP for more info.

Reason:

The specified field contains an invalid value. The following values are valid:

M

Moves the objects. Moving involves substituting the new OBID value in the objects.

C

Copies the objects. RC/Merger automatically resets the page RBAs.

Action:

Specify a valid value in the (M)OVE/(C)OPY field.

RM773E

Invalid data entered for MAXTASKS. Press HELP for more info.

Reason:

The specified field contains an invalid value. This field defines the maximum number of tasks that can run simultaneously for this strategy. Valid values are 1 through 9. The default is 3. If you are moving or copying partitioned objects, increasing this value can cause the job to run faster.

Action:

Specify a valid value in the MAXTASKS field.

RM774E

Invalid data entered for CONVERT IX. Press HELP for more info.

Reason:

The specified field contains an invalid value. The following values are valid:

Y

Converts the indexes. If the target is version 4 or later, all indexes are converted to type 2. If the target is earlier than version 4, all indexes are converted to type 1. If both source and target are version 4 or later and the indexes are already type 2, no conversion takes place.

Note: If you enter Y, you must also enter Y in the Reorg TS field or the Rebuild IX All field (but not both fields).

N

Does not convert the indexes.

Action:

Specify a valid value in the CONVERT IX field.

RM775E

Invalid data entered for RESET PAGE RBA. Press HELP for more info.

Reason:

The specified field contains an invalid value. The following values are valid:

Y

Resets the page RBAs. This setting can affect the recoverability of the move or copy.

N

Does not reset the page RBAs. RC/Merger determines whether the page RBAs should be reset.

Action:

Specify a valid value in the RESET PAGE RBA field.

RM776E

Invalid data entered for RESERVE OBIDS. Press HELP for more info.

Reason:

The specified field contains an invalid value. The following values are valid:

Y

Reserves the OBIDs.

N

Does not reserve the OBIDs.

Action:

Specify a valid value in the RESERVE OBIDS field.

RM777E

Invalid data entered for REORG TS. Press HELP for more info.

Reason:

The specified field contains an invalid value. The following values are valid:

Y

Reorganizes the tablespaces and rebuilds the indexes.

Note: If you enter Y, you must also enter Y in the CONVERT IX field and N in the REBUILD IX All field.

N

Does not reorganize the tablespaces.

Action:

Specify a valid value in the REORG TS field.

RM778E

Invalid data entered for DATA ONLY. Press HELP for more info.

Reason:

The specified field contains an invalid value. The following values are valid:

Y

Generates only the RC/Merger statements required to copy data into an existing set of DB2 objects on the target SSID.

Note: This option is valid only for COPY analysis. It is invalid for MOVE analysis.

N

Generates a full RC/Merger analysis.

Action:

Specify a valid value in the DATA ONLY field.

RM779E

Invalid data entered for COLLISION REPORT. Press HELP for more info.

Reason:

The COLLISION RPT field contains an invalid value. The following values are valid:

Y

Generates a report on object name and OBID collisions. RC/Merger connects to the target subsystem to retrieve this information.

N

Does not report on name and OBID collisions.

Action:

Specify a valid value in the COLLISION RPT field.

RM790E

Invalid option entered.

Reason:

An unsupported option was encountered in the Schema field. The following options are valid:

- N or blank—Turn off the schema option. N is accepted from the user and is treated as blank.
- Y—Turn on the schema option.
- P—Turn on the schema option in parallel processing mode. P is valid only for Before Unload, After Unload, and After Load utilities.

Action:

Correct the option and retry the request.

RM801I

Building the dependents list.

Reason:

You selected one or more primary objects for a dependency strategy. The product is determining the dependent objects of selected primary objects. After processing completes, the product displays the list.

Action:

No action is required.

RM802E

Unsupported line command.

Reason:

You have entered an invalid line command.

Action:

Specify a valid line command.

Note: For a list of valid commands, see the online help for this message.

RM803E

Multiple tasks are not allowed on an object.

Reason:

You attempted to perform an action on an object that is already associated with a task.
Only one action is permitted on an object.

Action:

Remove the task by entering **R** next to the object, and then retry the request.

RM804E

Unsupported line command.

Reason:

You have entered an invalid line command.

Action:

Specify a valid line command.

Note: For a list of valid commands, see the online help for this message.

RM805E

Previously selected objects not added to the list.

Reason:

The object that you attempted to select as a primary object is already selected as a primary object. In a dependency strategy, an object can be selected as a primary object only once.

Action:

If necessary, continue selecting objects as primary objects; otherwise, no action is required.

RM806E

Please perform a task before saving the strategy.

Reason:

Before saving the dependency strategy, you must perform actions on the objects that you included in the strategy.

Action:

Perform activity on objects as needed, and retry the save.

RM807E

Reset option cannot be performed on propagated action

Reason:

You cannot enter the reset command to remove propagated actions. Propagated actions include MP (migrate parents), MC (migrate children), and MA (migrate all).

Action:

Enter the reset line command (**R**) next to the object that propagated the action.

RM808E

Edit option is valid only on CREATE, TEMPLATE or ALTER tasks.

Reason:

You attempted to edit a task that was not a CREATE, TEMPLATE, or ALTER action.

Action:

Verify the task that you are attempting to edit.

RM809I

Del command is valid only on Primary Object

Reason:

The DEL (delete) command can be specified only for a primary object. Deleting a primary object also removes its dependents.

Action:

Verify that you specified the DEL command on the correct object.

RM810E

Invalid Object type

Reason:

An invalid object type was specified in the Object field to identify a primary object.

Action:

Specify one of the following supported object types: SG, DB, TS, T, MQ, I, V, S, A, TG, SQ, UF.

RM811E

ALTER/CREATE/TEMPLATE/DROP is not allowed for Procedures & Functions.

Reason:

You cannot alter, create, template, or drop a procedure or function in the dependency strategy.

Action:

Perform actions other than alter, create, template, or drop on the procedure or function.

RM812E**Invalid PO line command****Reason:**

On a separate line that identifies the primary object (PO) for a group of related objects, an invalid line command was issued.

Action:

Specify one of the following line commands:

DEL

Deletes the primary object that this line identifies.

HPO

Hides this separate line.

RM813I**Parent object has a DROP action****Reason:**

An ALTER action was specified against an object, but the object has a parent that is scheduled to be dropped. Any action performed on the child is insignificant because the parent will be dropped.

Action:

No action is required.

RM814I**Child object(s) has an ALTER action****Reason:**

A DROP action was specified against an object, but the object has a child object with an ALTER action registered. The DROP action performed on the parent makes the ALTER action insignificant.

Action:

No action is required.

RM815I

Task list is empty

Reason:

No task has been performed.

Action:

No action is required.

RM816I

Deleting Primary object(s). This may take a few minutes to complete.

Reason:

The product is deleting one or more primary objects as requested.

Action:

No action is required.

RM817E

ALTER/DROP actions are not allowed upon objects having a propagate action

Reason:

An action was attempted for an object that is already the subject of a propagated action. This object cannot receive any new action.

For example, assume that TEST.TABLE1 is a child object of TEST.TABLESPACE1. Issuing the MC line command against TEST.TABLESPACE1 schedules the tablespace for migration and includes TEST.TABLE1 in the migration request. In this situation, you cannot attempt an alter or drop action against TEST.TABLE1.

Action:

Remove the propagated action by doing *one* of the following activities:

- Issue the R line command next to the scheduled action that is causing the propagated action.
- Issue the TASKS primary command and delete scheduled tasks as needed.

RM818I

CREATE/TEMPLATE task added to task list.

Reason:

The product updated the task list based on your request to create or template an object.

Action:

No action is required.

RM830E

Internal Error: data set name length.

Reason:

An internal error occurred during data set name validation.

Action:

Contact CA Support.

RM831E

Internal Error: data set name address.

Reason:

An internal error occurred during data set name validation.

Action:

Contact CA Support.

RM832E

Unsupported characters in data set name.

Reason:

The product detected unsupported characters within a data set name and placed the cursor on the field containing the unsupported name.

Action:

Correct the data set name by removing the invalid characters. The name must conform to rules for valid z/OS data set names.

RM833E

Invalid node in data set name.

Reason:

The product detected an invalid node within a data set name and placed the cursor on the field containing the invalid name. The node must be one to eight characters in length and must contain only valid characters for a z/OS data set name.

Action:

Correct the name.

RM834E

Unsupported symbol in data set name.

Reason:

The product detected an unsupported symbol within a data set name and placed the cursor on the field containing the invalid name.

In the data set name, a symbol is identified by an escape character (%). The symbol name follows the escape character and is delimited by a blank, a period, a left parenthesis, or the end of the data set name.

Action:

Correct the symbol specification.

RM835E

Mismatched quotes in data set name.

Reason:

The product detected a data set name that ends with an apostrophe but does not begin with an apostrophe. The product placed the cursor on the field containing the invalid name.

Note: If the name begins with an apostrophe but does not end with an apostrophe, the product adds an apostrophe to the end of the name.

Action:

Ensure that the data set name is enclosed within matching apostrophes (to avoid having a user name prepended to the data set name at allocation).

RM836E

Symbol *symbol_name* used in data set name cannot be resolved.

Reason:

The product did not recognize a symbol (*symbol_name*) used in a data set name template.

Action:

Correct the erroneous symbol.

RM840E

Unload option should be the same as Load option.

Reason:

Load cannot be specified without the unload option. The unload option should be same as the load option.

The following options are valid:

- N or blank—Turn off the schema option.
- Y—Turn on the schema option.
- P—Turn on the schema option in parallel processing mode.

Action:

Perform *one* of the following actions:

- Leave both After Load and After Unload fields as blank.
- Enter the option that was specified for After Load in the After Unload field.

RM841W

Task Range row is set to default values.

Reason:

Utility profiles must have at least one task range row with valid values. If the entire task range row is blank, the user is not allowed to save. Task Range row is filled with default HIGH PART and TASKS values.

Note: The default HIGH PART and TASKS values are 4096 and 1, respectively.

Action:

No action is required.

RM842E

SAVE command is not active in this panel.

Reason:

The SAVE primary command is not available in this panel at this time. The command is ignored.

The valid options are: END, CAN, and CANCEL to go back to the previous panel.

Action:

Correct the option and retry the request.

RM843E

Invalid command entered for Utility Profile Option

Reason:

An invalid command was encountered in the options field. The following options are valid:

- U—Invoke the utility options detail panel in Update mode.
- B—Invoke the utility options detail panel in Browse mode.

Note: If the utility profile panel is invoked in Browse mode, the Update option is not active.

Action:

Correct the option and retry the request.

RM844E

Invalid data entered for BALANCE field.

Reason:

An unsupported value was encountered in the BALANCE field. This field is used for allowing the user to specify to distribute the partitions between different tasks. The following options are valid:

- N—Based on the number of partitions.
- S—Based on the partition size. This value is the default.

Action:

Correct the option and retry the request.

RM845E**Invalid data entered for OUTPUT FORMAT field.****Reason:**

An unsupported value was encountered in the OUTPUT FORMAT field. This field determines whether the output format of the unloaded data sets is fixed (F) or variable (V) format. The following options are valid:

- F—The record length format of the unloaded data set is fixed.
- V—The record length format of the unloaded data set is variable. This value is the default.

Action:

Correct the option and retry the request.

RM846E**Invalid option entered for CMD field.****Reason:**

An unsupported command was encountered in the CMD field. Insert, delete, or repeat a row to maintain the Task Ranges list. The following options are valid:

- I—Insert a new row.
- D—Delete a row.
- R—Repeat a row.

Action:

Correct the option and retry the request.

RM847E

Invalid value entered for HIGH PART field.

Reason:

An unsupported value was encountered in the HIGH PART field. This field specifies an upper limit partition number as per user choice. The value should be numeric and between the range 1 to 4096.

The HIGH PART value is used as the upper limit for tasks. The current value in the screen should be greater than the previous HIGH PART value provided.

Note: The default value is 4096.

Action:

Correct the value and retry the request.

RM848E

Invalid value entered for TASKS field.

Reason:

An unsupported value was encountered in the TASKS field. This field should be numeric and specify the number of tasks that is required to run for parallel processing.

The maximum allowed tasks is 99 for the CA Fast Unload utility. The value of this field should be less than the corresponding HIGH PART field value.

The default value is 1.

Action:

Correct the value and retry the request.

RM849E

HIGH PART / TASKS field should not be blank.

Reason:

High Part or Task field should not be blank. The user can delete the Task Range row using the D command.

Action:

Perform *one* of the following actions:

- Enter valid value in High Part and Tasks fields.
- Enter D to delete the Task Range row.

RM850E

UPDATE option is not active in this panel.

Reason:

An unsupported option was encountered in the Options field. The UPDATE option is not active if the Utility Profile panel is invoked in Browse mode.

The BROWSE option (B) is valid and invokes the utility options detail panel.

Action:

Enter B and retry the request.

RM851E

Delete option is invalid when it is issued against all the Task Range Rows.

Reason:

Delete is not possible when only one Task Range Row is present or when Delete is issued against all the Task Range Rows. Utility Profiles must have at least one Task Range row with valid values.

Action:

Remove one of the Delete (D) commands and retry the request.

RM852E

You are not allowed to enter more than 99 Task Range rows.

Reason:

User entered more than 99 Task Range rows. Maximum 99 rows can be accommodated in the Task Range section.

Action:

Delete the excess Task Range rows using the D command.

RM853W

CA Fast Unload Utility support maximum 99 tasks.

Reason:

User entered the task value more than 99. Maximum allowed tasks is 99 for the CA Fast Unload utility.

Action:

No action required.

RM854E

Unsupported header command.

Reason:

An unsupported command has been entered in the COMMAND line. The following commands are valid:

- EXPLODE—Expand all options.
- COLLAPSE—Collapse all options.
- CAN/CANCEL—Go back without saving utility options.
- SAVE—Incrementally save utility options.

Action:

Correct the command and retry the request.

RM855E or RM856E

INVALID DATA ENTERED FOR AUTOREPAIR. PRESS HELP FOR MORE INFO.

Press PF1 or type HELP while this message is displayed for more details.

RM999E

Only valid command on this panel is TRANSPOSE. Press HELP for info.

RM00286E

All changes to all versions of *<rtn-type> <rtn-schema>.<rtn-name>* are being discarded because conflicting changes have been made. Version *<rtn1-ver>* has *<change1>* change and version *<rtn2-ver>* *<change2>* change.

where *<rtn-type>* is 'function' or 'procedure',
<rtn-schema> is the schema of the routine,
<rtn-name> is the name of the routine,
<rtn1-ver> is one of the conflicting versions,
<rtn2-ver> is the other conflicting version,
<change1> is the type of change to *<rtn1-ver>*, and
<change2> is the type of change to *<rtn2-ver>*.

Reason:

Conflicting changes have been made to different versions of the same routine. Both of the changes cannot be applied, so all changes to all of the versions of this routine are being discarded. Examples:

- One version is changed to a nonversioned routine, while another version has any other change.
- The parameter lists of two versions being changed so that they are incompatible.
- The identifiers of two versions being changed to different values.

Action:

To eliminate the conflicting changes, edit the strategy and rerun the analysis.

RM00287W

The parameter list or CCSID of *<rtn-type> <rtn-schema>.<rtn-name>* is being changed. Version *<rtn-ver>* will be dropped because its parameter list or CCSID is not compatible with the changes.

where *<rtn-type>* is 'function' or 'procedure',
<rtn-schema> is the schema of the routine,
<rtn-name> is the name of the routine,
<rtn-ver> is the version that will be dropped.

Reason:

A version of the routine has had its parameter list or CCSID changed. All versions of the routine must have compatible parameter lists. Any version that has an incompatible parameter list or CCSID will be dropped.

Action:

If the version being dropped is required, modify its parameter list or CCSID to be compatible with the other changes to the routine.

RM00288W

**<rtm-type> <rtm-schema>.<rtm-name> is being changed to a nonversioned object.
Version <rtm-ver> will be dropped.**

**where <rtm-type> is 'function' or 'procedure',
<rtm-schema> is the schema of the routine,
<rtm-name> is the name of the routine,
<rtm-ver> is the version that will be dropped.**

Reason:

A version of the routine has been changed into a nonversioned object type. The specified version will be dropped due to this change.

Action:

If the version being dropped is still required, edit the strategy and change the routine to not be a nonversioned object.

RM00289I

**<rtm1-ver>, the active version of <rtm-type> <rtm-schema>.<rtm-name> is being
dropped, and no other version has been selected for activation. Version <rtm2-ver> is
being activated because it is the most recently created version that is not being
dropped.**

**where <rtm-type> is 'function' or 'procedure',
<rtm-schema> is the schema of the routine,
<rtm-name> is the name of the routine,
<rtm1-ver> is the originally active version,
<rtm2-ver> is the version selected for activation.**

Reason:

The originally active version of the routine is being dropped, and no other version has been selected for activation.

Action:

If another version is desired to be active, update the strategy and change the active status of the version to 'Y'.

RM00290I

Add Partition utility Beginning.

Reason:

The add partition utility request has started.

Action:

None. This message is informational only.

RM00291I

Add Partition utility completed successfully.

Reason:

The add partition utility request has completed successfully.

Action:

None. This message is informational only.

RM00292I

Add Partition utility completed unsuccessfully.

Reason:

The add partition utility request has completed unsuccessfully.

Action:

Review the generated output, update as needed, and resubmit.

RM00293I

All input parameters read in successfully.

Reason:

The input parameters in the RMMUTIL JCL were specified correctly and the Batch Processor input options have been updated.

Action:

None. This message is informational only.

RM00294I

Partition &PARTNO added for DBID &TSDBID OBID &TSOBID PSID &TSPSID

Reason:

The specified partition has been added to the target subsystem object identified by the DBID, OBID, and PSID.

Action:

None. This message is informational only.

RM00295E

Error reading the parameter input for RMMUTIL.

Reason:

Incomplete or invalid keywords specified. An error occurred reading the parameter input for RMMUTIL.

Action:

Look for invalid input keywords or values. SSID, DBID, OBID, PSID, and GROWPART must be included.

RM00296E

Error returned from GETPAGE instantiation.

Reason:

The GROWPART request must not exceed MAXPART -1.

Action:

Ensure that the GROWPART request value is valid.

RM00297E

Error GROW REQUEST exceeds MAXPARTITIONS.

Reason:

The GROWPART value is invalid. GROWPART cannot exceed MAXPART -1, as the first partition of the target subsystem is instantiated by the CREATE of the object.

Action:

To match the number of partitions on the source subsystem, update the GROWPART value.

RM00298E

Error Opening OUTPUT file.

Reason:

An error occurred opening the utility output.

Action:

Review the output destination specifications.

RM00299E

Error MAXPARTITIONS exceeds 4096.

Reason:

Invalid request amount.

Action:

Specify up to 4095 depending on the needs on the target subsystem.

RM00304E

THE SOURCE NUMBER OF PARTITIONS FOR *TABLESPACE DBNAME.TSNAME* HAS CHANGED FROM THE TIME OF ANALYSIS. PLEASE RE-ANALYZE THE STRATEGY.

Reason:

This message is issued to notify you that the number of partitions in the source tablespace has changed between analysis and analysis execution.

Action:

Re-analyze the strategy and execute the analysis.

RM00305E

THE TARGET NUMBER OF PARTITIONS FOR *TABLESPACE DBNAME.TSNAME* HAS CHANGED FROM THE TIME OF ANALYSIS. PLEASE RE-ANALYZE THE STRATEGY.

Reason:

This message is issued to notify you that the number of partitions in the target tablespace has changed between analysis and analysis execution.

Action:

Re-analyze the strategy and execute the analysis.

RMA Messages

The following RMA messages are generated from CA RC/Compare, RC/Merger, and CA RC/Migrator.

RMA@0101

MSGFILE DD MISSING OR HAS INCORRECT LRECL

Reason:

The message file could not be created for one or more of the following reasons associated with the message file DD:

- The message file DD is missing.
- If you specify an LRECL, it must be within 80–133 inclusive.
- The block size must be a multiple of the LRECL.

RMA001E

NO OBJECTS MATCH CRITERIA FOR ALL TYPE STRATEGY.

Reason:

You used the ALL option and specified selection criteria on the Primary Object Selection screen to create an autobuild strategy. No objects matched your selection criteria.

Action:

Check the strategy definition and correct the selection criteria.

RMA002E

BPID IS CURRENTLY BEING PROCESSED.

Reason:

The data set you specified for the analysis output file is currently being processed (in analysis or by the Batch Processor).

Action:

Enter another DSN for the analysis output file.

RMA003E

MULTIPLE SYNC RECORDS FOUND FOR THIS BPID.

Reason:

Internal table error.

RMA004E

BPID IS INCOMPLETE AND OVERRIDE WAS NOT SPECIFIED.

Reason:

The analysis output file is also the Batch Processor input data set. The Batch Processor input data set (BPID) was previously executed and ended with an incomplete status. You must specify Override=Yes on the Analysis screen to write over the data set. If you write over the data set, you will not be able to RESTART the incomplete job.

RMA005E

COULD NOT OPEN &file_name FILE.

Reason:

The JCL did not specify the DD name or the LRECL or BLKSIZE were incorrectly specified.

RMA006E

STRATEGY CANNOT BE FOUND.

Reason:

The strategy was deleted before the analysis execution began.

RMA007E

DB2 MODULE - DSNHDECP - COULD NOT BE LOADED.

Reason:

The DB2 environment module could not be loaded. The DB2 load library must be specified in the link list or in the STEPLIB.

RMA008E

MIGRATOR MODULE - *&module_name* - COULD NOT BE LOADED.

Reason:

The wrong load library may have been specified.

Action:

Check the Execution Libraries Profile screen.

RMA009E

NOT ENOUGH STORAGE TO PERFORM ANALYSIS.

Action:

Increase the region size.

RMA010E

RC/Migrator HAS EXPIRED.

Reason:

The CA RC/Migrator license has expired.

RMA011E

ONE OR MORE MIGRATOR MODULES WERE NOT FOUND IN LOAD LIBRARY.

Reason:

The wrong load library may have been specified.

Action:

Check the Execution Libraries Profile screen. The installation may be incomplete or incorrect. If the load libraries seem correct, contact Technical Support.

For assistance, contact CA Support at <http://ca.com/support>.

RMA012E

**NO STRATEGY DEFINITION CAN BE FOUND FOR NEW OBJECT *object_type*
object_name.**

Reason:

Information about the strategy definition cannot be found in the CA RC/Migrator internal tables.

RMA014E

NOT ENOUGH STORAGE TO PROCESS SQL ERROR: SQL CODE = code_number.

Reason:

A getmain error occurred while processing. Use the SQL error code to diagnose the problem.

Action:

For assistance, contact CA Support at <http://ca.com/support>.

RMA015E

SQL ERROR PROCESSING FAILED: SQL CODE = code_number.

Reason:

Use the SQL error code to diagnose the problem.

Action:

For assistance, contact CA Support at <http://ca.com/support>.

RMA016E

CALL ATTACH ERROR - RC= code_number , RCODE= code_number.

Reason:

Use the SQL error code to diagnose the problem.

Action:

For assistance, contact CA Support at <http://ca.com/support>.

RMA018E

COMPUTER ASSOCIATES MODULE - PTLDBSYS - COULD NOT BE LOADED.

Reason:

The program was unable to successfully LOAD the CA parameter module. This can be caused by not having the CA product library DDNAME allocated properly. The DDNAME that should be allocated is PTILIB and that library must contain the load module PTLDBSYS.

RMA019E

KEYWORD UNKNOWN IN FOLLOWING PARM RECORD:

Reason:

The parm record shown has an unknown keyword.

RMA021E

operand# OPERAND MISSING IN FOLLOWING PARM RECORD:

Reason:

A keyword or parm requires more than one operand. The operand identified in the message is missing from the parm record.

RMA022E

operand# OPERAND TOO LONG IN FOLLOWING PARM RECORD:

Reason:

The operand identified in the message is too long.

RMA023E

BAD operand# OPERAND VALUE IN FOLLOWING PARM RECORD:

Reason:

The operand value identified in the message is not valid.

RMA024E

NON NUMERIC OPERAND IN FOLLOWING PARM RECORD:

Reason:

The operand value identified in the message must be a numeric value.

RMA025E**BAD IMAGECOPY BLKSIZE - MUST BE 4,8, OR 16:****Reason:**

The block size for Image Copies must be 4, 8, or 16 KB.

Action:

Check the Utility Parameters Profile screen.

RMA026E**STRATEGY NAME AND CREATOR NEEDED.****Reason:**

The strategy name and creator must be specified.

RMA027E**STRATEGY IS NOT SHARABLE.****Reason:**

The strategy was defined with a Share option of "N." It can be executed only by its creator. The creator must change the Share option to "Y" or "U" for you to be able to execute it.

RMA028E**INVALID SELECTED OBJECTS FOUND IN STRATEGY.****Reason:**

Internal table error.

Action:

For assistance, contact CA Support at <http://ca.com/support>.

RMA029E

ALL TYPE STRATEGY CONTAINS SELECTED OBJECTS.

Reason:

Internal table error.

Action:

For assistance, contact CA Support at <http://ca.com/support>.

RMA030E

UNLOAD UNIT AND DSN NEEDED TO PERFORM UNLOADS

Reason:

You have not specified the UNIT and data set name for the Unload program.

Action:

Check the Utility Parameters Profile screen.

RMA030W

RMA030W - There is nothing to generate for copy id XXXX

Reason:

There are no objects involved for the specified copy-ID, and no DDL is generated.

Action:

No action is required.

RMA031E

IMAGECOPY UNIT AND DSN NEEDED TO PERFORM IMAGE COPYS.

Reason:

You have not specified the UNIT and data set name for the Image Copy utility.

Action:

Check the Utility Parameters Profile screen.

RMA032E**IMAGECOPY DSN NEEDED TO PERFORM CHECK DATAS.****Reason:**

The Image Copy data set name is used to execute the CHECK DATA utility. You have not specified the data set name for the Image Copy utility.

Action:

Check the Utility Parameters Profile screen.

RMA033E**NO PRIMARY OR CREATED OBJECTS FOUND IN STRATEGY.****Reason:**

No primary objects were selected as part of the strategy definition, and no primary objects were created.

Action:

Check the strategy definition.

RMA034E**MIGRATOR MODULE *&module_name* COULD NOT BE ATTACHED.****Reason:**

The wrong load library may have been specified.

Action:

Check the Execution Libraries Profile screen. There may also not be enough storage space. Check the region size.

RMA035E**SPECIFIED STRATEGY EQF CANNOT BE FOUND.****Reason:**

The extended query you used with an Autobuild strategy cannot be found.

RMA036E

DUPLICATE STRATEGY EQFS FOUND.

Reason:

An extended query with the same name, but different creator, as the requested extended query has been found.

Action:

Change the extended query name.

RMA037E

A STRATEGY EQF WITH REPLACABLE PARMS CANNOT BE USED.

Reason:

The extended query you have specified uses replaceable parameters. These cannot be used with strategies.

Action:

Update your strategy and insert values in the place of the replaceable parameters.

RMA038E

ERROR RETRIEVING DATA QUERY EQF.

Reason:

An error occurred while trying to retrieve data using the specified extended data query.

Action:

Update the strategy and try the TEST COUNT feature of EQF to test and fix your query.

RMA039E

LINK TO IDCAMS FAILED.

Reason:

The IDCAMS load libraries need to be specified in the link list or in the STEP LIB.

RMA040W

TABLE *&creator.&table_name* IS IN A PARTITIONED TABLESPACE AND CANNOT BE DROPPED EXPLICITLY.

Reason:

A table in a partitioned table space can only be dropped by dropping the table space.

Action:

You can change the strategy definition or the DDL to drop the table space, and thus drop the table.

RMA042W

INDEX *&creator.&index_name* IS PARTITIONED AND CANNOT BE DROPPED EXPLICITLY.

Reason:

A partitioned index can only be dropped by dropping its associated table space.

Action:

You can change the strategy definition or the DDL to drop the table space, and thus drop the table and index.

RMA044W

FOREIGN KEY *&rel_name* ON TABLE *&table_name* COULD NOT BE CREATED BECAUSE ALL KEY COLS HAVE BEEN DELETED.

Reason:

The requested foreign key cannot be created because all key columns have been deleted from the table definition.

RMA046E

ERROR OCCURRED CREATING LOAD STATEMENTS:

Reason:

An error occurred when creating the following LOAD statements. The format of the data to be loaded may not match the new table definition.

RMA047W

SELECTED *&object_type* *&object_name* NO LONGER EXISTS.

Reason:

The object displayed no longer exists, and so the requested operation cannot be performed.

RMA048W

***&object-type* *&creator.name* CANNOT BE PARSED
MANUAL CHANGE PROPAGATION MAY BE NEEDED.**

Reason:

The specified object has been edited so extensively that it is now invalid.

Action:

Manually edit the object definition to correct it.

RMA050W

**ONE OR MORE COLUMNS REFERENCED IN THE WHERE CLAUSE OF VIEW
&creator.&view_name HAS HAD ITS TYPE CHANGED.**

Reason:

The WHERE clause of the specified view may need to be changed to reflect the new column data type definitions.

RMA052E

ALL COLUMNS HAVE BEEN DELETED FROM *&object-type* *&creator.&name*.

Reason:

Edits to the specified object or to parent objects have deleted all columns to the specified object, invalidating it.

Action:

Manually edit the object definition to correct it.

RMA054W

STOGROUP *&stogroup_name* CANNOT BE DROPPED BECAUSE AT LEAST ONE DEPENDENT OBJECT IS NOT BEING MIGRATED.

Reason:

CA RC/Migrator tried to delete the specified storage group because you requested the “Drop Objects” Analysis Option. However, there is at least one object on the source subsystem that is dependent on this storage group.

Action:

You must drop all dependent objects if you want to drop the storage group.

RMA056E

ONE OR MORE COLUMNS HAVE BEEN DELETED FROM THE WHERE CLAUSE OF VIEW *creator.view_name*.

Reason:

View is invalid.

RMA058W

A PARENT VIEW OF VIEW *&creator.&view_name* HAS BEEN EDITED. MANUAL COLUMN PROPAGATION MAY BE NEEDED.

Reason:

A parent view of the specified view has been edited, but the edits are not propagated to dependent views.

Action:

Edit the DDL definition of the specified view to ensure its correct.

RMA060W

THE CURRENT CATALOG DEFINITION OF *&object_type* *&object_name* DOES NOT MATCH THE DEFINITION WHICH EXISTED AT TIME OF EDIT. THE CURRENT CATALOG VERSION HAS BEEN USED.

Reason:

Changes may have been made to the specified object after strategy creation but before analysis. The analysis uses the *most recent DB2 catalog definition* of the object, and makes changes to that definition.

Action:

Check the current DDL to verify the changes you requested.

RMA064W

THE CURRENT CATALOG DEFINITION OF *&object_type* *&object_name* DOES NOT MATCH THE DEFINITION WHICH EXISTED AT TIME OF EDIT. THE EDITED VERSION HAS BEEN USED.

Reason:

Changes may have been made to the specified object after strategy creation but before analysis. The analysis uses the *edited* definition of the object, and makes changes to that definition.

Action:

Check the current DDL to verify the changes you requested.

RMA068E

AN EDITED VERSION OF *&object_type* *&object_name* CANNOT BE FOUND FOR THIS STRATEGY.

Reason:

Internal table error.

RMA071E

***&object_type* NAME *&object_name* HAS BEEN USED FOR TWO OR MORE OBJECTS.**

Reason:

The same name has been previously used for the same object type.

Action:

Specify another name or delete the objects that share the name.

RMA073W

***&object_type &object_name* EDITED IN STRATEGY *&creator.&strategy_name*.**

Reason:

An object that is edited in this strategy is also edited in another strategy. No problem occurs unless you try to execute both strategies.

RMA075E

ALL KEY COLUMNS DELETED FROM INDEX *creator.index_name*.

Reason:

Changes were probably propagated from a table alter. All the columns that the index references were deleted from the table, and thus from the table. This invalidates the index.

RMA077E

INDEX *&creator.&index_name* CONTAINS KEY COLUMNS NOT FOUND IN ITS PARENT TABLE.

Reason:

The index references columns that no longer exist in the table. This invalidates the index.

RMA079E

THE NUMBER OF PARTITIONS FOR INDEX *&creator.&index_name* DOES NOT MATCH THE NUMBER FOR ITS ASSOCIATED TABLESPACE.

Reason:

The index or the tablespace or both were altered to change the number of partitions. The number of partitions in an index space must equal the number of partitions in its related tablespace.

RMA082W

INDEXED COLUMNS HAVE BEEN CHANGED IN THE TABLE ASSOCIATED WITH PARTITIONED INDEX *index_name*.

Reason:

The VALUES clause in the INDEX CREATE statement specifies the key values for a partitioned index. Changes to the key columns in the table may invalidate index key values. For example, the value on a key column that was changed from character to integer may be 'MAB.' This value is not valid for an integer key.

RMA084E

CONFLICTING COLUMN CHANGES HAVE BEEN MADE TO PARENT TABLE *&table_name* AND DEPENDENT TABLE *&table_name*.

Reason:

When editing two tables related by referential rules, conflicting changes were made to the primary or foreign keys. Changes made to primary keys override changes made to foreign keys.

Action:

Check the table definitions to resolved the conflict.

RMA087W

PARENT TABLE *&table_name* CANNOT BE FOUND.

Reason:

An object dependent on the specified parent table has been included in the strategy, but the parent table is not included. If you are migrating to another subsystem, the parent table may already exist there. In this case, there is no problem. However, if you are migrating in place or creating an alteration strategy, the parent table should have been found.

Action:

Check the definition of the dependent object and verify that the parent table exists in target the subsystem.

RMA088E

NUMBER OF KEY COLUMNS IS DIFFERENT IN PARENT TABLE *&table_name* AND FOREIGN KEY *&rel_name* ON TABLE *table_name*.

Reason:

After all changes have been propagated, differences in the number of columns in the specified key were found.

Action:

Check the key definitions and resolve the differences.

RMA091E

**THE CURRENT CATALOG DEFINITION OF *object_type object_name* DOES NOT MATCH THE DEFINITION WHICH EXISTED AT TIME OF EDIT.
THE OBJECT WILL NOT BE ALTERED.**

Reason:

Changes may have been made to the specified object after strategy creation but before analysis. The analysis makes *no changes* to the definition of the object.

Action:

Review the current DDL to check and change the definition of the object..

RMA095W

RI KEY CHANGE PROPAGATION BETWEEN PARENT TABLE *table_name* AND DEPENDENT TABLE *table_name* HAS BEEN MADE BY USING IDENTICAL COLUMN NAMES TO ADD COLUMNS TO THE KEY.

Reason:

A column has been added to a primary or foreign key. No corresponding change was specified for the related key. If the related table has a column with the same name as the one added to the key, CA RC/Migrator will add that column to the related key.

Action:

Check the specified table definitions to make sure the primary and foreign key definitions are correct.

RMA099W

TABLE *creator.table_name* HAS HAD ONE OR MORE OF ITS PRIMARY KEY COLUMNS CHANGED DUE TO REFERENTIAL INTEGRITY PROPAGATION.

Reason:

One or more of the primary key columns in the specified table has been changed because of referential integrity propagation.

Action:

Check the table definition to make sure the primary key column definitions are correct.

RMA102W

STOGROUP *stogroup* CANNOT BE DROPPED BECAUSE ONE OR MORE DEPENDENT TABLE/INDEX SPACES STILL EXIST.

Reason:

The strategy requested to drop the specified storage group, but the storage group cannot be dropped until all dependent tablespaces and indexspaces have been deleted.

Action:

Verify that you want to drop these dependent objects.

RMA104W

TABLE *creator.table* HAS HAD ONE OR MORE OF ITS FOREIGN KEY COLUMNS CHANGED DUE TO REFERENTIAL INTEGRITY PROPAGATION.

Reason:

One or more of the foreign key columns in the specified table has been changed because of referential integrity propagation.

Action:

Check the table definition to make sure the foreign key column definitions are correct.

RMA107W

DB2 SUBSYSTEMS NEEDED.

Reason:

The source and target DB2 subsystem IDs are needed to perform analysis.

RMA108W

GLOBAL CHANGE from TO to FAILED ON LENGTH ERROR FOR xxx.

Reason:

Due to masking of global changes, the new length for the specified attribute is invalid.

Action:

Check your global changes masks.

RMA111W

STOGROUP *stogroup* HAS HAD ONE OR MORE VOLUMES DELETED THROUGH THE GLOBAL CHANGE FACILITY.

Reason:

The specified storage group has had one or more of its volumes deleted due to changes made through the Global Changes Facility.

Action:

Verify that the new storage group definition is correct.

RMA113W

TABLE *creator.table* HAS HAD ONE OR MORE COLUMNS DELETED THROUGH THE GLOBAL CHANGE FACILITY.

Reason:

The specified table has had one or more of its columns deleted due to changes made through the Global Changes Facility.

Action:

Verify that the new table definition is correct.

RMA115W

“RECOVERY” CANNOT BE SPECIFIED FOR A DROP RECOVERY ANALYSIS.

Reason:

The recovery option cannot be specified for a Drop Recovery Analysis.

Action:

To “recover” from a drop recovery, re-drop the object.

RMA116W

RECOVERY UNLOAD UNIT AND DSN NEEDED TO PERFORM RECOVERY UNLOADS.

Reason:

The Unload UNIT and DSN must be specified on the Recovery Parameters profile screen before performing analysis with the Recovery option.

Action:

Check your profile and begin analysis again.

RMA117W

MORE THAN ONE "EXCLUSIVE" OPTION SPECIFIED" option1 AND option2.

Reason:

You can only specify one exclusive option for analysis and you have specified 2.

RMA119W

RECOVERY IMAGECOPY UNIT AND DSN NEEDED TO PERFORM RECOVERY IMAGE COPIES.

Reason:

The Image Copy UNIT and DSN must be specified on the Recovery Parameters profile screen before performing analysis with the Recovery option when requesting image copies.

Action:

Check your profile and begin analysis again.

RMA121W

RECOVERY IMAGECOPY DSN NEEDED TO PERFORM RECOVERY CHECK DATAS.

Reason:

The Image Copy DSN must be specified on the Recovery Parameters profile screen before performing analysis with the Recovery option when requesting the CHECK DATA utility.

Action:

Check your profile and begin analysis again.

RMA122W

INVALID QUOTED STRING IN FOLLOWING PARM RECORD: *parm*.

Reason:

The specified parameter can or must be entered in quotation marks, but the quotation marks are not in the correct format.

Action:

Check to make sure the quotation marks are correct.

RMA123W

NUMBER OUT OF RANGE IN FOLLOWING PARM RECORD: *parm*.

Reason:

The specified parameter value requires a number value, and the specified number value is invalid.

RMA124W

RECOVERY DSN NEEDED TO PERFORM RECOVERY.

Reason:

A recovery data set name is required to perform recovery. This is the data set that will contain the recovery commands.

Action:

Specify the data set name and begin recovery again.

RMA125W

**BIND OF PLAN *plan_name* HAS DBRMS IN MORE THAN ONE PDS.
CHECK THE CONCATENATION ORDER OF THE LIBRARIES TO MAKE SURE IT IS CORRECT.**

Reason:

The bind of a plan (*plan_name*) has DBRMs in more than one partitioned data set. For the plan to bind correctly, the libraries must be concatenated in a particular order.

Action:

Before you bind this plan, check the concatenation order of the libraries to make sure it is correct.

RMA128W

CREATOR OF UNQUALIFIED OBJECTS REFERENCED BY VIEW *view_name*. ***
COULD NOT BE DETERMINED. ***** OF VIEW WAS USED AS CURRENT SQLID.**

Reason:

This message tells you that the creator of an object referenced by the view named in the message could not be determined. The analysis output used the creator of the view.

Action:

If this is not correct, change the SQL statements before submitting this job to the Batch Processor.

RMA132E

STRATEGY IS CURRENTLY BEING ACCESSED BY ANOTHER USER.

Reason:

You cannot template, update, delete, enter the execution display or perform an analysis on a strategy that is being accessed by another user.

Action:

Use another strategy, or wait until the strategy is free.

RMA133E

ERROR RETRIEVING ACM TABLES FOR USERID *user_id*.

Reason:

This message tells you that the alternate catalog mapping tables were selected to be used in this analysis, but they were not retrieved successfully for the USERID listed in the message.

RMA141E

MODEL MEMBER *member_name* COULD NOT BE ALLOCATED IN DATASET *dataset_name*.

Reason:

The member (*member_name*) could not be allocated in the data set (*dataset_name*). This error occurs when the member is already being used by another program, or the user does not have the authority required to allocate the data set.

RMA143E

MODEL DATASET *dataset_name* IS NOT PARTITIONED.

Reason:

The model data set (*dataset_name*) is not partitioned. Model services requires partitioned data sets for model IDs.

Action:

Allocate a partitioned data set and use it.

RMA145E

MODEL MEMBER *member_name* COULD NOT BE OPENED IN DATASET *dataset_name*.

Reason:

The member (*member_name*) could not be opened in the data set (*dataset_name*). This message occurs when the member name is illegal, or the member does not exist. Legal member names contain only letters, numbers, #, \$, or @, and can be up to eight characters long. A member name cannot start with a number.

RMA147E

MODELID *model_member* UTILITY *utility_name* OBJCODE *object_code* DID NOT GENERATE TEXT FROM SUBSTITUTION.

Reason:

The utility (*utility_name*) was not generated for the object (*object_code*).

Action:

Check the model ID.

RMA149E

MODELID *model_name* UTILITY *utility_name* OBJCODE *object_code* RECEIVED THE FOLLOWING MODEL SUBSTITUTION ERRORS:

Reason:

A list of errors which occurred during the model substitution follow this message.

Action:

Correct these errors before the model ID listed can be used.

RMA151E

#IF MAX NESTING LEVEL EXCEEDED.

Reason:

Too many #IF statements have been nested. The maximum nesting level is 15.

Action:

Update the model ID in question.

RMA151E

SYMBOL *symbol_name* NAME IS INVALID.

Reason:

The symbolic name (*symbol_name*) contains invalid or conflicting characters.

Action:

Update the model ID in question.

RMA151E

#ENDIF NOT PAIRED WITH #IF

Reason:

Additional #ENDIF statements are needed. More #IF statements have been defined than #ENDIF statements.

Action:

Update the model ID in question.

RMA151E

SYMBOL *symbol_name* UNDEFINED.

Reason:

The symbol has been defined in the BPMODLIB member, but the symbol has not been defined to Model Services.

Action:

Update the model ID in question.

RMA151E

SYMBOL *symbol_name* VALUE IS INVALID.

Reason:

The symbolic (*symbol_name*) is too large or it has invalid characters defined for it.

Action:

Update the model ID in question.

RMA151E

UNABLE TO LOCATE CATALOG VOLSER FOR SSID: *value*.

Reason:

The utility can not locate the catalog volser value for SSID.

Action:

Check the SETUP CATALIAS entry.

RMA151E

SYMBOL *symbol_name* VALUE REFERS TO ITSELF.

Reason:

A symbol has a value defined that refers back to itself. For example, %A=%B, and %B=%A.

Action:

Update the model ID in question.

RMA152W

**DATABASE *database_name* HAS BEEN CHANGED FROM A SHARED DATABASE TO A NON-SHARED DATABASE.
THE DATABASE MUST BE STOPPED AND DROPPED ON ALL SHARING DB2S BEFORE EXECUTING THIS ANALYSIS FILE.**

Reason:

CA RC/Migrator has not fully automated an alter of the Roshare field.

Action:

For a full explanation of how to change the Roshare field of a database, see the IBM DB2 Administrative Guide, Volume 2.

RMA155W

EXECUTION OF DROP INDEX <index name> WILL CONVERT THE TABLESPACE TO USE TABLE-CONTROLLED PARTITIONING INSTEAD OF INDEX-CONTROLLED PARTITIONING

Reason:

Warning to be cautious before executing this DROP INDEX DDL. The execution will convert the tablespace to use table-controlled partitioning.

Action:

To convert the tablespace to use table-controlled partition, execute the DROP INDEX DDL. To keep the tablespace using index-controlled partitioning, do not execute the DROP INDEX DDL.

RMA158W

TABLE *table_qualifier.table_name* RESIDES IN A READ-ONLY DATABASE. DATA WILL NOT BE UNLOADED FROM OR LOADED INTO THIS TABLE.

Reason:

This message reminds you that a read-only database is a special kind of database. Multiple DB2 subsystems share the same DASD copy of a database. Therefore, a read-only database does not have its own data. Only the OWNING database is allowed to update the database in any way. You cannot load or unload data in a read-only database.

Action:

None.

RMA161W

VSAM DELETES/DEFINES WILL NOT BE DONE FOR DATASET *dataset_name* BECAUSE IT RESIDES IN A READ-ONLY DATABASE.

Reason:

This message reminds you that a read-only database is a special kind of database. Multiple DB2 subsystems share the same DASD copy of a database. Therefore, a read-only database does not have its own data. Only the OWNING database is allowed to update the database in any way. You cannot define or delete VSAMs that reside in a read-only database.

Action:

None.

RMA164W

**THIS ANALYSIS WAS PERFORMED USING ALTERNATE CATALOG TABLES.
IF THE ALTERNATE TABLES ARE OUT OF SYNC WITH THE CATALOG, THIS OUTPUT MAY
NOT BE CORRECT.**

Reason:

This message warns you that ACM tables must be up to date with the system tables when they are used for analysis. If you are not sure of the status of your ACM tables, rerun the analysis using the DB2 system tables, or re-create the ACM tables.

RMA167W

SOURCE PARENT TABLE *table_name* IS NOT INCLUDED IN THE STRATEGY.

Reason:

The source parent table was not included in the strategy.

Action:

If this is not what you intended, change the strategy.

RMA169W

THE FOLLOWING PARM RECORD IS INVALID:

Reason:

The parm record listed in the error message is invalid. It may be unknown or it may be invalid for this strategy type.

RMA170E

***object_name* CANNOT BE CREATED BECAUSE A PARENT HAS BEEN SELECTED TO BE
DROPPED IN THE STRATEGY.**

Reason:

The object (*object_name*) cannot be created by DB2 because the parent object is going to be dropped.

RMA172W

**THIS ANALYSIS WAS PERFORMED USING PARTITIONED DATASET ACCESS.
IF THE PARTITIONED DATASET IS OUT OF SYNC WITH THE DB2 CATALOG, THIS OUTPUT
MAY NOT BE CORRECT.**

Reason:

This message reminds you that the PDS option was being used during the analysis. If the objects involved in the analysis have changed since the PDS was updated, the output may be incorrect.

RMA175E

**AN ERROR HAS OCCURRED TRYING TO DYNAMICALLY ALLOCATE OR READ THE
PARTITIONED DATASET.**

Reason:

There was a problem with the partitioned data set used by the PDS option for the current subsystem.

Action:

Make sure the PDS exists on the specified VOLSER, and that it is a partitioned data set.

RMA177E

RC/COMPARE IS NOT OWNED AT YOUR INSTALLATION.

Reason:

Indicates that you have requested to use CA RC/Compare, and CA RC/Compare has not been purchased at your site.

Action:

If you are interested in obtaining CA RC/Compare for a free trial period, contact one of our service representatives.

RMA178E

DATASET NAME *dataset_name* IS USED BY TWO DIFFERENT UTILITIES IN THIS ANALYSIS OUTPUT.

Reason:

Two different utilities are using the data set (*dataset_name*). As a result, there may be two copies of the same data set, and these two copies may become out of sync.

Action:

Use only one utility at a time on a data set.

RMA180E

YOU HAVE SELECTED TO USE PDS ANALYSIS, BUT THERE IS NO PDS FORSSID *subsystem_id* IN THE MIGRATOR PARMLIB MEMBER.

Reason:

Check the MIGRATOR member of *high-level*.CDBAPARM to verify that you entered the data set name correctly.

RMA182W

TABLE *table_name* DOES NOT HAVE A PARTITIONED INDEX.

Reason:

The table you specified resides in a partitioned tablespace, but there is no partitioned index for the table.

Action:

Create a partitioned indexspace for the table before you proceed.

RMA184W

PARTITIONED TABLESPACE *tablespace_name* CONTAINS MORE THAN ONE TABLE.

Reason:

There are more than one table in a partitioned tablespace.

Action:

You cannot have more than one table in a partitioned tablespace. Correct the DDL and resubmit the analysis.

RMA186I

MODEL SERVICES IDCAMS PROCESSING REQUIRED A TABLE SPACE SCAN OF SYSINDEXPART.

Reason:

A tablespace scan of SYSINDEXPART may require considerable system resource. As a result, the analysis you requested may take longer to produce.

RMA190I

MODEL SERVICES IDCAMS PROCESSING USED DEFAULT SPACE VALUE FOR MIGRATED OBJECT *object_name*.

Reason:

The object you requested has been migrated and statistics were not available, so Migrator used default values during MODEL CREATE.

RMA192E

AN ERROR HAS OCCURRED IN VSAM PROCESSING.

Action:

See the IBM SQL Error Message manual for more information pertaining to the particular error message ID you received.

RMA193E

**PLEASE REFRESH THE RC/MIGRATOR PDS.
THE CATALOG PDS UNLOAD MUST BE PERFORMED USING THIS VERSION OF RC/MIGRATOR.**

Reason:

The version of CA RC/Migrator you are using is not the same one used to perform the CATALOG PDS UNLOAD.

Action:

Perform the CATALOG PDS UNLOAD using this version of CA RC/Migrator before continuing.

RMA195W

TABSPACE *tablespace_name* WILL BE DROPPED TO SATISFY DROP REQUEST OF PARTED OBJECT *object_name*.

Reason:

You requested that a partitioned object be dropped. The only way to drop a partitioned object is to drop the partitioned tablespace or indexspace in which it occurs.

Action:

None.

RMA197W

CHILD TABLE *table_name* MUST BE LOADED ENFORCE NO BECAUSE IT IS PART OF A CYCLICAL RI RELATIONSHIP.

Reason:

The table you specified is a part of a cyclical RI relationship. It must be loaded ENFORCE NO.

RMA199E

PROGRAM *program_name* RECEIVED THE FOLLOWING SQL ERROR: *sql_error_message*.

Reason:

Following this message is the SQL Error Message for the error that occurred.

Action:

See the IBM SQL Error Message manual for more information pertaining to the particular error message ID you received.

RMA200E

EXPLODE/IMPLODE REQUESTED, NO OBJECT TYPE HAS BEEN DEFINED.

Reason:

No object type was indicated for the explode or implode you requested.

RMA201E

FOLLOWING *object_name* OBJECT TYPE INVALID.

Reason:

The object type for the specified explode or implode is invalid.

RMA202E

EXPLODE INVALID FOR STOGROUPS.

Reason:

A Stogroup cannot be exploded because it is the highest-level object in the hierarchy.

RMA203E

EXPLODE INVALID FOR *object_name* IF PRIMARY OBJECT *object_type*.

Reason:

The explode option is invalid for the object (*object_name*) because the type of the primary object is above the object in the hierarchy.

RMA204E

IMPLODE INVALID FOR *object_name* IF PRIMARY OBJECT *object_type*.

Reason:

The implode option is invalid for the object (*object_name*) because the type of the primary object is below the object in the hierarchy.

RMA205E

EXPLODE INVALID IF PRIMARY OBJECT INDEX.

Reason:

When the primary object is an index, the explode option is invalid because in the hierarchy structure there is nothing below the index that can be exploded.

RMA206E

YOU MUST EXPLODE *object_type_1* BEFORE YOU EXPLODE *object_type_2*.

Reason:

You can explode objects at a given level only if you have also exploded objects at its parent level. You cannot skip a level, since the necessary structure could not be successfully created.

RMA207E

YOU MUST EXPLODE TABLES OR VIEWS BEFORE YOU EXPLODE ALIAS/SYNONYM.

Reason:

You can explode objects at a given level only if you have also exploded objects at its parent level. You cannot skip a level, since the necessary structure could not be successfully created.

RMA208I

ALL *utility-model-col_name* UTILITY MODELS EXCLUDED, NO *output-col_name* GENERATED.

Reason:

All the named utility models were excluded in the Model ID selected at the Strategy Analysis Options screen, so there is no output generated with these utilities.

RMA209E

**ALL UNLOAD UTILITY MODELS EXCLUDED, NO UNLOADS GENERATED.
RC/Migrator ANALYSIS TERMINATING.**

Reason:

All utility models that produce unloads were excluded. The analysis is terminating with no unloads.

RMA211I

***model-col_name* MODEL EXCLUDED, NO *output-col_name* GENERATED.**

Reason:

The named utility model was excluded in the Model ID selected at the Strategy Analysis Options screen, so there is no output generated with this utility.

RMA212E

**GLOBAL CHANGE SET *creator-id.change-set-col_name* WAS NOT FOUND.
PLEASE CREATE THE SET OR REMOVE IT FROM THE STRATEGY DEFINITION.**

Reason:

This message identifies the creator and set name of the Global Change set that was entered for this Compare strategy. This set no longer exists, so the strategy must be updated to remove it from the strategy definition.

RMA214E

COPY GROUP *creator-id copy-group-set-col_name* WAS NOT FOUND.

Reason:

This message identifies the creator and set name of the Copy Group set that was entered for this analysis on the Strategy Analysis screen, and informs you that this set name with this creator does not exist in the subsystem that was specified. You can display a selection list of valid Copy Group sets by entering S in the Copy Group field of the Strategy Analysis screen for group migrations.

RMA215E

COPY GROUP *creator-id copy-group-set-col_name* IS NOT SHAREABLE.

Reason:

This Copy Group set was created with a Share Option of N, which means that only the creator can use it. In order to use this set, the Share Option must be Y (all users can view or use the set in a strategy, but only the creator can update it) or U (anyone can view, use, and update the set).

RMA216I

GROUP MIGRATION - MESSAGES BEGINNING FOR COPY-ID *copy-id-name*.

Reason:

This message identifies messages associated exclusively with the Copy-ID indicated. There will be similar messages identifying those associated with each of the Copy-IDs used in this group migration strategy analysis.

RMA217E**GROUP MIGRATION - DDLFILE MUST BE PDS WITHOUT MEMBER.****Reason:**

You entered a sequential data set or a PDS and a member name to hold the output from a group migration. A group migration requires a PDS with no member name. When the analysis is executed, the DDL and BP commands for each Copy-ID in the Copy Group set will be written to separate members of the output PDS. The member names will be the first four characters of the strategy name, followed by the Copy-ID. For example, for a strategy named TESTSTRT, that uses Copy-IDs DB2T and DB2P, the member names will be TESTDB2T and TESTDB2P.

RMA218E**GROUP MIGRATION - DDL FILE ALLOCATION ERROR.****Reason:**

The SVC error information following this message reports on the output data set for a group migration. For a group migration, make sure that the output data set is a PDS with no member specified. This message occurs if you specify a sequential file rather than a PDS.

RMA219I**GROUP MIGRATION - COPY-ID *copy-id* RETURN CODE = *return-code*.**

This message identifies the return code associated only with the Copy-ID indicated. There will be similar messages identifying the return code for each of the Copy-IDs used in this group migration strategy analysis.

RMA220W**PRIMARY KEY ON TABLE *creator-id . table-col_name* DOES NOT|MAY NOT HAVE A MATCHING UNIQUE INDEX.****Reason:**

This warning message informs you that the analysis output does not include an index matching the primary key on the table named.

Note: The message text output with this warning message varies between the use of “**DOES NOT HAVE A MATCHING UNIQUE INDEX**” and “**MAY NOT HAVE A MATCHING UNIQUE INDEX.**” When we are sure that the PRIMARY KEY does not have UNIQUE index, the message text says “**DOES NOT HAVE A MATCHING UNIQUE INDEX**” but if we are not sure if the PRIMARY KEY does or does not have a UNIQUE index, the message text says “**MAY NOT HAVE A MATCHING UNIQUE INDEX.**”

RMA222E

GROUP MIGRATION - ERROR DURING DYNAMIC ALLOCATION - DYNAMIC ALLOCATION MESSAGES FOLLOW:

Reason:

This messages informs you that errors occurred during the dynamic allocation, and that the associated error messages follow.

RMA224E

ANALYSIS SUBTASK ABENDED WITH ERROR CODE: xxxx.

Reason:

The analysis abended with the error code shown. If the error code is x37, the abend was due to running out of space.

RMA225I

**FAST UNLOAD ERROR ON &&xxxxxxx . &&xxxxxxxxxxxxxxxxxxxxx
.CALL UNLOAD USED. FAST UNLOAD ERROR MESSAGES FOLLOW**

Reason:

The user selected a model that calls for CA Fast Unload to be used for unloading the specified table. CA Fast Unload has ended with an error. The CA Fast Unload error message follows this message. Processing continues, attempting to unload the data using the Batch Processor unload facility.

Action:

No action is necessary if the Batch Processor unload works successfully. Otherwise, refer to the CA Fast Unload error messages for more information.

RMA227I

FAST UNLOAD INTERFACE NOT FOUND - .CALL UNLOAD AND IBM LOAD WILL BE USED.

Reason:

Informs you that CA Fast Unload could not be used because it was not found, and that the analysis uses .CALL UNLOAD and IBM LOAD instead.

RMA229W

MODEL SERVICES GENERATED DSN HAS BEEN TRUNCATED TO 44 BYTES: *dataset-name*

Reason:

The utility data set name generated by Model Services was too long, and has been truncated to 44 bytes. The name might have become too long due to symbolic substitution.

RMA231E

ERROR OCCURRED DURING GENERATION OF LOAD CONTROL CARDS FOR TABLE: *creator-id.table-name*.

Reason:

An error occurred during the generation of control cards for loading the table identified in this message.

RMA233W

NO UNLOADS HAVE BEEN GENERATED DURING THIS ANALYSIS.

Reason:

This analysis produced no unload utilities.

RMA234W

AN IN-PLACE MIGRATION HAS BEEN GENERATED WITH THE DROP OBJECTS OPTION SET TO "N".

SQL ERRORS MAY OCCUR.

Reason:

The Drop Objects option on the Strategy Analysis Options screen was set to N (Do not generate DROP DDL statements) for this migration where the source and target subsystems are the same. Since the objects already exist, SQL errors may occur.

RMA236W

THIS ANALYSIS WAS PERFORMED WITH THE LOCAL RI OPTION.

THE COMPLETE REFERENTIAL STRUCTURE MAY NOT BE INCLUDED.

Reason:

You selected the Local (L) RI option for local generation of referential integrity. This means that in your migration no new tables are included to complete referential relationships, but all rules are generated for tables that are included in the migration. Entering the Global (G) option means that any necessary tables will be included to complete all involved referential relationships. Entering an N means you do not want to include referential integrity definitions at analysis time (Table definitions will still include primary key definitions.).

RMA238W

THIS ANALYSIS WAS PERFORMED WITHOUT THE RI CONTROL OPTION.

NO REFERENTIAL RELATIONSHIPS WILL BE GENERATED.

Reason:

You selected N for the RI control option. Entering an N means you do not want to include referential integrity definitions in the analysis. (Table definitions still include primary key definitions.)

RMA240W

NO UNLOAD HAS BEEN GENERATED FOR THE FOLLOWING TABLE:

creator-id.tablename

Reason:

No unload cards were generated for the specified table during this analysis, so no data will be migrated. This warning message is issued for a group migration when you specified N for the All Rows option on both the Strategy Analysis Options screen and the Copy Analysis Options screen for the Copy Group set used with the analysis. Since the Copy Group will allow the migration to multiple DB2 subsystem or to the same subsystem, the warning is issued to protect data integrity. Thus, if both places that can specify whether to migrate data in the tables is set to No, then no data will be migrated.

RMA242W

THE FOLLOWING DATASET DID NOT EXIST AT ANALYSIS TIME: *dataset-name*.

Reason:

The data set identified in this message was entered in the Dataset Name field of the Strategy Analysis screen. It was not found during the analysis.

RMA244W

THE FOLLOWING COLUMN HAS BEEN DEFINED AS NOT NULL UNIQUE BUT WILL CONTAIN A DEFAULT VALUE AT LOAD TIME:

***column-col_name* IN *creator-id* . *table-name*.**

Reason:

This message identifies a column that was added and specified as NOT NULL UNIQUE. CA RC/Migrator does not support this action, so this column will be loaded with a default value.

RMA247W

ANY CHANGES MADE TO THE COLUMNS OF PRIMARY INDEX WILL NOT BE PROPAGATED TO ITS PARENT TABLE.

Reason:

Column changes in the primary index named will not be propagated to its parent table because all changes are propagated from higher to lower levels of the structure. Instead, if you alter the table and change the primary key definition, CA RC/Migrator will automatically alter the index.

This warning message displays whenever a primary index is altered. This message can be ignored if the edits to the index do not include column changes.

RMA250E

THE INPUT ICL FILE CONTAINED ERRORS.

ALL STATEMENTS FOUND IN ERROR WERE BYPASSED.

Reason:

CA RC/Migrator detected errors in the ICL data set that was being used to produce the DDL. These errors were bypassed. You will need to review the ICL data set to correct the errors, then run the ICL-to-DDL analysis again, or correct the omissions directly in the DDL data set.

RMA252I

**NO STATISTICS UPDATE STATEMENTS GENERATED FOR *creator.object-col_name* -
RUNSTATS NOT PRESENT**

Reason:

You requested COPYSTATS, but RUNSTATS have never been generated for this object.

RMA254E

SYNTAX ERRORS WERE FOUND.

PLEASE CHECK OUTPUT DDL FILE FOR MORE INFORMATION ON THE ERRORS.

Reason:

CA RC/Migrator analysis detected potential DDL syntax errors. These errors are noted in the DDL file by DDL0xxx messages adjacent to the object's DDL.

RMA256E

**MODEL REQUESTED NOT FOUND.
MODELID *model-id* CREATOR *creator-id*.**

Reason:

You entered a utility model ID that was not found at analysis time.

Action:

Complete the following steps:

1. Update the strategy with an existing model.
2. Verify that the post-installation DB2 catalog customization task that loads and customizes the model services table has been completed on the DB2 subsystem.

Note: For more information about this customization task, see the *Installation Guide* or *Implementation Guide*.

RMA257E

SUBSTITUTION ERRORS FOR UTILITY-ID *utility-id*.

RC=return-code.

Reason:

CA RC/Migrator detected errors while attempting to perform model substitution. Model substitution is performed when you press Enter with no line commands.

Action:

To avert Model substitution, press END (PF3) immediately after making changes to the data using line commands.

RMA258E

ICL ANALYSIS REQUIRES A .CONTROL SN(CREATOR,NAME) CARD.

Reason:

In order to apply an ICL deck to a subsystem, the first record of the deck must be the following: .CONTROL SN(creator.stratname)

RMA259W

RULESET *creator-id.ruleset-col_name* DOES NOT EXIST.

ORIGINAL RULESET WILL BE USED FOR ANALYSIS.

Reason:

The ruleset you entered at analysis time does not exist. The ruleset name originally entered for the strategy will be used for this analysis.

RMA261W

RULESET *creator-id.ruleset-col_name* IS NOT SHAREABLE.

ORIGINAL RULESET WILL BE USED FOR ANALYSIS.

Reason:

The ruleset you entered at analysis time was created by another user and has a share option of N. Therefore, you cannot use it. The ruleset name originally entered for the strategy will be used for this analysis.

RMA263I

STRATEGY CONTAINS EDITED OBJECTS.

ANALYSIS RULESET WILL NOT AFFECT THOSE OBJECTS.

Reason:

This strategy contains objects edited as a part of the strategy. The analysis ruleset will not be applied to them.

RMA265E

OUTPUT DATASET IS CURRENTLY BEING ACCESSED BY ANOTHER USER

Reason:

Someone else is using the output data set you entered for the analysis.

Action:

Enter another data set name.

RMA266E

AN ERROR HAS OCCURRED TRYING TO DYNAMICALLY ALLOCATE OR READ THE ANALYSIS OUTPUT WORK FILE

Reason:

Due to environmental conditions, the analysis output work file allocation or read has failed.

Action:

Contact your MVS Systems Programmer.

RMA268I

REBINDS REQUESTED FOR MIGRATION STRATEGY.

PLAN/PACKAGE NAMES MAY NOT BE VALID ON TARGET SUBSYSTEM.

Reason:

You requested rebinds for a migration strategy. The rebinds might fail due to name differences on the target subsystem.

RMA270E

REQUESTED DATA QUERY EQF *query-col_name* NOT FOUND

Reason:

CA RC/Migrator could not find the query name you entered in the Where field. You can enter Y in the Where field to create and save a new query, or enter S to select a previously saved query.

RMA271W

**VSAM DATASET FOR *creator-id.col_name* MIGRATED.
INVALID PRIQTY/SECQTY HAS BEEN GENERATED.**

Reason:

The underlying data sets for the object have been migrated. As a result, CA RC/Migrator has generated invalid primary and secondary allocation numbers. These numbers must be correct for the CREATE to succeed.

RMA273E

MODEL SERVICES SPACE CALCULATION SQL ERROR. SQLCODE = *sql-code*.

Reason:

An SQL error occurred during the Model Services space calculation.

RMA274W

COULD NOT FETCH THE HIGH WRITTEN RBA FROM DB2.

ALL PAGES WILL BE READ AND UPDATED TO RESET THE LAST UPDATE RBA.

Reason:

The product could not fetch the high written RBA (Relative Byte Address) from DB2 to accomplish your move. Processing will continue, and the program will read and update all pages to reset the last update RBA.

RMA276E

FOREIGN KEY ON TABLE *creator.table* FOR COLUMNs STARTING WITH *column* CANNOT BE CREATED BECAUSE ITS RELATION NAME IS BLANKS.

Reason:

You are attempting to analyze an old-style strategy that is adding new foreign keys with blank relation names.

Action:

CA RC/Migrator must first build the relation names before the strategy can be successfully analyzed. The following procedure will do this for you:

1. Enter Option 1 on the CA RC/Migrator Main Menu and press Enter.
The Strategy Services panel appears.
2. Locate the strategy that received the RMA276E errors, then enter **U** (for Update).
The Alteration Services panel appears.
3. Locate the object referenced by the RMA276E message as having the blank foreign key and type **E** to select it for edit. You can enter a specific name and/or creator to facilitate this step.
The Table Alter panel appears.
4. Enter **U** (for Update) in the Foreign Key field.
The Table Referential Constraints panel appears.
5. Locate the foreign keys that have blank relation names. Select *each* with an **S**, then press Enter.
The Table Foreign Key Detail screen appears.
6. Press PF3 (or enter END on the command line) until the Table Referential Constraints screen displays. (You will need to enter PF3 for as many times as the number of foreign keys you selected in step 6 on the Table Referential Constraints screen. Each time, the PT671I message informs you that the blank relation name has been replaced with a name that CA RC/Migrator has generated for you.)
7. Repeat the previous steps until all applicable foreign keys have been fixed.
8. Repeat the previous steps for any other applicable objects. When you are through, you can press PF3 repeatedly until you exit Strategy Services.

You can repeat this procedure for any other strategies that create foreign keys with blank relation names.

RMA279W

TABLE *creator.table* CANNOT BE MOVED DUE TO EDITS OR GLOBAL CHANGES.

IT WILL BE UNLOADED AND LOADED.

Reason:

The program cannot move the named table without unloading and loading the data because the strategy involves edits or global changes that would involve object changes. Processing will continue, but the data will be unloaded and loaded.

RMA281W

TABLESPACE *database.tablespace* AND ALL OF ITS DEPENDENTS CANNOT BE MOVED BECAUSE IT RESIDES IN A ROSHARE READER DATABASE.

Reason:

The program cannot move ROSHARE Reader objects.

Action:

You must move the owner copy of this database.

RMA283W

INDEX *creator.index* WILL BE CREATED AS TYPE 2 SINCE IT IS ON A TABLE IN A TABLESPACE WITH LOCKSIZE ROW.

Reason:

The index's table is in a tablespace that has the Locksize parameter set to ROW, so the index must be type 2.

RMA285W

**TABLE *creator.table* CANNOT BE MOVED BECAUSE ITS TABLESPACE IS NOT BEING MOVED OR IT RESIDES IN AN IMPLICIT TABLESPACE.
IT WILL BE UNLOADED AND LOADED.**

Reason:

The program cannot move the named table without unloading and loading the data because its tablespace is not included in the strategy or it is in an implicit tablespace. Processing will continue, but the data will be unloaded and loaded.

RMA288W

TABLESPACE *database.tablespace* AND ALL OF ITS DEPENDENTS CANNOT BE MOVED DUE TO EDIT OR GLOBAL CHANGES.

Reason:

The program cannot move the named tablespace or its dependent objects because the strategy involves edits or global changes that would involve object changes.

RMA290W

INDEX *creator.index* CANNOT BE MOVED BECAUSE ITS PARENT TABLE IS NOT BEING MOVED.

Reason:

The program cannot move the named tablespace because its parent table is not included in the move strategy.

RMA292W

**SSID FOR COPY ID *copy-id* DOES NOT MATCH THE TARGET SSID *ssid*.
ALL CHANGES HAVE BEEN APPLIED TO THE TARGET SSID.**

Reason:

The target DB2 subsystem for an ICL to DDL Group Analysis must be the same for all copies, but the SSID identified in the Copy-ID named is different from the one identified as the target on the ICL to DDL Group Analysis screen. CA RC/Migrator applied all changes in each of the Copy-IDs to the target named on the analysis screen.

RMA294I

GROUP ICL TO DDL APPLY - MESSAGES BEGINNING FOR COPY ID *copy-id*.

Reason:

This message identifies the beginning of the messages generated by the Group ICL to DDL strategy analysis for Copy-ID named.

RMA295E

QUICK MIGRATION ERROR - TABLESPACE *creator.tablespace* DOES NOT EXIST.

MIGRATION TERMINATING.

Reason:

The tablespace named in your Quick Migration was not found. The analysis is terminating.

RMA297W

VCAT INFORMATION NOT AVAILABLE FOR ALL PARTITIONS OF *object-type dbname.col_name* - NO IDCAMS WILL BE GENERATED.

Reason:

VCAT information is not available for all partitions of the index or tablespace named. The number of partitions in the source and target might not be the same.

RMA299E

UNBALANCED PARENTHESES IN FOLLOWING PARM RECORD:

Reason:

There is a missing or extra open or close parenthesis in the parm record.

Action:

Find the unbalanced pair and correct the problem.

RMA300E

INVALID NUMBER OF PARMS SUPPLIED IN PARM LIST ON FOLLOWING PARM RECORD:

There too many or not enough parameters supplied in the parm list for the parm record.

RMA302E

PARM LIST CONTAINS A PARM WITH AN INVALID LENGTH ON FOLLOWING PARM RECORD:

Reason:

The parm list contains a parm that is too many characters or not enough, causing it to be invalid.

RMA304I

THE MANAGED OUTPUT REFERRED TO BY THE PREVIOUS MESSAGE IS:

**SSID=*ssid*, CREATOR=*creator-id*, STRATEGY=*strategy-name*, ANALYSIS USER=*user-id*,
ANALYSIS DATE=*date*, ANALYSIS TIME=*time***

Reason:

The SSID, strategy name, strategy creator, analysis user, analysis date, and analysis time displayed in this message serve to identify the output referenced in the previous message.

RMA308E

THE MANAGED OUTPUT BEING USED AS INPUT ON THIS ICL-TO-DDL ANALYSIS IS IN USE BY ANOTHER USER.

Reason:

The ICL output table you specified as input for the ICL-to-DDL analysis cannot be opened at this time because it is in exclusive use by another user. Try again later.

RMA310E

THE MANAGED OUTPUT BEING USED AS INPUT ON THIS ICL-TO-DDL ANALYSIS IS EMPTY AND CONTAINS NO RECORDS.

Reason:

You specified an ICL output table that is empty. Since it contains no ICL syntax, it cannot be used for the ICL-to-DDL analysis. You might need to do an ICL analysis again for this strategy, to create another analysis output containing the ICL. Then you can specify that analysis output table as input to your ICL-to-DDL analysis.

RMA312E

THE MANAGED OUTPUT BEING USED AS INPUT ON THIS ICL-TO-DDL ANALYSIS CANNOT BE FOUND OR IS NO LONGER EXISTS.

Reason:

CA RC/Migrator could not find the ICL output table you specified as input to the ICL-to-DDL analysis.

RMA314E

THE MANAGED OUTPUT BEING USED AS INPUT ON THIS ICL-TO-DDL ANALYSIS IS CORRUPT AND CANNOT BE READ.

Reason:

The strategy output you have selected is corrupt or malformed in some way that prevents accessing it successfully. This problem can occur because of an internal logic error, or because the data in the managed output table for the specified strategy output is bad.

Action:

Exit CA RC/Migrator and then try to re-access the strategy output. If you still cannot access it, you might need to rerun the analysis to build new output. The old output can then be deleted.

RMA316E

THE MANAGED OUTPUT BEING USED AS INPUT ON THIS ICL-TO-DDL ANALYSIS IS INCOMPLETE.

RECORDS MAY BE MISSING.

Reason:

The strategy output you have selected is incomplete and might have one or more missing records. This situation can occur if there is a system problem that prevents all analysis output records from being successfully written to the output table.

Action:

You can inspect the output to determine whether the missing records are critical to the successful running of the analysis. For example, the missing records might belong to trailer reports that do not affect the integrity of the generated DDL. If, however, the analysis output is not usable, you might need to rerun the analysis to build new output. The old output can then be deleted.

RMA318E

UNEXPECTED RETURN CODE RECEIVED FROM *product*, FUNCTION=function, RC=return-code.

Reason:

CA RC/Migrator encountered a return code that was unexpected or undesirable, or both.

Action:

Report this error to Technical Support. Be prepared to provide additional any diagnostic information that accompanies the error message.

RMA320W

dropping/altering COLUMN *column-col_name* MAY CAUSE AN ERROR IN A CHECK CONSTRAINT ON TABLE *creator.table-name*.

Reason:

Some change has been made to the column named. As a result, it is possible that dropping or altering the column named might cause an error in a check constraint on the table named.

RMA334I

RC/Merger IS BEING TRIALED. TABLESPACES OF OVER 5000 PAGES CANNOT BE MOVED/COPIED, UNLOAD/RELOADS WILL BE GENERATED.

Action:

This error should be reported to Technical Support. Give Technical Support any diagnostic information that accompanies the error message. During an analysis, RC/Merger determined that it was running with a trial password. During trials, RC/Merger limits the size of objects that can be moved/copied to 5000 pages.

RMA342W

RC/Migrator WAS UNABLE TO PARSE CONSTRAINT *constraint name*. A SYNTAX ERROR MAY EXIST IN THIS CHECK CONSTRAINT.

Reason:

CA RC/Migrator was unable to parse the text of the check constraint. The constraint may be invalid or may contain text in columns 73 through 80 of the input file. CA RC/Migrator will process statements within columns one through 72 only.

RMA344E

***object creator.name* CANNOT BE MOVED BECAUSE THE SOURCE AND TARGET VCATS RESIDE IN DIFFERENT ICF CATALOGS. COPY HAS BEEN SUBSTITUTED FOR MOVE.**

Reason:

A MOVE was attempted, however the source and target VSAM data sets are in different ICF catalogs. COPY has been substituted for MOVE.

For MOVE processing, the source and target data sets must be in the same ICF catalog. This is because a move merger renames data sets, where a copy only creates new data sets.

A COPY can be done when the data sets will reside in different ICF catalogs.

RMA347W

TARGET VCATS NOT VERIFIED. EXECUTION WILL REVERT TO COPY IF SRC/TRG VCATS ARE IN DIFFERENT USER CATALOGS. THE COPY MAY FAIL DUE TO SPACE.

Reason:

An attempt was made to determine the VCAT of the target objects, but RC/Merger was unable to reference the DB2 catalog. The analysis therefore could not determine if the user catalogs are the same. When the RC/Merger script is executed, if different VCATS are determined, the execution will automatically revert to a "COPY". It is possible the COPY may fail due to space allocation needs, as the object has been defined with PRIQTY limiting initial space allocations in preparation for the completion of a MOVE.

Action:

None.

RMA349W

RC/MERGER WAS UNABLE TO DETERMINE VCATNAME FOR TARGET STOGROUP OF TABLESPACE ***. *****. DATASET NAMES AND USERCATALOGS MUST BE MANUALLY CHECKED.**

Reason:

The Storage Group associated with the tablespace identified in the message cannot be located in the strategy to determine the Target VCAT name. The VCAT names for these objects must be manually verified as related to the Target SSID.

Action:

Make necessary corrections before resubmitting the RC/Merger output for execution.

RMA357W

NOT APF AUTHORIZED. PROCESSING CONTINUES WITH ALL AUTHORIZED FUNCTIONS DISABLED.

Reason:

If you are not APF authorized, processing continues with all authorized functions disabled. This includes disabling VSAM reads, etc., if they were previously enabled.

RMA365E

RC/Migrator ANALYSIS ABEND HAS OCCURRED.

Reason:

An analysis abend has occurred. A series of RMA365E messages will be issued, providing ABEND diagnostics.

Action:

This error should be reported to Technical Support. Give Technical Support the ABEND diagnostic information provided.

RMA370W

RC/MERGER ANALYSIS HAS DETECTED INDEXSPACE COLLISION FOR INDEX *creator.name*. RC/MERGER MAY NOT BE ABLE TO PROCESS THIS INDEX.

Reason:

There are multiple indexes in the database whose names are non-unique in the first 8 characters, meaning that DB2 has performed name mangling on the INDEXSPACE name. In this situation, RC/Merger will be unable to guarantee that the source data set name and the target data set name will be the same, which will have impact the rename processing of the MERGE data sets.

RMA373W

RC/MERGER-SOURCE AND TARGET VSAM DATASET MAY HAVE SAME NAME FOR *objecttype creator.col_name* COPIES WILL FAIL IF THE DATASETS HAVE THE SAME NAME.

Reason:

This message is issued when it is determined that COPY mode processing was requested without any type of changes to the object name such as DBNAME or NAME. If the target STOGROUP has the same VCAT as the source, the data sets will have the same data set name. In this situation, MOVE, not COPY mode, must be used.

RMA376I

RC/MERGER TYPE 2 TO TYPE 2 INDEX MERGER. RECOVER TABLESPACE INDEX ALL WILL BE GENERATED FOR PARENT TABLESPACE.

This message is issued when the program determines that Source and Target Indexes both will be TYPE 2. RC/Merger will generate a RECOVER TABLESPACE INDEX ALL utility call to correctly build the index pages.

RMA378W

RC/MERGER - SHARE LEVEL "REFERENCE, NO CHECK" HAS BEEN REQUESTED IF SOURCE OBJECTS ARE UPDATED DURING RC/MERGE EXECUTION, DATA MAY BE VALID.

Reason:

This message will be issued when Share Level Reference, Nocheck was requested for Copy processing.

RMA382I

RC/MIGRATOR ANALYSIS PARMFILE CONTENTS

Reason:

None.

RMA383I

(message text)

Reason:

These messages are informational only. No action required.

RMA384W

***creator.table* IS A GLOBAL TEMPORARY TABLE. *utility-col_name* UTILITY WILL FAIL IF RUN FOR THIS TABLE.**

Reason:

The named table is a global temporary table. This utility cannot be run for global temporary tables.

RMA388W

UNABLE TO DETERMINE SSID FOR REMOTE LOCATION DCBDDDB2 SSID ON .CONNECT AND .CALL STATEMENTS WILL NEED TO BE CHECKED.

Reason:

This warning messages indicates that RC/Merger is checking information from the SETUP nn member.

Action:

Check the spelling of member names.

RMA390E

REQUESTED DATA QUERY *name* CONTAINED NULL SQL STATEMENT

Reason:

A problem occurred with the EQF statement that was generated (for example, the statement might not have generated any results). Therefore, the statement could not be used.

Action:

Use the Extended Query Facility (EQF) to edit a query, and select View SQL (to list the EQF statement). Run the statement in the Interactive SQL facility (ISQL) or the IBM SQL Processing Using File Input (SPUFI) facility to test the statement and discover any errors.

Note: For more information about ISQL, see the *Value Pack Reference Guide*. For more information about EQF, see the *General Facilities Reference Guide*.

RMA391E

TABLESPACE *database.tablespace* CONTAINS 1 OR MORE TABLES DROPPED SINCE THE TABLESPACE HAS BEEN REORGED. A REORG IS REQUIRED BEFORE USING RC/MERGER TO MOVE OR COPY THIS TABLESPACE

Reason:

RC/Merger needs the tablespaces cleaned-up in order to move or copy the tablespace. Any structural action against the tablespace that has not been substantiated through a reorganization will affect the use of RC/Merger.

RMA394E

TABLESPACE *database_name* . *tablespace_name* CONTAINS 1 OR MORE TABLES THAT HAVE BEEN CHANGED BY A VERSION CREATING ALTER SINCE THE LAST REORG. A REORG WILL BE REQUIRED BEFORE USING RC/MERGER TO MOVE OR COPY THIS TABLESPACE.'

Reason:

One of the tables in this tablespace has been changed with an ALTER ADD *column_definition*. RC/Merger could not find evidence of a REORG of the complete tablespace since the alteration occurred.

This could be the result of any of the following:

- Use of a third-party REORG utility, which might not update SYSIBM.SYSCOPY for the REORG
- Use of a third-party MODIFY RECOVERY utility, which might not reset the DBD entry for tables in an affected tablespace to indicate they have been reorganized to the most current state
- Not having the RTS tables available

Action:

Perform the appropriate action:

- If you know that a REORG has been done on the entire tablespace since the last version-creating alteration to one of its tables, submit the RC/Merger analysis output for execution.
- If you do not know whether a REORG has been done, run a REORG on the entire tablespace prior to submitting the merger analysis output for execution, to ensure that the target tablespace will be available after the copy or move.

RMA401W

THE REORG UTILITY HAS NOT BEEN REQUESTED. ALTERATIONS TO *object-type object-creator/database-name.object-col_name* MAY NOT BE GENERATED. A REORG IS REQUIRED FOR ALTERATIONS TO TAKE EFFECT.

Reason:

Where *object-type* will be TABLESPACE or INDEX *object-creator* will be the CREATOR of the selected index, *database-name* will be the DATABASE that contains the selected tablespace and *object-name* will be the name of the index or tablespace.

This error message will be issued if an alteration to an object requires a REORG to be completed and the user has not selected the REORG as an analysis option.

RMA406W

A VSAM DATASET FOR *creator/database.object-col_name* WAS NOT FOUND.

Reason:

Where creator is the creator of the object (for indexes), database is the name of the database that the object exists in (for tablespaces) and object-name is the name of the object.

This error appears if the underlying VSAM data set for a user-managed object is not found.

RMA414W

A CHANGE TO THE FOLLOWING TABLE *table_name* MAY CAUSE AN ERROR IN REFERRING TRIGGER *trigger name*

Reason:

The table named in this message has changed and may cause an error in the trigger source record named in this message.

Action:

This is a warning message only and no further action is required.

RMA439E

LOCATE in RMA DDLM returned a non-zero return code for TABLESPACE *DLHE.SPARTL*.

Reason:

Indicates a locate failure on catalog access. Specifically, it indicates an SVC 26 locate failure to identify data sets associated with the object in question.

RMA444W

ICL CREATE of "object type" object "*creator.object*" ignored because the object already exists.

Reason:

The ICL CREATE object already exists.

Action:

The object is not created.

RMA448W

**THIS ANALYSIS WAS PERFORMED WITHOUT THE LOB OBJECTS OPTION.
TABLES CREATED CONTAINING LOB COLUMNS MAY BE MARKED INCOMPLETE.**

Action:

None.

RMA450W

**TABLE &&xXXXXXXX . &&xXXXXXXXXXXXXXXXXXX HAS DROPPED A LOB COLUMN
AUXILIARY TABLES AND INDEXES REFERENCING THIS COLUMN WILL NOT BE
RECREATED.**

Reason:

A table containing a LOB column has been altered to no longer contain the base LOB column. Associated auxiliary tables and indexes referencing this column will not be created in this analysis.

Action:

This is a warning message only. No action is required.

RMA453W

**DROP OF &&xXXXXXXXXXX &&xXXXXXXX . &&xXXXXXXXXXXXXXXXXXX WILL FAIL IF THE
BASE OBJECT IS POPULATED. IF SUCCESSFULLY EXECUTED, BASE OBJECT WILL BE
MARKED INCOMPLETE.**

Reason:

An explicit drop for a LOB object (LOB table space, auxiliary table or index) has been requested. This request will fail if the base object referencing these LOB objects is populated with data. If the drop is executed the base table will be marked incomplete by DB2.

Action:

This is a warning message only. You should verify that the base object is not populated. If it is not, the drop of these LOB objects will not impact the base object.

RMA477E

COLUMNS *column* AND *column* IN TABLE *table* CONSTRAINT (PRIMARY KEY) HAVE DUPLICATE KEY SEQUENCE VALUES. THE CONSTRAINT CAN NOT BE CREATED.

Reason:

CA RC/Migrator ensures that, when all the columns in a constraint have been processed, no two columns have the same sequence number. This message indicates that the check found duplicate numbers. This is typically an internal error.

RMA484W

**DROP CONSTRAINT FOR INDEX *xxxx.xxxxxxx*
CAN NOT BE DONE AS THE CONSTRAINT CANNOT BE FOUND**

Reason:

CA RC/Migrator cannot find the constraint for the index that is being dropped.

Action:

Manually remove any constraints prior to analyzing this strategy.

RMA493W

&&*xxxxxxxxxx* &&*xxxxxxx* . &&*xxxxxxxxxxxxxxxxxxxxxx* IS NOT SUPPORTED BY RC/MERGER.

ANALYSIS OUTPUT CANNOT BE EXECUTED SUCCESSFULLY.

Reason:

The specified LOB object has been discovered in a merger analysis. These types of objects are not supported by RC/Merger.

This is a warning message. Merge analysis continues although it cannot be successful due to the LOB objects.

RMA495E

Model utility member &&XXXXXXX is not present and must be loaded. See the "LOAD AND CUSTOMIZE THE MODEL SERVICES TABLE" step within option #6 - Execute DB2 Tasks in CAI DB2 Tools Installation.

Reason:

CA Fast Unload was requested for this analysis via the model specified in the analysis options. Fast Unload failed and the required model utility member to be used as a substitute has not been loaded into the model. The analysis ends.

Action:

Make sure the proper model is specified in the analysis options. If this is the correct model it must be updated to contain the named utility member. For more information model definitions, see the *Implementation Guide*.

RMA498W

A LOAD FOR TABLE &&XXXXXXX . &&XXXXXXXXXXXXXXXXXXXXX WITH COLUMN &&XXXXXXXXXXXXXXXXXXXXX WILL FAIL IF THE TABLE IS POPULATED.

RMA502W

TABLE &&XXXXXXX . &&XXXXXXXXXXXXXXXXXXXXX HAS A &&XXXXXXX CONSTRAINT &&XXXXXXXXXXXXXXXXXXXXX THAT RCM DOES NOT CURRENTLY SUPPORT. THIS NAMED CONSTRAINT WILL NOT APPEAR IN THE CREATE TABLE DDL.

Reason:

A named constraint was found for the specified table. This is not supported by the product. The analysis will continue and the named constraint will not be carried forward with any generated DDL.

This is a warning message but the table will not contain the named constraint if the analysis output is executed.

RMA506W

TABLE &&xXXXXXXX . &&xXXXXXXXXXXXXXXXXXXXXX REQUIRES A DEFAULT CONSTRAINT THAT COULD NOT BE CREATED CORRECTLY USING DB2 RULES. CONSTRAINT &&xXXXXXXX HAS BEEN CREATED.

Reason:

The specified table requires a default constraint be generated. CA RC/Migrator has determined that a duplicate constraint name exists if DB2 is allowed to generate the name. Therefore, CA RC/Migrator has generated a unique new constraint name.

Action:

This message is a warning only. We recommend that you determine why this duplicate constraint exists.

RMA509W

TABLE &&xXXXXXXX . &&xXXXXXXXXXXXXXXXXXXXXX WITH CONSTRAINT &&xXXXXXXXXXXXXXXXXXXXXX HAS OVERRIDEN A CHANGE TO INDEX &&xXXXXXXX . &&xXXXXXXXXXXXXXXXXXXXXX AND INDEX COLUMN &&xXXXXXXXXXXXXXXXXXXXXX.

Reason:

An attempt was being made to alter an index by adding a new column, however, the column was not found in the constraint. The result is the index change is ignored.

Action:

This is a warning message only. You can modify the index so as to match the constraint to avoid the change to the index being ignored.

RMA517W

INTERNAL MIGRATOR ANALYSIS ERROR:

**CSECT &&xXXXXXXX CODE &&xXXX PROCESSING &&xXXXXXXX .
&&xXXXXXXXXXXXXXXXXXXXXX**

Reason:

This message is used throughout analysis processing. A situation has occurred that should not be possible. The CSECT, CODE, and PROCESSING values will help Technical Support isolate the problem.

This is a warning message. Processing continues.

RMA519E

MVS TOKEN SERVICES INIT ERROR IN RMA@MAIN. CONTACT CA SUPPORT.

Reason:

CA RC/Migrator was attempting to establish a token for internal tracking purposes. It was unable to establish the initial token for processing. CA RC/Migrator terminates.

Action:

Retry the function again. If the problem continues, contact Technical Support.

RMA520E

UNABLE TO LOAD RMLZVSM IN RMA@MAIN, CONTACT CA SUPPORT

Reason:

Load module RMLZVSM was unable to be loaded. This routine is used during internal tracking only. As a result, Initialization is unable to continue.

Action:

Ensure the PTILIB data set contains load module RMLZVSB.

RMA521E

UNABLE TO LOAD RMLZSUBR IN RMA@MAIN, CONTACT CA SUPPORT.

Reason:

The RMLZSUBR load module was unable to be loaded. As a result, initialization is unable to continue. This routine is used during internal tracking only.

Action:

Ensure that the PTILIB data set contains the RMLZSUBR load module.

RMA522E

MVS GETMAIN ERROR IN RMA@MAIN. CONTACT CA SUPPORT

Reason:

An attempt to obtain storage has failed. Initialization of CA RC/Migrator terminates.

Action:

Ensure enough storage is available to the CA RC/Migrator task.

RMA523W

**RI KEY CHANGE PROPAGATION BETWEEN PARENT TABLE
&&XXXXXXXXXXXXXXXXXXXXXXXXXXXXX AND DEPENDENT TABLE
&&XXXXXXXXXXXXXXXXXXXXXXXXXXXXX HAS BEEN MADE BY SELECTING A
DEPENDENT TABLE COLUMN WHOSE ATTRIBUTES MATCHED THAT OF THE ADDED
PARENT COLUMN.**

PLEASE VERIFY FOR CORRECTNESS.

Reason:

A foreign key is being changed due to a parent table column change. No dependent table column matched the new parent table column. As a result, a field with the same attributes was chosen. This is a warning to verify that the dependent table column chosen is correct for this RI structure.

Action:

Verify that the correct column was chosen for the dependent table.

RMA528E

LOCATE SORT error in &&xXXXXXXXX, invalid dataset format in DSN =
&&xXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX and object
&&xXXXXXXXX &&xXXXXXXXX, &&xXXXXXXXXXXXXXXXXXXXX.

Reason:

RC/Merger uncovered an error while sorting the partition data set names. An invalid data set format was uncovered.

Action:

Ensure all data set names are valid and will sort according to partition position.

RMA531E

LOCATE SORT error in &&xXXXXXXX , duplicate Annn numbers in DSN = &&xXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX and object &&xXXXXXXXX &&xXXXXXXX . &&xXXXXXXXXXXXXXXXXXXXX .

Reason:

RC/Merger uncovered an error while sorting the partition data set names. Duplicate *Annnn* entries were found in the list for this tablespace.

Action:

Ensure that all data set names are valid and will sort according to partition position.

RMA534E

**LOCATE SORT error in &&XXXXXXX , Annn number exceeds max in DSN =
&&XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX and
DSN = &&XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX and**

Reason:

RC/Merger uncovered an error while sorting the partition data set names. The *Annn* number of one of the data sets exceeds the maximum partition number for the table space.

Action:

Ensure that all data set names are valid and will sort according to partition position.

RMA541E

**RMA@DBDS unable to find dataset in the catalog using I/J 0001.
DSN = &&XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX**

Reason:

RC/Merger was unable to find the specified data set. Processing stops.

Action:

Verify that the data set name follows DB2 naming rules for the table space being merged.

RMA545W

One or more columns of table %creator%.%tablename% have lost their MIXED attribute, due to creation on a system that doesn't permit MIXED DATA in a non-UNICODE table.

Reason:

One or more columns of a table that is being DROPPed and recreated was originally defined as FOR MIXED DATA, and will be created without this clause.

The table is:

- Being recreated with a non-UNICODE encoding scheme (CCSID) on a subsystem that has NO specified for the MIXED DATA field on installation panel DSNTIPF, *or*
- Being changed from a unicode encoding scheme to a non-UNICODE encoding scheme on a subsystem that has NO specified for the MIXED DATA field on installation panel DSNTIPF, *or*
- Defined with a unicode encoding scheme and is being recreated on a subsystem that does not support unicode encoding (V6 or before).

Action:

If the column is to be FOR MIXED DATA, verify that the MIXED DATA field on installation panel DSNTIPF is set to YES, or the table is being created with the UNICODE encoding scheme (CCSID). Also make sure that the LOADLIBS (...) parameter for the target SSID is specified correctly in the SETUPxx member in CDBAPARM.

RMA548W

One or more columns of table &&XXXXXXX . &&XXXXXXXXXXXXXXXXXX have MIXED attribute in source ddl comparing to a subsystem that does not permit MIXED DATA in a non-UNICODE table. System default will be substituted for this column attribute.

Reason:

This is a warning message. Note the reason for the change to the column attribute. No further action required.

RMA590W

YOU HAVE SPECIFIED VSAM FOR DB2 SUBSYSTEM xxxx IN THE MIGRATOR PARMLIB MEMBER. THERE IS CURRENTLY NO VSAM SUPPORT FOR DB2 V8 AND HIGHER. CATALOG READ HAS BEEN SUBSTITUTED.

Reason:

DB2 V8 NFM catalog information is retained in UTF8 unicode and direct reads of the underlying VSAM data sets do not return meaningful data to the EBCDIC bound CA RC/Migrator application. For V8 and higher, the VSAM read option has been substituted with normal catalog reads.

Action:

None.

RMA593W

DATA LOSS POSSIBLE DURING LOAD DUE TO COLUMN TYPE CHANGES IN TABLE *table_creator.table_name*

Reason:

The referenced table has been changed in a way that might cause data loss. A common cause is a result column being shorter than the original column (which might truncate the original data when it is reloaded).

Action:

Ensure the definition of the result table is correct. Additionally, ensure the data in the original column is not longer than the result column's length, or verify that you do not need the data that will be truncated.

RMA595W

One or more columns of table &&xxxxxxx . &&xxxxxxxxxxxxxxxx have MIXED attribute in source ddl comparing to a subsystem that does not permit MIXED DATA in a non-UNICODE table. System default will be substituted for this column attribute.

Action:

None.

RMA599I

CA RC/Migrator HAS IDENTIFIED ONE OR MORE OBJECTS IN THE SUBSYSTEM WHICH CONTAIN FEATURES NOT CURRENTLY SUPPORTED. MESSAGES FOR EACH OF THE OBJECTS THE PRODUCT CANNOT PROCESS HAVE BEEN DIRECTED TO OUTPUT DD RCMTOLR.

Reason:

During every strategy analysis, CA RC/Migrator reads the DB2 catalog into storage. Checks are provided for DB2 features that are not currently supported. When these features are found, warning messages are directed to a separate output DD, named RCMTOLR.

If you do not want to use RCMTOLR, you can disable RCMTOLR creation by customizing the MIGRATOR parmlib member. However, we *strongly* recommend using RCMTOLR and checking for warning messages generated by the analysis before executing a strategy.

Note: For complete information about customizing the MIGRATOR member, see the *Implementation Guide*.

Action:

CA RC/Migrator will dynamically allocate a data set for RCMTOLR. Alternatively, if you are running batch analysis, you can allocate the RCMTOLR sequential data set (where the warning messages are output) by adding the following step prior to the analyze step:

```
//ALLOBJ EXEC PGM=IEFBR14
//ALLOC DD DSN=your.dataset.name,DISP=(NEW,KEEP),UNIT=SYSDA,
// SPACE=(CYL,(1,1,0)),DCB=(DSORG=PS,RECFM=FB,LRECL=80)
```

In addition to the above, the following DD statement needs to be added to the analyze step:

```
//RCMTOLR DD DISP=SHR,DSN=your.dataset.name
```

RMA603W

OBJECT TYPE ?????????? WITH CREATOR: object creator NAME: object name CANNOT BE PROCESSED DUE TO FIELD " field name " LENGTH OVERFLOW. V8 LONG NAMES NOT YET SUPPORTED BY CA RC/Migrator.

Reason:

Indicates that the cited OBJECT TYPE contains a “field name” with a length greater than what CA RC/Migrator currently supports. CA RC/Migrator will not process this object.

Because CA RC/Migrator will issue a warning message for every DB2 object it does not read into storage, the resulting warning messages are directed to a separate output DD, named RCMTOLR.

Action:

CA RC/Migrator will dynamically allocate a data set for RCMTOLR with the following naming convention:

userid.RCM56XW.Dyyyyddd.jobname.jobid

userid

Specifies the user id of the TSO session that processes or submits the analysis.

RCM56XW

Specifies a fixed character value.

Dyyyyddd

Indicates a date stamp with year and Julian day. For example, 2004113.

jobname

Specifies the jobname for batch analysis or *userid* for online analysis.

jobid

Specifies the JES assigned jobid for batch execution. For online execution, the jobid assigned to the TSO session.

Alternately, if you are running batch analysis, you can allocate the RCMTOLR sequential data set (where the warning messages are output) by adding the following step prior to the analyze step:

```
//ALLOBJ EXEC PGM=IEFBR14
```

```
//ALLOC DD DSN=your.dataset.name,DISP=(NEW,KEEP),UNIT=SYSDA,
```

```
// SPACE=(CYL,(1,1,0)),DCB=(DSORG=PS,RECFM=FB,LRECL=80)
```

In addition to the above, the following DD statement needs to be added to the analyze step:

```
//RCMTOLR DD DISP=SHR,DSN=your.dataset.name
```

RMA608W

OBJECT TYPE ?????????? WITH CREATOR: *object creator* NAME: *object name* CANNOT BE PROCESSED, NEW FEATURE "*feature name*" NOT YET SUPPORTED BY CA RC/Migrator.

Reason:

The cited object type contains features that are not currently supported by CA RC/Migrator.

This message is issued as a warning that objects in the subsystem (that are not in the strategy) have attributes that CA RC/Migrator does not support yet. Because CA RC/Migrator will issue a warning message for every DB2 object it does not read into storage, the resulting warning messages are directed to a separate output DD, named RCMTOLR.

If you do not want to use RCMTOLR, you can disable RCMTOLR creation by customizing the MIGRATOR parmlib member. However, we *strongly* recommend using RCMTOLR and checking for warning messages generated by the analysis before executing a strategy.

Note: For complete information about customizing the MIGRATOR member, see the *Implementation Guide*.

Action:

CA RC/Migrator will dynamically allocate a data set for RCMTOLR.

Alternatively, if you are running batch analysis, you can allocate the RCMTOLR sequential data set (where the warning messages are output) by adding the following step prior to the analyze step:

```
//ALLOBJ EXEC PGM=IEFBR14
//ALLOC DD DSN=your.dataset.name,DISP=(NEW,KEEP),UNIT=SYSDA,
// SPACE=(CYL,(1,1,0)),DCB=(DSORG=PS,RECFM=FB,LRECL=80)
```

In addition to the above, the following DD statement needs to be added to the analyze step:

```
//RCMTOLR DD DISP=SHR,DSN=your.dataset.name
```

RMA612W

OBJECT TYPE ?????????? WITH CREATOR: object creator NAME: object name WILL BE PROCESSED, BUT HAVE NO OUTPUT GENERATED DUE TO FIELD “field name” LENGTH OVERFLOW. V8 LONG NAMES NOT YET SUPPORTED BY CA RC/Migrator.

Reason:

Indicates that the cited OBJECT TYPE contains a “field name” with a length greater than what CA RC/Migrator currently supports.

Because CA RC/Migrator will issue a warning message for every DB2 object it does not read into storage, the resulting warning messages are directed to a separate output DD, named RCMTOLR.

Action:

CA RC/Migrator will dynamically allocate a data set for RCMTOLR with the following naming convention:

userid.RCM56XW.Dyyyyddd.jobname.jobid

userid

Specifies the user id of the TSO session that processes or submits the analysis.

RCM56XW

Specifies a fixed character value.

Dyyyyddd

Indicates a date stamp with year and Julian day. For example, 2004113.

jobname

Specifies the jobname for batch analysis or *userid* for online analysis.

jobid

Specifies the JES assigned jobid for batch execution. For online execution, the jobid assigned to the TSO session.

Alternately, if you are running batch analysis, you can allocate the RCMTOLR sequential data set (where the warning messages are output) by adding the following step prior to the analyze step:

```
//ALLOBJ EXEC PGM=IEFBR14
//ALLOC DD DSN=your.dataset.name,DISP=(NEW,KEEP),UNIT=SYSDA,
// SPACE=(CYL,(1,1,0)),DCB=(DSORG=PS,RECFM=FB,LRECL=80)
```

In addition to the above, the following DD statement needs to be added to the analyze step:

```
//RCMTOLR DD DISP=SHR,DSN=your.dataset.name
```

RMA617W

OBJECT TYPE ?????????? WITH CREATOR: object creator NAME: object name HAS COLLIDED WITH OBJECT object creator.object name

Reason:

Indicates that an object read from the catalog has a truncated creator/name pair that exactly matches that of another object.

If this object is later determined to be required in the analysis then message RMA578E will be issued. If this object is not related to this strategy then the analysis continues.

Because CA RC/Migrator will issue a warning message for every DB2 object it does not read into storage, the resulting warning messages are directed to a separate output DD, named RCMTOLR.

Action:

CA RC/Migrator will dynamically allocate a data set for RCMTOLR with the following naming convention:

userid.RCM56XW.Dyyyyddd.jobname.jobid

userid

Specifies the user id of the TSO session that processes or submits the analysis.

RCM56XW

Specifies a fixed character value.

Dyyyyddd

Indicates a date stamp with year and Julian day. For example, 2004113.

jobname

Specifies the jobname for batch analysis or *userid* for online analysis.

jobid

Specifies the JES assigned jobid for batch execution. For online execution, the jobid assigned to the TSO session.

Alternately, if you are running batch analysis, you can allocate the RCMTOLR sequential data set (where the warning messages are output) by adding the following step prior to the analyze step:

```
//ALLOBJ EXEC PGM=IEFBR14
//ALLOC DD DSN=your.dataset.name,DISP=(NEW,KEEP),UNIT=SYSDA,
// SPACE=(CYL,(1,1,0)),DCB=(DSORG=PS,RECFM=FB,LRECL=80)
```

In addition to the above, the following DD statement needs to be added to the analyze step:

```
//RCMTOLR DD DISP=SHR,DSN=your.dataset.name
```


RMA620E

***object type obj creator. obj name* CONTAINED IN THE ANALYSIS OUTPUT CANNOT BE PROCESSED. FEATURES NOT YET SUPPORTED BY CA RC/Migrator. DDL MAY BE INVALID, THIS TERMINATES THE ANALYSIS.**

Reason:

The strategy contains an object that has unsupported attributes. CA RC/Migrator does not currently have support for some features and, therefore, the DDL may be invalid. The analysis will end with RC=8.

Action:

Remove the identified object from the strategy.

RMA624I

THE DB2 V8 RELATED MESSAGES PROVIDED ARE FOR THE TARGET SSID.

Reason:

This message is output when a type 1 compare strategy (SSID-SSID) is being analyzed for 2 different SSIDs.

RMA625I

THE DB2 V8 RELATED MESSAGES PROVIDED ARE FOR THE SOURCE SSID.

Reason:

This message is output when a type 1 compare strategy (SSID-SSID) is being analyzed for 2 different SSIDs.

RMA626W

COLUMN column name IN TABLE obj creator. obj name HAS BEEN TRUNCATED V8 LONG COLUMN NAMES NOT YET SUPPORTED BY CA RC/Migrator.

Reason:

This message is output when a table column is longer than 18 characters in length. It is issued for each occurrence of a long column name.

Because CA RC/Migrator will issue a warning message for every DB2 object it does not read into storage, the resulting warning messages are directed to a separate output DD, named RCMTOLR.

Action:

CA RC/Migrator will dynamically allocate a data set for RCMTOLR with the following naming convention:

userid.RCM56XW.Dyyyyddd.jobname.jobid

userid

Specifies the user id of the TSO session that processes or submits the analysis.

RCM56XW

Specifies a fixed character value.

Dyyyyddd

Indicates a date stamp with year and Julian day. For example, 2004113.

jobname

Specifies the jobname for batch analysis or *userid* for online analysis.

jobid

Specifies the JES assigned jobid for batch execution. For online execution, the jobid assigned to the TSO session.

Alternately, if you are running batch analysis, you can allocate the RCMTOLR sequential data set (where the warning messages are output) by adding the following step prior to the analyze step:

```
//ALLOBJ EXEC PGM=IEFBR14
//ALLOC DD DSN=your.dataset.name,DISP=(NEW,KEEP),UNIT=SYSDA,
// SPACE=(CYL,(1,1,0)),DCB=(DSORG=PS,RECFM=FB,LRECL=80)
```

In addition to the above, the following DD statement needs to be added to the analyze step:

```
//RCMTOLR DD DISP=SHR,DSN=your.dataset.name
```

RMA630W

THE RECOVER INDEX UTILITY HAS NOT BEEN REQUESTED. THE INDEX &&XXXXXXX . &&XXXXXXXXXXXXXXXXXXXXX WILL BE PLACED IN A REBUILD PENDING STATUS. PLEASE RE-ANALYZE WITH RECOVER INDEX OPTION OR RUN REBUILD INDEX UTILITY AFTER EXECUTING THE ANALYSIS.

Reason:

Indicates that the strategy has been analyzed without using the RECOVER INDEX option. Executing the analysis output will place the INDEX in REBUILD PENDING status.

Action:

Reanalyze with the RECOVER INDEX option or run REBUILD INDEX utility after executing the analysis.

RMA635W

TABLE ????????.?????????????????? IS BEING DEFINED IN AN AS TEMP DATABASE, ????????

Reason:

Table DDL is being produced for a table defined in an AS TEMP database.

Action:

This is a warning message and the analysis continues. The DDL for the table is generated for you. Before continuing, you should determine what needs be done with the table definition.

RMA643W

VIEW &&xXXXXXXX . &&xXXXXXXXXXXXXXXXXXXXXX REFERENCES THE COLUMNS OF A PARENT TABLE/VIEW WITH A SELECT * AND SPECIFIES A VIEW COLUMN LIST.

NEW COLUMN(S) HAVE BEEN ADDED TO THE PARENT OBJECT(S). MANUAL COLUMN PROPAGATION INTO THE VIEW'S COLUMN LIST MAY BE REQUIRED.

Reason:

CA RC/Migrator detected that the specified VIEW has a VIEW column list and references a parent with a "SELECT *" that has had additional columns added.

Action:

Because CA RC/Migrator does not propagate new columns into the VIEW, you may need to edit the generated DDL of the specified VIEW to add the additional columns.

RMA648W

Index &&XXXXXXXX . &&XXXXXXXXXXXXXXXXXXXX has multiple versions. A REBUILD INDEX will be generated to run after the index has been moved/copied.

Reason:

The index named in this message has been found to consist of multiple versions. This is usually due to a key column being altered. The definition of the index in the target directory page will not match the definition in the target DBD, causing inserts to the target base table to fail. RUNSTATS will also be affected by this.

To alleviate this situation, RC/Merger will generate a REBUILD INDEX in the analysis output. Alternatively, the index could be DROPPed and reCREATED on the source subsystem, and another analysis could be run.

RMA654W

Index <creator>.<index-name> is a parted index with a key sequence change. Changes will not be propagated to the Limit Key Values. User verification is recommended.

Reason:

The identified index was altered modifying the sequence of the key columns, but at least one limit key value was not altered. The VALUES clause of the Partitioning Index needs to be verified and modified prior to running.

RMA657W

ONE OR MORE COLUMNS ON VIEW <Creator>.<View name> REFERENCE COLUMNS ON TABLE <Creator>.<Table name> WHICH DO NOT EXIST. PLEASE VERIFY REFERENCED COLUMNS.

Reason:

The message identified that modification of reference table column or view table column are detected.

RMA665W

Check constraint &&XXXXXXXXXXXXXXXXXXXX same as another constraint which already exists on table &&XXXXXXX. &&XXXXXXXXXXXXXXXXXXXX. Check constraint name will be generated on execution time by DB2.

Reason:

The check constraint name used on this table is the same as the referential constraint name or unique constraint name.

Action:

No action is required. When this script is executed, DB2 will generate the check constraint name.

RMA668E

Check constraint &&XXXXXXXXXXXXXXXXXXXX same as another constraint which already exists on table &&XXXXXXX . &&XXXXXXXXXXXXXXXXXXXX.

Reason:

The specified check constraint name already exists as a constraint name on this table.

Action:

Specify a name that does not conflict with an existing name.

RMA670W

The Table Constraint could not be located for the parent TABLE:
XXXXXXXXXXXXXXXXXXXX , incomplete validation of the Foreign Key Relationship XXXXXXXX on child TABLE XXXXXXXX.XXXXXXXXXXXXXXXXXXXXX.

Reason:

When using RC/Compare to compare a single table in a DDL-to-DDL strategy, including the parent tables in the incoming DDL is not sufficient. If any related parent tables are not participating in the strategy, message RMA670W may be issued during the analysis.

Action:

Include the parent table(s) in the strategy, including any related constraint definitions (for example, PRIMARY KEY or UNIQUE). If the child table is the primary object of the comparison, add parents as additional primary objects.

RMA674W

Model Services: *source_of_statistics* statistics were not found for all TABLEs in TABLESPACE *dbname.tsname*. Dataset space allocations may not be large enough.

Reason:

To accurately estimate data set space allocations, CA RC/Migrator Model Services needs statistics about the base tablespace and tables within that tablespace.

Action:

Statistics were found for the named tablespace, using the specified source (PDA or RUNSTATS), but statistics could not be found for all tables in the tablespace. If the data set space allocation is not sufficient, generate the appropriate statistics for all tables in the tablespace, and then reanalyze the strategy.

RMA677W

Model Services: Complete *source_of_statistics* statistics were not found for all LOB columns in TABLE *creator.table_name*.

Dataset space allocations may not be large enough.

Reason:

To accurately estimate data set space allocations, CA RC/Migrator Model Services needs statistics about the base table and LOB columns in the table.

Action:

Statistics were found for the named table, using the specified source (PDA, RUNSTATS, or IDCAMS), but statistics could not be found for all required LOB columns. If the data set space allocation is not sufficient, generate the appropriate statistics, or verify that the LOB tablespace data set is available (not migrated) for all LOB tablespaces that contain data for the LOB column(s). Then reanalyze the strategy.

RMA680W

All data for rotated partition(s) will be deleted.

Reason:

The generated ALTER TABLE ROTATE PARTITION FIRST TO LAST statement will cause all data in the rotated partitions to be deleted by DB2.

Action:

Before executing the analysis output, ensure that there will be no unintentional loss of data.

RMA681W

Data for rotated partition(s) will NOT be deleted because the object is being dropped and re-created.

Reason:

Changes to the table-controlled partitioning table indicate that rotating a partition from first to last is required, but other changes or analysis options require that the table be dropped and recreated. During a partition rotation, DB2 would delete all rows in the rotated partitions, but because the table is being dropped and recreated, the data will not be deleted.

Action:

Before executing the analysis output, delete the data from the partitions that would have been rotated, if so desired.

RMA683E

RC/Merger cannot be used against a tablespace that has been rotated

Reason:

RC/Merger does not support moving or copying a tablespace that has been rotated.

Action:

None.

RMA685W

No TYPE 2 partitioning index was defined for the table being converted from table-controlled partitioning to index-controlled partitioning. A TYPE P clustering index was found and will be converted to a TYPE 2 partitioning index.

Reason:

A table-controlled partitioning table is being converted to an index-controlled partitioning table, which requires a partitioned type 2 clustering index to be created. The strategy did not include this type of clustering index for the table. Therefore, a type P clustering index was found and is being converted to a type 2 clustering index.

Action:

None.

RMA689E

One or more TYPE P or D (DPSI) indexes are defined against a table that will be converted from table-controlled partitioning to index-controlled partitioning. These are not automatically converted to TYPE 2 non-partitioned indexes and execution of this DDL may fail.

Reason:

A table-controlled partitioning table is being converted to an index-controlled partitioning table. An index-controlled partitioning table can have only one partitioned index, which must be a type 2 clustering index. Multiple partitioned indexes were found, and CA RC/Migrator does not automatically convert them to type 2 non-partitioned indexes. Execution of the DDL for these additional partitioned indexes will fail.

Action:

In the strategy, edit the indexes to make them type 2, non-partitioned, non-clustering indexes; or drop the indexes.

RMA694I

Partitions were added to *<object_type> <qualifier>.<name>* using the attributes of the previous logical partition to match the number of partitions specified for the table.

Reason:

More partitions exist for a table-controlled partitioning table than exist for the associated tablespace or index.

object_type

Identifies the object (tablespace or index).

qualifier

Identifies the database name for a tablespace and creator for an index.

name

Identifies the tablespace or index name.

CA RC/Migrator has added the additional partitions to the specified object using the attributes of the previous logical partition (PRIQTY, SECQTY, and so on). This logic provides the same result as if DB2 would have implicitly created the new partitions through an ALTER TABLE ADD PARTITION statement.

Action:

If you want different attributes, update the strategy by editing the object and adding the partitions with the desired attributes.

RMA698I

Partitions were deleted from *<object_type> <qualifier>.<name>* to match the number of partitions specified for the table.

Reason:

Fewer partitions exist for a table-controlled partitioning table than exist for the associated tablespace or index.

object_type

Identifies the object (tablespace or index).

qualifier

Identifies the database name for a tablespace and creator for an index.

name

Identifies the tablespace or index name.

CA RC/Migrator has removed the corresponding partitions from the tablespace or index so that the number of partitions matches the number of partitions for the table.

Action:

None.

RMA701W

TABLE *creator.name* will be converted to index-controlled partitioning because the target subsystem is DB2 V7.

Reason:

If you migrate a table-controlled partitioning table to a DB2 V7 subsystem, the table is converted to use index-controlled partitioning.

Action:

None.

RMA704W

The NOT PADDED attribute is ignored for index Creator.IndexName because the targeted subsystem doesn't support NOT PADDED.

Reason:

An attempt was made to change an index from PADDED to NOT PADDED. However, the targeted subsystem does not support NOT PADDED because the subsystem is not running DB2 V8 New Function Mode (NFM) or later. The index will be PADDED on the targeted subsystem.

Action:

No further action is required.

RMA707W

The index Creator.IndexName is being changed from NOT PADDED to PADDED. The targeted subsystem doesn't support NOT PADDED.

Reason:

An index that is NOT PADDED is being targeted at a subsystem that is not running DB2 V8 New Function Mode (NFM) or later. The index will be created as PADDED on the targeted subsystem.

Action:

No further action is required.

RMA710W

Index Creator.IndexName cannot be processed with RC/Merger as requested because the initial attribute FromPadded conflicts with the resulting attribute ToPadded. This is being changed to FromPadded.

Reason:

An index that is being migrated with RC/Merger cannot have its PADDED attribute changed during the migration. FromPadded is the original attribute of the index on the source subsystem, and ToPadded is the attribute being requested on the target subsystem.

The index definition will be changed on the target subsystem to match the definition on the source subsystem.

Action:

No further action is required.

RMA715W

The number of partitions for type P/D index <creator>.<name> is not known. The index was imported without table information. Verify that the desired DDL was generated. If it is not the desired DDL consider importing the table information.

Reason:

This message is issued for compare strategies when both the source and target are imported DDL (that is, a DDL-to-DDL compare). CA RC/Compare could not determine the number of partitions for the index, which may result in DROP/CREATE statements being generated when ALTER INDEX statements would be appropriate.

Action:

If the desired DDL is not generated, recreate the strategy, importing the CREATE TABLE DDL with the CREATE INDEX DDL, and then reanalyze the strategy.

RMA720E

The output from your Compare or Alter strategy is attempting to define table <creator>.<name> with or alter it to use table-controlled partitioning on a DB2 V7 subsystem.

Reason:

DDL to generate a table-controlled partitioning table is being generated for a DB2 V7 subsystem during the analysis of a compare or alteration strategy. This DDL is invalid for a DB2 V7 subsystem and will fail to execute.

For an alteration strategy, objects have been created or edited in the strategy with table-controlled partitioning attributes, which is invalid for a DB2 V7 subsystem.

For a compare strategy, the source object has table-controlled partitioning attributes because of one of the following reasons:

- The object is from a DB2 V8 or later subsystem.
- The object has been edited or created in the strategy to have table-controlled partitioning attributes.
- The imported DDL is for a DB2 V8 or later subsystem.

Action:

For an alteration strategy, edit the objects in the strategy using only index-controlled partitioning attributes.

For a compare strategy, edit the source table, changing the Partitioning from YES to NO, and then re-analyze the strategy.

RMA724E

The output from your Compare, Alter, or Migrate strategy is attempting to define index <creator>.<name> as or convert it to a type P or D index on a DB2 V7 subsystem.

Reason:

Type P and type D indexes are valid only for a table-controlled partitioning table in DB2 V8 or later.

Action:

Edit the indexes in the strategy for the index-controlled partitioning table so that there is only one partitioned index that is a type 2 clustering index.

RMA728E

You are attempting to convert index <creator>.<name> from a type P index to a type 2 partitioned index when it is defined on a table with table-controlled partitioning.

Reason:

DDL for a type 2 partitioned index is generated, but the table is defined as a table-controlled partitioning table.

Action:

If you want an index-controlled partitioning table, edit the table in the strategy, changing Partitioning from YES to NO. If you want a table-controlled partitioning table, edit the index in the strategy to be a type P index.

RMA733E

You are attempting to make a change that has requested or requires dropping index <creator>.<name>, and is attempting to convert it from a type 2 to a type P index, and change the limit key values. The DROP INDEX statement will result in a conversion to TCP and the CREATE INDEX execution will fail.

Reason:

Changes to the index limit key values are being made, the index type is being changed to P, and other changes are being made, or an analysis option requires that the type 2 partitioning index on a index-controlled partitioning table be dropped and recreated. The drop of the index causes DB2 V8 to implicitly convert the table to use table-controlled partitioning. The CREATE INDEX DDL statement is generated with the changed limit key values and will fail when executed.

Action:

Edit the table in the existing strategy, changing Partitioning from YES to NO, and then use the LIMITS primary command—while editing the table—to verify that the desired limit key value changes have been copied from the edited index correctly. Then re-analyze the strategy.

RMA739E

The table &&XXXXXXX . &&XXXXXXXXXXXXXXXXXXXX has DATA CAPTURE CHANGES defined, but a REORG has not been requested, so it will be left as DATA CAPTURE NONE.

Reason:

The current table status is DATA CAPTURE NONE because you did not REORG the tablespace containing the table.

Action:

To restore the table status to DATA CAPTURE CHANGES, REORG the tablespace containing the table, and then ALTER the table to DATA CAPTURE CHANGES.

RMA750W

A Global Change for the TABLESPACE <dbname>.<tsname> <screen-field> has been ignored since the TABLESPACE will be a Range-Partitioned Universal Tablespace.

Where <screen-field> is "TYPE" or "MEMBER CLUSTER."

Reason:

TS TYPE GC and/or MC is ignored. The TYPE change is being ignored because the tablespace is partitioned and segmented. This requires the Tablespace Type to remain R for range-partitioned universal tablespace. The MEMBER CLUSTER change is ignored because it cannot be specified for a range-partitioned universal tablespace.

Action:

When the tablespace type is R, make make sure that other changed attributes are valid for a range-partitioned tablespace. If PTMALTER_TS_I_NEW_LOCKSIZE is set to TABLE, reset it to the value in PTMALTER_TS_I_OLD_LOCKSIZE.

RMA760W

Index-controlled partitioned TABLE <creator>.<table-name> will be converted to table-controlled partitioning since its parent TABLESPACE will be a Range-partitioned Universal Tablespace.

Reason:

The parent tablespace of an ICP controlled table is changed to a range-partitioned universal tablespace. Range-partitioned universal tablespaces can only contain TCP controlled tables.

Action:

None.

RMA764W

RC/Merger can not move/copy TABLESPACE <dbname>.<tsname>. The version of the target DB2 subsystem does not support Universal Tablespaces.

Reason:

A UTS in a DB2 9 subsystem cannot be moved to an earlier version of DB2 9 because the UTS is partitioned and segmented.

Action:

Change the target DB2 subsystem to a version 9 or later release.

RMA767W

The version of the target DB2 subsystem does not support Universal Tablespaces. Tablespace <dbname>.<tsname> <message-text> a non-Universal Tablespace.

Reason:

The target DB2 subsystem does not support universal tablespaces. In the preceding error message, <message-text> can have one of the following values:

is being changed to be

Indicates that the tablespace was a universal tablespace and is being changed to a regular tablespace.

will remain

Indicates that the tablespace is a regular tablespace but has been edited, globally changed, or changed with CA RC/Compare to make it a universal tablespace. However, it will remain a regular tablespace.

Action:

None.

RMA770E

LOCKSIZE TABLE can not be specified for a Universal Tablespace. DDL for TABLESPACE <dbname>.<tsname> will fail to execute.

Reason:

You cannot specify LOCKSIZE TABLE for a universal tablespace.

Action:

Remove the LOCKSIZE TABLE specification from the universal tablespace.

RMA772E

Partitioned INDEX <creator>.<index-name> can not be created on an incomplete TABLE in a Range-partitioned Universal Tablespace. The CREATE INDEX DDL will fail to execute.

Reason:

The index is partitioned and the table is an incomplete table that resides in a RP UTS.

Action:

None.

RMA797W

Trigger *&schema.&trigger-name* references identical column names in the triggered action. Manual column propagation may be required.

Reason:

The trigger references other tables that include an identically named column.

Action:

Manually edit the trigger definition to correct it.

RMA803E

The MAXPARTITIONS value for Partition by Growth Universal Tablespace &XXXXXXXX .&XXXXXXXX is not valid for the tablespaces DSSIZE of &&XXX and bufferpool &XXXXXXXX (page size). The maximum allowed value is: &XXXX .

Reason:

The value for MAXPARTITIONS is limited by the page size (BUFFERPOOL) and DSSIZE specified for the PBG UTS. The specified value exceeds the limit.

Action:

Specify a MAXPARTITIONS value that does not exceed the maximum allowed value.

Note: For complete information about MAXPARTITIONS maximum value limitations in relation to page size and DSSIZE values, see the IBM *DB2 for z/OS SQL Reference*.

RMA807W

THE REORG INDEX UTILITY HAS NOT BEEN REQUESTED. THE INDEX &XXXXXXXX . &XXXXXXXXXXXXXXXXXXXXX WILL BE PLACED IN A ADVISORY REORG PENDING STATUS. PLEASE RE-ANALYZE WITH REORG INDEX OPTION OR RUN A REORG INDEX UTILITY AFTER EXECUTING THE ANALYSIS.

Reason:

The strategy has been analyzed without using the REORG analysis option to reorg indexes. Executing the analysis output will place the index in ADVISORY REORG PENDING status.

Action:

Do *one* of the following:

- Reanalyze with the REORG analysis option set to **IX** or **B**.
- Run the REORG INDEX utility after executing the analysis output.

RMA812W

Tablespace &&XXXXXXXX . &&XXXXXXXX is the result of pairing a Partition by Growth Universal Tablespace (PBG UTS) with a non PBG UTS. RC/Compare rules have been overridden.

Reason:

When a partition-by-growth (PBG) tablespace is paired to a non-PBG tablespace in a comparison, user rule overrides might be necessary to produce a coherent set of attributes and avoid an unwanted conversion of a tablespace type.

For example, if a source PBG tablespace is paired with a partitioned (non-segmented) tablespace, a TYPE rule setting of N and SEGSIZE rule setting of Y would convert the partitioned tablespace to a range-partitioned tablespace.

Action:

No action is necessary.

Note: For more information about how CA RC/Compare overrides rules when a PBG tablespace is paired to a non-PBG tablespace, see the *CA RC/Migrator User Guide*.

RMA815E

Parted tablespace limited to 64GB, the following ALTER TABLE ADD PARTITION will fail. Modify the tablespace to use DSSIZE.

Reason:

The tablespace for this table is defined without the LARGE or DSSIZE attributes. When defined without these attributes (while having a Numparts value less than 65), the tablespace is limited to 64 GB in total size.

Note: For more information, see the IBM *DB2 for z/OS SQL Reference*.

Action:

Modify the tablespace to use DSSIZE (to allow the table to be altered to add additional parts).

Note: The change to DSSIZE requires a drop-and-create of the tablespace.

RMA817E

THE STORAGE GROUP *name* DOES NOT HAVE VOLUMES. EXECUTION OF GENERATED DDL MAY RESULT IN SQLERROR.

Reason:

The specified storage group does not have volumes.

Action:

Remove the incomplete DDL so that the DDL can be successfully executed.

RMA821W

A CA Fast Check license is required for CA Fast Load to enforce constraints. ENFORCE NO will be generated for CA Fast Load, and a check data utility will be generated if requested.

Reason:

CA Fast Load was requested, but the table that is being loaded has a check constraint or is involved in a referential integrity (RI) relationship. In these situations, CA RC/Migrator performs the load with ENFORCE=NO (to disable RI checking). To use ENFORCE=YES during a load, a license for CA Fast Check is required.

Action:

Ensure that you have a license for CA Fast Check.

RMA832W

The COMPRESS YES attribute is ignored for index *IXCREATOR.IXNAME* because the targeted subsystem does not support COMPRESS Clause.

Reason:

An index with COMPRESS YES is being migrated from DB2 9 (or later) to a target that has DB2 V8 or earlier. The COMPRESS YES attribute is ignored for the specified index because the targeted subsystem does not support the COMPRESS clause. COMPRESS is supported for only DB2 9 and later.

Action:

No action is required.

RMA835W

The index *IXCREATOR.IXNAME* is being changed from COMPRESS YES to COMPRESS NO. The targeted subsystem does not support COMPRESS Clause.

Reason:

An index with COMPRESS YES is being edited to change to COMPRESS NO and migrated from DB2 9 (or later) to a earlier DB2 version (because the targeted subsystem does not support the COMPRESS clause). COMPRESS is supported for only DB2 9 and later.

Action:

No action is required.

RMA838E

The COMPRESS attribute conflicts with BUFFERPOOL value for index *IXCREATOR.IXNAME*. For COMPRESS to be YES, BUFFERPOOL must be 8K, 16K, or 32K in size.

Reason:

An index in a migration has a buffer pool size of 4 KB and a COMPRESS setting of YES. For COMPRESS to be YES, the buffer pool must be 8 KB, 16 KB, or 32 KB in size.

Action:

Correct the buffer pool size, then retry the operation.

RMA841W

The APPEND YES attribute is ignored for Table *TBCREATOR.TBNAME* because the targeted subsystem does not support APPEND Clause.

Reason:

A table with APPEND YES is being migrated from DB2 9 (or later) to a target that has DB2 V8 or earlier. The APPEND YES attribute is ignored for the specified table because the targeted subsystem does not support the APPEND clause. APPEND is supported for only DB2 9 and later.

Action:

No action is required.

RMA844W

RMA844W Table TBCREATOR . TBNAME is being changed from APPEND YES to APPEND NO. The targeted subsystem does not support APPEND Clause.

Reason:

A table with APPEND YES is being edited to change to APPEND NO and migrated from DB2 9 (or later) to an earlier DB2 version (because the targeted subsystem does not support the APPEND clause). APPEND is supported for only DB2 9 and later.

Action:

No action is required.

RMA847E

Table *TBCREATOR.TBNAME* is defined in a workfile Database *DBNAME*

Reason:

A table with APPEND clause is specified in a work file database. The APPEND clause must not be specified for a table that is created in a work file database.

Action:

Do one of the following:

- Change the database from a work file database to a regular database.
- Set the Append option to **NO**.

RMA849W

Tablespace *database_name.tablespace_name* will be left in CHECK PENDING mode because the CHECK DATA utility has not been requested.

Reason:

A table has been altered in this tablespace; as a result, the tablespace is placed in check pending status. The CHECK DATA utility has not been requested, so the check pending status will remain after this analysis output has finished executing.

Action:

Set the Check Data analysis option to **Y** to generate a CHECK DATA utility as part of the analysis output.

RMA851W

The APPEND YES attribute is ignored for Table *TBCREATOR.TBNAME*, as it is not applicable for Global Temporary Tables.

Reason:

An APPEND clause must be specified for a table, MQT, or auxiliary table. However, APPEND is not supported for global temporary tables.

Action:

Change the Append option to **NO**.

RMA860I

SQL Statistics have been requested. The SQL Statistics are generated reflecting the original unchanged object(s). Any modifications to the object(s) with statistics will not be reflected in the general SQL Statistics statements.

Reason:

Changes being done in the analysis might cause invalid SQL statements (even though the statements are syntactically correct).

For example, if you change a tablespace from non-parted to parted, the SQL statistics for the underlying objects will reflect *only* the original non-parted object. If you add a column to an index, the SQL statistics reflect the original underlying object. The statistics for the added column will *not* be included in the index statistics.

Action:

Review the changes being done to the objects related to the SQL statistics statements.

RMA868W

Table *table_name* has at least one LOB column, and a data row > 32K. The output dataset created by FAST UNLOAD for this table is currently only supported by FAST LOAD.

Reason:

The data row generated for the table is greater than 32 KB in length. CA Fast Unload and IBM LOAD have been selected to process unloads and loads for the analysis. CA Fast Unload generates an output data set with a RECFM=VBS format (which is supported only by CA Fast Load).

Action:

Do not execute the script. Re-analyze the strategy with a model that uses the CA Fast Unload and CA Fast Load combination.

RMA871W

The INDEX *creator.name* may not be valid, since column(s) or its datatype used in the expression is altered. This requires manual verification.

Reason:

The table column being referenced in an index expression is getting dropped (or its data type is being changed). This results in commented index DDL, generated with original columns and expressions.

Action:

Uncomment the index DDL and make necessary alterations to the DDL before execution.

RMA874E

The INDEX with key expression is being converted to a simple index, because the target subsystem does not support index expression.

Reason:

An attempt was made to create an index with expressions in an incompatible version of DB2. An index on expression is supported only in DB2 9 or above. The product converts the index to a simple index.

Action:

Validate the DDL for the simple index, and proceed with execution.

RMA877W

At least one column name change found within a SELECT embedded in the FROM clause. VIEW - <creator>.<view-name> , manual validation recommended.

Reason:

Within the text of the view, a column name change was detected within a SELECT statement that is embedded in a FROM clause. This change might not have been correctly propagated into the text of the view.

Action:

Ensure that any column name changes have been correctly propagated into the view text. Make any manual changes as needed to produce valid DDL.

RMA880E

The SYSSEQUENCES row information is missing for table -
creator.table-name , COLUMN - *column*
Analysis terminated due to unexpected error.

Reason:

An error occurred in the DB2 catalog. Table SYSIBM.SYSSEQUENCES does not contain a row for the identity column and table that are listed in the message.

Action:

Exclude the table from the analysis until the information in the catalog table can be corrected.

RMA883I

The DDL generation for one or more objects has been suppressed due to implicit creation by DB2.

Reason:

One or more CREATE DDL statements will result in the creation of one or more implicit objects by DB2.

Action:

None.

RMA885E

The target LOCATION=*location* is not defined in the catalog SYSIBM.LOCATIONS table for SSID=*ssid*

Reason:

In the current ICL-to-DDL analysis, the specified location for the target SSID is invalid.

Action:

Correct the target location and resubmit, or define the location to the DB2 Communications Database.

RMA887E

The DB2 version (*XXXXXX*), was found while attempting to retrieve the *YYYYYYYY* objects.

Reason:

Internal processing to retrieve the DB2 objects from the catalog found that the DB2 version was *XXXXXX*, in the format *VnRnMn* or *nnRnMn*. This message typically occurs during processing with a remote DB2 location.

Action:

Verify that any remote locations associated with an SSID are valid and that the DB2 version of the remote SSID is a supported release of DB2.

RMA889E

**Rename *name* is a duplicate of another Constraint name
(Check, Foreign key or Unique) on table *TBCreator.TBName*.**

Reason:

The relname used on the foreign key is identical to another constraint name used on a check constraint, foreign key constraint, or unique constraint that is defined on this table.

Action:

Use a unique relname.

RMA900E

Limited tree processing has encountered errors with character substitution with UNICODE characters. Use FULLTREE(YES) to resolve the problems.

Reason:

During analysis with FULLTREE(NO), source UNICODE characters in the DB2 catalog could not be converted to EBCDIC.

Action:

Specify FULLTREE(YES) in the MIGRATOR parmlib member.

RMA914W

DB2 V10 does not support DBPROTOCOL of PRIVATE. The DBPROTOCOL of PRIVATE is changed to DBPROTOCOL of DRDA in the BIND/REBIND control cards for package collection *collection_name* member *member_name*.

Reason:

DB2 10 (CM and NFM) does not support the DBPROTOCOL(PRIVATE) setting. DRDA is the only valid option for DBPROTOCOL on DB2 10 target subsystems.

Action:

No action is required. CA RC/Migrator analysis generates DBPROTOCOL(DRDA).

RMA919W

DB2 V10 does not support DBPROTOCOL of PRIVATE. The DBPROTOCOL of PRIVATE is changed to DBPROTOCOL of DRDA in the BIND/REBIND control cards for plan *plan_name* used to convert DBPROTOCOL from PRIVATE to DRDA.

Reason:

DB2 10 (CM and NFM) does not support the DBPROTOCOL(PRIVATE) setting. DRDA is the only valid option for DBPROTOCOL on DB2 10 target subsystems.

Action:

No action is required. CA RC/Migrator analysis generates DBPROTOCOL(DRDA).

RMA929E

Trigger cannot be defined on a view *view_creator.view_name* having WITH CASCADED CHECK option

Reason:

The View, on which the Instead of Trigger is created, is defined with cascaded check option.

Action:

No action is required.

RMA931E

Trigger cannot be defined. View view_creator.view_name has dependent view(s).

Reason:

The Instead of Trigger cannot be defined on view having dependent view(s).

Action:

No action is required.

RMA934E

Trigger cannot be defined on view view_creator.view_name because it references data that is encoded with different encoding schemes or CCSID values.

Reason:

The View on which the Instead of Trigger is created, references data that is encoded with different encoding schemes or CCSID values. If view refers two tables with CCSID encoding option as ASCII and EBCDIC respectively, Instead of trigger cannot be defined on this type of view.

Action:

No action is required.

RMA938E

Trigger cannot be defined on view view_creator.view_name because it refers to column(s) of data type ROWID, LOB or XML (or DISTINCT type that is defined as one of these types).

Reason:

The View on which the Instead of Trigger is created, has a column that is a ROWID, LOB or XML (or DISTINCT type that is defined using one of these types).

Action:

No action is required.

RMA942E

Trigger cannot be defined on view `view_creator.view_name` because it refers to column(s) with a field procedure.

Reason:

The View, on which the Instead of Trigger is created, has columns that have field procedures.

Action:

No action is required.

RMA945E

Trigger cannot be defined on view `view_creator.view_name` because it refers to a GTT/CATALOG/CLONE table.

Reason:

All of the underlying tables of the View, on which the Instead of Trigger is created, are global temporary tables or catalog tables or clone tables.

Action:

No action is required.

RMA948W

The version of the target DB2 subsystem does not support Instead Of Trigger. Trigger `trigger_schema.trigger_name` is defined with INSTEAD OF Clause.

Reason:

INSTEAD OF Trigger is supported only in DB2 version 9 or above. The target DB2 version is less than DB2 9.

Action:

No action is required.

RMA951E

Only one Instead Of Trigger is allowed for each type of OPERATION on view `view_creator.view_name`.

Reason:

The Instead of Trigger is created on a View that has already an INSTEAD of Trigger with same operation (INSERT/DELETE/UPDATE) defined on it.

Action:

No action is required.

RMA953E

***&variable* cannot be specified for Trigger `trigger_schema.trigger_name` defined with INSTEAD OF Clause.**

Reason:

The Trigger cannot be defined with INSTEAD OF clause when *&variable* is one of the following items:

- FOR EACH STATEMENT.
- UPDATE OF *column-name*.
- *table-name* being specified.
- WHEN clause.

Action:

No action is required.

RMA955E

All parent view columns have been deleted for the INSTEAD OF Trigger `Trigger_schema.Trigger_name`.

Reason:

The specified Instead of Trigger is no longer valid as all columns of its parent view have been deleted. This error may be due to removal of columns directly from view or its underlying parent table.

Action:

No action is required.

RMA957E

INDEX index_creator.index_name CONTAINS RANDOM ORDER WHICH IS NOT SUPPORTED IN TARGET SUBSYSTEM.

Reason:

The DB2 version that you are using does not support RANDOM order for index entries.

Action:

No action is required.

RMA960E

RANDOM ORDER CANNOT BE SPECIFIED FOR THE INDEX index_creator.index_name THAT IS CREATED WITH NOT PADDED OPTION. RANDOM ORDER IS NOT ALLOWED FOR AN INDEX KEY COLUMN OF VARYING LENGTH TYPE.

Reason:

RANDOM order cannot be specified of a varying length column which is a part of the index key and the index being defined with the NOT PADDED option.

Action:

No action is required.

RMA964E

RANDOM ORDER IS NOT SUPPORTED FOR THE XML INDEX index_creator.index_name

Reason:

RANDOM order cannot be specified for an XML index which is defined with the GENERATE KEY USING clause.

Action:

No action is required.

RMA966E

RANDOM ORDER CANNOT BE SPECIFIED FOR THE INDEX `index_creator.index_name` WHICH HAS A COLUMN DEFINED AS TIMESTAMP WITH TIME ZONE.

Reason:

RANDOM order cannot be specified for a column of the index key which is defined as TIMESTAMP WITH TIME ZONE.

Action:

No action is required.

RMA969E

Table `table_creator.table_name` contains ROW CHANGE TIMESTAMP column which is not supported in target subsystem.

Reason:

The DB2 version that you are using does not support ROW CHANGE TIMESTAMP column for table. It is supported in DB2 9 and higher.

Action:

Use DB2 9 or higher.

RMA972E

RANDOM ORDER CANNOT BE SPECIFIED FOR THE INDEX `index_creator.index_name` COLUMN WHICH IS PART OF THE PARTITIONING KEY.

Reason:

RANDOM order cannot be specified for the index which is part of the partitioning key.

Action:

No action is required.

RMA975W

Number of Tasks defaulted to the maximum limit of tasks allowed for CA Fast Unload and CA Fast Load.

Reason:

The number that is specified for Task Value in the utility profile exceeds the maximum limit for CA Fast Unload and CA Fast Load. These utilities support a maximum number of 99 tasks per object. The number that is specified for Task Value is defaulted to the maximum limit for CA Fast Unload and CA Fast Load.

Action:

No action is required.

RMA977E

NESTED #SEG BLOCKS ARE NOT SUPPORTED IN THE MODEL UTILITY utility_name

Reason:

In model utilities for CA Fast Unload and CA Fast Load, nested #SEG and #ENDSEG keywords are not supported.

Action:

Remove the nested #SEG blocks.

RMA979E

UNMATCHED #ENDSEG or #SEG PAIR NOT FOUND IN THE MODEL UTILITY utility_name

Reason:

An unmatched #ENDSEG is encountered in the model. #SEG pair is not found.

Action:

Specify #SEG and #ENDSEG keyword pairs for each #SEG block.

An unsupported command was encountered in the CMD field. Insert, delete, or repeat a row to maintain the Task Ranges list. The following options are valid:

RMA991E

Temporal Table rules are violated for

Table: SCHEMA.TABLENAME

REASON: *reason-text*

Reason:

This message occurs for the following reasons:

- Target DB2 version should be V10 or higher.
- Partitioned Tablespace contain more than one table.
- A ROW BEGIN, ROW END, TRANSACTION START ID, PERIOD START/END time column is of wrong time/scale/size.
- There are multiple or invalid ROW BEGIN, ROW END, or TRANSACTION START ID columns.
- Business_Time columns are present and BUSINESS_TIME WITHOUT OVERLAPS clause is specified.
- DB2_GENERATED_CHECK_CONSTRAINT_FOR_BUSINESS_TIME cannot be specified for business period temporal table.

Action:

Resolve the error as needed based on the reason the message occurred.

RMA993E

DDL is not executable because data sets of the tablespace *dbname.tsname* are already created. The DSSIZE change is a PENDING CHANGE to the tablespace definition.

Reason:

A nonexecutable ALTER TABLESPACE statement is generated in the analysis output. This error occurs when:

- Two tablespace objects are compared.
- The tablespace data sets are already defined.
- The change to the DSSIZE is a PENDING CHANGE to the tablespace definition.

The analysis output contains an ALTER TABLESPACE statement with the DSSIZE clause. The DSSIZE change cannot be completed when the tablespace data sets are already created.

Action:

If the change is a pending change to the tablespace definition, the changes are not reflected in the definition or data at the time the ALTER TABLESPACE statement is issued. Instead, the entire tablespace is placed in an advisory REORG pending state (AREOR). To apply the pending tablespace definition changes, reorganize the entire tablespace.

RMA995E

System period data versioning cannot be enabled for

Table: SCHEMA.BASE TABLE

History table: SCHEMA.HISTORY TABLE

REASON: *reason-text*

Reason:

This message occurs for the following reasons:

- A ROW BEGIN or ROW END column must not be nullable.
- A ROW BEGIN, ROW END, TRANSACTION START ID, PERIOD START/END time column is of wrong time/scale/size.
- There cannot be a security label column in the table.
- SYSTEM_TIME or BUSINESS_TIME cannot be an existing column name.
- There cannot be a ROW BEGIN, ROW END, TRANSACTION START ID or PERIOD in a history table.
- A ROWID column was found in the history table whose default is not GENERATED_ALWAYS.
- A column in the base table has different attribute than its matching history column.
- A column in the base table has different attribute than its matching history column.
- One of them is already in a temporal relationship.
- Temporal table cannot be with creator SYSIBM.
- Temporal table cannot have referential constraints.
- A column in the base table did not have a matching column in the history table.
- A required column is missing, or they do not have the same number of columns.

Action:

Resolve the error as needed based on the reason the message occurred.

RMA997E

DDL is not executable because the DSSIZE value of the tablespace *dbname.tsname* is invalid in the target subsystem.

Reason:

The DSSIZE value of the migrated tablespace is invalid for the target subsystem. This message appears in the analysis output. The resulting DDL is not executable. DB2 10 supports a DSSIZE of 128 GB or 256 GB. These values are not valid in DB2 9.

Action:

To correct the DDL, provide a valid DSSIZE value for the target subsystem.

RMA0322W

The target *[tablespace / index] [<dbname>.<tsname> | <ixcreator>.<ixname>]* has pending changes. These pending changes will be dropped.

Reason:

Rows exist in the SYSIBM.SYSPENDINGDDL table for this object on the target subsystem. Since the object is dropped and created, pending changes that exist for this object are dropped when the analysis output is submitted for execution.

RMA0323W

RMAnnnnW The paired or source created *[tablespace / index] [<dbname>.<tsname> / <ixcreator>.<ixname>]* has pending changes on the *[source / target / source and target]*. These pending changes will not be considered in the compare.

Reason:

Rows exist in the SYSIBM.SYSPENDINGDDL table for this object, on the source, the target, or both the source and the target subsystems.

When the object is paired, the compare does not consider these pending changes. When the object is source created, the CREATE statement on the target subsystem does not include the pending changes.

RMA1000E

**The base temporal table could not be found for history table
SCHEMA.TABLE NAME**

Reason:

This message indicates that a base table was not found for the history temporal table.

Action:

Create a base table for the history table and establish versioning between them.

RMA1002E

**Row Permissions and Column Masks have been dropped for table
SCHEMA.TABLE NAME as table has been
changed to a temporal table.**

Reason:

The table has been changed to a temporal table so the row permissions and column masks have been dropped.

Action:

None.

RMA1008W

**AN UNLOAD FOR TABLE <creator>. <table-name> WITH COLUMN <column-name>.
THE DECP <date/time> FORMAT IS NON-ISO AND MAY RESULT IN A CONVERSION
ERROR TO TYPE &&XXXXXXXXX.'**

Reason:

A data conversion is needed for a DATE or TIME column to a data type that requires the DATE or TIME format in ISO format.

Action:

Correct the date or time format before proceeding.

RMA1011I

<db-name>.<ts-name> MEMBER CLUSTER was specified, however MEMBER CLUSTER and UTS are mutually exclusive on the target subsystem, clause ignored.

Reason:

A UTS with MEMBER CLUSTER defined is permitted on a DB2 10 subsystem. However, when migrating to a DB2 9 or below subsystem, the features become mutually exclusive.

Action:

The clause is ignored and is not generated during analysis.

RMA1014W

<db-name>.<ts-name> MEMBER CLUSTER was specified, however not currently supported with UTS for this release, clause ignored.

Reason:

A UTS with MEMBER CLUSTER defined is permitted on a DB2 10 subsystem. However, the current release does not support the MEMBER CLUSTER field.

Action:

The clause is ignored and is not generated during analysis.

RMA1016I

<creator>.<tb-name> DO NOT USE column with a <version> attribute has been reset for pre-NFM DDL.

Reason:

A column on the identified table has an attribute exploiting the noted version. The attribute was reset so that it would generate correctly in the target DB2 version.

Action:

None.

RMA1031W

The INDEXPART row(s) for Index <creator>.<name> could not be retrieved. Index DDL syntax may be invalid, if generated.

Reason:

The identified index existed when the index objects were retrieved from an ACM, PDS, or the DB2 catalog. However, when SYSINDEXPART was accessed, no rows exist for the index.

Action:

Complete *one* of the following steps:

- If ACM or PDS are used, rebuild the objects. The objects are out of sync with the catalog.
- If the SYSINDEXPART is an ACM view, ensure that the definition retrieves PART information for any index retrievable from the SYSINDEX (ACM object).

RO Messages

Messages with the RO prefix are generated from CA RC/Compare, RC/Merger, CA RC/Extract, CA RC/Migrator, and CA RC/Update.

R0010E

COMMAND CONFLICT.

Press PF1 or type HELP while this message is displayed for more details.

R0011E

BLOCK COMMAND INCOMPLETE.

Press PF1 or type HELP while this message is displayed for more details.

R0012E

TOTAL FUNCTION DOES NOT SUPPORT REAL OBJECTS.

Press PF1 or type HELP while this message is displayed for more details.

R0013E

INTERNAL OVERFLOW IN TOTAL FUNCTION OF THE SPACE CALCULATOR.

Press PF1 or type HELP while this message is displayed for more details.

R0014E

EITHER VCAT OR STOGROUP MUST BE SPECIFIED TO USE SPACE CALCULATOR.

Press PF1 or type HELP while this message is displayed for more details.

R0026E

FORDATA not allowed on a &V8 column. Press HELP for more info.

R0026W

INVALID COLUMN TYPE FOR BIT/SBCS/DBCS DATA. PF1 FOR HELP.

Press PF1 or type HELP while this message is displayed for more details.

R0027E

Invalid FORDATA option for CLOB data type. Valid values: &V24.

Press PF1 or type HELP while this message is displayed for more details.

R0028E

FORDATA is incompatible with DB2 install option or CCSID.

Press PF1 or type HELP while this message is displayed for more details.

R0029I

FORDATA value(s) have been reset. Press HELP for more info.

R0030E

THE SELECTED MODEL IS INVALID.

Press PF1 or type HELP while this message is displayed for more details.

R0035E

YOU HAVE ENTERED AN INVALID MODEL SERVICES COMMAND. PRESS HELP.

R0036E

SUPPLY A NEW MODEL ID FOR YOUR TEMPLATED MODEL.

Press PF1 or type HELP while this message is displayed for more details.

R0039I

ANALYSIS MODEL HAS BEEN SELECTED.

Press PF1 or type HELP while this message is displayed for more details.

R0040E

PDA STATS CAN ONLY BE USED WHEN THE PDA PRODUCT IS INSTALLED.

Press PF1 or type HELP while this message is displayed for more details.

R0043I

PDA STATISTICS RETRIEVAL ERROR. ENTER HELP FOR MORE INFORMATION.

Press PF1 or type HELP while this message is displayed for more details.

R0044E

YOU ARE NOT AUTHORIZED TO USE SELECTED MODEL.

Press PF1 or type HELP while this message is displayed for more details.

R0045E

REQUESTED MODEL DOES NOT EXIST.

Press PF1 or type HELP while this message is displayed for more details.

R0046I

PLEASE SELECT A MODEL ID TO USE FOR THIS ANALYSIS.

Press PF1 or type HELP while this message is displayed for more details.

R0047E

DUPLICATE SYMBOL NAME, PLEASE SPECIFY ANOTHER.

Press PF1 or type HELP while this message is displayed for more details.

R0048E

YOU MUST ENTER A SYMBOL NAME.

Press PF1 or type HELP while this message is displayed for more details.

R0049E

modelid NOT FOUND.

Press PF1 or type HELP while this message is displayed for more details.

R0050E

YOU MUST ENTER A UTILITY NAME. PRESS HELP FOR MORE INFO.

R0051E

INVALID UTILITY NAME. PRESS HELP FOR MORE INFO.

R0052E

INVALID OBJECT TYPE. PRESS HELP FOR MORE INFO.

R0054E

INVALID UTILITY COMBINATION. PRESS HELP FOR MORE INFO.

R0055E

END COMMAND CANNOT BE PROCESSED UNTIL A MODEL IS SELECTED.

Press PF1 or type HELP while this message is displayed for more details.

R0057E

THE V COMMAND MAY BE USED AFTER ALL COLUMN ATTRIBUTES ARE IDENTIFIED.

Press PF1 or type HELP while this message is displayed for more details.

R0058E

Valid commands are C (first line only) or D, R, S,U (subsequent lines)

Press PF1 or type HELP while this message is displayed for more details.

R0059I

NO OLD CONSTRAINT EXISTS, THEREFORE CANNOT BE RESET. PF1 FOR HELP.

Press PF1 or type HELP while this message is displayed for more details.

R0060E

SYMBOLIC VALUE INVALID, VALUES MUST NOT CONTAIN BLANKS.

Press PF1 or type HELP while this message is displayed for more details.

R0061I

SYMBOLIC SUBSTITUTION PERFORMED.

Press PF1 or type HELP while this message is displayed for more details.

R0062E

CONSTRAINT TEXT IS BLANK, PROBABLY ALREADY DELETED.

Press PF1 or type HELP while this message is displayed for more details.

R0063E

A Connect to subsystem *subsystem_name* failed. Press HELP for more info.

R0064E

Invalid Index Type option for parted index. Valid values: 2, D and P.

Press PF1 or type HELP while this message is displayed for more details.

R0066E

An open for plan RCMPLN02 failed. Press HELP for more info.

R0069I

The SQL editable area contains lower case characters. CAPS turned OFF.

Press PF1 or type HELP while this message is displayed for more details.

R0090E

VALID FOREIGN KEY VALUES ARE N, Y, AND U. PRESS HELP FOR INFO.

R0091E

TEXT command allowed for view, trigger and MQT enabled table lists only.

Press PF1 or type HELP while this message is displayed for more details.

R0092E

DELETE RULE IS REQUIRED: VALID VALUES ARE CASCADE, RESTRICT, NULL.

Press PF1 or type HELP while this message is displayed for more details.

R0093E

NUMBER OF PARTITIONS EXCEEDS MAXIMUM SUPPORTED FOR YOUR DB2.

Press PF1 or type HELP while this message is displayed for more details.

R0094E

Invalid Delete Rule. Valid: Cascade, Restrict, Set Null, No Action.

Press PF1 or type HELP while this message is displayed for more details.

R0096E

Invalid SECONDARY QTY. Must be numeric, DEFAULT or blanks.

Press PF1 or type HELP while this message is displayed for more details.

R0097E

Invalid PRIMARY QTY. Must be numeric, DEFAULT or blanks.

Press PF1 or type HELP while this message is displayed for more details.

R0100E

VALID COMM/LAB VALUES ARE N, Y, AND U. PRESS HELP FOR INFO.

R0101E

Invalid command. Enter a "?" to view a list of valid commands.

Press PF1 or type HELP while this message is displayed for more details.

R0103I

MOVE/COPY IS PENDING.

Press PF1 or type HELP while this message is displayed for more details.

R0104E

INVALID COMMAND SYNTAX. line_command DOES NOT SUPPORT A REPEAT COUNT.

Press PF1 or type HELP while this message is displayed for more details.

R0105E

REPEAT COUNT ON COMMAND line_command IS OUT OF RANGE. VALID VALUES ARE 1 - value.

Press PF1 or type HELP while this message is displayed for more details.

R0106E

COMMAND CONFLICT. line_command2 COMMAND CONFLICTS WITH PRIOR line_command1 SPECIFICATION.

Press PF1 or type HELP while this message is displayed for more details.

R0107E

COMMAND CONFLICT. line_command2 COMMAND CONFLICTS WITH PRIOR line_command1 COMMAND.

Press PF1 or type HELP while this message is displayed for more details.

R0108E

COMMAND CONFLICT. line_command1 IS WITHIN THE RANGE OF THE line_command2 COMMAND.

Press PF1 or type HELP while this message is displayed for more details.

R0109E

BLOCK COMMAND IS INCOMPLETE. ENTER MATCHING line_command TO COMPLETE THE BLOCK.

Press PF1 or type HELP while this message is displayed for more details.

R0110E

Invalid or unrecognizable *string_type* syntax.

Press PF1 or type HELP while this message is displayed for more details.

R0111E

Invalid or unexpected *string_type* syntax. Pattern *pattern* was expected.

Press PF1 or type HELP while this message is displayed for more details.

R0112E

Invalid *string_type* syntax. Value must follow the pattern *pattern*

Press PF1 or type HELP while this message is displayed for more details.

R0113E

component (component_identifier) in data_type data_string must be values.

Press PF1 or type HELP while this message is displayed for more details.

R0114E

DAY (DD) IN DATE date format MUST BE NUMERIC.

Press PF1 or type HELP while this message is displayed for more details.

R0115E

Conflicting values found in *string_type pattern*.

Press PF1 or type HELP while this message is displayed for more details.

R0116E

Conflicting values found in *component_name* component of timestamp.

Press PF1 or type HELP while this message is displayed for more details.

R0117E

HOURS (HH) IN TIME time format MUST BE NUMERIC.

Press PF1 or type HELP while this message is displayed for more details.

R0118E

HOURS (HH) IN TIME time format MUST BE 01 TO 12.

Press PF1 or type HELP while this message is displayed for more details.

R0119E

HOURS (HH) IN TIME time format MUST BE 00 TO 24.

Press PF1 or type HELP while this message is displayed for more details.

R0120E

MINUTES (MM) IN TIME time format MUST BE NUMERIC.

Press PF1 or type HELP while this message is displayed for more details.

R0121E

MINUTES (MM) IN TIME time format MUST BE 00 TO 59.

Press PF1 or type HELP while this message is displayed for more details.

R0122E

SECONDS (SS) IN TIME time format MUST BE NUMERIC.

Press PF1 or type HELP while this message is displayed for more details.

R0123E

SECONDS (SS) IN TIME time format MUST BE 00 TO 59.

Press PF1 or type HELP while this message is displayed for more details.

R0124E

REQUIRED AM/PM INDICATOR IS MISSING FROM TIME time format.

Press PF1 or type HELP while this message is displayed for more details.

R0125E

INVALID AM/PM INDICATOR IN TIME time format. VALID VALUES: AM AND PM.

Press PF1 or type HELP while this message is displayed for more details.

R0126E

TIMESTAMP MUST FOLLOW REQUIRED FORMAT OF YYYY-MM-DD-hh.mm.ss.nnnnnn .

Press PF1 or type HELP while this message is displayed for more details.

R0127E

YEAR (YYYY) IN TIMESTAMP YYYY-MM-DD-hh.mm.ss.nnnnnnn MUST BE NUMERIC.

Press PF1 or type HELP while this message is displayed for more details.

R0128E

MONTH (MM) IN TIMESTAMP YYYY-MM-DD-hh.mm.ss.nnnnnnn MUST BE NUMERIC.

Press PF1 or type HELP while this message is displayed for more details.

R0129E

MONTH (MM) IN TIMESTAMP YYYY-MM-DD-hh.mm.ss.nnnnnnn MUST BE 01 to 12.

Press PF1 or type HELP while this message is displayed for more details.

R0130E

DAY (DD) IN TIMESTAMP YYYY-MM-DD-hh.mm.ss.nnnnnnn MUST BE NUMERIC.

Press PF1 or type HELP while this message is displayed for more details.

R0131E

DAY (DD) IN TIMESTAMP YYYY-MM-DD-hh.mm.ss.nnnnnnn MUST BE 01 TO 31.

Press PF1 or type HELP while this message is displayed for more details.

R0132E

HOURS (hh) IN TIMESTAMP YYYY-MM-DD-hh.mm.ss.nnnnnnn MUST BE NUMERIC.

Press PF1 or type HELP while this message is displayed for more details.

R0133E

HOURS (hh) IN TIMESTAMP YYYY-MM-DD-hh.mm.ss.nnnnnnn MUST BE 00 TO 23.

Press PF1 or type HELP while this message is displayed for more details.

R0134E

MINUTES (mm) IN TIMESTAMP YYYY-MM-DD-hh.mm.ss.nnnnnn MUST BE NUMERIC.

Press PF1 or type HELP while this message is displayed for more details.

R0135E

MINUTES (mm) IN TIMESTAMP YYYY-MM-DD-hh.mm.ss.nnnnnn MUST BE 00 TO 59.

Press PF1 or type HELP while this message is displayed for more details.

R0136E

SECONDS (ss) IN TIMESTAMP YYYY-MM-DD-hh.mm.ss.nnnnnn MUST BE NUMERIC.

Press PF1 or type HELP while this message is displayed for more details.

R0137E

SECONDS (ss) IN TIMESTAMP YYYY-MM-DD-hh.mm.ss.nnnnnn MUST BE 00 TO 59.

Press PF1 or type HELP while this message is displayed for more details.

R0138E

MICROSECONDS (n..) IN TIMESTAMP YYYY-MM-DD-hh.mm.ss.nnnnnn NOT NUMERIC.

Press PF1 or type HELP while this message is displayed for more details.

R0139E

CONFLICTING VALUES FOUND IN DATE date format.

Press PF1 or type HELP while this message is displayed for more details.

R0140E

CONFLICTING VALUES FOUND IN TIME time format.

Press PF1 or type HELP while this message is displayed for more details.

R0141E

CONFLICTING VALUES FOUND IN TIMESTAMP YYYY-MM-DD-hh.mm.ss.nnnnnn.

Press PF1 or type HELP while this message is displayed for more details.

R0142E

YEAR (YYYY) IN DATE date format MAY NOT BE 0000.

Press PF1 or type HELP while this message is displayed for more details.

R0143E

YEAR (YYYY) IN TIMESTAMP YYYY-MM-DD-hh.mm.ss.nnnnnnn MAY NOT BE 0000.

Press PF1 or type HELP while this message is displayed for more details.

R0144E

Invalid CCSID default. Enter a listed value or blanks.

Press PF1 or type HELP while this message is displayed for more details.

R0145E

Invalid TS Type option specified. Press HELP for info.

R0146E

Invalid Table Type default. Enter a listed value or blanks.

Press PF1 or type HELP while this message is displayed for more details.

R0147E

Invalid Buffer Pool name. Press HELP for info.

R0148E

Invalid Index BP or Buffer Pool name. Press HELP for info.

R0150E

Invalid CCSID. Valid values: *valuelist*.

Press PF1 or type HELP while this message is displayed for more details.

R0151E

Workfile and CCSID are mutually exclusive. Press HELP for info.

R0152E

Invalid CCSID. Valid values: valuelist.

Press PF1 or type HELP while this message is displayed for more details.

R0153E

Invalid CCSID. Values values: valuelist.

Press PF1 or type HELP while this message is displayed for more details.

R0154E

**Invalid Table Type. Valid values: *table-type*.
table-type = 'AUXILIARY, GLOBALTEMP, REGULAR.' | 'AUXILIARY, GLOBALTEMP, MQT, REGULAR.' | 'AUXILIARY, GLOBALTEMP, MQT, REGULAR, TEMPORAL.'**

Press PF1 or type HELP while this message is displayed for more details.

R0155E

Invalid TS Type option. Valid values: &V22

Press PF1 or type HELP while this message is displayed for more details.

R0156E

INVALID WORKFILE VALUE. VALID VALUES ARE W AND SPACES.

Press PF1 or type HELP while this message is displayed for more details.

R0157E

LOCKPART CANNOT BE Y WHEN LOCKSIZE IS TABLESPACE.

Press PF1 or type HELP while this message is displayed for more details.

R0158E

&TSTYPE may not be specified for a non-partitioned tablespace.

Press PF1 or type HELP while this message is displayed for more details.

R0159E

MAXROWS MUST BE AN INTEGER IN THE RANGE 1 TO 255 INCLUSIVE.

Press PF1 or type HELP while this message is displayed for more details.

R0160I

SEGSIZE <description of change> to be compatible with Partitions and TS Type.

Press PF1 or type HELP while this message is displayed for more details.

R0161E

Altering existing table to/from an Auxiliary Table not allowed.

Press PF1 or type HELP while this message is displayed for more details.

R0162E

Altering existing table to/from a Global Temp Table not allowed.

Press PF1 or type HELP while this message is displayed for more details.

R0163E

INVALID PARTITIONS VALUE. VALID VALUES: YES AND NO.

Press PF1 or type HELP while this message is displayed for more details.

R0164E

Tablespace has more than 64 parts. TS Type must be LARGE or DSSIZE > 2.

Press PF1 or type HELP while this message is displayed for more details.

R0165E

No eligible objects matched your selection criteria. Enter new criteria.

Press PF1 or type HELP while this message is displayed for more details.

R0166W

Data Cap must be NONE when tablespace is NOT LOGGED. Reset to NONE.

Press PF1 or type HELP while this message is displayed for more details.

R0167E

Altering existing table from MQT after altering its text not allowed.

Press PF1 or type HELP while this message is displayed for more details.

R0168E

DSNDB06 and DSNDB07 are invalid for the current Table Type.

Press PF1 or type HELP while this message is displayed for more details.

R0169E

INVALID TABLESPACE NAME.

Press PF1 or type HELP while this message is displayed for more details.

R0172W

Logged not supported on your DB2. Reset to YES.

Press PF1 or type HELP while this message is displayed for more details.

R0173E

Invalid Logged option. Valid values: Yes, No, All.

Press PF1 or type HELP while this message is displayed for more details.

R0176W

GBP CACHE IS NOT SUPPORTED ON YOUR DB2. GBP CACHE RESET TO BLANKS.

Press PF1 or type HELP while this message is displayed for more details.

R0177E

INVALID GBP CACHE OPTION. VALID VALUES: ALL AND CHANGED.

Press PF1 or type HELP while this message is displayed for more details.

R0178E

INVALID GBP CACHE OPTION. VALID VALUES: ALL, CHANGED AND NONE.

Press PF1 or type HELP while this message is displayed for more details.

R0179E

INVALID GBP CACHE OPTION. VALID VALUES: ALL, CHANGED, NONE AND SYSTEM.

Press PF1 or type HELP while this message is displayed for more details.

R0180I

PIECESIZE NOT SUPPORTED FOR PARTED INDEXES. PIECESIZE RESET TO BLANKS.

Press PF1 or type HELP while this message is displayed for more details.

R0181I

PIECESIZE HAS BEEN RESET TO MAXIMUM ALLOWED VALUE FOR THE TABLESPACE.

Press PF1 or type HELP while this message is displayed for more details.

R0182E

INVALID PIECESIZE VALUE. PRESS HELP FOR A LIST OF VALID VALUES.

R0183I

PIECESIZE HAS BEEN ADJUSTED &V1 TO THE NEAREST VALID VALUE.

Press PF1 or type HELP while this message is displayed for more details.

R0183W

PIECESIZE HAS BEEN ADJUSTED &V1 TO THE NEAREST VALID VALUE.

Press PF1 or type HELP while this message is displayed for more details.

R0184I

PIECESIZE - NOT SUPPORTED ON YOUR DB2 VERSION; RESET TO BLANKS.

Press PF1 or type HELP while this message is displayed for more details.

R0184W

PIECESIZE IS NOT SUPPORTED ON YOUR DB2. PIECESIZE RESET TO BLANKS.

Press PF1 or type HELP while this message is displayed for more details.

R0185W

One or more former *type1* table attributes will be reset because they are not compatible with *type2* to which Table Type was changed.

***type1* = TEMPORAL | REGULAR | MQT | AUXILIARY | GLOBALTEMP
type2 = REGULAR | MQT | AUXILIARY | GLOBALTEMP**

Press PF1 or type HELP while this message is displayed for more details.

R0186E

GRAPHIC data types are not allowed on &V16 tables.

Press PF1 or type HELP while this message is displayed for more details.

R0187E

Invalid Unique Rule option. Valid values: Yes, No, UNN.

Press PF1 or type HELP while this message is displayed for more details.

R0188E

Invalid Partitioned option. Valid values: YES and NO.

Press PF1 or type HELP while this message is displayed for more details.

R0189I

PIECESIZE HAS BEEN DEFAULTED TO value. PRESS HELP FOR DETAILS.

R0190I

Index Type changed to 2 because index is defined as not partitioned.

Press PF1 or type HELP while this message is displayed for more details.

R0191I

Index Type updated due to current tablespace attributes.

Press PF1 or type HELP while this message is displayed for more details.

R0192I

Index attributes have been updated to be compatible with type of index.

Press PF1 or type HELP while this message is displayed for more details.

R0193I

Unique Rule updated due to current table object attributes.

Press PF1 or type HELP while this message is displayed for more details.

R0194I

THE TABLE IDENTIFIED CANNOT BE FOUND IN THE CURRENT SUBSYSTEM.

Press PF1 or type HELP while this message is displayed for more details.

R0194W

The table object identified cannot be found in the current subsystem.

Press PF1 or type HELP while this message is displayed for more details.

R0197E

A key column change may have invalidated the limit values.

Press PF1 or type HELP while this message is displayed for more details.

R0197I

One or more USERIDs are too long and may not be selected.

Press PF1 or type HELP while this message is displayed for more details.

R0199E

Invalid table type. Table Name and Creator identify an implicitly created table for XML column.

Press PF1 or type HELP while this message is displayed for more details.

R0200E

***line_command* is an invalid/unrecognizable Table Partitioning Key line command.**

Reason:

The line command that was entered in the Table Partitioning Key list is invalid or unrecognizable. The invalid command is highlighted.

Valid commands are as follows:

- A—Place the column to be moved *after* this line.
- B—Place the column to be moved *before* this line.
- Dnn—Delete *nn* key columns (including this column) from the partitioning key. If *nn* is omitted, 1 is assumed.
- Mnn—Move *nn* key columns (including this column) to the location marked by either A or B. If *nn* is omitted, 1 is assumed.
- Snn—Select *nn* key columns (including this column) to move to the location marked by either A or B in the partitioning key. If *nn* is omitted, 1 is assumed.

Note: This command performs the same function as the *Mnn* command.

- DD—Use paired DD commands to delimit a block of key columns to delete from the partitioning key.
- MM—Use paired MM commands to delimit a block of key columns to move to the location marked by either A or B.
- SS—Use paired SS commands to delimit a block of key columns to move to the location marked by either A or B.

Note: This command performs the same function as the MM command.

Action:

Enter a valid command.

RO203E**REQUIRED PARAMETER <columnname> MISSING ON (UN)PROTECT COMMAND.****Reason:**

The PROTECT or UNPROTECT command that you entered is missing a required parameter. At least one column name, or an asterisk, must be included with the command.

Action:

You may specify more than one column at a time by placing a space or comma between each additional column name. To specify all columns without enumerating each one, specify an asterisk in place of the column name.

PRO STREET_ADDRESS < > Protects STREET_ADDRESS in all parts.

PRO EMPLOYEE_NUMBER,SSN < > Protects EMPLOYEE_NUMBER and SSN.

UNP * < > Unprotects all columns in all partitions.

If you wish to protect all values for a single partition without affecting adjacent rows or columns belonging to other partitions, use the P line command and enter it beside the row for the partition you want to protect.

Protected values cannot be modified, directly or indirectly, through user input or by any kind of line command.

RO204E**Column name *column_name* is invalid or does not exist.****Reason:**

A column name that was specified on the PROTECT or UNPROTECT command is invalid for *column_name*, or the column name is not a key column of the partitioning table or index.

Action:

Specify a valid column name (the name of a defined partitioning or index key column that is displayed on the screen).

To specify more than one column, place a space or comma between each additional column name (for example, specifying PRO EMPLOYEE_NUMBER,SSN protects EMPLOYEE_NUMBER and SSN).

To specify all columns, specify an asterisk in place of the column name (for example, specifying UNP * unprotects all columns in all partitions).

To protect all values for a single partition, without affecting adjacent rows or columns belonging to other partitions, enter **PR** beside the row for the partition you want to protect.

R0205E

Invalid command syntax on (UN)PROTECT command.

Reason:

The PROTECT or UNPROTECT command cannot be processed because it contains syntactical errors.

This error is usually caused by specifying a column name that contains embedded or unbalanced single or double quotation marks.

Action:

Correct the syntactical errors, utilizing the following rules:

- Enclose names containing embedded spaces with a balanced pair of single or double quotes (for example, 'MY COLUMN NAME' or "MY COLUMN NAME").
- Enclose names containing embedded single quotation marks with a balanced pair of double quotation marks (for example, "SAM'S COLUMN NAME").
- Enclose names containing embedded double quotation marks with a balanced pair of single quotation marks (for example, 'MY "COLUMN" NAME').

Note: Names containing a mixture of embedded single and double quotation marks are not supported.

RO206I

AUTO PARTS value

Reason:

Informs you of the new, current, or changed state of the Automatic Partitions Management option after explicitly entering the AUTOPARTS command on the primary command line, or after changing the name of the table for the index, thus forcing an automatic change in the Auto Parts setting.

This message is a general purpose message that displays when the AUTOPARTS command is entered or when there is a forced change in the current Auto Parts option setting because the tablespace of the table for the index satisfied or failed to satisfy certain minimum criteria.

The message displays with useful information whose content depends on what triggered the display of the message. The general format of the RO206I message is:

```
RO206I Auto Parts <aaa...a> <bbb...b>
```

Where, <aaa...a> is substituted with the current or new state of the Auto Parts option, and <bbb...b> is substituted with additional useful information that describes the tablespace of the table or the current display status.

The state <aaa...a> of the Auto Parts option is always unconditionally inserted into the message, regardless of what triggered its display. The additional information <bbb...b> is conditionally inserted into the message, depending on what triggered the message, such as an implicit change in the state of the Auto Parts option setting or a status request. Possible values for <aaa...a> are as follows:

- enabled-Indicates that the Auto Parts option is currently ON, or has been successfully set to ON. When Auto Parts is ON, the number of partitions in the tablespace for the index determines the number of partitions required for your index. Auto Parts can only be turned ON when all of the following occur:

- Your index is partitioned
- The table for your index is known
- The tablespace of the table for your index is known
- The tablespace is partitioned.

When this value displays, <bbb...b> in the message is substituted with information concerning the list of partitions that are displayed on the screen. Further details about the information displayed in place of <bbb...b> can be found later in this HELP under the When Auto Parts is ON section.

- disabled-Indicates that the Auto Parts option is currently OFF or has been successfully set to OFF. When Auto Parts is OFF, you, and not the tablespace of the table for your index, determine the number of partitions required for the index.

- re-enabled-Indicates that the Auto Parts option was implicitly turned back ON after being temporarily disabled. When this value displays, <bbb...b> in the message is substituted with additional information, including the name and kind of tablespace.
- temporarily disabled-Indicates that the Auto Parts option was implicitly, and temporarily, turned OFF because the tablespace of the table is not partitioned or it could not be found. This value also displays when attempting to set the Auto Parts option to ON, with the AUTOPARTS ON command, under the same circumstances. It essentially indicates a kind of “pending-ON” state. When required criteria is met, the Auto Parts option is automatically turned back ON. When this value displays, <bbb...b> in the message is substituted with additional information indicating why the option was disabled, including the name of the tablespace, if available, and the kind of tablespace.

Auto Parts is only applicable for partitioned indexes where the number of partitions for the tablespace of the table is known. Auto Parts is ignored when working with non partitioned indexes or indexes where the number of partitions for the tablespace of the table is unknown.

When Auto Parts is ON:

- The number of partitions displayed on the screen is always equal to the number of partitions in the table's tablespace.
- If there is an insufficient number of partitions defined for the index, the list of partitions displayed on the screen will be appended with blank partitions to equal the number in the table's tablespace.
- Blank partitions inserted into the list retain their original or changed position in the list and are not automatically deleted as is done when Auto Parts is OFF.
- When there are more partitions defined for the index than there are defined in the table's tablespace, only the number of partitions corresponding to the number of partitions in the tablespace are displayed and may be operated on by certain line commands. All extra partitions beyond this number are intentionally “hidden” from your view and are not displayed within the immediate list. Hidden partitions are protected and may not be directly operated on by any line commands. Hidden partitions are not considered part of the index when you enter the END, PF3 command, or otherwise indicate that you are finished. Hidden partitions are automatically discarded when you are finished.
- When inserting new partitions into the list, through the I (Insert), R (Repeat) or C (Copy) line commands, the same number of partitions as being inserted into the list are pushed off and hidden past the end of the list in order to make room for the new partitions being inserted. The partitions pushed off the end of the list are not immediately discarded or deleted, but are hidden from your view and protected from line commands that would otherwise cause them to be unexpectedly altered or deleted. It guarantees that the number of partitions in your index always matches the number of partitions in the tablespace of the table, while at the same time providing added flexibility when working with a strict number of partitions without the extra “side-lined” partitions getting in your way or cluttering up the list you are working on.

- When deleting partitions from the list, hidden partitions, if any, that space that the deleted partitions had previously occupied.
- If you want direct access to the hidden partitions in your list, turn the Auto Parts option OFF. Do this by entering the AUTOPARTS OFF command on the primary command line. When Auto Parts is OFF, you can see and work directly on all the partitions for your index, regardless of the number of partitions in the table's tablespace.
- When Auto Parts is ON, entering the AutoParts command on the primary command line, without any options, causes <bbb...b> in the displayed status message to be substituted with a running count of hidden partitions.
- Neither END nor PF3 will be honored if blank partitions remain in the viewable portion of the list. Extra partitions that are hidden from view, or are otherwise not displayed in the immediate list because the Auto Parts option is ON, are automatically discarded and are not included in the alteration or creation of the index.

When Auto Parts is OFF:

- The number of partitions displayed on the screen is determined by the user. The number of partitions in the table's tablespace has no influence on the number displayed on the screen.
- When no partitions are defined for the index, an initial display of 10 blank partitions are automatically inserted into the list displayed on the screen.
- When one or more partitions are defined for the index, blank partitions are automatically deleted and flushed from the list on pressing ENTER, PF3 or END. The I (Insert) line command must be used to insert new partitions.
- Neither END nor PF3 will be honored if the index has no defined partitions.

RO207I

AUTO PARTS OPTION SETTING HAS BEEN SAVED.

Reason:

The current Automatic Partitions Management (Auto Parts) option setting has been saved.

This saved setting will be used as the default setting the next time you create, alter or template a partitioned index. The saved setting will also be remembered across multiple sessions.

When saving the current Auto Parts setting when it is temporarily disabled, the ON setting is saved, but the option remains disabled.

Note: To view the current setting of the Auto Parts option at any time, enter the AP (AUTOPARTS) command on the primary command line without specifying any parameters. An informational message will display showing you the current state of the option setting.

RO208E

The &V1 command requires at least one key column and one partition.

Reason:

You entered the L line command or the LIMITS primary command for your partitioned index, but your index either has no key columns or no partitions defined.

When using the L line command or the LIMITS primary command, your partitioned index must have at least one key column and at least one partition defined.

The key column and partition must not be blank or incomplete in their definition. For example, a key column with a blank KEY-COLUMN-NAME or a partition with a blank VCAT and blank STOGROUP are considered blank and are not included in your index definition.

Note: You can use the KEY primary command to access the Index Column Selection & Key Maintenance screen and select, insert, or modify key columns for your index. However, limits may not be specified for indexes on table objects using table-controlled partitioning (TCP) or indexes whose table object already has limits defined through another index.

R0209E

&V1 is an invalid or unrecognizable &ro209v2 mode line command.

Reason:

The command that was entered on the Limit Key Values screen is unrecognizable or invalid for the indicated maintenance mode. The invalid line command is highlighted.

This message appears when your maintenance mode is VALUES ONLY or MAXVALUES, both of which support the same line commands.

Valid line commands as follows:

- A—Replace or exchange the limit key values for the partitions after this line with the limit key values of the partitions selected with the COPY (C or CC) or EXCHANGE (X or XX) commands.
- B—Replace or exchange the limit key values for the partitions before this line with the limit key values of the partitions selected with the COPY (C or CC) or EXCHANGE (X or XX) commands.
- Cnnn—Copy the limit key values of *nnn* partitions (including this partition) to the partitions marked by A or B. If *nnn* is omitted, 1 is assumed.
- CMAX—Clear all unprotected occurrences of MAXVALUE for this partition to blanks.
- PRnn—Protect the limit key values of *nn* partitions from being altered by user input or commands.

Note: This line command is similar to the PROTECT primary command, except that it works on a row-by-row basis rather than on a columnar basis. These settings are discarded upon leaving the Limit Key Values screen. If *nn* is omitted, 1 is assumed.

- Rnnn—Repeat the limit key values of this partition into the next *nnn* partitions immediately after this partition. If *nnn* is omitted, 1 is assumed.
- RES—Reset the limit key values of this partition to their *old* values. When this command is entered for a newly inserted partition that has no old definition, its limit values are reset to blanks.

Note: When in VALUES ONLY or MAXVALUES mode, deleted partitions are not displayed when COMPARE is ON, so the RES line command cannot be used to re-insert or recover deleted partitions. If you want to re-insert deleted partitions for a table object, you must be in PARTITIONS mode. If you want to re-insert deleted partitions for an index object, you must do so from the Index Create/Alter screen.

- SMAX—Set all unprotected limit values for this partition to MAXVALUE.
- SMAB—Set all unprotected blank limit values for this partition to MAXVALUE.
- SMAF—Set only the first unprotected blank limit value for this partition to MAXVALUE.
- SRC—Set the limit key values of this partition to its source definition values.

Note: This command is valid for CA RC/Migrator compares only.

- TRG—Set the limit key values of this partition to its target definition values.

Note: This command is valid for CA RC/Migrator compares only.

- *Unnn*—Undo the limit key values for *nnn* partitions (including this partition) and restore their old values. If *nnn* is omitted, 1 is assumed.
- *UNnn*—Unprotect the limit key values of *nn* partitions so that they may be altered by user input or commands.

Note: This line command is similar to the UNPROTECT primary command, except that it works on a row-by-row basis (rather than on a columnar basis). These settings are discarded when you leave the Limit Key Values screen. If *nn* is omitted, 1 is assumed.

- *Xnnn*—Exchange the limit key values of *nnn* partitions (including this partition) with the limit key values of the partitions marked by A or B (or with another explicit block of identical size marked by another *Xnnn* command). If *nnn* is omitted, 1 is assumed.
- CC—Use paired CC commands to delimit a block of partitions whose limit key values are to be copied to the partitions marked by A or B.
- PPR—Use paired PPR commands to delimit a block of partitions whose limit key values are to be protected.
- RR—Use paired RR commands to delimit a block of partitions whose limit key values are to be repeated into the partitions immediately *after* this block.
- UU—Use paired UU commands to delimit a block of partitions whose limit values are to be reset to their old values.
- UUN—Use paired UUN commands to delimit a block of partitions whose limit key values are to be unprotected.
- XX—Use paired XX commands to delimit a block of partitions whose limit key values are to be exchanged with the limit key values of the partitions marked by A or B (or another explicit block of identical size delimited by another pair of XX commands).

Action:

Enter a valid command.

R0220I**YOUR CHANGES HAVE BEEN SAVED.****Reason:**

All unsaved changes made to the object on this screen have been saved.

All changes up to this point will be preserved and will not be undone in the event that you exit this screen with the CANCEL command. For additional information on canceling unsaved changes, refer to the CANCEL command help.

Action:

If you wish to reset a saved change, within a screen list, to its original (OLD) value, you may do so using the RES (reset) line command. For additional information on resetting values in the screen list, refer to the RES line command.

For all screens, an implicit SAVE is done when you enter the END command or press the PF3 key, regardless of whether or not the screen supports a separate SAVE command.

R0221E**The LIMITS command is not allowed on a non partitioned index.****Reason:**

You entered the LIMITS primary command for a non partitioned index and the LIMITS command is only useful for partitioned indexes.

The LIMITS command is used for setting limit key values for partitioned indexes and is not valid for non partitioned indexes.

Action:

If you are creating a partitioned index and want to specify limit key values for the partitions, set the Partitioned field to **YES**, and then issue the LIMITS command.

Note: The LIMITS command is not allowed for indexes on table objects using table-controlled partitioning or indexes whose table object already has limits defined through another index.

R0222E**INVALID HIDE OPTION. VALID VALUES: Y AND N.****Reason:**

An invalid value was specified for Hide. Valid values are as follows:

- N—Specifies that you do *not* want the Column Name Selection list hidden.
- Y—Specifies that you want the Column Name Selection list hidden. Only the list's banner line is displayed, making more area available for displaying your table partitioning key or index key.

Note: If you need the Column Name Selection and Key lists to be simultaneously displayed and need to maximize the usable screen area for both lists, use the **H** (Header) primary command to disable the header portions of the two lists.

Action:

Enter a valid value for Hide.

R0223E**YOU MUST ENTER A LIMIT KEY VALUE FOR THE FIRST KEY COLUMN.****Reason:**

A limit value was omitted for the first key column of one or more partitions. All partitions must have a limit value for at least the first key column.

The empty field is highlighted. You cannot proceed until the problem is corrected.

Action:

To specify blanks for a CHAR (fixed length character) column, make sure the column's Format Mode/Method is set to DELIM (see FORMAT command), then enter one or more blanks surrounded by the < > delimiters.

Note: Format must be DELIM; otherwise, the <> delimiters are interpreted literally as part of the limit value.

To specify blanks for VARCHAR and LONGVAR (variable length character) columns, enter one or more blanks surrounded by the < > delimiters.

To leave this screen without saving your changes, enter **CANCEL**. All changes you made since the last save will be discarded.

Note: When the Format Mode/Method is CHAR or HEX, you can specify a single blank for the limit value for a CHAR column by entering one or more blanks enclosed in quotation marks. This is the *only* circumstance in which you can use quotation marks to enclose the value you want to use for the limit. Otherwise, quotation marks are always interpreted as part of the limit's data.

R0224E

LIMITS MUST BE CONTIGUOUS. INTERVENING KEY COLUMNS MAY NOT BE OMITTED.

Reason:

A limit value was omitted for one or more intervening or adjacent key columns. Limit values may not be omitted for columns that are positioned between other columns whose values are specified.

The empty field is highlighted. You cannot proceed until the problem is corrected.

Action:

To specify blanks for a CHAR (fixed length character) column, make sure the column's Format Mode/Method is set to **DELIM** (using the FORMAT command), then enter one or more blanks surrounded by the < > delimiters.

Note: Format must be DELIM; otherwise, the <> delimiters are interpreted literally as part of the limit value.

To specify blanks for VARCHAR and LONGVAR (variable length character) columns, enter one or more blanks surrounded by the < > delimiters.

To leave the screen without saving your changes, enter **CANCEL**. All changes you made since the last save will be discarded.

Note: When the Format Mode/Method is CHAR or HEX, you can specify a single blank for the limit value for a CHAR column by entering one or more blanks enclosed in quotation marks. This is the only circumstance in which you can use quotation marks to enclose the value you want to use for the limit. Otherwise, quotation marks are always interpreted as part of the limit's data.

R0225E

value IS AN INVALID OR UNRECOGNIZABLE KEY COLUMN LINE COMMAND.

Reason:

You entered an unrecognizable or invalid Key Column line command. For your convenience, the invalid line command is highlighted for you. Valid Key Column line commands are as follows:

- A-Place the column to be moved AFTER this line.
- B-Place the column to be moved BEFORE this line.
- Dnn-Delete nn key columns, including this one. If nn is omitted, 1 is assumed.
- Inn-Insert nn blank key columns immediately after this key column. If nn is omitted, 1 is assumed.

- K-Go to the Index Column & Key Maintenance screen to select one or more columns to insert immediately AFTER this key column. The A (AFTER) command is automatically inserted for you on the Index Column & Key Maintenance screen on the corresponding line that you entered the K command. You then select the columns, from the Index Column & Key Maintenance screen's Column Name Selection list, that you want to insert after this key column. Press PF3 when you are done.
- KA-This command performs the exact same function as the K command.
- KB-Go to the Index Column & Key Maintenance screen to select one or more columns to insert immediately BEFORE this key column. This command performs essentially the same function as the K and KA commands, except that the B (BEFORE) command is, instead, automatically inserted for you on the Index Column & Key Maintenance screen on the corresponding line that you entered the KB command.
- Mnn-Move nn key columns (including this one) to the location marked by A or B. If nn is omitted, 1 is assumed.
- RES-Reset this key column back to its old definition. When this command is entered for a newly inserted key column that has no OLD definition, the column is removed. When COMPARE is ON and this command is entered for a newly deleted column, the deleted column is reinserted into the key. On a partitioned index, the column's limit values are also reset in all the partitions.
- SRC-Set this key column to its Source definition. On a partitioned index, the column's limit values are also reset in all the partitions. This command is valid for CA RC/Migrator Compares only.
- TRG-Set this key column to its Target definition. On a partitioned index, the column's limit values are also reset in all the partitions. This command is valid for CA RC/Migrator Compares only.
- Unn-Undo nn key columns (including this one) and return them back to their old definitions. If nn is omitted, 1 is assumed. This command performs the same function as the RES command.

The following are valid Block Commands:

- DD-Block Delete. Use paired DD commands to delimit a block of key columns to delete.
- MM-Block Move. Use paired MM commands to delimit a block of key columns to move to the location marked by A or B.
- UU-Block Undo. Use paired UU commands to delimit a block of key columns to undo.

R0226E

value IS AN INVALID OR UNRECOGNIZABLE INDEX SPACE LINE COMMAND.

Reason:

You entered an unrecognizable or invalid index space line command for your non-partitioned index. For your convenience, the invalid line command is highlighted for you. Valid non-partitioned index space line commands are as follows:

- G-View/enter Group Bufferpool Cache information for this non-partitioned index.
- LC-Generate and browse IDCAMS LISTCAT for VSAM data set.
- RES-Reset this definition back to its old values.
- S-Perform Space Calculations for this non-partitioned index (goes directly to the Space Calculator and skips its options screen.)
- SO-Perform Space Calculations for this non-partitioned index (allows changing the Space Calculator options before going to the Space Calculator.)
- SRC-(CA RC/Migrator Compares only) Set all values for this definition to its Source definition values.
- TRG-(CA RC/Migrator Compares only) Set all values for this definition to its Target definition values.
- U-Undo (reset) definition back to its old values. (This command performs the same function as the RES command on a non-partitioned index.)
- V-Edit the VSAM Cluster Definition for this index.

Action:

Commands that are valid for use on only partitioned indexes have been intentionally omitted from the above list of valid commands. Only those commands that are valid for non-partitioned index spaces are shown here.

The invalid command must be corrected before processing can continue. Use the CANCEL command to discard your changes and return to the previous screen.

R0227E

value IS AN INVALID OR UNRECOGNIZABLE PARTITION LINE COMMAND.

Reason:

You entered an unrecognizable or invalid partition line command for your partitioned index. For your convenience, the invalid line command is highlighted for you.

Action:

Correct the invalid command.

R0228E

&V1 is an invalid or unrecognizable Column Name Selection command.

Reason:

An unrecognizable or invalid line command was entered in the Column Name Selection list. The invalid line command is highlighted.

Valid line commands are as follows:

- *Snn*—Select *nn* column names (including this name) and move them to the location marked by A or B in the partitioning key or index key. If *nn* is omitted, 1 is assumed.
- *SS*—Use paired *SS* commands to delimit a block of column names to move to the location marked by A or B in the partitioning key or index key.

Note: When you are using *Snn* or paired *SS* commands, only eligible columns are included in the selection. Columns that are displayed and not selectable (for example, columns names denoted with --- in the CMD field) are not included in the selection or the count specified by *nn*.

Action:

Enter a valid line command.

R0229E

&V1 is an invalid or unrecognizable Index Key line command.

Reason:

A syntactically invalid or unrecognizable line command was entered in the Index Key list. The invalid line command is highlighted. Valid commands are as follows:

- A (after)
- B (before)
- Dnn (delete *nn* key columns)
- Mnn (move *nn* key columns)
- Snn (select *nn* key columns)
- DD (paired delete command)
- MM (paired move command)
- SS (paired select command)

Action:

Enter a valid line command.

R0230E

Invalid WHEN option. Valid values are: AFTER, BEFORE, and INSTEAD.

Reason:

The product detected an invalid WHEN clause value for a trigger and highlighted the invalid value. The WHEN clause determines when triggered actions apply to the base table (relative to the event that activates the trigger). Valid values are as follows:

AFTER

Specifies that DB2 executes the triggered action *after* applying any changes caused by an insert, delete, or update operation on the subject table.

BEFORE

Specifies that DB2 executes the triggered action *before* applying any changes caused by an insert, delete, or update operation on the subject table. With this setting, the triggered action does not activate other triggers.

INSTEAD

Specifies that DB2 executes the triggered action *instead* of applying any changes caused by an insert, delete, or update operation on the subject table.

Action:

Specify a valid value or leave the WHEN option blank.

R0231E

Invalid Event option. Valid values: DELETE, INSERT and UPDATE.

Reason:

An invalid value was specified for the Event option. Event specifies the specific event that activates the trigger. Unless overridden by object definition defaults, the default is INSERT.

Note: For more information about object definition defaults, refer to the DEFAULTS primary command.

Action:

Enter a valid value.

Note: For information about valid values, see the online Help for the message.

R0232E

Invalid FOR EACH option. Valid values: ROW and STATEMENT.

Reason:

An invalid value was specified for the FOR EACH option. FOR EACH specifies whether DB2 executes the triggered action for each row of the subject table that the triggering SQL operation modifies, or only once for the triggering SQL operation.

Only ROW is allowed for BEFORE triggers. If other than ROW is specified for a BEFORE trigger, FOR EACH is automatically reset to ROW. Unless overridden by object definition defaults, the default is STATEMENT.

Note: For more information about object definition defaults, refer to the DEFAULTS primary command.

Action:

Enter a valid value.

Note: For information about valid values, see the online Help for the message.

R0233I

Invalid FOR EACH option. This option must be ROW for BEFORE and INSTEAD OF triggers. Reset to ROW.

Reason:

Granularity for BEFORE and INSTEAD OF TRIGGER must be ROW.

Action:

Granularity (FOR EACH option) is set to ROW. No action is required.

R0234I

Invalid WHEN default. Enter a listed value or blanks.

Reason:

An invalid value was specified for the WHEN default for a trigger. The invalid value has been highlighted, and the cursor is positioned to the value. WHEN specifies the time when triggered actions are applied to the base table, relative to the event that activates the trigger.

When the default is set to spaces, the default AFTER is used on the Trigger Create panel on initial display or when this default's corresponding field is subsequently blanked out on any panel. Additionally, the Apply Def command will apply no default, and the current value in the field will remain unchanged.

Action:

Enter a valid value or blanks.

Note: For information about valid values, see the online Help for the message.

R0235I

NEW, OLD_TAB, and NEW_TAB altered to spaces. Press HELP for info.

R0236I

OLD, OLD_TAB, and NEW_TAB altered to spaces. Press HELP for info.

R0237I

OLD_TAB and NEW_TAB altered to spaces. Press HELP for info.

R0238I

NEW and NEW_TAB altered to spaces. Press HELP for info.

R0239I

OLD and OLD_TAB altered to spaces. Press HELP for info.

R0240I

OLD, NEW, and NEW_TAB altered to spaces. Press HELP for info.

R0241I

OLD, NEW, and OLD_TAB altered to spaces. Press HELP for info.

R0242I

OLD and NEW altered to spaces. Press HELP for info.

R0243E

Valid COLUMNS values are N, Y, and U.

Action:

Enter N, Y, or U for the COLUMNS values.

R0244E

Valid REMARKS values are N, Y, and U.

Action:

Enter N, Y, or U for the REMARKS values.

R0245I

INDEX TYPE UPDATED FOR CURRENT VERSION OF DB2.

Reason:

The specified value for Index Type is not valid for your version of DB2 (or the mode in which your DB2 version is running). Index Type has been automatically changed to 2 to be compatible.

On DB2 versions less than 8 (or when running in the equivalent mode), Index Type must be 2. On DB2 versions less than 9 (or when running in the equivalent mode), Index Type must be 2 when the Partitioned option is NO (unless you are using CA RC/Migrator).

Action:

If this message appears every time you try to create an index, you might need to update your object definition defaults to reflect your DB2 version. Ensure that object attribute TYPE for object type INDEX is set to 2 in object definition defaults for your user ID.

Note: For information about object definition defaults, you can issue the DEFAULTS primary command.

R0246I

YOUR CURRENT SCREEN SETTINGS HAVE BEEN SAVED.

Reason:

The current settings and attributes for the screen on which you entered the SS (SaveSettings) command have been saved.

These saved settings will be used as the default settings the next time you return to the screen. These settings will also be remembered across sessions.

Note: The state of the header is not saved. If the header was disabled, or turned OFF, with the H (Header) command, the state of the header is restored to the default ON state the next time you return to the screen. This is by design.

R0247I

Your selection(s) have been auto-inserted into the key.

Reason:

The partitioning table or index for which you are selecting key columns did not already contain any key columns. The columns you selected have been automatically inserted for you.

Action:

None.

Note: When selecting columns for a partitioning table or index that already has one or more key columns defined for it, you will be required to specify where you want your selections to be inserted.

R0248E

ROSHARE and INDEXBP are mutually exclusive. Press HELP for info.

R0248W

Defaults for userid/mask &WRKUSER are corrupt. Using IBM defaults instead.

Reason:

The object definition defaults for the user ID or user mask are corrupt and could not be loaded. IBM defaults have been loaded instead. These defaults are a temporary set of predetermined default settings that are consistent with the DB2 defaults used by IBM.

Note: Although these temporary defaults are *not* the actual defaults defined for your user ID, the APPLY DEFAULTS command will still work.

Action:

Issue the **DEFAULTS** primary command to launch the Object Definition Defaults facility and create a new set of defaults for your user ID or mask.

If you are not authorized to create object definition defaults, contact your administrator for assistance. If the problem persists, contact CA Technical Support.

R0249E

Index BP may not be specified for a WORKFILE database.

Reason:

A default buffer pool name is not allowed for indexes for a workfile database.

Action:

If you want to define your object as a workfile database, specify DEFAULT for Index BP.

If you want to specify a default buffer pool name for indexes created within your database, and you do not want a workfile database, make sure the value for the AS option is set to something other than WORKFILE.

R0250W

Passwords are not supported on your DB2. Reset to blanks.

Reason:

Passwords are not supported on your DB2 version.

R0251E

DSSIZE and Large are mutually exclusive.

Reason:

DSSIZE and Large are mutually exclusive.

R0252E

For DSSIZE, tablespace must be Partitioned or LOB.

Reason:

DSSIZE only be used with Partitioned or LOB tablespaces.

R0253W

LOCKSIZE LOB is not supported in your DB2.

Reason:

LOCKSIZE LOB is not supported on your DB2 subsystem.

R0254E

A Lock Size of LOB may only be specified on a LOB Tablespace.

Reason:

You have specified a Lock Size of LOB for a tablespace that is not LOB. A lock size of LOB may only be specified on a LOB tablespace. For your convenience, the two conflicting options have been highlighted for you.

Action:

You must make your tablespace a LOB tablespace by specifying LOB for the TS Type, or change the Lock Size option to something other than LOB.

R0255E

LOCKSIZE must be ANY, TABLESPACE, TABLE, PAGE, ROW or LOB.

Reason:

An invalid value for LOCKSIZE has been specified.

Valid values are ANY, TABLESPACE, TABLE, PAGE, ROW and LOB.

R0256E

LOCKSIZE TABLE must be used with a segmented tablespace.

Reason:

If LOCKSIZE TABLE is specified, the tablespace must be segmented.

R0257E

A LOB tablespace must use LOCKSIZE ANY, TABLESPACE or LOB.

Reason:

An invalid value for LOCKSIZE for a LOB tablespace has been specified.

Valid values are ANY, TABLESPACE and LOB.

R0260W

Mbr Cluster not supported on your DB2. Mbr Cluster reset to blank

Reason:

You specified a value in the Mbr Cluster field and your version of DB2 does not support this option. In order to be compatible with your DB2 version, the Mbr Cluster field is reset to blanks and processing continues uninterrupted.

R0261E

Invalid Mbr Cluster value. Valid values are YES and NO

Reason:

You have specified an invalid value for the Member Cluster field. Valid values are as follows:

- YES-Specifies that Member Cluster is in effect for this tablespace.
- NO-Specifies that Member Cluster is not in effect for this table's Member Cluster.

R0262E

The specified LOB size is larger than the maximum allowed.

Reason:

The specified LOB size is larger than the maximum allowed.

R0263E

The specified LOB size is not valid.

Reason:

The LOB size is not valid.

Action:

Change the LOB size.

R0264I

Only one type matched your selection criteria. Type was auto-selected

Reason:

Only one column satisfied the selection criteria that you entered. Rather than presenting a screen and forcing you to select the column type, the column type was automatically selected for you.

Action:

None.

R0265E

Enter one "S" beside the type you want to select.

Reason:

You entered a character other than S beside a type, or you selected more than one type. You must select only one type from the list.

Action:

Select only one item from the displayed list by entering **S** beside the column type. If you had previously selected more than one item, you must remove the extra selections.

R0266I

Type cannot be found or no longer exists. Please enter new criteria.

Reason:

The specified type could not be found (or no longer exists).

Action:

Change the selection criteria so that the list yields one or more types.

Note: You may change the selection criteria as many times as you want in order to obtain different lists. If you enter END or CANCEL without making a selection, you will be returned to the previous screen with nothing selected.

R0267E

No applicable types match the selection criteria. Enter new criteria.

Reason:

An error occurred for one of the following reasons:

- No data types matched the specified selection criteria.
- No data types are applicable to the type of object being created or altered. If the object has no restrictions regarding use of data types, the data type probably does not exist.
- The type of object has restrictions regarding what data types are allowed in its definition. Examples are as follows:
 - If you are creating or altering a global temporary table, then XML, LOBs, and ROWIDs (and distinct types that are sourced on a LOB or ROWID) are excluded and not counted as matches.
 - If you are creating or altering a sequence, then only BIGINT, INTEGER, SMALLINT, and DECIMAL types with a scale of zero are counted as matches.
 - If you are creating or altering an external SQL procedure, then BIGINT, BINARY, DECFLOAT, ROWID, VARBIN, and all user-defined distinct types are excluded and not counted as matches.

Action:

Do *one* of the following:

- Change the selection criteria to yield data types that are valid for the DB2 version and that exist on the current subsystem.
- Ensure that selection criteria yields applicable data types for the object with which you are working.

Entering END or CANCEL without making a selection cancels the operation.

R0268E

Ambiguous type name. Please select one from the list below.

Reason:

You entered an ambiguous type name. A list of matching names appears for selection.

Type names may be abbreviated to the fewest number of characters that are not ambiguous relative to other names found within the same path or using the same selection criteria.

Action:

To select a type, enter **S** beside the name that you want.

Note: If the type you want does not appear in the list, you may change the selection criteria in order to create a new list. You may change the selection criteria as many times as you want in order to obtain different lists. If you enter END or CANCEL without making a selection, you will be returned to the previous panel with nothing selected.

R0269E

Sum of column sizes exceeds maximum Row Size by &V10 bytes

Reason:

The sum of column lengths specified for the table exceeds the maximum allowable row size.

Action:

Do *one* of the following to proceed with the creation or alteration of your table:

- Reduce the total row size by the amount given in this message.
- Use a tablespace with a larger page size.

Note: For complete information about determining tablespace page size and calculating row size for tables, see the online help for this message.

R0270I**ONE OR MORE OMITTED VALUES HAVE BEEN DEFAULTED. HELP FOR DETAILS.****Reason:**

One or more partition or index fields were defaulted because they were left blank.

Following is a list of fields and options, along with their associated default values that are automatically defaulted when intentionally omitted or left blank:

- PRIQTY-Minimum primary space allocation for a DB2-managed data set. The default is 12. For user-managed data set, this field will always be set to 0.
- SECQTY-Minimum secondary space allocation for a DB2-managed data set. The default is 12. For a user-managed data set, this field will always be set to 0.
- ERASE-Indicates whether the DB2-managed data sets are to be erased when they are deleted during the execution of a utility or an SQL statement that drops the index. The default is always NO.
- FREEPAGE-Specifies how often to leave a page of free space when index entries are created as the result of executing a DB2 utility or when creating an index for a table with existing rows. The default is 0.
- PCTFREE-Determines the percentage of free space to leave in each nonleaf page and subpage when entries are added to the index or index partition as the result of executing a DB2 utility or when creating an index for a table with existing rows. The default is 10.

Action:

You cannot change these built in defaults that are used. However, if you wish to change any of these inserted values to something else, you may do so by typing over them with a new value or by keying in the APPLY DEFAULTS command.

For a user managed data set, i.e. when VCAT is specified, the PRIQTY and SECQTY fields are always reset to zeros and neither may be overridden. Any non zero or non blank value entered into of these two fields will be ignored and reset to zero.

Blanking out both the VCAT and STOGROUP fields of a partition for a partitioned index is equivalent to specifying the D (DELETE) line command and will cause the partition to be deleted.

On an Index Create or on inserting a new partition, the initial values with which these fields are populated may be specified through Object Definition Defaults. For additional information on Object Definition Defaults, refer to the DEFAULTS and APPLY DEFAULTS commands.

R0271W**ONE OR MORE NUMERIC VALUES WERE OUT OF RANGE AND HAVE BEEN DEFAULTED.****Reason:**

One or more numeric fields for your partition or index were defaulted because they were out of range of the values allowed. Depending on the DB2, the range of valid values for some fields may vary. This warning may also be issued when changing from a user managed to a DB2 managed data set by clearing or blanking out the VCAT field if it had previously been non blank, causing the PRIQTY and/or SECQTY fields to be reset.

Following is a list of the numeric fields that are affected. Included is a description of each field's valid range, the values to which each field is automatically defaulted and the conditions under which they are defaulted.

- PRIQTY-Minimum primary space allocation for a DB2-managed data set. The valid range of values is 12 to 4194304. PRIQTY is defaulted to the minimum allowable value for the DB2 (always 12 for RCM) when the value entered is less than the minimum allowed for the DB2. PRIQTY is defaulted to 4194304 when the value entered is greater than 4194304. For a user-managed data set, PRIQTY is always defaulted to 0.
- SECQTY-Minimum secondary space allocation for a DB2-managed data set. The valid range of values is 0 to 4194304. SECQTY is defaulted to the maximum allowable value for the DB2 (always 4194304 for RCM) when the value entered is greater than the maximum allowed for the DB2. For a user-managed data set, SECQTY is always defaulted to 0.
- FREEPAGE-Specifies how often to leave a page of free space when index entries are created as the result of executing a DB2 utility or when creating an index for a table with existing rows. The valid range of values is 0 to 255. FREEPAGE is defaulted to 255 when the value entered is greater 255.
- PCTFREE-Determines the percentage of free space to leave in each nonleaf page and subpage when entries are added to the index or index partition as the result of executing a DB2 utility or when creating an index for a table with existing rows. The valid range of values is 0 to 99. It is not possible to enter a value into this field that is outside this range.

For a user managed data set, i.e. when VCAT is specified, the PRIQTY and SECQTY fields are always reset to zeros and neither may be overridden. Any non zero or non blank value entered into of these two fields will be ignored and reset to zero.

Action:

On an Index Create or on inserting a new partition, the initial values with which these fields are populated may be specified through Object Definition Defaults. For additional information on Object Definition Defaults, refer to the DEFAULTS and APPLY DEFAULTS commands.

R0272I**One or more part/space options overridden to be compatible with VCAT****Reason:**

Space or partition options have been overridden to be compatible with your user-managed partition or space definitions. When VCAT is not blank, the tablespace, indexspace, or partition is user-managed, in which case PRIQTY, SECQTY, and ERASE are not allowed.

This message might also be issued when changing from a DB2-managed data set to a user-managed data set by specifying a non-blank value in a blank VCAT field. In this situation, values in the PRIQTY or SECQTY field that were valid for a DB2-managed data set become invalid.

Action:

No action is required.

Note: If you want to create a DB2-managed partition or index, leave VCAT blank.

R0273E**ONE OR MORE NUMERIC FIELDS CONTAIN INVALID NUMBERS OR CHARACTERS.****Reason:**

One or more numeric fields for your partition or index contains syntactically invalid numeric values or non numeric characters. For your convenience, the fields found in error have been highlighted for you so they are easy to identify and the cursor has been positioned to the first invalid field.

Following is a list of the numeric fields to which this error pertains, as well as a brief description of each field and its range of valid values.

- PRIQTY-Minimum primary space allocation for a DB2-managed data set. The valid range of values is 12 to 4194304. For a user-managed data set, this field is forcibly set to 0 and cannot be overridden.
- SECQTY-Minimum secondary space allocation for a DB2-managed data set. The valid range of values is 0 to 4194304. For a user-managed data set, this field is forcibly set to 0 and cannot be overridden.
- FREEPAGE-Specifies how often to leave a page of free space when index entries are created as the result of executing a DB2 utility or when creating an index for a table with existing rows. The valid range of values is 0 to 255.
- PCTFREE-Determines the percentage of free space to leave in each nonleaf page and subpage when entries are added to the index or index partition as the result of executing a DB2 utility or when creating an index for a table with existing rows. The valid range of values is 0 to 99. It is not possible to enter a value into this field that is outside this range.

R0274E**INVALID ERASE VALUE. VALID VALUES: YES AND NO.****Reason:**

You specified an invalid value for the ERASE option. The ERASE option indicates whether the DB2 managed data sets are to be erased when they are deleted during the execution of a utility or an SQL statement that drops the index. Valid values for this option are as follows:

- NO-Does not erase the data sets. Operations involving data set deletion will perform better than ERASE YES. However, the data is still accessible, though not through DB2. This is the default.
- YES-Erases the data sets. As a security measure, DB2 overwrites all data in the data sets with zeros before they are deleted.

Action:

Correct this error by entering one of the above values for this option. A valid value must be entered before processing can proceed.

R0275E**Invalid ORDER value. Valid values are ASC, DESC, and RAND.****Reason:**

The product detected an invalid ORDER clause value for an index and highlighted the invalid value. Valid values are as follows:

ASC (Ascending)

Puts the index entries in ascending order by the column.

DESC (Descending)

Puts the index entries in descending order by the column.

RAND (Random)

Puts the index entries in a random order by the column.

Action:

Specify a valid value for the ORDER clause.

R0276E

INVALID COMMAND ENTERED ON THE COMMENTARY LINE. PLEASE DELETE.

Reason:

The command is not valid when entered on the commentary line. The command is discarded or flagged in error.

The Column Name Selection list does not support any commands on the commentary line. Any command or value entered on the commentary line is discarded, and processing continues.

In the Index Key list or Table Partitioning Key list, only the A and B commands can be entered on the commentary line. Any invalid command must be removed before processing can continue.

Action:

Remove the invalid command to allow processing to continue.

R0276W

INVALID COMMAND ENTERED ON THE COMMENTARY LINE. COMMAND DISCARDED.

Reason:

The command is not valid when entered on the commentary line. The command is discarded or flagged in error.

The Column Name Selection list does not support commands on the commentary line. Any command or value entered on the commentary line is discarded, and processing continues.

In the Index Key list or Table Partitioning Key list, only the A and B commands can be entered on the commentary line. Any invalid command must be removed before processing can continue.

Action:

Remove the invalid command to allow processing to continue.

R0277E**INVALID COMMAND ENTERED ON THE COMMENTARY LINE. PLEASE DELETE.****Reason:**

You entered a command on the comment line in the Key Column List (i.e. the comment that indicates that there are no key columns for the index) and the command you entered is not one that is valid when entered on this specific comment line. Only those commands listed here are allowed.

- Inn-Insert nn user-defined key columns. If nn is omitted, 1 is assumed.
- K-Go to the Index Column & Key Maintenance screen to select columns to insert into the index. The list of columns to choose from is built based on the columns that are defined for the table you have specified for your index.
- KA-This command performs the exact same function as the K command.
- KB-This command, when no key columns are defined for the index, performs the exact same function as the K and KA commands.

R0278E**DUPLICATE 'K' LINE COMMANDS. PLEASE DELETE ALL DUPLICATES.****Reason:**

You entered one or more duplicate K line commands in the Key Column list. Only one K line command may be entered at any given time, including the KA and KB line commands. For your convenience, all K line commands have been highlighted for you and the display positioned to the last duplicate K command that was found in the list.

Action:

When using the K, KA and KB line commands, only one may be entered. These K commands specify the point at which you want to insert additional columns into your index key from a list of columns to choose from. When any one of the K commands are executed, the Index Column Selection & Key Maintenance screen displays. From this screen, you can select the columns that you want to insert into your index key. For your convenience, when the K or KA command is entered beside a key column, the A (AFTER) command is automatically inserted for you on the Index Column Selection & Key Maintenance screen beside the same key column for which you entered the K or KA command. When the KB command is entered, the B (BEFORE) command is automatically inserted for you.

Before processing can continue, you must delete all duplicate K, KA and KB line commands from the list.

R0279E

The &V1 &V2 command requires a valid name of an indexable table that has defined columns.

Reason:

You entered the K, KA, or KB line command or the KEY primary command; however, the table specified for your index is not a type on which an index is allowed that also has at least one column defined.

Following are more specific possible causes of this error:

- A non-existent or undefined table was specified for the index or a name containing unresolved selection criteria.
- A global temporary table was specified for the index.
- In a CA RC/Migrator strategy, a materialized query table was specified for the index; however, no columns are defined for the materialized query table in the table column list of the Table Alter, Create, or Template panel.

Action:

To continue using the table name anyway, manually enter the necessary column information into the Index Alter, Create, or Template panel's Key Column List. If you are working with a CA RC/Migrator strategy, you can optionally go back to the table for the index that is defined in your strategy and, in the table's Table Column List, define the column(s) that you want to select for your index key. Then you can return to creating or editing your index. The KEY command will now invoke the Index Column Selection & Key Maintenance panel and display the column(s) you just defined for the table.

R0280E

&R0280V is an invalid type for a key column or indexed table column.

Reason:

DB2 does not support the data type or table column that was specified for an index or table-controlled partitioning (TCP) key. Data type restrictions are as follows:

- For non-partitioned indexes, you cannot specify the following types:
 - LOB and DECFLOAT data types (and distinct types sourced on these types)
 - XML data types

- For indexes defined with the clauses `PARTITIONED` or `PARTITION BY RANGE`, you cannot specify the following types:
 - `LOB`, `BINARY`, `VARBIN` and `DECFLOAT` data types (and distinct types sourced on these types)
 - `XML` data types

Note: `BINARY` and `VARBIN` can be specified for a Data Partitioned Secondary Index (DPSI).

- For tables defined with the partitioning scheme `PARTITION BY RANGE`, you cannot specify the following types:
 - `LOB`, `BINARY`, `VARBIN`, and `DECFLOAT` data types (and distinct types sourced on these types)
 - `XML` data types

When you alter the data type of an indexed table column, the new type must be allowed for the index defining the key.

For example, suppose an `INTEGER` column is defined in a table that is also a member of an index key. You cannot alter the data type of that column from `INTEGER` to `DECFLOAT` because a `DECFLOAT` column cannot be specified as a key column.

Action:

Correct the invalid type or table column specification. To display a list of available types, leave the column type blank.

Note: If you are using an CA RC/Migrator strategy, you can alter or drop the indexes within the same strategy to eliminate the conflicts.

R0281E

INVALID N (NULL) VALUE. VALID VALUES: Y AND N.

Reason:

You specified an invalid value in the `N (NULL)` field for the index key column. For your convenience, the cursor has been positioned and the field in error highlighted for you so it is easy to identify and correct. Valid values are as follows:

- `Y`-Column is nullable and can contain null values. This is the default.
- `N`-Column is not nullable and cannot contain null values.

If you key in a blank, the blank will be substituted with the default `Y`.

R0282E**MISSING COLUMN INFORMATION PREVENTS value1 value2 COMMAND PROCESSING.****Reason:**

You entered the L line command or the LIMITS primary command and there is at least one column defined for the index that has incomplete column information.

Action:

When using the L (Limits) line command or the LIMITS primary command, all key columns defined for the index must have complete and valid information.

The following information must be complete and valid before either command will be accepted:

- KEY-COLUMN-NAME-Column name, which is required in order for the column to be kept as part of the index key. Columns with blank names are automatically deleted from the index.
- ORDER-Order in which the key column's limit values are arranged, which may be set to ASC (ascending) or DESC (descending) order.
- COLTYPE-Column's data type. This data type determines the type of data expected and to be validated when working with limit values.
- SRCTYPE-Informational output field that shows the built-in data type on which the column's type is sourced when the column's data type is a UDT (User-Defined Distinct Type.)
- SIZE-Size of the data, in characters.
- N-Null indicator, which must be set to Y (nulls allowed) or N (nulls not allowed.)

Action:

Inspect and verify that all columns are complete and that they contain all necessary column information before re entering the command.

R0283W**THE TABLE FOR YOUR PARTITIONED INDEX DOES NOT RESIDE IN A PARTED TS.****Reason:**

The table specified for your partitioned index does not reside in a partitioned tablespace.

Action:

If you wish to create a partitioned index, the table for which you are creating the index must reside in a partitioned tablespace.

If you do not want to create a partitioned index, you need to set the Partitioned option to NO.

You may ignore this warning; however, doing so may produce SQL errors if the generated DDL is executed on the current DB2 subsystem.

R0284W**NUMBER OF PARTS DOES NOT EQUAL THE NUMBER OF PARTS IN THE TABLE'S TS.****Reason:**

The number of partitions that you created for your index does not match the number of partitions in the table's tablespace.

For your convenience, the number of partitions needed for your index displays to the right of the Partitions option on the Index Alter/Create/Template screen.

Action:

You may ignore this warning; however, doing so may produce SQL errors if the generated DDL is executed on the current DB2 subsystem.

Note: Setting the Auto Parts option to ON enables the Automatic Partitions Management Option. It guarantees that the proper number of partitions is always displayed for you on the Index Alter/Create/Template screen. To enable Auto Parts, enter the AUTOPARTS ON command on the primary command line. Entering the AUTOPARTS command without any options, displays the current state of the Auto Parts option. For addition information, refer to the AUTOPARTS primary command Help.

R0285E

AUTOPARTS: ONE OR MORE BLANK PARTS HAVE BEEN DETECTED. PLEASE CORRECT.

Reason:

Auto Parts detected one or more partitions in your index where neither a VCAT nor a STOGROUP was specified.

When Auto Parts is ON, all displayed partitions must have a VCAT or a STOGROUP. Blanks for both VCAT and STOGROUP is not allowed.

Action:

If you want to create an index that has a different number of partitions than that of the table's tablespace, you must turn the Auto Parts option OFF. To do this, enter the AUTOPARTS OFF command on the primary command line. Note that entering the AUTOPARTS command without any options displays the current state of the Auto Parts option. For additional information, refer to the AUTOPARTS primary command Help.

R0286I

SELECT IS PENDING.

Reason:

There are one or more pending selects and you must enter an A, B or S line command, or a SS/SS line command pair in order to complete the selection operation. For your convenience, the involved line commands have been highlighted for you.

The line commands listed below are used to specify the source or destination of a selection.

- A-Identifies the destination of the selection.
- B-Identifies the destination of the selection.
- Sn-Identifies the lines or range of lines being selected.
- SS-Identifies the start and end of a range of lines being selected.

Action:

When making a selection, you must specify a destination for your selection using the A or B line command. You must also specify the lines you want to select by using the S line command, or a pair of SS line commands.

R0287I**EXCHANGE IS PENDING.****Reason:**

There is a pending data exchange and you must enter an A, B or X line command, or an XX/XX line command pair in order to complete the data exchange operation. For your convenience, the involved line commands have been highlighted for you.

Action:

The line commands listed below are those that are used to specify the lines between which data is to be exchanged.

- A-Identifies that the lines AFTER this one are to be exchanged.
- B-Identifies that the lines BEFORE this one are to be exchanged.
- Xn-Identifies the line or range of lines.
- XX-Identifies the start and end of a range of lines.

To exchange data between lines, you must specify two groups of lines. You do this in one of two ways. 1) with the X command or a pair of XX block commands in conjunction with the A or B command, or 2) with a pair of matching X commands or a pair of matching XX/XX block commands. When using A or B, only as many lines that are AFTER or BEFORE the line marked with A or B and up to the data in the lines within the range specified with X or XX/XX, are exchanged. When not using A or B, the two groups must be identical in size.

R0288E**PAIRED EXCHANGE COMMANDS command1 AND command2 ARE NOT IN BALANCE.****Reason:**

You entered a pair of exchange commands and the ranges specified between the two are not equal. This message shows the two exchange commands that are not in balance. For your convenience, the two unbalanced line commands have been highlighted for you and the cursor positioned to the second command that is in error.

Action:

This kind of error is caused when two X line commands are specified with unequal ranges. When using two X line commands to specify two ranges of lines between which each others data is to be exchanged, ensure that the ranges specified among the two X line commands are equal.

Note: When you do not wish to manually count or verify the sizes of the two ranges, for example, and they happen to be of an unequal sizes, use the A (AFTER) or B (BEFORE) line command to identify one of the two. Only the count of lines corresponding with the smaller of the two blocks will be exchanged.

R0289E

PAIRED EXCHANGE BLOCKS XX/XX AND XX/XX ARE NOT IN BALANCE.

Reason:

You entered two pairs of exchange block commands and the ranges of the two blocks are not equal. For your convenience, the four XX commands identifying the two unbalanced blocks have been highlighted for you and the cursor positioned to the end of the second block that is in error.

Action:

When using two pairs of XX/XX BLOCK commands to specify two ranges of lines between which each others data is to be exchanged, ensure that the size of the two blocks is identical.

Note: When you do not wish to manually count or verify the sizes of the two ranges, for example, and they happen to be of an unequal sizes, use the A (AFTER) or B (BEFORE) line command to identify one of the two. Only the count of lines corresponding with the smaller of the two blocks will be exchanged.

R0290W

One or more limit values were not altered because they are protected.

Reason:

One or more limit values was not altered because of being in a protected state (via the PROTECT primary command or line command). Only unprotected values (if any) were altered.

The following commands are blocked from modifying the content of a protected limit value:

- Cnn
- CC
- CLEARMIN
- CLEARMAX
- CMAX
- CMIN
- Rnn
- RES
- SETMIN
- SETMAX

- SMAB
- SMAF
- SMAX
- SMIB
- SMIF
- SMIN
- SRC (valid for CA RC/Migrator compares only)
- TRG (valid for CA RC/Migrator compares only)
-
- *Xnn*
- XX

Note: Commands that are only available in Partitions mode are not listed here because the PROTECT and UNPROTECT primary/line commands are not supported in Partitions mode.

Action:

To modify the data of a protected value, unprotect the value by issuing the UNPROTECT primary command, the UN line command, or a pair of UUN block commands.

R0291E

THE AUTOPARTS COMMAND IS NOT AVAILABLE FOR NON PARTITIONED INDEXES.

Reason:

You entered the AUTOPARTS primary command for a non partitioned index and the AUTOPARTS command is only available for use on partitioned indexes.

The AUTOPARTS command is used for viewing, setting or saving the Automatic Partitions Management option used when altering, creating or templating partitioned indexes and is not valid for non partitioned indexes.

Action:

If you are creating a partitioned index and wish to view or set the Auto Parts option, you must first specify that the index is partitioned by setting the Partitioned field in the top portion of the screen to YES prior to issuing the AUTOPARTS command.

R0292W**AUTOPARTS: ONE OR MORE PARTS PUSHED OFF END OF LIST AND OUT OF VIEW.****Reason:**

Because you executed a line command or altered an attribute for your index that caused the number of partitions in the displayable part of the list to exceed the number of partitions in the table's tablespace, Auto Parts has temporarily pushed an equal number of partitions off the end of the displayable portion of the list and hid them from your view.

When Auto Parts is ON and the number of partitions in the list exceed the number of partitions in the table's tablespace, only the first *n* partitions in the list for your index are displayed and may be operated on by certain line commands (where *n* is the number of partitions in the tablespace that contains the table for which you are creating or altering the index.) Partitions that are intentionally hidden from your view, and are not displayed within the immediate list, are protected and may not be directly operated on by any line commands. Nor are these hidden partitions considered part of the index when you enter the END or PF3 command or otherwise indicate that you are finished updating your index. This is by design.

When Auto Parts is ON and you insert new partitions into the list, through the I(nsert), R(epeat) or C(opy) line commands, an equal number of partitions are pushed off and hidden past the end of the list in order to make room for the new partitions being inserted. The partitions pushed off the end of the list are not immediately discarded or deleted, but are hidden from your view and protected from line commands that would otherwise cause them to be unexpectedly altered or deleted. This is a feature of Auto Parts when working with partitioned indexes. It guarantees that the number of partitions in your index always matches the number of partitions in the tablespace of the table, while at the same time providing added flexibility when working with a strict number of partitions without the extra "side lined" partitions getting in your way or cluttering up the list you are working on.

Action:

If you want direct access to the hidden partitions in your list, turn the Auto Parts option OFF. Do this by entering the AUTOPARTS OFF command on the primary command line. When Auto Parts is OFF, you can see and work directly on all the partitions for your index, regardless of the number of partitions in the tablespace that contains your table.

Auto Parts can only be turned ON for partitioned indexes, and when the table for the index is known and the tablespace of the table is partitioned. For more information about the Automatic Partitions Management Option, refer to the AutoParts primary command HELP.

Note: Entering the AutoParts command on the primary command line, without any options, will provide you with the current state of the Auto parts option. When Auto Parts is ON, a running count of hidden partitions is also displayed.

R0293E**EITHER VCAT OR STOGROUP MUST BE SPECIFIED TO USE THE L LINE COMMAND.****Reason:**

You entered the L (Limits) line command for a blank partition and the L line command requires that the VCAT or STOGROUP be specified before the command can be used. For your convenience, the line command that is in error is highlighted for you.

Action:

The L line command allows you to enter or edit the limit key values for a specific partition, but the partition's VCAT or STOGROUP field must first be filled in before the command can be used. Specify a VCAT or a STOGROUP for the partition before re issuing the L line command.

Note: A partition that has both a blank VCAT and a blank STOGROUP is interpreted as blank. Additionally, depending on the setting of the Auto Parts Option, blank partitions are automatically excluded from your index definition or must be filled in before pressing END or PF3. For additional information, refer to the AUTOPARTS primary command Help.

R0294E**EITHER VCAT OR STOGROUP MUST BE SPECIFIED TO USE THE G LINE COMMAND.****Reason:**

You entered the G (Group Bufferpool Cache Setting) line command for a blank table space or tablespace partition, or blank index space or index space partition, and the G line command requires that the VCAT or STOGROUP be filled in before the command is used. For your convenience, the line command that is in error is highlighted for you.

Action:

The G line command displays the Group Bufferpool Cache Setting popup screen so that you can specify what pages of the table space or index space, or table space or index space partition, are written to the group buffer pool in a data sharing environment. However, the VCAT or STOGROUP field must first be filled in before the command can be used. Specify a VCAT or a STOGROUP before reissuing the G line command.

R0297I**AUTOPARTS: ONE OR MORE PARTS BROUGHT BACK INTO VIEW FROM HIDDEN AREA.****Reason:**

Because you executed a line command or altered an attribute for your index that caused the number of partitions in the displayable part of the list to fall below the number of partitions in the table's tablespace, Auto Parts has brought back into view an equal number of partitions that were previously side lined or hidden from your view.

When Auto Parts is ON and the number of partitions in the list falls below the number of partitions in the tablespace that contains the table, an equal number of blank partitions are appended or previously hidden (or sidelined) partitions are pulled back into the bottom of the list.

Action:

This message displays only when hidden partitions are pulled back into the list. When this happens, you should be aware that these partitions may not be blank and may need to be inspected.

When no hidden (or sidelined) partitions exist and you delete one or more partitions or otherwise reduce the number of partitions in the displayable portion of the list such that the number falls below the number in the table's tablespace, the R0297I message is not displayed. When this happens, no message displays and the list is appended with an equal number of blank partitions to make up the difference.

If you want direct access to the hidden partitions in your list, turn the Auto Parts option OFF. Do this by entering the AUTOPARTS OFF command on the primary command line. When Auto Parts is OFF, you can see and work directly on all the partitions for your index, regardless of the number of partitions in the tablespace that contains your table.

Auto Parts can only be turned ON for partitioned indexes, and when the table for the index is known and the tablespace of the table is partitioned. For more information about the Automatic Partitions Management Option, refer to the AutoParts primary command HELP.

Note: Entering the AutoParts command on the primary command line, without any options, will provide you with the current state of the Auto parts option. When Auto Parts is ON, a running count of hidden partitions is also displayed.

R0298I**SELECTED OBJECT CONTAINS LOWER CASE CHARACTERS. MATCHCASE DISABLED.****Reason:**

This message informs you that the Matchcase option, which had been set to CAPS, has been temporarily turned OFF due to one or more of the following reasons:

- The name of the object that you selected, or the name of a dependent object that shows on the screen, contains lower case characters.
- On a CREATE, one or more user-defined defaults applied to your object contains lower case characters.
- You Pplied defaults to your object with the APPLY DEF command and one or more default values applied to your object contains lower case characters.
- You reset the object's attributes to its OLD value with the RESET command and one or more OLD values contains lower case characters.
- You set the object's attributes on a CA RC/Migrator COMPARE to that of its SOURCE values with the SOURCE command and one or more SOURCE values contains lower case characters.
- You set the object's attributes on a CA RC/Migrator COMPARE to that of its TARGET values with the TARGET command and one or more TARGET values contains lower case characters.

The Matchcase option controls how object name processing regarding case sensitivity is to be handled. When Matchcase is ON (enabled,) names of objects are accepted as entered and are case sensitive. When Matchcase is OFF (disabled,) names of objects are accepted as entered and are NOT case sensitive. When Matchcase is set to CAPS, names are unconditionally forced to uppercase.

Action:

If you want to alter the current state of the Matchcase option, you can do so by entering any of these MATCHCASE commands on the primary command line:

- MATCHcase ON-Enables matchcase by setting the Matchcase option to ON.
- MATCHcase OFF-Disables matchcase by setting the Matchcase option to OFF.
- MATCHcase CAPS-Sets the Matchcase option to CAPS ONLY.

Entering the MATCHCASE command without an option will display the current state of the Matchcase option.

R0299W**AUTOPARTS: ONE OR MORE HIDDEN PARTITIONS WERE NOT &V1****Reason:**

Auto Parts processed a Copy, Delete, Move or RESet/Undo command that specified a range beyond the end of the region of directly accessible and updateable partitions. Indicates the specific operation that was being performed at the time this condition was detected.

When Auto Parts is ON and the number of partitions in the list exceed the number of partitions in the table's tablespace, only the first n partitions in the list for your index are displayed and may be operated on by certain line commands (where n is the number of partitions in the tablespace that contains the table for which you are creating or altering the index.) Partitions that are intentionally hidden from your view, and are not displayed within the immediate list, are protected and may not be directly operated on by any line commands. Nor are these hidden partitions considered part of the index when you enter the END or PF3 command or otherwise indicate that you are finished updating your index. This is by design.

When Auto Parts is ON and you insert new partitions into the list, through the I(nsert), R(epeat) or C(opy) line commands, the same number of partitions inserted into the list are pushed off and hidden past the end of the list in order to make room for the new partitions being inserted. The partitions pushed off the end of the list are not immediately discarded or deleted, but are hidden from your view and protected from line commands that would otherwise cause them to be unexpectedly altered or deleted. This is a feature of Auto Parts when working with partitioned indexes. It guarantees that the number of partitions in your index always matches the number of partitions in the tablespace of the table, while at the same time providing added flexibility when working with a strict number of partitions without the extra "side lined" partitions getting in your way or cluttering up the list you are working on.

Action:

If you want direct access to the hidden partitions in your list, turn the Auto Parts option OFF. Do this by entering the AUTOPARTS OFF command on the primary command line. When Auto Parts is OFF, you can see and work directly on all the partitions for your index, regardless of the number of partitions in the tablespace of the table for your index.

Auto Parts can only be turned ON for partitioned indexes, and when the table for the index is known and the tablespace of the table is partitioned. For more information about the Automatic Partitions Management Option, refer to the AutoParts primary command HELP.

Note: Entering the AutoParts command on the primary command line, without any options, will provide you with the current state of the Auto parts option. When Auto Parts is ON, a running count of hidden partitions is also displayed for your convenience.

R0300I

LOCKMAX value is out of range. Maximum value substituted.

Press PF1 or type HELP while this message is displayed for more details.

R0301E

Size is either invalid or contains a syntax error. Please re-enter

Press PF1 or type HELP while this message is displayed for more details.

R0302E

Size is either invalid or out of range. Please re-enter.

Press PF1 or type HELP while this message is displayed for more details.

R0303E

Size is invalid for your DB2. Please re-enter.

Press PF1 or type HELP while this message is displayed for more details.

R0304E

LOB size is either invalid or out of range. Please re-enter.

Press PF1 or type HELP while this message is displayed for more details.

R0305E

The V(alue) command does not support the *data type* column type.

Press PF1 or type HELP while this message is displayed for more details.

R0306E

Invalid viewing option. Valid values are &V14.

Press PF1 or type HELP while this message is displayed for more details.

R0307E

Newly inserted column. Old data is not available for this column.

Press PF1 or type HELP while this message is displayed for more details.

R0308E

Invalid NULL option. Valid values are Y and N.

Press PF1 or type HELP while this message is displayed for more details.

R0309I

Column Null Indicator invalid for *data type or column*. Indicator changed to N.

Press PF1 or type HELP while this message is displayed for more details.

R0310E

Invalid DEFAULT option for ROWID data type. Valid values are A and D.

Press PF1 or type HELP while this message is displayed for more details.

R0311E

Invalid DEFAULT option for LOB data type. Valid values are N and Y.

Press PF1 or type HELP while this message is displayed for more details.

R0312E

Invalid DEFAULT option for LOB data type. Valid values are Y and space.

Press PF1 or type HELP while this message is displayed for more details.

R0313E

INVALID DEFAULT OPTION. VALID VALUES ARE C, N, S, U AND Y.

Press PF1 or type HELP while this message is displayed for more details.

R0314E

Invalid DEFAULT option. Valid values are C, S, U, Y and space.

Press PF1 or type HELP while this message is displayed for more details.

R0315E

Invalid FORDATA option. Valid values are &V24.

Press PF1 or type HELP while this message is displayed for more details.

R0316E

The *Fn* line command does not support the &V18 column type.

Press PF1 or type HELP while this message is displayed for more details.

R0317E

The *Pn* line command does not support the &V18 column type.

Press PF1 or type HELP while this message is displayed for more details.

R0318E

Check limit key values. Press HELP for more information.

R0319E

Enter limit key values to continue "end-processing." Cancel to return.

Press PF1 or type HELP while this message is displayed for more details.

R0320E

Invalid LOCKMAX value. &V47.

Press PF1 or type HELP while this message is displayed for more details.

R0321I

LOCKMAX has been defaulted to &V6.. Press HELP for more info.

R0322E

Type conversion for column *column_name* is invalid and has been reset to its previous value(s).

Reason:

You attempted to alter the data type for one or more columns, but the alteration required conversion to a data type that is not supported by data unload and load utilities. Each pertinent column's COLUMN TYPE, SIZE, and SCHEMA have been automatically reset to the previous values.

This message shows the name of the column whose data type was reset (or the name of the last affected column, if more than one column was reset).

Action:

No action is required.

R0323E

GBPCACHE SYSTEM is only valid for LOB tablespaces.

Reason:

Indicates you attempted to specify GBPCACHE SYSTEM for other than a LOB tablespace. Valid values for non-LOB tablespaces are as follows:

- ALL-All pages are cached.
- CHANGED-Only changed pages are cached.
- NONE-No pages are cached.

R0324E

GBPCACHE SYSTEM is only valid for a LOB TS, change ignored.

Reason:

Indicates you attempted to specify GBPCACHE SYSTEM for other than a LOB tablespace. Your change has been ignored for the partition you attempted to change. Valid values for non-LOB tablespaces are:

- ALL-All pages are cached.
- CHANGED-Only changed pages are cached.
- NONE-No pages are cached.

R0325E

PPX apply limit value routines not found.

Reason:

The apply limit values needed by CA Partition Expert were not found.

R0326E**THE DEFAULT OPTION CONFLICTS WITH THE COLUMN'S FLDPROC SPECIFICATION****Reason:**

Indicates a column was found with a FLDPROC (Field Procedure Exit) specification; however, the Default Option is not one that is valid when FLDPROC is used. The fields in conflict are highlighted.

If you receive this message on the Table Alter, Create, or Template screens, you might need to scroll the display up, down, left, or right to view the conflicting fields.

Based on the specified setting of the column's NULL option, the following shows the Default Options that are valid when also specifying a Field Procedure Exit.

N	D	Description
-	-	-----
Y	N	Nullable with DEFAULT NULL, causes no DEFAULT clause to be built.
N		NOT NULL with no default, causes only the NOT NULL clause to be built.
U		NOT NULL UNIQUE, causes only the NOT NULL UNIQUE clause to be built.

Any other combination of the NULL and DEFAULT options causes the DEFAULT clause to be inserted into your DDL, which is not valid when also specifying FLDPROC.

Action:

To correct this error, change the Default Indicator to one that is valid when specifying a FLDPROC name, or remove the Field Procedure Exit specification by blanking out the column's FLDPROC field. The discrepancy must be corrected before processing can continue.

R0327E**Invalid APPEND option. Valid values: Y, N.****Reason:**

An invalid value was specified for the APPEND option. The cursor is positioned to the erroneous field. Valid values are:

Y

Includes the APPEND YES clause in your generated DDL.

On an ALTER, unless APPEND is being changed to Y, no clause is inserted into the generated DDL.

On a CREATE, when APPEND is Y, the APPEND YES clause is inserted into the generated DDL.

N

Does *not* include the APPEND clause in your generated DDL.

On an ALTER, unless APPEND is being changed to N, no clause is inserted into the generated DDL.

On a CREATE, when APPEND is N, the APPEND NO clause is not inserted into the generated DDL and is allowed to default per DB2 rules.

The APPEND clause must not be specified for a table that is created in a work file tablespace.

This field is supported by object definition defaults. On a CREATE, this field initially defaults to NO unless overridden with a non-blank default value.

Action:

Enter a valid value and then retry the operation.

R0330E

Data in column *column_name* exceeds maximum column width.

Reason:

The data type of the column named in the message is CHAR, VARCHAR or LONGVAR. The specified length of the limit value exceeds the maximum length allowed for that column.

The display area for varying-length character columns—and for CHAR data types whose formatting method is DELIM (see FORMAT primary command)—contains two extra bytes so that the special delimiters < > can be used to preserve trailing blanks. If your limit value is not enclosed in these delimiters, you should ensure that you leave at least two unused trailing blanks. For example, if you edit a limit value for a VARCHAR column whose maximum column length is 5, the display area for that column is 7 bytes (not 5).

The following examples discuss valid and invalid values for columns whose data type is defined with a length of 5:

- A column name value of <abc > is valid.
- A column name value of abc is valid.
- A column name value of abcdefg is invalid. The string contains too many characters.

Action:

Ensure that you leave at least two unused trailing blanks.

R0331I

String delimiters (< >) have been inserted.

Reason:

The specified special delimiters were automatically inserted into one or more displayed fixed and/or variable-length character type limit values.

Limit values for fixed and variable-length character types are automatically enclosed in delimiters when such delimiters are required. Adding the delimiters preserves trailing blanks if they are contained in a fixed-character string or a variable-length string's explicit length.

Note: This message appears only once when the Limit Key Values screen appears, regardless of how many limit values had delimiters automatically inserted.

Delimiter characters cannot be changed and always default to < and >. They are maintained for fixed and variable-length character types only, are only used for display and editing purposes, and are not stored as part of the limit value.

For CHAR data, delimiters are disabled by default and trailing blanks are not retained, unless implicitly enabled by adding the delimiters or by using the FORMAT primary command for a specific key column.

If you wish to include the < and > characters as part of your data, you must enclose the value in an outer set of delimiters, as shown in the following table:

Value Stored in DB2 Catalog	Value Displayed on Screen	Explanation
'my abc's'	my abc's	Double quotation marks are reduced to single quotation marks.
""my abc's""	'my abc's'	Double quotation marks are reduced to single quotation marks.
'my abc's '	<my abc's >	Delimiters preserve the trailing blank.
' '	< >	Delimiters preserve the blank value.
' abc '	< abc >	Delimiters preserve the leading and trailing blank.
'<abc'	<abc	The leading delimiter is part of the data.
'abc>'	abc>	The trailing delimiter is part of the data.

'<abc>'	<<abc>>	Delimiters preserve embedded delimiters.
' <abc>'	<abc>	The leading blank negates the need for delimiters.

Important! Do not double your quotation marks or enclose your values in quotation marks unless you intend for them to be stored as such in the DB2 catalog.

There is no warning or notification of unbalanced delimiters. In order for delimiters to not be interpreted as part of the value's data, the opening delimiter (<) must be the first character, with no leading blanks, and the closing delimiter (>) must be the last character.

Action:

None.

R0332E

THE value NUMBER IN COLUMN name CONTAINS SYNTACTICAL ERRORS.

Reason:

An invalid numeric limit key value was detected. This message shows the specific type of numeric value and the column in which the invalid value was found. The cursor is positioned beside the partition in which the error was found, and the value in error is highlighted.

The following is a list, by column type, of possible causes of this error:

- **DECIMAL**—The value contains invalid characters or it is syntactically incorrect. Only numeric characters (0–9), a decimal point, and a single sign character (+ or –) to indicate a positive or negative value are allowed. For example, assuming a precision (size) of 5 and a scale of 2:

```
12.3      ==> valid.
-123.     ==> valid.
123-      ==> valid (translated to -123. when you press Enter or END/PF3.)
.123      ==> valid (translated to -.12 when you press Enter or END/PF3.)
00123.    ==> valid (translated to 123. when you press Enter or END/PF3.)
-         ==> valid (translated to 0. when you press Enter or END/PF3.)
12 . 3    ==> valid (translated to 12.3 when you press Enter or END/PF3.)
--1234    ==> invalid because it contains more than one sign character.
1.2.34    ==> invalid because it contains more than one decimal point.
```

Blanks were embedded within a number part left or right of the decimal point. The numeric value to the left or right of the decimal point must contain contiguous digits with no embedded blanks. Blanks can be used to separate delimiters or components of the decimal number, such as the sign character (+/–) from the number or the decimal point from a numeric part of the whole number; however, blanks, if any, are compressed out of the value after you press Enter or END/PF3.

```
-123      ==> valid (translated to -123. when you press Enter or END/PF3.)
123-      ==> valid (translated to -123. when you press Enter or END/PF3.)
12 . 3    ==> valid (translated to 12.3 when you press Enter or END/PF3.)
1 2 34    ==> invalid because a number part contains embedded blanks.
```

- **FLOAT and REAL**—The value contains invalid characters or it is syntactically incorrect. A floating point number must be expressed as two numbers separated by an E. The first number can contain a decimal point, which can be prefixed with a sign character (+ or –) to indicate a positive or negative value. The second number can include a sign but not a decimal point. For example, the following floating point constants represent the numbers 150, 200000, –0.22, and 500:

```
15E1      2.E5      –2.2E–1      +5.E+2
```

The value of the constant is the product of the first number and the power of 10 specified by the second number. Including the decimal point, E, and sign of the exponent, and excluding the sign of the overall value itself, the number of characters in the constant must not exceed 30. Excluding leading zeros, the number of digits in the first number should usually not exceed 17 and the number of digits in the second must not exceed 2.

```
-.314159E-10      ==> valid
.314159-E10       ==> invalid (incorrect placement of sign)
.314159E10-       ==> invalid (incorrect placement of sign)
.31415926535897932E+001 ==> valid
.00000000031415926535897932E+10 ==> invalid (number exceeds 30 characters)
```

Blanks were embedded within the first number left or right of the decimal point, or blanks were embedded within the second number. The parts of the floating point constant must contain contiguous digits with no embedded blanks. Blanks can be used to separate delimiters or components of the floating point number, such as the sign, decimal point, or E from adjacent components of the floating point number; however, blanks, if any, are compressed out of the value after pressing Enter or END/PF3. For example, the constant `-.000000000314159` can be entered as the following:

```
- . 314159 E 10
```

All blanks in the preceding example are automatically removed and the following number is inserted into DDL:

```
-.314159E-10
```

The constant `-.313 159E-10` is invalid because it contains a blank embedded within the first number.

- **BIGINT, INTEGER, and SMALLINT**—The value contains invalid characters. Only numeric characters (0–9) and a single sign character (+ or –) to indicate a positive or negative value are allowed.

```
-1234 ==> valid.
1234- ==> valid (translated to -1234 when you press Enter or END/PF3.)
001234 ==> valid (translated to 1234 when you press Enter or END/PF3.)
-      ==> valid (translated to 0 when you press Enter or END/PF3.)
—1234 ==> invalid because it contains more than one sign character.
1 2 34 ==> invalid because it contains embedded blanks.
```

Blanks were embedded within the number. The numeric value must be contiguous, with no embedded blanks. Blanks can be used to separate the sign character (+/-) from the number; however, blanks, if any, are compressed out of the value after you press Enter or END/PF3.

- 123 ==> valid (translated to -123 when you press Enter or END/PF3.)
- 123 - ==> valid (translated to -123 when you press Enter or END/PF3.)
- 1 2 3 ==> invalid because it contains embedded blanks.

Action:

Examine and correct the erroneous value.

R0333E

THE value NUMBER IN COLUMN name IS OUT OF RANGE.

Reason:

A numeric limit key value was detected that is too big or small for the column type for which it was entered. The message shows the specific type of numeric value and the column in which the invalid value was found. The cursor is positioned beside the partition in which the error was found, and the value in error is highlighted.

The following list shows minimum and maximum allowable values for each numeric column type:

- DECIMAL (Packed decimal number with implicit decimal point)
 - Precision (digits): 1 to 31
 - Absolute Range: dependent on precision and scale (p,s)
 - Largest Negative: dependent on precision and scale (p,s)
 - Smallest Positive: dependent on precision and scale (p,s)
- FLOAT (Double precision floating-point)
 - Precision (bits): 64
 - Largest Negative: -5.4E-79
 - Approximate Range: -7.2E75 to 7.2E75
 - Smallest Positive: 5.4E-79
- REAL (Single precision floating-point)
 - Precision (bits): 32
 - Largest Negative: -5.4E-79
 - Approximate Range: -7.2E75 to 7.2E75
 - Smallest Positive: 5.4E-79

- INTEGER (large integer)
 - Precision (bits): 31
 - Largest Negative: -2147483648
 - Largest Positive: 2147483647
- SMALLINT (small integer)
 - Precision (bits): 15
 - Largest Negative: -32768
 - Largest Positive: 32767
- BIGINT (big integer)
 - Precision (bits): 63
 - Largest Negative: -9223372036854775808
 - Largest Positive: +9223372036854775807

Action:

Correct the erroneous value.

R0334E**COLUMN name CONTAINS AN INVALID HEXADECIMAL STRING.****Reason:**

An invalid hexadecimal string was found in a CHAR, VARCHAR or LONGVAR limit key column. This message shows the column in which the invalid value was found. For your convenience, the cursor is positioned beside the partition in which the error was found and the value in error is highlighted.

When a quoted string is found that begins in the first character position with X or x, it is assumed to be a hexadecimal string, in which case only the hexadecimal characters 0 9 and A Fare allowed between the quotes. Imbedded blanks are not allowed.

```
X'1234567890ABCDEF' ==> valid
x'1234567890abcdef' ==> valid  (lower case characters are acceptable)
x'1 3 5 7 9 a c e ' ==> invalid (imbedded blanks are not allowed)

x'123xyz'    ==> invalid (xyz are not valid hexadecimal characters)
x'001100    ==> invalid (ending quote is missing)
x''         ==> invalid (value is missing between the quotes)
x'0'        ==> invalid (even numbers of hexadecimal digits must be specified)
```

Hexadecimal strings must conform to specific syntactical rules. A hexadecimal string is assumed when a certain sequence of characters are found in a CHAR, VARCHAR or LONGVAR column, or in a UDT (User Defined Distinct Type) that is sourced on a CHAR, VARCHAR or LONGVAR type.

Action:

Examine the value that has been determined to be in error. The value must be corrected before it will be accepted.

R0335E

Column &V2 contains an invalid graphic string.

Reason:

The column named in this message contains in invalid graphic string.

Action:

Verify the column definition and contents.

R0336E

THE value NUMBER IN COLUMN name IS TOO LONG.

Reason:

One of the following has occurred:

- The length of the FLOAT or REAL limit value (found in the column indicated by the error message) exceeds the maximum number of characters allowed for the floating point number.
- There is no room to automatically insert one or more missing exponent components without causing the maximum number of allowable characters to be exceeded.

The cursor is positioned beside the partition in which the error was found, and the value in error is highlighted.

A floating point number must be expressed as two numbers separated by an E. The first number can contain a decimal point, which can be prefixed with a sign character (+ or –) to indicate a positive or negative value. The second number can include a sign but not a decimal point. For example, the following floating point constants represent the numbers 150, 200000, –0.22, and 500:

15E1 2.E5 –2.2E–1 +5.E+2

The value of the constant is the product of the first number and the power of 10 specified by the second number. Including the decimal point, E, and sign of the exponent, and excluding the sign of the overall value itself, the number of characters in the constant must not exceed 30. Excluding leading zeros, the number of digits in the first number should usually not exceed 17 and the number of digits in the second must not exceed 2. For example, the following number is interpreted as 1 even though the number of digits in the exponent exceeds two digits, because the leading zeros in the exponent are ignored:

```
.31415926535897932E+001
```

In the following example, the number is invalid because the overall length of the number, including the decimal point, E, and exponent exceeds a total of 30 characters in length:

```
.00000000031415926535897932E+10
```

If you enter a number without the exponent, an exponent is automatically inserted. Therefore, if you enter a long number, the exponent insertion can cause the entry to be too long and to exceed the 30-character limit for expressing a floating point number. For example, if you enter the following number, an exponent value of E0 is automatically appended to your floating point number after you press Enter or END/PF3:

```
3.1415926535897932
```

If there is insufficient space to insert the exponent, the product inserts as much of the exponent as space allows. The remaining part of the exponent is truncated and the RO336E error message is issued.

Action:

When entering numbers without an exponent, verify that the number does not cause the 30-character limit to be exceeded when the program tries to insert the missing exponent. You can reduce the number of digits in the number so that the exponent can be inserted without exceeding this length limit.

RO340E

Required parameter &ro340v1 missing on FORMAT command.

Reason:

The FORMAT command that was entered is missing a required parameter.

The command must include a format option of CHAR, DELIM, or HEX, followed by at least one column name or an asterisk. For example, entering the command FOR HEX STREET_ADDRESS sets the STREET_ADDRESS column to HEX.

Action:

Correct the FORMAT command syntax appropriately.

To specify more than one column, place a space or comma between each additional column name. For example, entering the command FOR CHAR EMPLOYEE_NAME, GROUP sets columns EMPLOYEE_NAME and GROUP to CHAR in all partitions.

To specify all eligible columns, specify an asterisk in place of the column name. For example, entering the command FOR HEX * sets all CHAR and VARCHAR columns to HEX in all partitions.

Note: Only CHAR, VARCHAR, and LONGVAR columns are supported and will be affected. All other columns will not be affected, and a format specification for those columns will be ignored.

R0341E

Column name "&ro341v1" is invalid or does not exist.

Reason:

A column name that was specified on the FORMAT command is invalid or is not a member of the key. When specifying the column name, make sure the name you specify is a member of the key that is currently displayed on the screen.

Action:

Correct the FORMAT command syntax appropriately.

To specify more than one column, place a space or comma between each additional column name. For example, entering the command FOR CHAR EMPLOYEE_NAME, GROUP sets columns EMPLOYEE_NAME and GROUP to CHAR in all partitions.

To specify all eligible columns, specify an asterisk. For example, entering the command FOR HEX * sets all CHAR and VARCHAR columns to HEX in all partitions.

Note: Only CHAR, VARCHAR and LONGVAR columns are supported and will be affected. All other columns will not be affected, and a format specification for those columns will be ignored.

R0342E

Invalid command syntax on FORMAT command.

Reason:

The FORMAT command contains syntactical errors. This error is usually caused by specifying a column name that contains embedded or unbalanced single or double quotation marks.

Action:

Correct the FORMAT command syntax, utilizing the following rules:

- Enclose names containing embedded spaces with a balanced pair of single or double quotation marks (for example, 'MY COLUMN NAME' or "MY COLUMN NAME").
- Enclose names containing embedded single quotation marks with a balanced pair of double quotation marks (for example, "SAM'S COLUMN NAME").
- Enclose names containing embedded double quotation marks with a balanced pair of single quotation marks (for example, 'MY "COLUMN" NAME').

Note: Names containing a mixture of embedded single and double quotation marks are not supported.

R0343E

'option' is an invalid or unrecognizable format option.

Reason:

The option specified on the FORMAT command is invalid. Valid options are as follows:

CHAR

Maintains the limit key values for the specified columns as quoted character strings. The values will be inserted into generated DDL and stored in the DB2 catalog as quoted EBCDIC character strings (for example, the string AaBbCc will be internally maintained and subsequently inserted into generated DDL as 'AaBbCc'). This is the default when no limit value in any partition for the key column is a hexadecimal delimited string.

DELIM

Maintains the limit key values for the specified columns as quoted character strings while preserving trailing blanks with the use of special <> delimiter characters. The <> delimiters are not stored as part of the limit value's data and are used for display and editing purposes only. The limit key values are inserted into generated DDL and stored in the DB2 catalog as quoted EBCDIC character strings. For example, the string <AaBbCc > is preserved with the trailing blank after the 'c' and will be subsequently inserted into generated DDL as 'AaBbCc '.

HEX

Maintains the limit key values for the specified columns as possibly delimited hexadecimal strings. When the limit key value begins with the X' characters, the value is interpreted and validated as a hexadecimal string. For example, the string X'1234' is validated as a hexadecimal string, and all rules for hexadecimal strings will be enforced. The string will be inserted into generated DDL as X'1234'.

Note: The FORMAT command works on CHAR, VARCHAR and LONGVAR column types only.

Action:

Correct the FORMAT command syntax appropriately.

R0344E

DUPLICATE KEY COLUMN NAME. PRESS HELP FOR MORE INFORMATION.

R0345E

DUPLICATE TABLE COLUMN NAME. PRESS HELP FOR MORE INFORMATION.

R0346E

TABLE MUST HAVE AT LEAST ONE COLUMN.

Reason:

Indicates that you attempted to save your changes or to generate DLL; however, your table has no columns.

Action:

Before your changes can be saved or DDL generated, you must first define at least one column. To discard your changes and return to the previous screen, enter CANCEL on the primary command line.

R0347E

INDEX MUST HAVE AT LEAST ONE KEY COLUMN.

Reason:

Indicates that you attempted to save your changes or to generate DDL; however, your index has no key columns.

Action:

Before you can save your changes or generate DLL, you must first define at least one key column for your index, as follows:

- If you are creating an index for a valid table with defined indexable columns, use the KEY command on the primary command line, or the K line command in the key column list. A selection list of columns from that table will appear, from which you can choose one or more columns for your index.
- If you are creating an index on an invalid table (or an MQT with no columns defined from a table column list), use the I (insert) command in the key column list to insert a key column. (No column selection list will be available.) A blank key column will appear, where you must specify the NAME, COLTYPE, and SIZE of the key column.

To discard your changes and return to the previous screen, enter **CANCEL** on the primary command line.

R0348E

Invalid Data Cap option. Valid values: None and Changes.

Reason:

An invalid value was specified for the Data Cap field. Data Cap specifies whether the logging of SQL INSERT, UPDATE, and DELETE operations on the table is augmented by additional information.

Note: Unless overridden by object definition defaults, the default is NONE. For more information about object definition defaults, refer to the DEFAULTS primary command.

Action:

Enter a valid value.

R0349E

Invalid Audit option. Valid values: None, All and Changed.

Reason:

An invalid value was specified for the Audit field. Audit specifies the types of table access to the table that will cause auditing by DB2.

Note: Unless overridden by object definition defaults, the default is NONE. For more information about object definition defaults, refer to the DEFAULTS primary command.

Action:

Enter a valid value.

R0350E

INVALID DEFER BUILD OPTION. VALID VALUES: YES AND NO.

Reason:

Indicates that you specified an invalid value for the Defer Build option.

This option indicates whether the index is built during the execution of the CREATE INDEX statement. Valid values are as follows:

- YES-The index is not built. The DEFER YES clause is inserted into your DDL. If the table is populated, the index is placed in a rebuild pending status and DB2 issues a warning indicating the index must be rebuilt.

Note: If the table is empty and YES is specified, the index is neither built nor placed in a rebuild pending status. See the IBM DB2 Administration Guide for more information about using DEFER.

- NO-The index is built. The DEFER clause is not inserted into your DDL. This is the default when creating a new index.

Always specify NO for indexes on declared temporary and auxiliary tables.

Regardless of what you specify for this option, the description of the index and its index space is always added to the catalog.

R0351E

INVALID CLOSE DATASET OPTION. VALID VALUES: YES AND NO.

Reason:

Indicates that you specified an invalid value for the Close Dataset option.

This option is used to indicate whether the data set is eligible to be closed when the index is not being used and the limit on the number of open data sets is reached. Valid values are as follows:

- YES-The index is eligible for closing. The CLOSE YES clause is inserted into your generated DDL.
- NO-The index is not eligible for closing. The CLOSE NO clause is inserted into your generated DDL.

If DSMAX is reached and there are no CLOSE YES page sets to close, CLOSE NO page sets will be closed. For an index on a declared temporary table, DB2 uses CLOSE NO regardless of the value specified.

R0352E**INVALID CLUSTER OPTION. VALID VALUES: YES AND NO.****Reason:**

Indicates that you specified an invalid value for the Cluster option.

This option is used to indicate that the index is the cluster index of the table. Valid values are as follows:

- YES-Causes the CLUSTER clause to be inserted into your generated DDL.
- NO-Causes the CLUSTER clause to be omitted from your generated DDL.

Action:

Do not specify YES if the index is for an auxiliary table or if CLUSTER was used in the definition of an existing index on the table.

If you do not specify YES, the index will not be a clustering index unless it is the first index defined on the table in a non-partitioned tablespace, in which case the first index implicitly serves as the cluster index until CLUSTER is used in the definition of a subsequent index on the table.

An implicit or explicit clustering index is ignored when data is inserted into a tablespace that is defined with the MEMBER CLUSTER clause. Instead of using cluster order, DB2 decides where to locate the data based on available space. The MEMBER CLUSTER attribute only affects data that is inserted with the INSERT statement: data is always loaded and reorganized in cluster order.

R0353W**The base table identified cannot be found in the current subsystem.****Reason:**

Indicates that the Base Table for your auxiliary table cannot be found in the current subsystem.

Action:

If you want to create an auxiliary table for an existing base table, enter a valid table name and table creator. The Base Table and Creator fields accept selection criteria.

You may ignore this warning; however, doing so may produce SQL errors if the generated DDL is executed on the current DB2 subsystem.

R0354E

Invalid Part. Part must be a numeric value greater than zero.

Reason:

Indicates that you entered an invalid or syntactically incorrect partition number in the Part field.

The partition number must be a 1 to 3 digit numeric value that is greater than zero and which contains no imbedded blanks or special characters.

R0355E

Part is greater than number of parts in the base table's tablespace.

Reason:

Indicates that the partition number specified in the Part field is greater than the number of partitions in the tablespace in which the identified base table resides.

Action:

For your convenience, the number of partitions in the base table's tablespace displays to the right of the Part field. The value you enter in the Part field may not exceed this value.

The Part value must be corrected before processing can continue.

R0356W

Part not allowed on non-parted base table. Part reset to blanks.

Reason:

Indicates that a partition number, or non-blank value, was entered in the Part field and the tablespace in which the identified base table resides is not partitioned.

A partition number may not be entered on a known non-partitioned base table. For your convenience, the field has been reset to blanks.

Action:

No further action is required on your part.

R0357E

Base Table is partitioned and requires a Part number.

Reason:

Indicates that the identified base table resides in a partitioned tablespace and the Part field is missing a required partition number.

When the base table is partitioned, a partition number is required for the purpose of telling DB2 which partition of the base table the auxiliary table is to store data.

Action:

A partition number must be specified in the Part field before processing can continue.

R0358E

Part out of range. Part may not exceed 999 on an unknown base table.

Reason:

Indicates that you entered a partition number that is too big.

This error occurs when you enter a partition number in the Part field that is greater than 999 for a base table that could not be found or whose tablespace does not yet exist or which has an undeterminable number of partitions.

Action:

If the auxiliary table is destined to store data for a partitioned base table, re-enter a partition number that is between 1 and 999. If the auxiliary table is destined to store data for a non-partitioned base table, the Part field should be set to blanks.

Note: Although processing is allowed to continue even though the base table or its tablespace are unresolved, regardless of the reasonableness of the partition number in the Part field, caution should still be exercised because SQL errors can occur if the generated DDL is executed on the current subsystem or when a part number is specified beyond the range supported by DB2.

R0359E

Partitioning commands KEY and LIMITS not supported on your DB2.

Reason:

KEY or LIMITS was entered on the command line, but the product you are using does not support the command for the version of DB2 that you are using (or the mode in which your version of DB2 is running).

Action:

None.

R0360E

&V1 is an invalid or unrecognizable Column Name Selection command.

Reason:

Indicates that you entered an unrecognizable or invalid line command in the Column Name Selection list. For your convenience, the invalid line command is highlighted for you.

Action:

Only the S line command is allowed. To select a column, enter an S next to the column you want to select and then press the Enter key or PF3 (End).

Only one column can be selected. Selecting more than one column is not allowed.

R0361E

Only one column may be selected.

Reason:

Indicates that you selected more than one column and only one is allowed.

Action:

Remove the extra S line commands from the columns you do not want to select and be sure to select only one column.

R0362E**Explicit column name required -- Unable to display column list.****Reason:**

Indicates that you must supply an explicit base table column name because a selection list of columns for the specified base table is unavailable for one of the following reasons:

- The base table you specified for your auxiliary table could not be found or does not exist.
- The base table you specified for your auxiliary table is incomplete and contains no columns.

Action:

If you want to use the identified base table for your auxiliary table, you must enter an explicit column name; otherwise, specify a different base table, or alter the base table so that it contains a LOB column.

R0363E**Explicit column name required -- Base table contains no LOB columns.****Reason:**

Indicates that you must supply an explicit base table column name because the specified base table contains no LOB columns.

Action:

To display a selection list of column names for the base table, the base table must have at least one LOB column defined. Because the base table contains no LOB columns, there is no list that can be displayed from which a column can be selected.

If you want to use the identified base table for your auxiliary table, you must enter an explicit column name; otherwise, specify a different base table, or alter the base table so that it contains a LOB column.

R0364E

Column Name does not support selection criteria. Enter blanks or *.

Reason:

Indicates that you entered selection criteria for the column name and the Column Name field does not support selection criteria.

Action:

If you want to have a list of base table columns displayed from which you can select the column you want to use, enter a blank name or a single asterisk (*) for the column name and press the Enter key.

You can alternatively enter an explicit name, which may or may not be an existing column within your base table.

R0365W

Column &V18 is not a member of the specified base table.

Reason:

Indicates that the column name that you entered does not exist in the base table that you specified for your auxiliary table.

Action:

If the column name is in error and you wish to have a list of LOB columns that are in the base table displayed from which you can select the column you want to use, enter a blank name or a single asterisk (*) for the column name and press the <enter> key; otherwise, specify a different base table, or alter the base table so that it contains a LOB column by the name you specified.

You can ignore this warning; however, doing so may produce SQL errors if the generated DDL is executed on the current DB2 subsystem.

R0366W

Column &V18 is not a LOB column.

Reason:

Indicates that the column name that you entered exists in the base table that you specified for your auxiliary table; however, it is not a LOB column.

Action:

If the column name is in error and you want to have a list of LOB columns that are in the base table displayed from which you can select the column you want to use, enter a blank name or a single asterisk (*) for the column name and press the <enter> key; otherwise, specify a different base table, or alter the base table so that the column you named is an actual LOB column.

You can ignore this warning; however, doing so may produce SQL errors if the generated DDL is executed on the current DB2 subsystem.

R0367E

Invalid Volatile option. Valid values: Y and N.

Reason:

An invalid value was specified for the Volatile option. Volatile specifies how DB2 is to choose access to the table.

Note: For a complete description of valid values, see the online help.

Action:

Enter **Y** or **N** for Volatile.

Note: This field is supported by object definition defaults. Unless overridden by object definition defaults, the default is N. For more information about object definition defaults, refer to the DEFAULTS primary command.

R0370I

The index you are &V8 is on an auxiliary table.

Reason:

Informs you that the table for the index, or the table that you just selected or specified for this index, is an auxiliary table and the screen from which you are altering, creating, or templating your index has been changed to one that is appropriate for this kind of index.

An auxiliary table is a table that is used to store LOB data for a LOB column, or a UDT (User-Defined Distinct Type) that is sourced on a LOB data type, in another table. An index on such a table does not have the same attributes as an index on a regular table. Therefore, only attributes that are relevant to an index on an auxiliary table are displayed and may be updated or specified.

Action:

On a CREATE, if the table you specified or selected for the index is in error, you may specify a new (existing) table or enter selection criteria in the Table Name or Creator fields in order to display a new selection list from which you can choose the table for your index. Specifying or selecting an existing table that is not an auxiliary table will cause the Aux Index Create/Template screen to revert back to the regular Index Create/Template screen.

On a CREATE, if your intent is to create an index on an auxiliary table, no action is required on your part.

R0371E

Altering an existing index to/from an Auxiliary Index is not allowed.

Reason:

Indicates that you altered the name or creator of the table for an existing index and the table that you specified or selected would cause the index to be changed to/from being an index on an auxiliary table, which is not allowed.

An existing index on an auxiliary table cannot be changed using the Index Alter screen in a manner that will cause it to no longer be an index on an auxiliary table, and vice versa.

Action:

If you want to create an index, for example, for a regular table that uses the same name as an existing index that is in use for an auxiliary table, or vice versa, you must first explicitly delete (drop) the old index before creating the new index.

Processing cannot continue until this error is corrected.

R0372W

Altering an existing tablespace to/from a LOB Tablespace is not allowed.

Reason:

You have specified a request to alter the tablespace's type to/from that of a LOB Tablespace and such an operation is not permitted.

If you want to perform this kind of alteration on your tablespace, you can only do so using one of the following two methods:

- Template the original tablespace and then create a new tablespace using a different name with the desired TS Type option setting, or
- Drop the original tablespace and re-create it using the same name with the desired TS Type option setting.

For your convenience, the TS Type field has been reset to its original value. No further action is required on your part.

R0373E

Invalid Close Dataset option. Valid values: YES and NO.

Reason:

You have specified an invalid value for the Close Dataset option. Valid values are YES and NO.

The Close Dataset option allows you to specify the priority in which data sets are closed when the limit on the number of open data sets is reached. Valid values are as follows:

- Yes-Eligible for closing before CLOSE NO data sets. This is the default unless the tablespace is in a TEMP database.
- No-Eligible for closing after CLOSE YES data sets are close. This means that the data sets that support the tablespace are not to be closed when there are no current users of the tablespace.

For a tablespace in a TEMP database, DB2 uses CLOSE NO regardless of the value specified.

R0374E

Invalid Index Type option for table. Permissible values: 2 and P.

Reason:

Because of the underlying attributes of the partitioned index's table object, the only valid values for Index Type are as follows:

2

Creates a type 2 clustering index, which will cause the table to use index-controlled partitioning.

P

Creates a non-clustering partitioning index, which will trigger conversion of the table to use table-controlled partitioning.

Specifically, the table object is defined in a partitioned tablespace; however, the table is not defined as using table-controlled partitioning, does not have a partitioned clustering index, and does not have limit values defined. To create a partitioned index for such a table object, limit values must be defined. Therefore, the index type must be a type 2 index or type P index.

Action:

Enter a valid value for Index Type.

R0375I

Index Type changed to D: key not a matching or superset of clustering index key.

Reason:

Index Type for your partitioned index has been automatically altered to D because the key for the index is not a matching or superset of the table object's clustering index's key. Unique Rule was also changed to NO (if it was previously UNN or YES) to be compatible with the changed Index Type.

Action:

None.

Note: If you continue with these changes and execute the generated DDL, the table object will be implicitly converted to use table-controlled partitioning.

R0376I

Index Type changed to P: key is a matching or superset of clustering index key.

Reason:

Index Type for your partitioned index has been automatically altered to P because the key for the index is a matching or superset of the table object's clustering index's key.

Action:

None.

Note: If you continue with these changes and execute the generated DDL, the table object will be implicitly converted to use table-controlled partitioning.

R0377I

Index Type changed to P: non-TCP table with no limit values already has a non-partitioned clustering index.

Reason:

Index Type for your partitioned index has been automatically altered to P because the table object does not use table-controlled partitioning, does not have limit values defined, and already has a non-partitioning type-2 clustering index defined.

Because of these conditions, a non-clustering partitioning index is the only type of partitioned index that can be successfully created for the table object. Limit values must be defined for this index. Cluster is also changed to NO (if it was previously YES).

Action:

You must define limit values for this index.

Note: If you continue with these changes and execute the generated DDL, the table object will be implicitly converted to use table-controlled partitioning by DB2.

R0378I

Index Type changed to D: key not a matching or superset of table's partitioning key.

Reason:

The Index Type option for your partitioning index has been automatically altered to D because the key for the index is not a match for or superset of the table object's partitioning key. In this situation, a value of D is the only valid Index Type value for your partitioning index.

If Unique Rule was previously UNN or YES, Unique Rule is changed to NO to be compatible with the changed Index Type.

Action:

No action is required.

R0379I

Index Type changed to P: key is a matching or superset of table's partitioning key.

Reason:

The Index Type option for your partitioning index has been automatically altered to P because the key for the index is a match for or superset of the table object's partitioning key. In this situation, a value of P is the only valid Index Type value for your partitioning index.

Action:

No action is required.

R0380I

Column Null Indicator invalid for &V8 columns. Reset to N.

Reason:

An invalid NULL Option is detected for an Identity or a Row Change Timestamp column. This option is changed to N automatically.

Action:

No action is required.

R0381E**MINVALUE value/option is out of range or syntactically incorrect.****Reason:**

An invalid value was specified for MINVALUE, or an alteration to the data type or precision of your sequence object or table's identity column caused the current MINVALUE to become invalid.

MINVALUE is the minimum value that is generated for the sequence. The value can be any positive or negative value (including 0) that is less than or equal to MAXVALUE and that can be assigned to its data type, as follows:

- **DECIMAL**—any positive or negative value within the scope of the number's defined precision (or NO)

For example, if the precision is 6, the smallest value is –999999 and the largest value is 999999. (If a decimal point is included, the decimal point and any digits to its right are discarded and the value is redisplayed without the decimal point or trailing digits.)
- **INTEGER**—smallest value is –2147483648; largest value is 2147483647 (or NO)
- **SMALLINT**—smallest value is –32768; largest value is 32767 (or NO)
- **BIGINT**—smallest value is –9223372036854775808; largest value is 9223372036854775807 (or NO)

The following considerations apply regarding determination of the default value:

- Unless overridden by object definition defaults, when MINVALUE is blanked out on the panel and then you press Enter or the END key, a default value is determined and substituted in place of the blanks. This substitution process uses the guidelines documented in IBM's *DB2 UDB for OS/390 and z/OS SQL Reference* when certain sequence attributes or combinations of attributes are omitted or otherwise unknown. This way, the default value that would otherwise be determined by DB2 at the time the DDL is executed is instead determined for you and displayed on the panel in place of the blanks so you can see what the value will be before the DDL is actually generated for you.
- The first field that is inspected is the INCREMENT BY field. If INCREMENT BY is blanks or any valid positive number for the data type, the sequence is assumed to be ascending; otherwise, it is descending.
- When MINVALUE is blanks for an ascending sequence, the value substituted in place of the blank value is the maximum value of the data type (and its precision, if DECIMAL).
- When MINVALUE is blanks for a descending sequence, the START WITH value is used; but, if START WITH is also blank -1 is used.

All fields are defaulted on a newly created sequence object or identity column.

This error can also happen when creating, resetting fields or applying defaults for a sequence object or identity column where the default value defined for MINVALUE in the defaults profile for your ID is invalid for the sequence's data type or precision.

Note: For more information about object definition defaults, refer to the DEFAULTS primary command.

Action:

Verify that an acceptable value is applied for MINVALUE.

R0382E

MAXVALUE value/option is out of range or syntactically incorrect.

Reason:

An invalid value was specified for MAXVALUE, or an alteration to the data type or precision of your sequence object or table's identity column caused the current MAXVALUE to become invalid.

MAXVALUE is the maximum value that is generated for the sequence. The value can be any positive or negative value (including 0) that is greater than or equal to MINVALUE and that can be assigned to its data type, as follows:

- DECIMAL—any positive or negative value within the scope of the number's defined precision (or NO)

For example, if the precision is 6, the smallest value is –999999 and the largest value is 999999. (If a decimal point is included, the decimal point and any digits to its right are discarded, and the value is redisplayed without the decimal point or trailing digits.)
- INTEGER—smallest value is –2147483648; largest value is 2147483647; or NO
- SMALLINT—smallest value is –32768; largest value is 32767; or NO
- BIGINT—smallest value is –9223372036854775808; largest value is 9223372036854775807; or NO

The following considerations apply regarding determination of the default value:

- Unless overridden by object definition defaults, when MAXVALUE is blanked out on the panel and then you press Enter or the END key, a default value is determined and substituted in place of the blanks. This substitution process uses the guidelines documented in IBM's *DB2 UDB for OS/390 and z/OS SQL Reference* when certain sequence attributes or combinations of attributes are omitted or otherwise unknown. This way, the default value that would otherwise be determined by DB2 at the time the DDL is executed is instead determined for you and displayed on the panel in place of the blanks so you can see what the value will be before the DDL is actually generated for you.

- The first field that is inspected is the INCREMENT BY field. If INCREMENT BY is blanks or any valid positive number for the data type, the sequence is assumed to be ascending; otherwise, it is descending.
- When MAXVALUE is blanks for an ascending sequence, the value substituted in place of the blank value is the maximum value of the data type (and its precision, if DECIMAL).
- When MAXVALUE is blanks for a descending sequence, the START WITH value is used; but, if START WITH is also blank -1 is used.

All fields are defaulted on a newly created sequence object or identity column.

This error can also happen when creating, resetting fields or applying defaults for a sequence object or identity column where the default value defined for MAXVALUE in the defaults profile for your ID is invalid for the sequence's data type or precision.

Note: For more information about object definition defaults, refer to the DEFAULTS primary command.

Action:

Ensure that an acceptable value is specified for MAXVALUE.

R0383E

INVALID CYCLE OPTION. VALID VALUES ARE YES AND NO.

Reason:

Indicates that you entered an invalid CYCLE option for your sequence object or identity column.

The CYCLE option indicates whether the sequence object or identity column should continue to generate values after reaching the minimum or maximum value of the sequence, as specified by MINVALUE and MAXVALUE. Valid values are as follows:

- YES-Specifies that values continue to be generated for the sequence after the minimum or maximum value has been reached. After an ascending sequence reaches the maximum, it generates its minimum value. After a descending sequence reaches its minimum, it generates its maximum value. The minimum and maximum values determine the range of the cycle.

When CYCLE is YES, duplicate values can be generated by DB2 for an identity column. However, if a unique index exists on the identity column, and a non-unique value is generated for it, an error occurs.

- NO-Specifies that values will not be generated for the sequence once the minimum or maximum value for the sequence has been reached. Unless overridden by object definition defaults, this is the default.

R0384E**MINVALUE MUST BE LESS THAN MAXVALUE****Reason:**

Invalid or conflicting values were specified (or defaulted) in the MINVALUE and MAXVALUE fields for the version of DB2 that you are using or the mode in which your version of DB2 is running.

For the version of DB2 that you are using or the mode in which your version of DB2 is running, MINVALUE must be less than MAXVALUE. The discrepancy must be corrected before processing can continue.

Unless overridden by object definition defaults, values for blank fields are automatically determined and inserted for you as follows:

- When MINVALUE is blanks for an ascending sequence, the value substituted in place of the blank value is the START WITH value; however, if START WITH is also blank, 1 is used. When MINVALUE is blanks for a descending sequence, the minimum value of the data type (and precision, if DECIMAL) is used.
- When MAXVALUE is blanks for an ascending sequence, the value substituted in place of the blank value is the maximum value of the data type (and precision, if DECIMAL.) When MAXVALUE is blanks for a descending sequence, the START WITH value is used; however, if START WITH is also blank, -1 is used.

R0385E**Invalid DEFAULT option. Valid values are A, C, D, Y and space.****Reason:**

A default option was detected that is invalid or is incompatible with this non-nullable column whose data type is DECIMAL, BIGINT, INTEGER, or SMALLINT or is a distinct type that is sourced on one of these data types. The valid default options for columns of these data types (whose NULL option is set to N) are as follows:

- A (generated always as identity) designates the column as an identity column and indicates that DB2 is to always generate a value for the column when a row is inserted into the table. A is the recommended value unless you are using data propagation. The V line command is used to specify the attributes for the identity column.
- C (constant) uses the constant specified using the V line command on this column as the default value for the column. The value of the constant must conform to the rules for assigning that value to the column.
- D (generated by default as identity) designates the column as an identity column and indicates that DB2 is to generate a value for the column when a row is inserted into the table unless a value is specified.

When inserting a specified value, DB2 does not verify that it is a unique value for the column unless the identity column has a unique, single-column index. Without a unique index, DB2 can guarantee unique values only among the set of system-generated values. The V line command is used to specify the attributes for the identity column.

- Y (system default) causes the WITH DEFAULT clause to be built with no other appended attributes included.
- Space indicates no default.

Action:

Specify a valid option and then press Enter or PF3/END.

Note: For more information about identity columns, see the *IBM SQL Reference* or *Administrator Guide*.

RO386E**INVALID DEFAULT OPTION. VALID VALUES ARE C, N AND Y.****Reason:**

A specified default option was invalid or incompatible with this nullable column whose data type is DECIMAL, FLOAT, REAL, DECFLOAT, BIGINT, INTEGER, SMALLINT, BINARY, VARBIN, GRAPHIC, VARG, LONGVARG, DATE, TIME, TIMESTMP, or TIMESTZ (or is a distinct type that is sourced on one of these data types).

This error also occurs if you changed the NULL option of an identity column to a Y. Identity columns, which are specified by setting the default option of a DECIMAL, BIGINT, INTEGER, or SMALLINT column to A or D, are implicitly NOT NULL. If you explicitly change the NULL option on such a column to Y, the assumption is that you also want to alter its default option so that it is no longer an identity column. This error displays to facilitate the changing of the default option to something that is compatible to the altered NULL option.

Action:

Enter a valid default option. The valid default options for columns of these data types (whose NULL option is also set to Y) are as follows:

- C (constant) uses the constant specified using the V line command on this column as the default value for the column. The value of the constant must conform to the rules for assigning that value to the column.
- N (nulls) causes a null value to be used as the default value for the column.
- Y (system default) causes the WITH DEFAULT clause to be built with no other appended attributes included.

If a pop-up window appeared, respond with a valid option before pressing Enter or PF3/END.

R0387E

Invalid DEFAULT option. Valid values are C, Y and space.

Reason:

A default option is invalid or is incompatible with this non-nullable column whose data type is one of the following (or is a distinct type that is sourced on these data types):

FLOAT, REAL, DECFLOAT, BINARY, VARBIN, GRAPHIC, VARG, LONGVARG, DATE, TIME, TIMESTMP, or TIMESTZ

The valid default options for columns of these data types (whose NULL option is also set to N) are as follows:

- C (constant) uses the constant specified using the V line command on this column as the default value for the column. The value of the constant must conform to the rules for assigning that value to the column.
- Y (system default) builds the WITH DEFAULT clause with no other appended attributes.
- Space indicates no default.

Action:

Specify a valid option before pressing Enter or the END key.

R0388E

IDENTITY COLUMNS MUST HAVE A SCALE OF ZERO. PLEASE CORRECT DISCREPANCY.

Reason:

Indicates that you specified a DECIMAL column as an identity column whose SCALE is not zero or you changed the SCALE of an identity column to a non zero value without also changing its Default Indicator to be compatible with this change.

Action:

The DECIMAL column's SCALE must be set to zero or the Default Indicator for the column must be set to something other than A or D. For your convenience, the two fields that are in conflict are highlighted for you.

The discrepancy must be corrected before processing can continue.

R0389E

Invalid Type option. Valid values: &ROSUPSET

Reason:

An invalid value was specified for Type. The message lists the valid type codes for the current operation. Type narrows the selection list to include a subset of eligible objects.

Note: Type is only applicable when the invoking operation allows a mixture of different types of objects to be displayed in a single list; otherwise, this field is locked and does not accept keyed input.

The allowable values are dictated by the parent Create, Alter, or Template panel from where the Selection panel was requested.

For example, when you are creating an alias, the selection list may include regular tables, global temporary tables, and materialized query tables (MQTs), as well as views. So, the list of allowable values displayed to the right of the Type field will show (T,G,M,V,*) and, by default, an asterisk (*) is automatically set in the Type field so that the list initially displays all the eligible types that are allowed to be aliased. If you then change Type from * to M, the list is rebuilt so that only MQTs are shown.

Up to three different type codes can be specified at the same time. Each code entered into the Type field must be one from the list of allowed codes (or symbol) listed to the right of the field. Embedded blanks (or duplicate or redundant specifications), are ignored and automatically removed. Entering asterisk (*) in any position in combination with other allowed codes causes the other (redundant) specifications to be discarded and the field to be set to a single asterisk.

When the type of object for which a list is built does not support different types of the same object (as is the case for lists of databases and tablespaces, for example), the Type field and subset list will both be set to an asterisk (*), and the Type field will be locked.

Action:

Enter valid values for Type.

R0390E

&V1 is an invalid or unrecognizable table column line command.

Reason:

Indicates that you entered an unrecognizable or invalid table column line command for your table. For your convenience, the invalid line command is highlighted for you. Valid table column line commands are as follows:

- A-Place the column to be copied or moved after this line.
- B-Place the column to be copied or moved before this line.

- Cnn-Copy nn columns (including this one) to the location marked by A or B. If nn is omitted, 1 is assumed.
- Dnn-Delete nn columns, including this one. If nn is omitted, 1 is assumed.
- E-Explode into an update of all attributes of this column at once.
- Fnn-Mark this column as the nnth column of a foreign key and display the Table Foreign Key Detail screen. If nn is omitted, the F command is ignored.
- Inn-Insert nn blank columns immediately after this column. If nn is omitted, 1 is assumed.
- Mnn-Move nn columns (including this one) to the location marked by A or B. If nn is omitted, 1 is assumed.
- Pnn-Mark this column as the nnth column of the primary key. If nn is omitted, the P command is ignored.
- Rnn-Repeat this column nn times and insert the duplicate columns immediately after this column. If nn is omitted, 1 is assumed.
- T -Display the Column Type Selection List, from which you can choose a data type for this column.
- V-Display the Column Default Value Specifications screen, on which you can specify a default-value for this column.
- RES-Reset this column back to its old definition. When this command is entered for a newly inserted table column that has no OLD definition, the column is removed. When COMPARE is ON and this command is entered for a newly deleted column, the deleted column is reinserted into the table. The column's primary key sequence number and associated constraint, if any, is also reset. Unique Key Constraints are not affected by this command.
- SRC-Set this column to its source definition. This command is valid for CA RC/Migrator Compares only.
- TRG-Set this column to its target definition. This command is valid for CA RC/Migrator Compares only.
- Unn-Undo nn columns (including this one) and return them back to their old definitions. If nn is omitted, 1 is assumed. This command performs the same function as the RES command.

The following are valid Block Commands:

- CC-Block copy. Use paired CC commands to delimit a block of columns to copy to the location marked by A or B.
- DD-Block delete. Use paired DD commands to delimit a block of columns to delete.
- MM-Block move. Use paired MM commands to delimit a block of columns to move the location marked by A or B.

- RR-Block repeat. Use paired RR commands to delimit a block of columns to repeat.
- UU-Block undo. Use paired UU commands to delimit a block of columns to undo.

The invalid command must be corrected before processing can continue. Use the CANCEL command to discard your changes and return to the previous screen.

R0391E

Invalid Primary Key Seq. Value entered must be numeric.

Reason:

Indicates that you specified a non-blank value for the Primary Key Sequence that is non-numeric or that contains non numeric characters. For your convenience, the invalid field has been high lighted and the cursor positioned to that field.

Action:

The Primary Key Sequence lets you specify a numeric value indicating the relative position of the column within the table's primary key. Acceptable values are blanks or a one to two digit value from 0 to 99. Blanks in this field indicate that the column is not a member of, or is to be removed from, the table's primary key. Entering zero has the same effect as entering blanks.

R0392E

Invalid T (TYPE) option. Valid values: P and U.

Reason:

Indicates that you specified an invalid value in the T (TYPE) field for the unique constraint. For your convenience, the cursor has been positioned and the field in error highlighted for you so it is easy to identify and correct. Valid values are as follows:

- P-Primary key. The unique constraint is a primary key constraint. Only one primary key constraint is allowed.
- U-Unique key. The unique constraint is a unique key constraint. The default is U.

If you key in a blank, the blank is substituted with the default U value.

R0393E

&V1 is an invalid or unrecognizable Constraint line command.

Reason:

Indicates that you entered an unrecognizable or invalid Constraint line command. For your convenience, the invalid line command is highlighted for you. Valid Constraint line commands are as follows:

- Dnn-Delete nn constraints, including this one. If nn is omitted, 1 is assumed.
- E-Place display into Edit Mode = COLUMN for this constraint so you can edit the constraint's columns. Press PF3 when you are done and the display will automatically return to Edit Mode = CONSTRAINT.
- Inn-Insert nn blank constraints immediately after this constraint. If nn is omitted, 1 is assumed.
- Rnn-Repeat this constraint nn times. Creates nn iterations of this constraint and inserts them immediately after this constraint. If nn is omitted, 1 is assumed.
- RES-Reset this constraint back to its old definition. When this command is entered for a newly inserted constraint that has no OLD definition, the constraint is removed. When COMPARE is ON and this command is entered for a newly deleted constraint, the deleted constraint is reinserted into the list.
- S-Select this constraint for edit. This line command has identical behavior as the E line command.
- SRC-Set this constraint to its source definition. This command is valid for CA RC/Migrator Compares only.
- TRG-Set this constraint to its target definition. This command is valid for CA RC/Migrator Compares only.
- Unn-Undo nn constraints (including this one) and return them back to their old definitions. If nn is omitted, 1 is assumed. This command performs the same function as the RES command.

Block Commands:

- DD-Block delete. Use paired DD commands to delimit a block of constraints to delete.
- RR-Block repeat. Use paired RR commands to delimit a block of constraints to repeat.
- UU-Block undo. Use paired UU commands to delimit a block of constraints to undo.

R0394E

Invalid command entered on the commentary line. Please delete.

Reason:

Indicates that you entered a command on the comment line in the Constraint List (that is, the comment that indicates that there are no constraints for the table) and the command you entered is not one that is valid when entered on this specific comment line. Only the Inn (insert nn) blank constraints command is allowed. If nn is omitted, 1 is assumed.

R0395E

Primary Key Seq. not allowed on a &V8 column. Press HELP for more info.

R0396I

Column Null Indicator invalid for Primary Key Columns. Reset to N.

Reason:

Informs you that an invalid Null Option was present for a Primary Key Column and the option was automatically changed to N for you. Primary Key Columns are columns with a sequence number specified in the PK option field, indicating the sequence of the column in the table's primary key.

N (column is not nullable and cannot contain null values) is the only value that can be specified for Primary Key Columns because they are implicitly NOT NULL.

For your convenience, the Column Null Indicator option is automatically changed to N for you. No further action is required on your part.

Action:

See your IBM *DB2 SQL Reference or Administrator* guide for additional information concerning Primary Key Columns.

R0397W

Duplicate columns: Check Unique Constraints. Press HELP for more info.

R0398I

The PrimeKey command is obsolete. Use UniqueConst instead.

Reason:

Informs you that you entered the PrimeKey command on the primary command line; however, the PrimeKey command is obsolete and has been replaced by the new UniqueConst command.

The UniqueConst command displays the Unique Constraints Management screen, from where you can insert, modify and delete primary key and unique key constraints for your table. The UniqueConst command may be abbreviated to UC.

Action:

From now on, when you want to manage your table's unique constraints (primary key and unique keys,) use the UniqueConst command.

R0399E

Check Primary Key and Unique Key Constraints. Press HELP for more info.

R0400E

Valid Display/Sort values are Y, S or D.

Reason:

Indicates you specified an incorrect value in the DS field.

Valid values are as follows:

- Y-Column is to be displayed
- S-Column is to be displayed and sorted
- D-Column is to be displayed and sorted

R0401E

Valid Join Type values are I, O, L or R.

Reason:

Indicates you specified an incorrect value in the JOIN TYPE field.

Valid values are as follows:

- I-INNER JOIN
- O-FULL OUTER JOIN
- L-LEFT OUTER JOIN
- R-RIGHT OUTER JOIN

R0402E

Join clause has no left-hand side.

Reason:

Indicates you have made an entry in the JOIN column that has no corresponding entry in the SELECT column. You must specify an entry in the SELECT column.

The JOIN clause is generated as

`JOIN table.b ON select.column=join.column`

R0403E

Where clause has no left-hand side.

Reason:

Indicates you have made an entry in the column that has no corresponding entry in the SELECT column. You must specify a column-name in the SELECT column.

The WHERE clause is generated as:

`WHERE select.column=where.column`

R0404E

Where clause has no comparator.

Reason:

Indicates you have made an entry in the WHERE list but there is no comparator entry on that line.

The WHERE clause is generated in the format:

```
WHERE select.column=where.column
```

Note that WHERE may be replaced by any comparator valid in DB2.

The comparator is entered in the first field under the text WHERE.

R0405E

***line_command* is an invalid or unrecognizable PARTITIONS mode line command.**

Reason:

The line command that was entered on the Limit Key Values screen is unrecognizable or invalid for the Partitions maintenance mode. The invalid line command is highlighted.

Valid line commands for the Partitions maintenance mode are as follows:

- A—Place the partition(s) to be copied or moved *after* this line.
- B—Place the partition(s) to be copied or moved *before* this line.
- Cnnn—Copy *nnn* partitions (including this partition) to the location marked by A or B. If *nnn* is omitted, 1 is assumed.
- CMIN—Clear all occurrences of MINVALUE for this partition to blanks.
- CMAX—Clear all occurrences of MAXVALUE for this partition to blanks.
- Dnnn—Delete *nnn* partitions, including this partition. If *nnn* is omitted, 1 is assumed.
- Innn—Insert *nnn* blank partitions immediately after this partition. If *nnn* is omitted, 1 is assumed.

Important! Blank partitions (those without specified limit values) are *not* automatically deleted when you press Enter. Unwanted partitions must be explicitly deleted using the *Dnnn* or *DD* line command.

- Mnnn—Move *nnn* partitions (including this partition) to the location marked by A or B. If *nnn* is omitted, 1 is assumed.
- Rnnn—Repeat this partition *nnn* times and insert the duplicate partitions immediately after this partition. If *nnn* is omitted, 1 is assumed.

- RES—Reset this partition to its *old* definition. When this command is entered for a newly inserted partition that has no old definition, the partition is removed. When COMPARE is ON, and this command is entered for a newly deleted partition, the deleted partition is reinserted with its old limit key values.
- SMAX—Set all limit values for this partition to MAXVALUE.
- SMAB—Set all blank limit values for this partition to MAXVALUE.
- SMAF—Set only the first blank limit value for this partition to MAXVALUE.
- SMIN—Set all limit values for this partition to MINVALUE.
- SMIB—Set all blank limit values for this partition to MINVALUE.
- SMIF—Set only the first blank limit value for this partition to MINVALUE.
- SRC—Set this partition to its source definition.
Note: This command is valid for CA RC/Migrator compares only.
- TRG—Set this partition to its source definition.
Note: This command is valid for CA RC/Migrator compares only.
- Unnn—Undo *nnn* partitions (including this partition) and return them back to their old definitions. If *nnn* is omitted, 1 is assumed. This command performs the same function as the RES command. If you want to include deleted partitions and have them re-inserted, COMPARE must be ON.
- CC—Use paired CC commands to delimit a block of partitions to copy to the location marked by A or B.
- DD—Use paired DD commands to delimit a block of partitions to delete.
- MM—Use paired MM commands to delimit a block of partitions to move to the location marked by A or B.
- RR—Use paired RR commands to delimit a block of partitions to repeat.
- UU—Use paired UU commands to delimit a block of partitions to undo.
Note: If you want to include deleted partitions and have them re-inserted, COMPARE must be ON.

Action:

Enter a valid line command.

R0406E

Invalid Partitioning option. Valid values: Yes and No.

Reason:

An invalid value was specified for the Partitioning option. This option is used to indicate whether the table uses table-controlled partitioning.

Valid values for this option are as follows:

- Yes—Specifies that the table uses table-controlled partitioning.
If this option is NO, and your table does not use index-controlled partitioning, and you overwrite it with YES, the Table Partitioning Key Col Selection & Maint screen appears. If you do not select any key columns, the Partitioning option automatically resets to NO.
- No—Specifies that the table is *not* a partitioning table. If this option is YES and you overwrite it with NO, all of the table's partitioning information is discarded, and index-controlled partitioning is assumed.

Action:

Enter a valid value.

R0407E

Partitioning requires that your table has at least one column.

Reason:

You specified YES for Partitioning, but your table has no columns defined in its Table Column List. Partitioning is automatically reset to NO.

When you specify that you want to use table-controlled partitioning, your table must have at least one column defined for it in its Table Column List, even if it is a column whose type is not valid for a partitioning key. All that is required is that the column not be blank or incomplete in its definition.

Note: The Column Name Selection List that is built and presented on the Table Partitioning Key Col Selection & Maintenance panel (which is meant to automatically appear when you change Partitioning from NO to YES) is derived from the columns defined in the Table Column List; and, if no columns are defined in the Table Column List, the Table Partitioning Key Col Selection & Maintenance panel cannot be displayed.

Action:

Define at least one column for the table.

When this error occurs on the MQT Alter, Create, or Template panel, you need to do the following before trying to enter the KEY command again:

1. Change the Table Type field to **REGULAR** so that the Table Column List appears.
2. Define the columns that you want to use for your partitioning key (including its name, data type, and size).
3. Return to the MQT Alter, Create, or Template panel by changing the Table Type back to **MQT**.

Note: When the Table Partitioning Key Column Selection & Maintenance panel appears, only eligible columns will be selectable. Columns that are already selected (as well as columns whose data type prevents them from being included in a partitioning key), will not be available for selection.

RO408W

Your table's TS is non-parted or its number of parts is undeterminable.

Reason:

Your table is specified to use table-controlled partitioning; however, the tablespace for your table is not partitioned, or its number of parts could not be determined.

If the tablespace is defined but not partitioned, TS Parts (shown to the right of the Partitioning option) displays NONE. If the tablespace could not be found or is undefined, TS Parts displays Unkn.

If you want to create a partitioned table that uses table-controlled partitioning, the table must reside in a partitioned tablespace.

Action:

If you do not want to create a table that uses table-controlled partitioning, set Partitioning to **NO**.

You may ignore this warning; however, doing so may produce SQL errors if the generated DDL is executed on the current DB2 subsystem.

RO409E

TS is undefined or not defined as partitioned. Press HELP for info.

RO409W

One or more objects contain V8 attributes and may not be selected

Reason:

The object selection list that has been generated for you contains one or more objects that exploit DB2 V8 features that are not currently supported by this version of your RC product.

For your convenience, these objects are included in the list and are highlighted for you so that they are easily identifiable, however they are not selectable.

Objects whose names and creators, for example, are longer than that which are backwardly compatible with previous versions of DB2 are denoted with a tilde character suffix. If the unsupported DB2 V8 feature is other than a long-named attribute, such as the name or creator for example, which is normally displayed for an object in the selection list, the object is highlighted with no visible indicator denoting the specific DB2 V8 attribute that disallows its selection.

Refer to this product README file for a list of specific DB2 V8 features and attributes that are not currently supported by this version of the product.

R0410E

Ambiguous Edit Mode specification. Valid values: CONSTRAINT and COLUMN.

Reason:

Indicates that you entered an ambiguous value for Edit Mode. Although Edit Mode may be abbreviated, the abbreviation that you entered was too short and therefore could not be definitively resolved.

Edit Mode specifies the display format of the Unique Constraints Management screen. The shortest acceptable abbreviations that may be entered for Edit Mode that are not ambiguous are as follows:

- CON=CONSTRAINT-Displays a list of all of your table's constraints. From this screen you can insert new constraints, delete existing constraints or modify a constraint's attributes. You cannot modify the columns for constraint from this screen. If you wish to modify a constraint's columns you must be in COLUMN mode.
- COL=COLUMN-Displays a single constraint showing all of its columns. From this screen you can insert, delete, modify and re-arrange columns for a constraint. You cannot delete a constraint from this screen. If you wish to delete a constraint you must be in CONSTRAINT mode.

Processing cannot continue until a valid non-ambiguous value is entered for Edit Mode.

R0411E

Invalid Edit Mode specification. Valid values: CONSTRAINT and COLUMN.

Reason:

Indicates that you have specified an invalid value for Edit Mode.

Edit Mode specifies the display format of the Unique Constraints Management screen. Valid values are as follows:

- CONSTRAINT-Displays a list of all of your table's constraints. From this screen, you can insert new constraints, delete existing constraints or modify a constraint's attributes. You cannot modify the columns of a constraint from this screen. If you wish to modify a constraint's columns you must be in COLUMN mode.
- COLUMN-Displays a single constraint showing all of its columns. From this screen, you can insert, delete, modify and re-arrange columns for a constraint. You cannot delete a constraint from this screen. If you wish to delete a constraint you must be in CONSTRAINT mode.

Processing cannot continue until a valid non-ambiguous value is entered for Edit Mode.

R0412E

&V1 is an invalid or unrecognizable Constraint Column line command.

Reason:

Indicates that you entered an unrecognizable or invalid Constraint Column line command. For your convenience, the invalid line command is highlighted for you. Valid Constraint line commands are as follows:

- A-Place the column to be moved or copied after this line.
- B-Place the column to be moved or copied before this line.
- C-Copy nn columns to the location marked by A or B. If nn is omitted, 1 is assumed.
- Dnn-Delete nn columns, including this one. If nn is omitted, 1 is assumed.
- E-Display the Constraint Column Selection List for this column from where a different table column may be selected that will replace this column.

After selecting a replacement column, you are automatically returned to the Unique Constraints Management screen.

- Inn-Insert nn blank columns immediately after this column. If nn is omitted, 1 is assumed. Entering E or S beside a blank column displays the Constraint Column Selection List for the blank column.
- M-Move this column to the location marked by A or B.
- Rnn-Repeat this column nn times. Creates nn iterations of this column and inserts them immediately after this column. If nn is omitted, 1 is assumed.
- S-Select this column for edit. This line command has identical behavior as the E line command.

The following are valid Block Commands:

- CC-Block copy. Use paired CC commands to delimit a block of columns to copy to the location marked by A or B.
- DD-Block delete. Use paired DD commands to delimit a block of columns to delete.
- MM-Block move. Use paired MM commands to delimit a block of columns to move to the location marked by A or B.
- RR-Block repeat. Use paired RR commands to delimit a block of columns to repeat.

R0413E

Invalid command entered on the commentary line. Please delete.

Reason:

Indicates that you entered a command on the comment line in the constraint's Column List (that is, the comment that indicates that there are no columns defined for the constraint) and the command you entered is not one that is valid when entered on this specific comment line.

The Inn (insert nn blank columns) command is the only command allowed. If nn is omitted, 1 is assumed.

R0414E

Duplicate constraint column name. Press HELP for more information.

R0415E

Enter required field value. Press HELP for more information.

R0416E

Cannot create/alter unique constraint for table with no columns.

Reason:

Indicates that you entered the UniqueConst (UC) command on the primary command line to alter or create a unique constraint for your table and your table has no columns defined for it.

Action:

Before you can create a unique constraint (primary or unique key) you must first define at least one column for your table.

After defining column(s) for your table, you can create unique constraints for it that contains only the columns explicitly defined in your table.

R0417E

Column name not in table. Press HELP for more information.

R0418E

Invalid command. Enter S beside the column you want to select.

Reason:

Indicates that you entered an unrecognizable or invalid line command in the Column Name Selection list. For your convenience, the invalid line command is highlighted for you.

Action:

The only valid line command that may be entered is S. To select a column, enter an S beside the column you want to select for your constraint and press Enter or PF3. The column will be selected and you will be automatically returned to the previous screen. Only one column may be selected at a time.

You may cancel out of this screen without a selection by pressing PF3 before making a selection or by entering CANCEL.

R0419E

Too many columns selected. Only one column may be selected at a time.

Reason:

Indicates that you selected too many columns when only one is allowed. For your convenience, all duplicate S line commands are highlighted for you.

Action:

Remove the duplicate S commands, or enter the CANCEL command to discard all of your selections.

To select a column, enter an S beside the one column you want to select for your constraint and press Enter or PF3. The column will be selected and you will be automatically returned to the previous screen. Only one column may be selected at a time.

You may cancel out of this screen without a selection by pressing PF3 before making a selection or by entering CANCEL.

R0420E

Duplicate constraint name. Press HELP for more information.

R0421E

Only one primary key constraint is allowed.

Press PF1 or type HELP while this message is displayed for more details.

R0422I

One or more constraints were discarded because they had no columns.

Press PF1 or type HELP while this message is displayed for more details.

R0423E

Columns with data type &V8 are not allowed in a unique constraint.

Press PF1 or type HELP while this message is displayed for more details.

R0424E

Duplicate column names prevent execution of &V1 command.

Press PF1 or type HELP while this message is displayed for more details.

R0425I

Column Null Indicator invalid for Unique Key Columns. Reset to N.

Press PF1 or type HELP while this message is displayed for more details.

R0425E

Invalid TIMESTMP precision for period column. Specify 6 (for a business period), 12 (for a system period).

Press PF1 or type HELP while this message is displayed for more details.

R0426E

There are two or more constraints with identically specified columns.

Press PF1 or type HELP while this message is displayed for more details.

R0428E

Invalid object type. Table/View and Owner identifies the object type.

Press PF1 or type HELP while this message is displayed for more details.

R0430E

UniqueConst command not supported on your DB2. Press HELP for more info.

R0431E

The KEY command requires that your table has at least one column.

Press PF1 or type HELP while this message is displayed for more details.

R0432E

The LIMITS command requires your table has at least one key column.

Press PF1 or type HELP while this message is displayed for more details.

R0433E

Invalid Restrict option. Valid values: Y and N.

Press PF1 or type HELP while this message is displayed for more details.

R0434E

ROTATE not allowed on a Create or Template.

Press PF1 or type HELP while this message is displayed for more details.

R0435W

Your table will be converted to use TCP instead of ICP.

Press PF1 or type HELP while this message is displayed for more details.

R0436W

Unable to apply all ICP attributes for TCP. Check KEY, LIMITS.

Reason:

There was a problem auto-applying the index-controlled partitioning attributes from your table's clustering index and merging them with other alterations made to your table or clustering index. Thus, some attributes could not be successfully applied. This partial application of attributes may interfere with the table being converted to use table-controlled partitioning.

This warning usually occurs if key and column alterations are too extensive (for example, deleting a table column that is also a key column in the clustering index key).

Note: When index-controlled partitioning attributes are applied to your table to make it appear to be a table that is using table-controlled partitioning, the original names defining the table and its columns; its clustering index and key columns; the tablespace, and database are used for matching. For example, you might have altered the name of a table column or a key column in the clustering index. However, assuming the column has not been deleted from the table or index, the clustering index's attributes will be applied to your table by using the old names. The original columns will still match between the table and the clustering index even if they happened to be rearranged.

Important! Changes in data types, sizes, and scales between the table and clustering index are not checked for compatibility prior to the application of attributes.

Action:

Use the KEY and LIMITS primary commands to verify the partitioning key columns and limit values for your table.

If you do *not* want your table to be converted to use table-controlled partitioning, enter one of the following commands on the command line:

- Enter **CANCEL** to discard your changes and return to the previous screen.
- Enter **RESET** to discard changes without leaving the Table Alter/Template screen.

R0437E

Unable to apply any ICP attributes for TCP. New KEY, LIMITS required.

Reason:

There was a problem auto-applying the index-controlled partitioning attributes from your table's clustering index and merging them with other alterations made to your table (or its clustering index). The attributes were not applied to your table.

The Table Partitioning Key Col Selection & Maint screen automatically appears so that you can select the key columns for your table's partitioning key. You will also need to enter new limit values.

Note: When index-controlled partitioning attributes are applied to your table to make it appear to be a table that is using table-controlled partitioning, the original names defining the table and its columns; its clustering index and key columns; the tablespace, and database are used for matching. If a discrepancy is detected, the apply process is halted, and only attributes that have been successfully applied up to that point are kept.

However, certain kinds of changes made to the table or its clustering index may cause the process to stop before any index-controlled partitioning attributes are applied to your table (thus causing this error message). An example is when the first (or only) key column for a table that uses index-controlled partitioning is deleted prior to changing the Partitioning option on the Table Alter/Template screen from NO to YES. This will cause the matching process to be halted when processing the first key column (before any index-controlled partitioning attributes are applied).

Important! Changes in data types, sizes, and scales between the table and clustering index are not checked for compatibility prior to the application of attributes.

Action:

Select the key columns for your table, and then press END. On the Table Alter/Template screen, enter the LIMITS primary command. On the Table Partitioning & Limit Key Values screen, enter limit values for your partitioning key.

If you do *not* want your table to be converted to use table-controlled partitioning, enter one of the following commands on the command line:

- Enter CANCEL to discard your changes and return to the previous screen.
- Enter RESET to discard changes without leaving the Table Alter/Template screen.

R0438I

Parts inserted/reinstated that is equal to number of tablespace parts.

Reason:

On the Table Partitioning & Limit Key Values screen, blank partitions have been inserted for your table (or excessive blank partitions have been deleted from your table) so that the number of blank partitions is equal to the number of partitions defined for the table's tablespace.

This action automatically occurs under either of the following circumstances:

- You delete all partitions for your table.
- All partitions are blank and the number of blank partitions exceeds the number of partitions defined for the table's tablespace. If the tablespace for the table is not found or is not defined as partitioned, the default 10 is used instead.

Note: If the tablespace for the table is not found or is not defined as partitioned, the default 10 is used instead.

Automatic insertion of blank partitions does not occur after you have defined at least one partition with a limit value. You may insert more partitions (or delete unused partitions) when the screen is in Partitions mode.

Action:

None.

R0439I

Default number of 10 parts inserted/reinstated.

Reason:

For your table on the Table Partitioning & Limit Key Values screen, blank partitions were inserted (or unnecessary blank partitions were deleted) so that the number of blank partitions is equal to the default number of 10.

This activity occurs automatically under either of the following conditions:

- You intentionally or inadvertently delete all partitions for your table.
- All partitions are blank, and the number of blank partitions exceeds the default number of 10 partitions for a table's tablespace whose number of partitions is undeterminable because the tablespace could not be found or is not defined as partitioned.

Note: If the tablespace for the table is found and defined as partitioned, the explicit number of partitions defined for the tablespace is used instead.

Automatic insertion of blank partitions does not occur if you define at least one partition with a limit value. When the screen is in Partitions mode, you may insert more partitions (or delete unused partitions).

Action:

None.

R0440I

Cluster changed to NO because table already has a clustering index.

Reason:

Cluster has been automatically altered to NO because the table object for the index already has a clustering index defined, and DB2 allows only one clustering index for a table.

Action:

None.

R0441E

The &V1 command is not allowed for indexes on table objects using TCP.

Reason:

You entered an L line command beside a partition or entered the Limits primary command for your partitioned index. Neither command is allowed because the table object already has limits defined for it through table-controlled partitioning.

Important! If the error message appears in a message box (thus hiding the invalid command), place the cursor inside the message box and press Enter to remove the message box.

R0442E

The &V1 command is not allowed because the table object already has limits defined through another index.

Reason:

You entered an L line command beside a partition or entered the Limits primary command for your partitioned index. Neither command is allowed because the table object is using index-controlled partitioning and already has limits defined for it through another index that is a clustering index.

Important! If the error message appears in a message box (thus hiding the invalid command), place the cursor inside the message box and press Enter to remove the message box.

R0443E

The &V1 command is not allowed for a DPSI.

Reason:

An L line command was entered beside a partition, or the Limits primary command was entered for your partitioned index. Neither command is allowed, because the index is defined as a Data Partitioned Secondary Index (DPSI), and DPSIs do not support limit values.

Action:

None.

R0444I

FORMAT DELIM used for one or more variable-length data type columns.

Reason:

The FORMAT command was used to set the format (or method) to CHAR for one or more columns whose data type is (or is treated like) VARCHAR or LONGVAR or for a User-Define Distinct Type (UDT) that is sourced on these data types; however, the CHAR option is not applicable to variable-length data types. Therefore, DELIM was used instead for data types that are variable-length (or are treated as such).

CHAR formatting has been applied to all columns (if any) whose data type is supported by the FORMAT command's CHAR option.

Action:

None.

R0445E

Unable to rotate: Original TS partition count is zero.

Reason:

You are requesting that a rotation of partitions—first to last—be performed on a table whose tablespace was originally not partitioned. This activity is not allowed. If the original tablespace of the table was not partitioned, a rotation cannot be performed because there is no explicit base partitioning count upon which the rotation can be performed.

This error usually occurs because you are altering a table that originally resided in a non-partitioned tablespace, and you changed the Partitioning option on the Table Alter screen from NO to YES. Although this action is allowed, doing a rotation on the altered table is not allowed—even if the tablespace is altered to be a tablespace that is partitioned. The rotation is discarded and is not performed.

Action:

None.

R0446W**DDL Gen Alert: Rotate on undefined TS or TS not defined as partitioned.****Reason:**

You are requesting that a rotation of partitions-first to last-be performed on a table whose tablespace is undefined or not defined as partitioned.

When the tablespace is undefined or not defined as partitioned, the number of partitions for the tablespace cannot be determined. In this situation, the original number of partitions defined for the tablespace is used.

This error usually occurs for one of the following reasons:

- The table being altered no longer resides in a partitioned tablespace.
- The name of the table's tablespace was altered to one that is not defined or not defined as partitioned.
- The table's tablespace was deleted or altered to be non-partitioned in the same strategy in which the table is being altered.

Note: If your changes cannot be accomplished using ALTER TABLE statements, the table and its tablespace are dropped and re-created with all your changes, and no ROTATE PARTITION FIRST TO LAST or ADD and ALTER PARTITION statements are generated.

Action:

The warning may be ignored; however SQL errors may result if the generated DDL is executed on the subsystem on which the DDL was generated.

To discard the rotation request, enter **RESTORE**, or press **CANCEL** to return to the previous screen. All changes up to the point of your last save will be discarded.

To see the differences between the old and new definition of the object, issue the COMPARE primary command, which will display text showing how changes will be applied to the original definition.

R0447W

Number of rotations exceeds number of original tablespace parts.

Reason:

The number of rotations specified for your partitioned table exceeds the original number of partitions defined for its tablespace.

When making rotations using ROTATE PARTITION FIRST TO LAST statements, the number of rotations that may be performed in a single session or strategy for the table cannot exceed the original number of partitions defined for the table's tablespace-even if the tablespace is altered to have more or fewer partitions.

Note: When altering a partitioned table so that the number of requested rotations exceeds the original number of partitions explicitly defined for the table's tablespace, the table and its tablespace are dropped and re-created with all your changes (without using any ROTATE PARTITION FIRST TO LAST statements).

Action:

To discard the ROTATE request, enter **RESTORE**, or press **CANCEL** to return to the previous screen. All changes up to the point of your last save will be discarded.

To see the differences between the old and new definition of the object, issue the COMPARE primary command, which will display text showing how changes will be applied to the original definition.

R0448W

Only the original parts associated with the tablespace are rotated.

Reason:

Prior to your request for a rotation of partitions, one or more partitions had been added to your table's tablespace (using the Table Partitioning & Limit Key Values screen). The rotation of partitions is restricted to the partitions that were defined for the tablespace. All partitions other than the original partitions are omitted from the rotation.

Important! If your changes can be accomplished using ALTER TABLE statements, ROTATE PARTITION FIRST TO LAST statements are always generated first, followed by ADD and ALTER PARTITION statements.

Action:

To discard the ROTATE request, enter **RESTORE** or press **CANCEL** to return to the previous screen. All changes up to the point of your last implicit or explicit save will be discarded.

To see the differences between the old (original) and new definition of the object, issue the COMPARE primary command. Information will be displayed, showing how your changes will be applied to the original definition.

R0449E

Unable to rotate: Remaining part count is less than the original count.

Reason:

One or more partitions have been deleted from your table's tablespace (using the Table Partitioning & Limit Key Values screen or another method). As a result, the number of partitions was reduced to a number that is less than the original number defined for the tablespace.

Note: Rotations can only be performed against a tablespace's original partitions.

In this situation, the table and its tablespace are dropped and re-created with all your changes, which makes a rotation impossible. The request to rotate is discarded.

Action:

To discard all changes since your last save, enter RESTORE or press CANCEL and return to the previous screen.

To see the differences between the old and new definition of the object, issue the COMPARE primary command, which will display information showing how your changes will be applied to the original definition.

R0450E

The ALL Command cannot be processed because PARSE is OFF.

Reason:

You entered the ALL command while PARSE is turned OFF, which prevents the command from being processed. If you want to have column names automatically inserted into the editable area of the SQL, or if you want parsing for @ signs and column names substituted in their place (using the ALL command), PARSE must first be turned ON.

Action:

Turn PARSE on by entering **PARSE** in the command line, then enter **ALL** in the command line.

R0451I

PARSE turned ON as a result of COLS being turned ON.

Reason:

PARSE has been automatically turned ON because COLS was turned ON. When COLS is ON, PARSE must also be ON.

Action:

No action is required.

R0452I

COLS turned OFF as a result of PARSE being turned OFF.

Reason:

COLS has been automatically turned OFF because PARSE was turned OFF. When PARSE is OFF, COLS must also be OFF.

Action:

No action is required.

R0453E

The CAPS Command is not supported on a DBCS device.

Reason:

You entered the CAPS command, and the terminal that you are using is a DBCS device. The CAPS command is not supported on a MIXED mode terminal.

Action:

The command is discarded. No additional action is required.

R0454I

CAPS Lock has been turned OFF because MATCHCASE is OFF.

Reason:

The SQL editable area's CAPS Lock has been automatically turned OFF because MATCHCASE was OFF. MATCHCASE and CAPS Lock are synchronized when starting an alter or template of an object (or when resuming the edit of an object's definition).

Note: This behavior does *not* happen when the saved CAPS Lock setting is OFF or when the CAPS Lock is turned OFF because the SQL contains mixed-case content.

The saved screen setting for CAPS Lock is not affected.

Action:

No action is needed.

Note: If you do not want the CAPS Lock turned OFF, you can turn it ON by entering CAPS in the command line.

R0455I**DB2 object contains lower case characters. MATCHCASE && CAPS disabled.****Reason:**

MATCHCASE and the SQL editable area's CAPS Lock have both been turned OFF because at least one of the following has occurred:

- The name of the DB2 object that you selected from a list, or a dependent or parent object displayed on the panel (that is not in the SQL editable area) contains lowercase characters.
- A dependent or parent object that you selected from a list (that is not in the SQL editable area), contains lowercase characters.
- On a create, one or more user-defined defaults applied to your object (that is not in the SQL editable area), contains lowercase characters.
- You applied defaults to your object with the APPLY DEF command and one or more default values applied to your object (that is not in the SQL editable area), contains lowercase characters.
- You reset the object's attributes to its OLD values with the RESET command and one or more OLD values applied to your object (that is not in the SQL editable area), contains lowercase characters.
- You set the object's attributes on an RC/Migrator Compare to that of its SOURCE values with the SOURCE command and one or more SOURCE values applied to your object (that is not in the SQL editable area), contains lowercase characters.
- You set the object's attributes on an RC/Migrator Compare to that of its TARGET values with the TARGET command and one or more TARGET values applied to your object (that is not in the SQL editable area), contains lowercase characters.

If MATCHCASE is turned OFF, the SQL editable area's CAPS Lock is overridden to OFF to match.

This behavior happens only when MATCHCASE is automatically turned OFF; and, only when the screen initially displays. This behavior does not happen when the CAPS Lock is automatically turned OFF because the SQL editable area contains mixed-case content.

The Matchcase option controls how object name processing (outside of the SQL editable area) regarding case sensitivity is to be handled. When Matchcase is ON (enabled), names of objects are accepted as entered and are case-sensitive.

When Matchcase is OFF (disabled), names of objects are accepted as entered and are NOT case-sensitive. When Matchcase is set to CAPS, names are unconditionally forced to uppercase.

The CAPS Lock option controls the SQL editable area, only, and can be either ON or OFF. All standard DB2 rules apply concerning SQL containing mixed case data.

Action:

No action is required.

Note: To change the current setting of MATCHCASE and the CAPS Lock, you can use the MATCHCASE and CAPS commands. Entering MATCHCASE on the primary command line without an option displays the current setting of the Matchcase option. Entering CAPS toggles the CAPS Lock setting for the SQL editable area between OFF and ON.

R0458E

Invalid Hex Constant: *reason*

Reason:

The hexadecimal constant for the table column is invalid for the specific reason shown in the message.

In general, a hexadecimal constant is an unlimited sequence of hexadecimal digit pairs, with each pair representing a single character or byte of data.

Each pair of digits can consist of any combination of numbers 0 to 9 and lowercase or uppercase alphabetic characters A through F. For example, the following hexadecimal constants are equivalent to each other:

0123456789ABCDEF 0123456789abcdef 0123456789AbCdEf

Rules are as follows:

- The sequence must always be an even number of hexadecimal digits, with no other characters, symbols, or embedded blanks between digits or digit pairs.
- The number of digits specified for the constant cannot exceed twice the defined length of the data type.
- For character string constants (CHAR and VARCHAR), and for columns whose distinct type is sourced on either of these data types, the HEX option must be selected; otherwise, the constant must be explicitly wrapped with the delimiters X".
- For binary constants (BINARY and VARBIN), and for columns whose distinct type is sourced on either of these data types, the constant must be specified with no delimiters.

For character string data types (CHAR and VARCHAR), and for distinct types sourced on either of these data types, a hexadecimal constant can be specified as one of the following:

- An unlimited hexadecimal string (when the HEX option is checked)
- A delimited hexadecimal string wrapped with the delimiters X" (regardless of the HEX option setting).

When the HEX option is selected, the constant is assumed to be a hexadecimal string. The constant may be specified with or without the X" delimiters. When the HEX option is selected and delimiters are not included, the string is automatically wrapped with the necessary X" delimiters at the time the DDL is generated.

When the HEX option is not selected, and the characters X' are present in the first two character positions, the constant is assumed to be a hexadecimal string (meaning that the data that immediately follows the X' is interpreted as such).

The constant for binary data types (BINARY and VARBIN), and for distinct types sourced on either of these data types, must always be specified as an undelimited hexadecimal string.

The string is automatically wrapped with the necessary BX" delimiters at the time the DDL is generated.

Action:

Correct the problem so that processing can continue.

R0459E

You have entered an invalid integer number.

Reason:

The SMALLINT, INTEGER, or BIGINT constant that you entered is invalid or does not follow the required syntactical rules that the product understands.

An integer constant must contain only numeric characters (0 to 9) and one optional leading sign character (+ or -) to indicate a positive or negative value. The constant cannot contain embedded blanks or other characters or symbols.

The constant must also be within the valid range for the column's defined data type (or data type upon which its distinct type is sourced).

SMALLINT (small integer) limitations are as follows:

- Precision (bits): 15
- Largest Negative: -32768
- Largest Positive: +32767

INTEGER (large integer) limitations are as follows:

- Precision (bits): 31
- Largest Negative: -2147483648
- Largest Positive: +2147483647

BIGINT (big integer) limitations are as follows:

- Precision (bits): 63
- Largest Negative: -9223372036854775808
- Largest Positive: +9223372036854775807

Action:

Examine and correct the erroneous value so that processing can continue.

To return to the previous panel without making or saving your changes, enter **CANCEL**.

R0470I

One or more omitted values have been defaulted. HELP for details.

Reason:

One or more partition or table space fields were defaulted because they were left blank.

The following is a list of fields and options, along with their associated default values, that are automatically defaulted when intentionally omitted or left blank.

- PRIQTY-Minimum primary space allocation for a DB2-managed data set. The default is the keyword DEFAULT. For a user-managed dataset, this field will always be set to 0.
- SECQTY-Minimum secondary space allocation for a DB2-managed data set. The default is the keyword DEFAULT. For a user-managed data set, this field will always be set to 0.
- ERASE-Indicates whether the DB2-managed data sets are to be erased when they are deleted during the execution of a utility or an SQL statement that drops the table space. The default is always NO.
- FRPAGE-Specifies FREEPAGE, which is how often to leave a page of free space when the table space or partition is loaded or reorganized. The default is 0.
- %FR-Specifies PCTFREE, which is the percentage of each page to leave as free space when a table is loaded or reorganized. The default is 5.
- COMP-Indicates whether data compression applies to the rows of the table space or partition. The default is always NO.

Action:

You cannot change these built-in defaults that are used. However, if you wish to change any of these inserted values to something else, type over them with a new value or use the APPLY DEFAULTS command.

For a user-managed data set, i.e. when VCAT is specified, the PRIQTY and SECQTY fields are always reset to zeros and neither may be overridden. Any non-zero or non-blank value entered into of these two fields will be ignored and reset to zero.

Blanking out both the VCAT and STOGROUP fields of a partition for a partitioned tablespace is equivalent to specifying the D (DELETE) line command and will cause the partition to be deleted.

On a Tablespace Create or on inserting a new partition, the initial values with which these fields are populated may be specified through Object Definition Defaults. For additional information on Object Definition Defaults, refer to the DEFAULTS and APPLY DEFAULTS commands.

R0471W

One or more numeric values were out of range and have been defaulted.

Reason:

One or more numeric fields for your table space or partition were defaulted because they were out of range of the allowable values. This warning may also be issued when changing from a user-managed to a DB2-managed dataset by clearing or blanking out the VCAT field if it had previously been non-blank, causing the PRIQTY and/or SECQTY fields to be reset.

Following is a list of the numeric fields that are affected. Included is a description of each field's valid range, the values to which each field is automatically defaulted and the conditions under which they are defaulted.

PRIQTY

Specifies the minimum primary space allocation for a DB2-managed data set. The valid range of values is 12 to 4194304, or the keyword DEFAULT. PRIQTY is defaulted to 12 when the value entered is less than 12, and defaulted to 4194304 when the value entered is greater than 4194304. For user-managed datasets, PRIQTY is always defaulted to 0.

SECQTY

Specifies the minimum secondary space allocation for a DB2-managed data set. The valid range of values is 0 to 4194304, or the keyword DEFAULT. SECQTY is defaulted to 4194304 when the value entered is greater than 4194304. For user-managed datasets, SECQTY is always defaulted to 0.

FRPAGE

Specifies FREEPAGE, which is how often to leave a page of free space when the table space or partition is loaded or reorganized. The valid range of values is 0 to 255. FREEPAGE is defaulted to 255 when the value entered is greater 255.

%FR

Specifies PCTFREE, which is the percentage of each page to leave as free space when the table is loaded or reorganized. The valid range of values is 0 to 99. It is not possible to enter a value into this field that is outside this range.

For a user-managed dataset, i.e. when VCAT is specified, the PRIQTY and SECQTY fields are always reset to zeros and neither may be overridden. Any non-zero or non-blank value entered into of these two fields will be ignored and reset to zero.

On a Tablespace Create or on inserting a new partition, the initial values with which these fields are populated may be specified through Object Definition Defaults. For additional information on Object Definition Defaults, refer to the DEFAULTS and APPLY DEFAULTS commands.

R0473E

One or more numeric fields contain invalid numbers or characters.

Reason:

One or more numeric fields for your table space or partition contains syntactically invalid numeric values or non-numeric characters. For your convenience, the field(s) found in error have been highlighted for you so they are easy to identify and the cursor has been positioned to the first invalid field.

Following is a list of the numeric fields to which this error pertains, as well as a brief description of each field and its range of valid values.

PRIQTY

Specifies the minimum primary space allocation for a DB2-managed data set. The valid range of values is 12 to 4194304, or the keyword DEFAULT. Specifying DEFAULT causes the PRIQTY clause to be omitted on a CREATE TABLESPACE, and causes the PRIQTY -1 clause to be inserted on an ALTER TABLESPACE, with the exception that the clause PRIQTY 12 is inserted when generating an ALTER TABLESPACE statement for DB2 versions prior to V8. For user-managed dataset (when VCAT is specified,) this field is forcibly set to 0 and cannot be overridden.

SECQTY

Specifies the minimum secondary space allocation for a DB2-managed data set. The valid range of values is 0 to 4194304, or the keyword DEFAULT. Specifying DEFAULT causes the SECQTY clause to be omitted on a CREATE TABLESPACE, and causes the SECQTY -1 clause to be inserted on an ALTER TABLESPACE, with the exception that the clause SECQTY 12 is inserted when generating an ALTER TABLESPACE statement for DB2 versions prior to V8. For user-managed dataset (when VCAT is specified,) this field is forcibly set to 0 and cannot be overridden.

FRPAGE

Specifies FREEPAGE, which is how often to leave a page of free space when the table space or partition is loaded or reorganized. The valid range of values is 0 to 255.

%FR

Specifies PCTFREE, which is the percentage of each page to leave as free space when the table is loaded or reorganized. The valid range of values is 0 to 99. It is not possible to enter a value into this field that is outside this range.

R0474E

Invalid ERASE value. Valid values: YES and NO.

Reason:

You specified an invalid value for the ERASE option. The ERASE option indicates whether the DB2-managed data sets are to be erased when they are deleted during the execution of a utility or an SQL statement that drops the table space. Valid values for this option are:

NO

Does not erase the data sets. Operations involving data set deletion will perform better than ERASE YES. However, the data is still accessible, though not through DB2. This is the default.

YES

Erases the data sets. As a security measure, DB2 overwrites all data YES erases the data sets. As a security measure, DB2 overwrites all data in the data sets with zeros before they are deleted.

Action:

Correct this error by entering one of the above values for this option. A valid value must be entered before processing can proceed.

R0475E

Invalid COMP value. Valid values: YES and NO

Reason:

You specified an invalid value for the COMP option. The COMP option indicates whether data compression applies to the rows of the table space or partition. Valid values for this option are:

NO

Do not compress the table space or partition.

YES

Specifies data compression for the table space or partition. The rows are not compressed until the LOAD or REORG utility is run on the table in the table space or partition.

Action:

Correct this error by entering one of the above values for this option. A valid value must be entered before processing can proceed.

R0476E

Invalid TRKMOD value. Valid values: YES and NO.

Reason:

You specified an invalid value for the TRKMOD option. The TRKMOD option indicates whether DB2 keeps track of modified pages in the space map pages of the table space or partition. Valid values for this option are as follows:

NO

DB2 is not to track changed pages in the space map pages. DB2 uses the LRSN value in each page to determine whether a page has been changed.

YES

DB2 is to track changed pages in the space map pages to improve the performance of incremental image copy.

blanks

This is the default for this field when creating a new tablespace. When blanks are specified, DB2 implicitly uses YES as the default for TRACKMOD when creating the tablespace.

Action:

Correct this error by entering one of the above values for this option. A valid value must be entered before processing can proceed.

R0477E

Invalid Compress Option. Valid values are YES and NO.

Reason:

An invalid option was specified for the COMPRESS field. Valid values are as follows:

YES

Uses index compression. If the index is partitioned, the clause applies to all partitions. On an ALTER, unless COMPRESS is being changed to YES, no clause is inserted into the generated DDL.

On a CREATE, when COMPRESS is YES, the COMPRESS YES clause is inserted into the generated DDL.

NO

Does not use index compression. On an ALTER, unless COMPRESS is being changed to NO, no clause is inserted into the generated DDL. On a CREATE, when COMPRESS is NO, the COMPRESS NO clause is not inserted into the generated DDL and is allowed to default according to DB2 rules.

Note: The buffer pool that is used to create the index must be 8 KB, 16 KB, or 32 KB.

This field is supported by object definition defaults. On a CREATE, unless overridden with a non-blank default value, this field initially defaults to NO.

Action:

Enter a valid value.

R0478E

Compress option conflicts with Bufferpool size.

Reason:

The COMPRESS option conflicts with the buffer pool size. If you specify YES for COMPRESS, the buffer pool that is used to create the index must be 8 KB, 16 KB, or 32 KB in size.

Action:

Specify a valid value for the buffer pool and then retry the operation.

R0479I

Screen size insufficient to show HEADER and Table Column list together. Press HELP for more information.

R0480E

Required parameter `<column_name>` missing on `&ro480v1` command.

Reason:

The command that was entered for setting or clearing MAXVALUE or MINVALUE is missing a required parameter. At least one column name (or an asterisk) must be included with the command.

Action:

Specify valid syntax. To specify more than one column at a time, place a space or comma between each additional column name. To specify all columns, specify an asterisk in place of the column name.

For example, entering the command `SMAX EMPLOYEE_NUMBER,SSN` sets columns `EMPLOYEE_NUMBER` and `SSN` in all partitions to MAXVALUE. Entering the command `CMAX *` clears all occurrences of MAXVALUE in all columns in all partitions.

If you want to unconditionally set all columns for a single partition, conditionally set only columns that have blank limit values, or conditionally set only the first column with a blank limit value for a single partition (without affecting adjacent rows or columns belonging to other partitions), enter the `SMAX`, `SMAB`, `SMAF`, `SMIN`, `SMIB` or `SMIF` line command beside the row for the partition in which you want to set MAXVALUE or MINVALUE. Use the `CMAX` or `CMIN` line command to clear all occurrences of MAXVALUE or MINVALUE for a specific partition.

Note: Limit values that are set to MAXVALUE or MINVALUE cannot be directly modified while in maintenance modes `VALUES ONLY` or `PARTITIONS`. To directly specify which limit values you want to set and/or clear, switch to MAXVALUES mode (using the MAXVALUES primary command).

R0481E

Column name '`column_name`' is invalid or does not exist.

Reason:

A column name that was specified on the command for setting or clearing MAXVALUE or MINVALUE is invalid for the indicated column name, or the column name is not a key column of the partitioning table or index.

Action:

Correct the command syntax appropriately. For example, entering the command `SMAX STREET_ADDRESS` sets the column `STREET_ADDRESS` for all partitions to MAXVALUE.

To specify more than one column at a time, place a space or comma between each additional column name. For example, entering the command `SMAX EMPLOYEE_NUMBER,SSN` sets the columns `EMPLOYEE_NUMBER` and `SSN` in all partitions to MAXVALUE.

To specify all columns, specify an asterisk in place of the column name. For example, entering the command CMAX * clears all occurrences of MAXVALUE in all columns in all partitions.

Enter the SMAX, SMAB SMAF, SMIN, SMIB, or SMIF line command beside the row for the partition in which you want to set MAXVALUE or MINVALUE if you want to do any of the following without affecting adjacent rows or columns belonging to other partitions:

- Unconditionally set all columns for a single partition.
- Conditionally set only columns that have blank limit values.
- Conditionally set only the first column with a blank limit value for a single partition.

Use the CMAX or CMIN line command to clear all occurrences of MAXVALUE or MINVALUE for a specific partition.

Note: Limit values that are set to MAXVALUE or MINVALUE cannot be directly modified while in maintenance modes VALUES ONLY or PARTITIONS. To specify which limit values you want to modify, use the MAXVALUES primary command to switch to MAXVALUES mode.

RO482E

Invalid command syntax on &ro482v1 command.

Reason:

The command that was entered for setting or clearing MAXVALUE or MINVALUE contains syntactical errors.

This error is usually caused by specifying a column name that contains embedded or unbalanced single or double quotation marks.

Action:

Correct the command syntax, utilizing the following rules:

- Enclose names containing embedded spaces with a balanced pair of single or double quotation marks (for example, 'MY COLUMN NAME' or "MY COLUMN NAME").
- Enclose names containing embedded single quotation marks with a balanced pair of double quotation marks (for example, "SAM'S COLUMN NAME").
- Enclose names containing embedded double quotation marks with a balanced pair of single quotation marks (for example, 'MY "COLUMN" NAME').

Note: Names containing a mixture of both embedded single and double quotation marks is not supported.

R0483W

One or more limit values have been unprotected.

Reason:

Limit values were automatically unprotected because you switched to the PARTITIONS maintenance mode, which does not support protection of limit values. All protection has been discarded.

If you want to protect limit values, the Limit Key Values screen must be in VALUES ONLY or MAXVALUES mode.

Action:

To switch modes, enter **VALUES** or **MAXVALUES** on the command line. You will need to re-enter the PROTECT primary command and/or PR line command to protect the columns or partitions that you want protected.

Note: When you switch to PARTITIONS mode from VALUES ONLY or MAXVALUES mode, all protection is discarded, and any protected limit values are automatically unprotected.

R0484E

Limit value protection is not available in PARTITIONS mode.

Reason:

You entered the PROTECT or UNPROTECT primary command while in the PARTITIONS maintenance mode. However, the ability to protect limit values is not available in PARTITIONS mode. The command is discarded.

If you want to protect limit values, the Limit Key Values screen must be in VALUES ONLY or MAXVALUES mode.

Action:

To switch to VALUES ONLY or MAXVALUES mode, enter the VALUES or MAXVALUES primary command.

Note: When you switch to PARTITIONS mode from VALUES ONLY or MAXVALUES mode, all protection is discarded, and any protected limit values are automatically unprotected.

R0485E

The SaveSettings command is not allowed in MAXVALUES mode.

Reason:

You entered the SaveSettings primary command while in the MAXVALUES maintenance mode, but saving MAXVALUES as your default mode is not allowed.

Note: Because the default maintenance mode is also used for automatic solicitation of limit values and for processing when you press END, setting the default maintenance mode to MAXVALUES is not allowed.

The command is discarded, and your settings are not saved.

Action:

If you want to set the default mode to VALUES ONLY or PARTITIONS, enter **SAVESETTINGS** while in either of those modes.

R0486I

One or more deleted partitions not shown.

Reason:

Although one or more partitions were deleted, you specified COMPARE ON while in maintenance mode VALUES ONLY or MAXVALUES, or you switched to VALUES ONLY or MAXVALUES mode while COMPARE was set to ON.

Neither mode is designed for the management of partitions (but rather for the management of the partition limit values only); therefore, the deleted partitions are omitted from the display.

Action:

If you want deleted partitions displayed, you must be in PARTITIONS mode.

To activate this mode, enter PARTITIONS on the command line. The deleted partitions will then appear as long as COMPARE remains set to ON.

R0487E

Only MIN and MAX allowed in MAXVALUES Mode. Invalid value(s) ignored.

Reason:

A valid other than MAX, MIN, or blanks was specified for one or more limit values while in MAXVALUES mode. All invalid values were ignored and restored to previous values.

If you are working with an index object, and you want to enter a value other than MAX or MIN for a limit value, you must be in VALUES ONLY mode. If you are working with a table object, and you want to enter a value other than MAX or MIN for a limit value, you must be in VALUES ONLY or PARTITIONS mode.

When the maintenance mode is MAXVALUES, only the following entries are allowed:

- MAX—Sets the specific limit value to MAXVALUE.
- MIN—Sets the specific limit value to MINVALUE.
- Spaces (blanks)—Removes the current MINVALUE or MAXVALUE setting for the specific limit value.

Action:

Enter an appropriate value.

R0488I

Screen size insufficient to show HEADER, *list_names* together. Press HELP for more information.

R0489I

Screen size insufficient to show HEADER and Partition List together. Press HELP for more information.

R0580E

***command_name* is an invalid or unrecognizable Parameter Declaration line command.**

Reason:

The specified line command is invalid for the Parameter Declaration List in your procedure. The invalid line command is highlighted.

Action:

Enter a valid value.

Note: For descriptions of valid values, see the online help.

R0581I

SQL Access overridden from NO to MODIFIES because JAR Name is not blanks.

Reason:

The SQL Access option has been automatically overridden to MODIFIES (the DB2 default) because JAR Name is not blank. SQL Access cannot be NO unless JAR Name is blank.

Note: For descriptions of acceptable SQL Access values, see the online help.

Action:

Unless you want SQL Access set to another allowable value, no action is required.

R0582I

DBINFO overridden to NO because Parm Style is not SQL.

Reason:

The DBINFO option has been automatically overridden to NO because the Parm Style option did not specify SQL. Unless Parm Style is SQL, DBINFO must be NO. This also means that if the procedure's Language does not allow PARAMETER STYLE SQL or allow the PARAMETER STYLE clause, DBINFO must be NO.

Action:

No action is required.

R0583E**Parm CCSID incompatible with Parameter Declaration CCSID for distinct type.****Reason:**

The value specified for the Parm CCSID option in the header conflicts with the CCSID for a distinct type that is specified for one of the procedure's parameter declarations.

Note: You might need to scroll to the right to view or edit this field.

According to DB2, the PARAMETER clause (specified by way of Parm CCSID) is meant as a convenient way to specify the encoding scheme for all string parameters. Accordingly, Parm CCSID is automatically propagated into each parameter declaration's CCSID. However, because the CCSID for a distinct type cannot be overridden, the header's Parm CCSID value cannot be automatically propagated into the conflicting parameter declaration's CCSID.

The product positions the cursor to the Parm CCSID field in the header and highlights the conflicting fields in the first parameter declaration in which the problem was detected.

If Language is SQL and the SQL Body is showing, the Parameter Declaration List is automatically toggled ON.

Action:

Do one of the following:

- Change Parm CCSID in the Header to **DEFAULT**.
- Change Parm CCSID in the Header to match the CCSID of the distinct type.
- Choose a distinct type for the parameter declaration that matches the Parm CCSID.
- Choose a built-in type, instead of a distinct type, for the parameter declaration and set its CCSID to **DEFAULT** (or a value that matches Parm CCSID).

If the Parameter Declaration List is not visible because there is not enough room, do one of the following:

- Enter **HEADER** in the command line to toggle the header OFF.
- Enter **COMPARE** in the command line to toggle the compare display OFF.

R0584I

One or more options overridden to be compatible with DB2.

Reason:

In the object definition defaults profile for your ID, defaults for one or more defined options were overridden to values that are allowable for the version and mode of DB2 that you are using.

All overridden options are highlighted (although the highlighting disappears when you press Enter).

Note: This situation does not apply to options that are intentionally not displayed because they are inapplicable to the Language and Fenced settings.

The process occurs as follows:

- If there is only one possible alternative valid value, the option is automatically overridden to that value. For example, assuming you are using CA RC/Update, if Language and Fenced are set to *SQL* and *NO*, respectively, in the defaults profile for your ID, and your version of DB2 is V8 (or DB2 9 in compatibility mode), Fenced is overridden to *YES*, which is the only value that will cause CA RC/Update to generate DDL that will successfully execute on DB2 V8 or DB2 9 in compatibility mode.
- If there are two or more possible alternative valid values for an option, the product uses the value that DB2 uses when the corresponding clause for that option is omitted from generated DDL; if there is no DB2 default, the product uses its own internal default.

Action:

If the automatic overrides are acceptable to you, or if no alternative values are available for overridden fields, no action is required. If alternative values are available, review those available values.

R0585E**REQUIRED PARAMETER NAME MISSING FOR NATIVE SQL PROCEDURE****Reason:**

One or more defined parameter declarations for your native SQL procedure are missing a required parameter name. Any declared parameters for a native SQL procedure must have a parameter name. Each name must be unique for the version of the procedure for which parameters are being declared.

The product enables the Parameter Declaration List and highlights the space for the first omitted parameter name.

When you declare parameters for a native SQL procedure, the following rules apply:

- All parameters defined with a TT (Transition Table) option of NO must specify a parameter name. Each name must be unique for the version of the procedure for which parameters are being declared.
- When two or more consecutive parameters are defined with TT=YES, a name must be specified for the first parameter in the group.

Action:

Correct all missing parameter names so that processing can continue.

If the Parameter Declaration List is not visible because the panel has insufficient room, do *one* of the following:

- Enter **HEADER** in the command line to turn off the header.
- Enter **COMPARE** in the command line to turn off the compare display.

R0586E

Duplicate parameter name. Press HELP for more information.

R0587E

Enter required field.

Reason:

A value was omitted for a field that requires a value. The field is highlighted, and the cursor is positioned to the field. If the field contains a value, the value must be replaced with another value.

Action:

Enter a value in the field to which the cursor is positioned. If the field already contains a value, specify another value so that processing can continue.

Note: For descriptions of valid values, see the online help.

R0588I**One or more options overridden to be compatible with Language and Fenced.****Reason:**

One or more header options have been overridden to be compatible with the Language and Fenced specifications for the procedure. All overridden options are highlighted (although the highlighting is removed the next time you press Enter).

Conflicts with Language and Fenced may occur for any of the following reasons:

- During a procedure creation (or when applying defaults with the Apply Def command), the defaults profile defined for your ID conflicted with Language and Fenced.
- The field that you blanked out has an overriding default defined for it in the defaults profile for your ID, and that default conflicts with Language and Fenced.
- You entered a value for an option, but the value conflicts with Language and Fenced.
- You altered Language or Fenced, and the new value conflicts with other options.

Overrides do not occur for options that are not applicable to the current Language and Fenced settings.

If at least two alternative values are valid for an option, the product uses the value that DB2 uses when the corresponding clause for that option is omitted from generated DDL. If there is no DB2 default, the product uses its own internal default. For example, when Language is REXX, Parm Style must be GENERAL or NULLS. Because DB2 has no default of its own, the product uses GENERAL.

Note: You can enter **COMPARE** in the command line to view the differences between the OLD and NEW values for each field.

Action:

If the automatic overrides are acceptable, or if no alternative values are available for fields that were overridden, no action is required.

R0589E

External Name does not conform to MVS load module naming rules.

Reason:

The specified value for External Name does not conform to the naming rules for MVS load modules.

The name may contain numbers, alphabetic characters A through Z, and the symbols @, #, or \$. However, the name must *not* begin with a number or contain embedded spaces.

Action:

Correct the name, or enter a new name that follows the naming rules for MVS load modules.

R0590E

You have entered an invalid floating-point number.

Reason:

The floating-point constant that you entered is invalid for the column type or does not follow the required syntactical rules that the product understands.

A floating-point constant must contain only numeric characters (0 to 9), an optional leading sign character (+ or -) to indicate a positive or negative value, and an optional trailing exponent. The constant cannot be more than 42 characters in length, cannot contain embedded blanks, and cannot contain other characters or symbols.

A floating-point number can be expressed with or without an exponent as two numbers separated by an E.

Regardless of whether an exponent is included, the first number can be specified with or without a decimal point and can be prefixed with a sign character (+ or -) to indicate a positive or negative value. The exponent (second number) can include a sign but not a decimal point. For example, the following floating point constants represent the numbers 150, 200000, -0.22, and 500:

15E1 2.E5 -2.2E-1 +5.E+2

The value of the constant is the product of the first number and the power of 10 specified by the second number.

Action:

Examine and correct the erroneous value so that processing can continue.

To return to the previous panel without making or saving your changes, enter **CANCEL**.

REAL (single precision floating-point) information is as follows:

- Short (32 bits) floating-point number
- Range: Approximately $-7.2\text{E}+75$ to $7.2\text{E}+75$
- Largest negative value: Approximately $-5.4\text{E}-79$
- Smallest positive value: Approximately $5.4\text{E}-079$

FLOAT (double precision floating-point) information is as follows:

- Long (64 bits) floating-point number
- Range: Approximately $-7.2\text{E}+75$ to $7.2\text{E}+75$
- Largest negative value: Approximately $-5.4\text{E}-79$
- Smallest positive value: Approximately $5.4\text{E}-079$

DECFLOAT (decimal floating-point) information is as follows:

- IEEE 754r number with a decimal point

Note: The position of the decimal point is stored in each decimal floating-point value.
- Maximum precision: 34 digits
- Range: 16 or 34 digits of precision (depending on its definition), with an exponent range, respectively, of 10^{-383} to 10^{+384} or 10^{-6143} to 10^{+6144}
- In addition to finite numbers, the following named special values can be specified:
 - INFINITY, which represents a number whose magnitude is infinitely large (may be abbreviated as INF)
 - NaN (quiet NaN), which represents undefined results that do not cause an invalid number condition
 - sNaN (signaling NaN), which represents undefined results that will cause an invalid number condition if used in any numerical operation

When a number has one of these special values, its coefficient and exponent are undefined.

The sign of INFINITY is significant (that is, it is possible to have both positive and negative infinity). The sign of NaN has no meaning for arithmetic operations.

Following are the comparison rules for these special values:

- Infinity compares equal only to infinity of the same sign (positive or negative).
- NaN compares equal only to NaN of the same sign (positive or negative).
- sNaN compares equal only to sNaN of the same sign (positive or negative).

The ordering among the different special values is:

$-\text{NAN} < -\text{SNAN} < -\text{INFINITY} < 0 < \text{INFINITY} < \text{SNAN} < \text{NAN}$

R0591E

MINVALUE must be less than or equal to MAXVALUE.

Reason:

The MINVALUE and MAXVALUE fields contain conflicting values. Possible causes for this error include the following:

- The value for START WITH was greater than MAXVALUE for an ascending sequence; you specified NO for MINVALUE (or left it blank), causing the START WITH value to be used (or assumed) by default for MINVALUE.
- The value for START WITH was less than MINVALUE for a descending sequence; you specified NO for MAXVALUE (or left it blank), causing the START WITH value to be used (or assumed) by default for MAXVALUE.
- Overriding default values were defined in the defaults profile for your ID for START WITH, INCREMENT BY, MINVALUE, or MAXVALUE. These values are conflicting for the data type and precision or for a value that you entered for MINVALUE or MAXVALUE, and one or more of these fields were defaulted with a conflicting value.

The discrepancy must be corrected before processing can continue.

Action:

Correct the conflict. Possible solutions include the following:

- Enter explicit values for MINVALUE and/or MAXVALUE that are valid for the data type and precision.
- Correct START WITH so that it is not greater than MAXVALUE for an ascending sequence (or less than MINVALUE for a descending sequence).
- Enter **NO** for both MINVALUE and MAXVALUE to have DB2 determine valid defaults for you.
- If no overriding default is defined for MINVALUE and MAXVALUE, or the default for both is NO, leave MINVALUE and MAXVALUE blank to have default values determined for you.
- Inspect the defaults profile for your ID and modify the defaults for MINVALUE or MAXVALUE so that they are appropriate for the data type and precision of the sequence, or leave them blank so that valid defaults will always be determined for you.

Note: For more information about object definition defaults, refer to the DEFAULTS primary command.

R0592E

Invalid ORDER option. Valid values are Yes and No.

Reason:

An invalid value was specified for ORDER field for your sequence object or identity column. ORDER indicates whether the sequence values must be generated in order of request.

In a data-sharing environment, if CACHE is in effect (the CACHE option is not NO) and ORDER is NO, multiple caches can be active simultaneously and the requests for sequence values from different DB2 members may not result in the assignment of values in strict numeric order.

For example, if members DB2A and DB2B are using the same sequence or identity column, DB2A gets the cache values 1 to 20, and DB2B gets the cache values 21 to 40, the actual order of values assigned would be 1,21,2 if DB2A requested a value first, then DB2B requested, and then DB2A again requested. Therefore, to guarantee that values are generated in strict numeric order among multiple DB2 members (for example, using the same identity column), enter **YES**.

Unless overridden by object definition defaults, the default is NO.

Action:

Enter a valid value.

Note: For more information about object definition defaults, refer to the DEFAULTS primary command.

R0593E

RESTART WITH value/option is out of range or syntactically incorrect.

Reason:

An invalid value was specified for RESTART WITH, or the data type or precision of your sequence object or table's identity column was altered such that it caused the RESTART WITH value to become invalid. RESTART WITH specifies whether the identity column or sequence is to be restarted when it is time to generate the next sequence (and specifies the value to use when the sequence is restarted).

When the data type is DECIMAL or a distinct type that is sourced on a DECIMAL data type, numeric-constant must be within the scope of the decimal number's defined precision that does not contain non-zero digits to the right of the decimal point. If a decimal point is included, the decimal point (and any digits to its right) are discarded, and the value is redisplayed without the decimal point or trailing digits.

RESTART WITH is not necessarily the value to which a sequence will cycle after reaching the minimum or maximum value of the sequence. RESTART WITH can be used to start a sequence outside the range that is used for cycles. The range used for cycles is defined by MINVALUE and MAXVALUE.

Action:

Enter a valid value.

R0594E

INCREMENT BY of 0 not supported on your DB2.

Reason:

You specified (or defaulted) an INCREMENT BY value of 0, and the product that you are using does not support the value for the version of DB2 that you are using (or the mode in which your version of DB2 is running).

Action:

Enter a non-zero value for INCREMENT BY that meets the following requirements:

- Does not exceed the value of a small integer constant for a sequence object or identity column whose data type is SMALLINT
- Does not exceed the value of a large integer constant when the data type is DECIMAL or INTEGER

If INCREMENT BY is defaulting to 0, inspect the object defaults definition for your ID and change the default to something other than 0 (or define a default of blanks to always have it determined for you). Unless overridden by object definition defaults, the default is 1.

Note: For more information about object definition defaults, refer to the DEFAULTS primary command.

R0595E

Option keyword NO not supported on your DB2.

Reason:

You entered NO for MINVALUE or MAXVALUE, and the product that you are using does not support NO for the version of DB2 that you are using (or the mode in which your version of DB2 is running).

Action:

Enter a numeric value that is valid for the data type and precision of the sequence. If MINVALUE or MAXVALUE is defaulting to NO, inspect the object definition defaults for your ID and change the defaults to something other than NO, or set the defaults to blanks to always have them determined for you.

Note: For more information about object definition defaults, refer to the DEFAULTS primary command.

R0596E

An SQL Body is required for your SQL procedure.

Reason:

You attempted to save your changes or generate DDL, but your SQL procedure has no SQL body defined. An SQL body is required to generate valid DDL.

Note: If the Parameter Declaration List is showing (or enabled) instead of the SQL body, you can issue the SQL or PARMS primary command to toggle the display between the Parameter Declaration List and SQL body.

Action:

Enter a valid SQL body for your SQL procedure, and press the END key to save your changes and generate DDL.

Note: The content of the SQL Body is not validated for correctness.

- Enter **COMPARE** in the command line to toggle the compare display OFF.

R0597E

Size is invalid for DECFLOAT. Please re-enter.

Reason:

The specified size is invalid for a DECFLOAT data type. Only two values are allowed: 16 and 34.

Action:

Enter **16** or **34** for your size. If no size is specified, 34 is used.

R0598W

Defined defaults not applied to one or more sequence fields; built-in defaults and/or rules used instead.

Reason:

One or more overriding default values defined for the sequence fields could not be used; the unusable values were discarded and replaced by built-in defaults or rules for determining the appropriate default value. This can happen when a defaults profile is defined for your ID, and overriding defaults are not compatible with the data type and precision of the sequence or identity column.

For example, suppose the overriding default 12345 is defined for the MAXVALUE attribute for identity columns in the defaults profile for your ID. Additionally, you are altering a table's identity column that is defined as ascending and has a data type of DECIMAL with a precision of 4,0. On the Identity Column Value Specifications panel, when leave the MAXVALUE field blank, instead of the blanks being replaced with the overriding default 12345, it is replaced with 9999 (the maximum value assignable to a DECIMAL data type having a precision of 4).

Action:

To suppress this message, change the MAXVALUE default in the defaults profile for your ID to a value that is valid or more appropriate for the types and precisions you are using for sequences or identity columns. Alternatively, you can set the default to blanks so that it is always determined for you.

Note: For more information about object definition defaults, refer to the DEFAULTS primary command.

R0599E

Precision value is out of range or syntactically incorrect.

Reason:

An invalid precision was entered, or the precision that was entered is outside the valid range for a DECIMAL data type. The precision must be an integer from 1 to 31 and must contain only numeric digits with no delimiting symbols.

Unless overridden by object definition defaults, the default 5 is used for a DECIMAL data type that is not a distinct type.

Action:

Enter a valid precision value.

Note: For more information about object definition defaults, refer to the DEFAULTS primary command.

R0600E

A REXX procedure can have only one OUT/INOUT parm, which must be declared last.

Reason:

You attempted to save your changes or generate DDL, but one or both of the following problems are present:

- Two or more OUT or INOUT parameters are declared for your REXX procedure.
- The OUT or INOUT parameter is not declared last.

According to DB2 rules, a REXX procedure can have only one OUT or INOUT parameter, and that parameter must be declared last. All parameters that do not follow this rule have been highlighted, with the cursor positioned to the first parameter declaration that is in error.

Action:

Inspect the highlighted parameter declarations and ensure there is only one OUT or INOUT parameter and that the parameter is declared last. If you did not intend to create a REXX procedure, change the Language to something other than REXX.

R0601I

Screen size insufficient to show HEADER and &R0601V together. Press HELP for more information.

R0602W

The SQL Body for your procedure is unavailable. Press HELP for more information.

R0604E

Sort not allowed when TEXT is ON.

Reason:

You requested a SORT while TEXT is ON, which is not allowed. The command has been discarded.

Action:

Turn TEXT off before entering the SORT command.

R0605E

Sort not allowed when Created or Edited objects are showing.

Reason:

You requested a sort while edited or created objects were present in the displayed selection list, which is not allowed. The command has been discarded.

Action:

If you are using CA RC/Update and batch created objects are present in the selection list, or you are using CA RC/Migrator and created objects or edited objects are present in the selection list, modify your selection criteria so that only unedited objects appear. If the names, creators, and types of objects you want displayed are such that this cannot be done, you cannot sort the list.

R0606E

Invalid Parameter Declaration TT option. Valid values: Yes, No.

Reason:

The specified value is invalid for the parameter declaration TT (Transition Table) option. TT specifies whether to define the parameter as a transition table and have your procedure's DDL include CREATE and DROP statements for temporary transition tables. Using this DDL, you can create procedures with transition table parameters, without the table existing beforehand.

When TT is YES, ASL is automatically set to YES. When the optional TABLE LIKE field is ON, TT and ASL are YES even though they are not showing. If TABLE LIKE is toggled to OFF, TT and ASL remain set to their YES settings.

Note: For more information about TABLE LIKE, enter **HELP** in the command line of any procedure create, alter, or template panel, then see the online help for the Parameter Declaration List field descriptions.

Action:

Enter a valid value.

Note: For descriptions of valid values, see the online help.

RO607E

Command &RO607V not allowed when Parm Declarations not enabled for display.

Reason:

You entered a command for an SQL procedure that is meaningful to only the Parameter Declaration List; however, the procedure's SQL Body, rather than its Parameter Declaration List, is enabled for display.

Commands that are specific to the Parameter Declaration List, and have no meaning for the SQL Body, are not allowed unless the Parameter Declaration List is enabled for display, regardless as to whether there is sufficient room on the screen for the Parameter Declaration List to display at the same time with the header.

Action:

Enable the Parameter Declaration List by entering **SQL** or **PARMS** in the command line. (When either command is entered, the screen toggles between displaying the Parameter Declaration List and SQL Body.)

When the Parameter Declaration List is toggled ON, the CAPS and NULLS indicators in the panel's title (to the left of the date and timestamp) are disabled and show dashes instead of current SQL Body settings.

If the Parameter Declaration List is still not visible because there is not enough room on the panel, do one of the following:

- Toggle the header OFF by entering **HEADER** in the command line.
- Toggle the compare display OFF by entering **COMPARE** in the command line.

RO608E

External Name required because procedure name does not conform to naming rules for MVS load modules.

Reason:

An External Name is required because the specified name for your procedure does not conform to the naming rules for MVS load modules. A name must contain no more than eight characters. Additionally, the name may contain numbers, alphabetic characters A through Z, and the symbols @, #, or \$, but must not begin with a number or contain embedded spaces.

Action:

Change your procedure name to conform to the rules, or specify an External Name that conforms.

R0609E

Buffer Pool cannot be DEFAULT because Database is not found.

Reason:

DEFAULT cannot be specified for Buffer Pool because the specified database for the partition-by-growth (PBG) universal tablespace cannot be found.

When you create a PBG universal tablespace, the buffer pool page size and DSSIZE are used in determining the maximum value that DB2 will allow for MAXPARTITIONS.

Specifying DEFAULT for Buffer Pool indicates that you want to omit the BUFFERPOOL clause from the CREATE TABLESPACE statement so that the tablespace is created using the default buffer pool of the database. However, if the database cannot be found, you must provide a buffer pool name so that the buffer pool page size can be determined.

Action:

Enter a valid buffer pool name, or change Database to a name that exists at the current server.

R0610E

Invalid Compress default. Enter a listed value or blanks.

Reason:

The specified value for the Compress default is invalid. Compress indicates whether data compression applies to the rows of the tablespace or partition.

If no default is defined for this option, NO is used on the Tablespace Create panel upon initial display.

Action:

Enter a listed value, or leave the field blank.

Note: For descriptions of valid values, see the online help.

R0611E

Invalid Language default. Enter a listed value or blanks.

Reason:

The specified value for the Language default is invalid. Language specifies the language interface convention to which the procedure body is written.

If no default is defined for this option, ASSEMBLE is used on the Procedure Create panel upon initial display or when this default's corresponding field is subsequently blanked out on any panel. Additionally, the Apply Def command will apply no default, and the current value in the field will remain unchanged.

Action:

Enter a listed value, or leave the field blank.

Note: For descriptions of valid values, see the online help.

R0612E

Invalid Fenced default. Enter a listed value or blanks.

Reason:

The specified value for the Fenced default is invalid. Fenced specifies whether the procedure runs in an external address space.

If no default is defined for this option, YES is used on the Procedure Create panel upon initial display or when this default's corresponding field is subsequently blanked out on any panel. Additionally, the Apply Def command will apply no default, and the current value in the field will remain unchanged.

Action:

Enter a listed value, or leave the field blank.

Note: For descriptions of valid values, see the online help.

R0613E

Invalid DBINFO default. Enter a listed value or blanks.

Reason:

The specified value for the DBINFO default is invalid. DBINFO specifies whether additional status information is passed to the procedure when it is invoked.

If no default is defined for this option, NO is used on the Procedure Create panel upon initial display or when this default's corresponding field is subsequently blanked out on any panel. Additionally, the Apply Def command will apply no default, and the current value in the field will remain unchanged.

Action:

Enter a listed value, or leave the field blank.

Note: For descriptions of valid values, see the online help.

R0614E

Invalid Result Sets default. Enter a listed value or blanks.

Reason:

The specified numeric value for the Result Sets default is out of range or syntactically incorrect. Result Sets specifies the maximum number of query result sets that the procedure can return.

If no default defined for this option, 0 is used on the Procedure Create panel upon initial display or when this default's corresponding field is subsequently blanked out on any panel. Additionally, the Apply Def command will apply no default, and the current value in the field will remain unchanged.

Action:

Enter a listed value, or leave the field blank.

Note: For descriptions of valid values, see the online help.

R0615E

Invalid Debug Mode default. Enter a listed value or blanks.

Reason:

The specified value for the Debug Mode default is invalid. Debug Mode specifies whether a JAVA or version of a native SQL procedure can be run in debugging mode.

If no default is defined for this option, DEFAULT is used on the Procedure Create panel upon initial display or when this default's corresponding field is subsequently blanked out on any panel. Additionally, the Apply Def command will apply no default, and the current value in the field will remain unchanged.

Action:

Enter a listed value, or leave the field blank.

Note: For descriptions of valid values, see the online help.

R0616E

Invalid Parm CCSID default. Enter a listed value or blanks.

Reason:

The specified value is invalid for the Parm CCSID default. Parm CCSID specifies the encoding scheme for the PARAMETER clause for string (character and graphic data type) parameters.

If no default is defined for this option, DEFAULT is used on the Procedure Create panel upon initial display or when this default's corresponding field is subsequently blanked out on any panel. Additionally, the Apply Def command will apply no default, and the current value in the field will remain unchanged.

Action:

Enter a listed value, or leave the field blank.

Note: For descriptions of valid values, see the online help.

R0617E

Invalid Parm Style default. Enter a listed value or blanks.

Reason:

The specified value for the Parm Style default is invalid. Parm Style specifies the linkage convention used to pass parameters to and return values from the procedure.

If no default is defined for this option, and Language is not JAVA or REXX, SQL is used on the Procedure Create panel upon initial display or when this default's corresponding field is subsequently left blank on any panel; otherwise, JAVA or GENERAL is used. Additionally, the Apply Def command will apply no default, and the current value in the field will remain unchanged.

Action:

Enter a listed value, or leave the field blank.

Note: For descriptions of valid values, see the online help.

R0618E

Invalid Deterministic default. Enter a listed value or blanks.

Reason:

The specified value is invalid for the Deterministic default. Deterministic specifies whether the procedure returns the same results each time it is called with the same IN and INOUT arguments.

If no default is defined for this option, NOT is used on the Procedure Create panel upon initial display or when this default's corresponding field is subsequently blanked out on any panel. Additionally, the Apply Def command will apply no default, and the current value in the field will remain unchanged.

Action:

Enter a listed value, or leave the field blank.

Note: For descriptions of valid values, see the online help.

R0619E

Invalid SQL Access default. Enter a listed value or blanks.

Reason:

The specified value for the SQL Access default is invalid. SQL Access specifies the data access classification level of SQL statements, if any, executed in the procedure or any routine that is called from the procedure.

If no default is defined for this option, MODIFIES is used on the Procedure Create panel upon initial display or when this default's corresponding field is subsequently blanked out on any panel. Additionally, the Apply Def command will apply no default, and the current value in the field will remain unchanged.

Action:

Enter a listed value, or leave the field blank.

Note: For descriptions of valid values, see the online help.

R0620E

Invalid Program Type default. Enter a listed value or blanks.

Reason:

The specified value is invalid for the Program Type default. Program Type specifies whether the stored procedure runs as a main routine or a subroutine.

If no default is defined for this option, DEFAULT is used on the Procedure Create panel upon initial display or when this default's corresponding field is subsequently blanked out on any panel. Additionally, the Apply Def command will apply no default, and the current value in the field will remain unchanged.

Action:

Enter a listed value, or leave the field blank.

Note: For descriptions of valid values, see the online help.

R0621E

Invalid Stay Resident default. Enter a listed value or blanks.

Reason:

The specified value is invalid for the Stay Resident default. Stay Resident specifies whether the stored procedure load module is to remain resident in memory when the stored procedure ends.

If no default is defined for this option, NO is used on the Procedure Create panel upon initial display or when this default's corresponding field is subsequently blanked out on any panel. Additionally, the Apply Def command will apply no default, and the current value in the field will remain unchanged.

Action:

Enter a listed value, or leave the field blank.

Note: For descriptions of valid values, see the online help.

R0622E

Invalid WLM Environment * default. Enter a listed value or a blank.

Reason:

The specified value is invalid for the WLM Environment * default. WLM Environment * specifies, for nested routines, whether the calling routine's address space is used to run the nested routine.

If no default is defined for this option, empty space is used on the Procedure Create panel upon initial display or when this default's corresponding field is subsequently blanked out on any panel. Additionally, the Apply Def command will apply no default, and the current value in the field will remain unchanged.

Action:

Enter a listed value, or leave the field blank.

Note: For descriptions of valid values, see the online help.

R0623E

Invalid Stop After Failures default. Enter a listed value or blanks.

Reason:

The specified value for the Stop After Failures default is out of range or syntactically incorrect. Stop After Failures specifies whether the routine is to be put in a stopped state after some number of failures.

If no default defined for this option, DEFAULT is used on the Procedure Create panel upon initial display or when this default's corresponding field is subsequently blanked out on any panel. Additionally, the Apply Def command will apply no default, and the current value in the field will remain unchanged.

Action:

Enter a listed value, or leave the field blank.

Note: For descriptions of valid values, see the online help.

R0624E

Invalid/ambiguous Security default. Enter a listed value or blanks.

Reason:

The specified valid for the Security default is invalid or is ambiguous. Security specifies how the procedure interacts with an external security product to control access to non-SQL resources.

If no default defined for this option, DB2 is used on the Procedure Create panel upon initial display or when this default's corresponding field is subsequently blanked out on any panel. Additionally, the Apply Def command will apply no default, and the current value in the field will remain unchanged.

Action:

Enter a listed value, or leave the field blank.

Note: For descriptions of valid values, see the online help.

R0625E

Invalid Commit On Return default. Enter a listed value or blanks.

Reason:

The specified value is invalid for the Commit On Return default. Commit On Return specifies whether DB2 commits the transaction immediately on return from the procedure.

If no default is defined for this option, NO is used on the Procedure Create panel upon initial display or when this default's corresponding field is subsequently blanked out on any panel. Additionally, the Apply Def command will apply no default, and the current value in the field will remain unchanged.

Action:

Enter a listed value, or leave the field blank.

Note: For descriptions of valid values, see the online help.

R0626E

Invalid ASUTIME default. Enter a listed value or blanks.

Reason:

The specified value for the ASUTIME default is out of range or syntactically incorrect. ASUTIME specifies the total amount of processor time (in CPU service units) that a single invocation of the procedure can run.

If no default is defined for this option, NO LIMIT is used on the Procedure Create panel upon initial display or when this default's corresponding field is subsequently blanked out on any panel. Additionally, the Apply Def command will apply no default, and the current value in the field will remain unchanged.

Action:

Enter a listed value, or leave the field blank.

Note: For descriptions of valid values, see the online help.

R0627E

Invalid Special Registers default. Enter a listed value or blanks.

Reason:

The specified value for the Special Registers default is invalid. Special Registers specifies how special registers are set by DB2 on entry to the routine.

If no default defined for this option, INHERIT is used on the Procedure Create panel upon initial display or when this default's corresponding field is subsequently blanked out on any panel. Additionally, the Apply Def command will apply no default, and the current value in the field will remain unchanged.

Action:

Enter a listed value, or leave the field blank.

Note: For descriptions of valid values, see the online help.

R0628E

Invalid Parm VARCHAR default. Enter a listed value or blanks.

Reason:

The specified value for the Parm VARCHAR default is invalid. When Language is C, Parm VARCHAR specifies, for the PARAMETER clause, the representation of variable-length character string parameters.

If no default defined for this option, DEFAULT is used on the Procedure Create panel upon initial display or when this default's corresponding field is subsequently blanked out on any panel. Additionally, the Apply Def command will apply no default, and the current value in the field will remain unchanged.

Action:

Enter a listed value, or leave the field blank.

Note: For descriptions of valid values, see the online help.

R0629E

Invalid Degree default. Enter a listed value or blanks.

Reason:

The specified value for the Degree default is invalid. Degree specifies whether to attempt to run a query using parallel processing to maximize performance for a native SQL procedure.

If no default defined for this option, 1 is used on the Procedure Create panel upon initial display or when this default's corresponding field is subsequently blanked out on any panel. Additionally, the Apply Def command will apply no default, and the current value in the field will remain unchanged.

Action:

Enter a listed value, or leave the field blank.

Note: For descriptions of valid values, see the online help.

R0630E

Invalid Application CCSID default. Enter a listed value or blanks.

Reason:

The specified value for the Application CCSID default is invalid. Application CCSID specifies the default encoding scheme for SQL variables in static SQL statements in the procedure body. The value is used for defining an SQL variable in a compound statement if the CCSID clause is not specified as part of the data type, and the Parameter CCSID option is not specified for a native SQL procedure.

If no default defined for this option, DEFAULT is used on the Procedure Create panel upon initial display or when this default's corresponding field is subsequently blanked out on any panel. Additionally, the Apply Def command will apply no default, and the current value in the field will remain unchanged.

Action:

Enter a listed value, or leave the field blank.

Note: For descriptions of valid values, see the online help.

R0631E

Invalid Validate default. Enter a listed value or blanks.

Reason:

The specified value for the Validate default is invalid. Validate specifies whether to recheck, at run time, "OBJECT not FOUND" and "NOT AUTHORIZED" errors that are found during bind or rebind for a native SQL procedure.

If no default is defined for this option, RUN is used on the Procedure Create panel upon initial display or when this default's corresponding field is subsequently blanked out on any panel. Additionally, the Apply Def command will apply no default, and the current value in the field will remain unchanged.

Action:

Enter a listed value, or leave the field blank.

Note: For descriptions of valid values, see the online help.

R0632E

Invalid Prepare default. Enter a listed value or blanks.

Reason:

The specified value for the Prepare default is invalid. Prepare specifies whether to defer preparation of dynamic SQL statements that refer to remote objects, or to prepare them immediately for a native SQL procedure.

If no default defined for this option, DEFAULT is used on the Procedure Create panel upon initial display or when this default's corresponding field is subsequently blanked out on any panel. Additionally, the Apply Def command will apply no default, and the current value in the field will remain unchanged.

Action:

Enter a listed value, or leave the field blank.

Note: For descriptions of valid values, see the online help.

R0633E

Invalid REOPT default. Enter a listed value or blanks.

Reason:

The specified value for the REOPT default is invalid. REOPT specifies whether DB2 determines the access path at run time by using the values of SQL variables or SQL parameters, parameter markers, and special registers for a native SQL procedure.

If no default is defined for this option, NONE is used on the Procedure Create panel upon initial display or when this default's corresponding field is subsequently blanked out on any panel. Additionally, the Apply Def command will apply no default, and the current value in the field will remain unchanged.

Action:

Enter a listed value, or leave the field blank.

Note: For descriptions of valid values, see the online help.

R0634E

Invalid Current Data default. Enter a listed value or blanks.

Reason:

The specified value for the Current Data default is invalid. Current Data specifies, for a native SQL procedure, whether to require data currency for read-only and ambiguous cursors when the isolation level of cursor stability is in effect. Current Data also determines whether block fetch can be used for distributed, ambiguous cursors.

If no default is defined for this option, NO is used on the Procedure Create panel upon initial display or when this default's corresponding field is subsequently blanked out on any panel. Additionally, the Apply Def command will apply no default, and the current value in the field will remain unchanged.

Action:

Enter a listed value, or leave the field blank.

Note: For descriptions of valid values, see the online help.

R0635E

Invalid Explain default. Enter a listed value or blanks.

Reason:

The specified value for the Explain default is invalid. Explain specifies whether information will be provided about how SQL statements in the procedure will execute for a native SQL procedure.

If no default is defined for this option, WITHOUT is used on the Procedure Create panel upon initial display or when this default's corresponding field is subsequently blanked out on any panel. Additionally, the Apply Def command will apply no default, and the current value in the field will remain unchanged.

Action:

Enter a listed value, or leave the field blank.

Note: For descriptions of valid values, see the online help.

R0636E

Invalid Dynamic Rules default. Enter a listed value or blanks.

Reason:

The specified value for the Dynamic Rules default is invalid. Dynamic Rules specifies the behavior to use in processing dynamic SQL statements for a native SQL procedure.

If no default is defined for this option, RUN is used on the Procedure Create panel upon initial display or when this default's corresponding field is subsequently blanked out on any panel. Additionally, the Apply Def command will apply no default, and the current value in the field will remain unchanged.

Action:

Enter a listed value, or leave the field blank.

Note: For descriptions of valid values, see the online help.

R0637E

Invalid Immediate Write default. Enter a listed value or blanks.

Reason:

The specified value for the Immediate Write default is invalid. Immediate Write specifies whether to do immediate writes for updates that are made to group buffer pool dependent page sets or partitions for a native SQL procedure.

If no default is defined for this option, WITHOUT is used on the Procedure Create panel upon initial display or when this default's corresponding field is subsequently blanked out on any panel. Additionally, the Apply Def command will apply no default, and the current value in the field will remain unchanged.

Action:

Enter a listed value, or leave the field blank.

Note: For descriptions of valid values, see the online help.

R0638E

Invalid Keep Dynamic default. Enter a listed value or blanks.

Reason:

The specified value for the Keep Dynamic default is invalid. Keep Dynamic specifies whether DB2 keeps dynamic SQL statements after commit points for a native SQL procedure.

If no default is defined for this option, WITHOUT is used on the Procedure Create panel upon initial display or when this default's corresponding field is subsequently blanked out on any panel. Additionally, the Apply Def command will apply no default, and the current value in the field will remain unchanged.

Action:

Enter a listed value, or leave the field blank.

Note: For descriptions of valid values, see the online help.

R0639E

Invalid Release At default. Enter a listed value or blanks.

Reason:

The specified Release At default value is invalid. The Release At option specifies when to release resources that the procedure uses (releasing them at each commit point or when the procedure terminates for a native SQL procedure).

When the default is set to spaces, the default COMMIT is used on the Procedure Create panel upon initial display or when this default's corresponding field is subsequently blanked out on any panel. Additionally, the Apply Def command will apply no default, and the current value in the field will remain unchanged.

Action:

Enter a listed value, or leave the field blank.

Note: For descriptions of valid values, see the online help.

R0640E

Invalid Rounding default. Enter a listed value or blanks.

Reason:

The specified value for the Rounding default is invalid. The Rounding option specifies the rounding mode for manipulation of DECFLOAT data for a native SQL procedure.

When the default is set to spaces, the default DEFAULT is used on the Procedure Create panel upon initial display or when this default's corresponding field is subsequently blanked out on any panel. Additionally, the Apply Def command will apply no default, and the current value in the field will remain unchanged.

Action:

Enter a listed value, or leave the field blank.

Note: For descriptions of valid values, see the online help.

R0641E

Invalid Decimal default. Enter a listed value or blanks.

Reason:

The value specified for the Decimal default is out of range or syntactically incorrect. The Decimal option specifies the maximum precision to use for decimal arithmetic operations for a native SQL procedure.

When the default is set to spaces, the default DEFAULT is used on the Procedure Create panel upon initial display or when this default's corresponding field is subsequently blanked out on any panel. Additionally, the Apply Def command will apply no default, and the current value in the field will remain unchanged.

Action:

Enter a listed value, or leave the field blank.

Note: For descriptions of valid values, see the online help.

R0642E

Invalid Date/Time Format default. Enter a listed value or blanks.

Reason:

The specified default value is invalid for Date Format or Time Format. The Date Format and Time Format options specify the date and time formats for result values that are string representations of date or time values.

If no default is defined for this option, the default DEFAULT is used on the Procedure Create panel upon initial display or when this default's corresponding field is subsequently blanked out on any panel. Additionally, the Apply Def command will apply no default, and the current value in the field will remain unchanged.

Action:

Enter a listed value, or leave the field blank.

Note: For descriptions of valid values, see the online help.

R0643E

Invalid FOR UPDATE CLAUSE default. Enter a listed value or blanks.

Reason:

The specified value is invalid for the FOR UPDATE CLAUSE default. The FOR UPDATE CLAUSE option specifies whether the FOR UPDATE clause is required for a DECLARE CURSOR statement if the cursor is to be used to perform positioned updates for a native SQL procedure.

If no default defined for this option, REQUIRED is used on the Procedure Create panel upon initial display or when this default's corresponding field is subsequently blanked out on any panel. Additionally, the Apply Def command will apply no default, and the current value in the field will remain unchanged.

Action:

Enter a listed value, or leave the field blank.

Note: For descriptions of valid values, see the online help.

R0644E

Invalid Parameter Declaration Type default. Enter a listed value or blanks.

Reason:

The specified value is invalid for the Parameter Declaration Type default. Type identifies the type of parameter as input, output, or both input and output.

If no default is defined, Parameter Declaration Type will remain blank for newly inserted parameter declarations. When this default's corresponding field is left blank on the alter/create panel, no default is substituted and has the same effect as entering the D (Delete) line command for the parameter declaration.

Note: This field is not supported by the Apply Def command.

Action:

Enter a listed value, or leave the field blank.

Note: For descriptions of valid values, see the online help.

R0645E

Invalid Parameter Declaration CCSID default. Enter a listed value or blanks.

Reason:

The specified value is invalid for the Parameter Declaration CCSID default. CCSID specifies the encoding scheme for a procedure's string (character and graphic data type) parameter.

If no default is defined, DEFAULT is used for newly inserted parameter declarations or when this default's corresponding field is subsequently left blank on any panel.

Note: This field is not supported by the Apply Def command.

Action:

Enter a listed value, or leave the field blank.

Note: For descriptions of valid values, see the online help.

R0646E

Invalid Parameter Declaration ASL default. Enter a listed value or blanks.

Reason:

The specified value is invalid for the Parameter Declaration ASL (AS LOCATOR) default. ASL specifies whether a locator to the value of the parameter is passed to the procedure instead of the actual value.

If no default is defined for this option, NO is used for newly inserted parameter declarations or when this default's corresponding field is subsequently left blank on any panel, with the following exception: YES is used if the parameter is defined as a transition table.

Note: This field is not supported by the Apply Def command.

Action:

Enter a listed value, or leave the field blank.

Note: For descriptions of valid values, see the online help.

R0647E

Invalid Isolation Level default. Enter a listed value or blanks.

Reason:

The specified value is invalid for the Isolation Level default. The Isolation Level option specifies how far to isolate the procedure from the effects of other running applications.

If no default is defined for this option, CS is used on the Procedure Create panel upon initial display or when this default's corresponding field is subsequently blanked out on any panel. Additionally, the Apply Def command will apply no default, and the current value in the field will remain unchanged.

Action:

Enter a listed value, or leave the field blank.

Note: For descriptions of valid values, see the online help.

R0648E

REOPT conflicts with Prepare and/or Keep Dynamic. Press HELP for info.

R0649E

Invalid Active default. Enter a listed value or blanks.

Reason:

An invalid value was specified for the Active default. The Active option specifies whether a version of a stored procedure is the active version. Valid values are as follows:

No

Specifies that a version of a procedure is the active version.

Yes

Specifies that a version of a procedure is not the active version.

spaces

Specifies that no default is defined.

If the Active option is not updateable on the create, alter, or template panel, the Active default has no meaning. If the Active option is updateable on a panel (and the default is spaces), the product uses NO for the Active option.

Action:

Specify a valid value.

R0650E

Invalid WLM environment default. Name does not conform to IBM naming rules.

Reason:

The specified value for the WLM Environment or WLM Debug Environment name default does not conform to the naming rules established by IBM.

The value may contain numbers; alphabetic characters A through Z; and the symbols @, #, or \$; however, the value must not begin with a number or contain embedded spaces. Additional considerations are as follows:

- For a DB2 V8 subsystem, the WLM Environment default should not exceed 18 characters. This rule is intentionally not enforced here.
- Neither field is defaulted when intentionally blanked out on the create, alter, or template panel. Their defaults are applied only on the initial display of the create panel.

When the default is set to spaces, no default is used on the Procedure Create panel when it first appears. Additionally, the Apply Def command will apply no default, and the current value in the field will remain unchanged.

Action:

Specify a value that conforms to the IBM naming rules.

R0651E

Invalid Enforce Option. Valid values are Y and N.

Reason:

An invalid option was specified for the EN (ENFORCE) field. Valid values are as follows:

Y

Specifies that the referential constraint is enforced by DB2 during normal operations (such as insert, update, or delete operations). This is the default.

N

Specifies that the referential constraint is *not* enforced by DB2 during normal operations (such as insert, update, or delete operations). This option should be specified only if the data stored in the table is verified to conform to the constraint by some method other than relying on the database manager.

Action:

Specify a valid value.

R0652E

Enforce is required. Valid Values: Y, N

Reason:

A value must be specified for the EN (ENFORCE) field. Valid values are as follows:

Y

Specifies that the referential constraint is enforced by DB2 during normal operations (such as insert, update, or delete operations).

N

Specifies that the referential constraint is *not* enforced by DB2 during normal operations (such as insert, update, or delete operations). A value of N specifies NOT ENFORCED.

Action:

Specify a valid value.

R0653E

Stogroup must have at least one volume.

Reason:

You attempted to save your changes or generate DDL, but your storage group has no volumes.

Action:

Define at least one volume (by specifying at least one volume in the VOLSER field).

Note: You can discard your changes and return to the previous panel by entering CANCEL in the primary command line.

R0655I

Invalid Column Default Indicator for XML. Indicator changed to blank.

Reason:

The product detected an entry for an XML column Default Indicator (D) and removed the entry. The Default Indicator for an XML column must be left blank.

Action:

No action is required.

Note: For more information about the DEFAULT clause for XML columns, see the IBM *DB2 SQL Reference* or *SQL Administrator Guide*.

R0656E

Invalid Concur Acc Res default. Enter a listed value or blanks.

Reason:

An invalid value was specified for the Concur Acc Res (Concurrent Access Resolution) default. Concur Acc Res specifies whether processing uses only committed data or waits for commit or rollback of data that is being updated. Valid values are as follows:

Default

Omits the CONCURRENT ACCESS RESOLUTION clause from generated DDL.

Use cur commit

Uses the currently committed version of the data when data that is in the process of being updated is encountered.

Wait for outcome

Waits for the commit or rollback of data that is in the process of being updated.

spaces

Specifies that no default is defined.

When the default is spaces, the product uses DEFAULT for the option on the object's create panel.

Action:

Specify a valid value or leave the field blank.

R0657E

Fieldparm specified for invalid column type. PF1 for help.

Reason:

You specified FIELDPARM information for an XML column. DB2 restricts this activity for XML data types.

Action:

To proceed with the table creation or alteration, remove the FIELDPARM information for the XML column.

R0658E

One or more column definitions conflict with EDITPROC.

Reason:

The table is defined to have an edit procedure (EDITPROC) but has at least one column definition that conflicts with the EDITPROC. A table that has an EDITPROC cannot have a LOB, XML, ROWID, identity column, or security label column.

The product highlights all conflicting column attributes.

Action:

Correct the problem by doing *one* of the following:

- Leave the EDITPROC field blank.
- Ensure that the table has no LOB, XML, ROWID, identity column, or security label columns.

R0659E

One or more column names conflict with VALIDPROC.

Reason:

A table that is defined as having a VALIDPROC cannot contain column names that exceed 18 characters. The product highlighted all detected column names that exceed this length.

Action:

Perform *one* of the following actions:

- Leave the VALIDPROC field blank.
- Correct all table column names that exceed 18 characters.

R0660E

Invalid Language. Valid vals: Assemble, C, CObol, Java, Pli, Rexx, Sql.

Reason:

The specified value is invalid for the Language option. The Language option specifies the language interface convention to which the procedure body is written.

Unless overridden by object definition defaults with a non-blank default value, the default is ASSEMBLE.

Action:

Enter a valid value.

Note: For descriptions of valid values, see the online help.

R0661E

Invalid Fenced option. Valid values: Yes, No.

Reason:

The specified value is invalid for the Fenced option. The Fenced option specifies whether the procedure runs in an external address space.

Unless Language is set to SQL, Fenced unconditionally defaults to YES and cannot receive keyed input. Notwithstanding the preceding exception, unless overridden by object definition defaults with a non-blank value, the default is YES.

Action:

Enter a valid value.

Note: For descriptions of valid values, see the online help.

R0662E

Invalid DBINFO option. Valid values: Yes, No.

Reason:

The specified value is invalid for the DBINFO option. The DBINFO option specifies whether additional status information is passed to the procedure when it is invoked. A value of YES is allowed only when Parm Style is SQL.

Unless Parm Style is available and set to SQL, DBINFO is overridden to NO and cannot receive keyed input. Accordingly, because Parm Style cannot be SQL or is not available when Language is REXX, JAVA, or SQL, DBINFO is automatically overridden to NO for these languages.

Action:

Enter a valid value.

Note: For descriptions of valid values, see the online help.

R0663E

Invalid Result Sets option. Valid values: 0, 1-32767.

Reason:

The specified numeric value for the Result Sets option is out of range or syntactically incorrect. The Result Sets option specifies the maximum number of query result sets that the procedure can return.

Unless overridden by object definition defaults with a non-blank value, the default is 0.

Action:

Enter a valid value.

Note: For descriptions of valid values, see the online help.

R0664E

Invalid Debug Mode. Valid values: Default, Allow, DISAlLow, DISABLe.

Reason:

The specified value for the Debug Mode option is invalid. Debug Mode specifies whether a JAVA or version of a native SQL procedure can be run in debugging mode.

Unless overridden by object definition defaults with a non-blank value, the default is DEFAULT.

Action:

Enter a valid value.

Note: For descriptions of valid values, see the online help.

R0665E

Invalid Parm CCSID. Valid values: Default, Ascii, Ebcdic, Unicode.

Reason:

The specified value for the Parm CCSID option is invalid. Parm CCSID (Parameter CCSID) specifies the encoding scheme for the PARAMETER clause for string (character and graphic data type) parameters.

A CCSID value other than DEFAULT is automatically propagated into the CCSID field for all string parameters that are not set to DEFAULT in the Parameter Declaration List (also overriding any contrary default value defined in the object definition defaults profile for your user ID).

This clause also specifies the encoding scheme to be used for system-generated parameters of the routine (such as message tokens and DBINFO). Unless overridden by object definition defaults with a non-blank value, the default is DEFAULT.

Action:

Enter a valid value.

Note: For descriptions of valid values, see the online help.

R0666E

Invalid Parm Style. Valid values: Sql, General, Nulls, Java.

Reason:

The specified value is invalid for the Parm Style option. Parm Style specifies the linkage convention used to pass parameters to and from the procedure.

This field is applicable only to external procedures with a language other than SQL. Restrictions are as follows:

- When Language is REXX, only GENERAL and NULLS are allowable values.
- When Language is other than JAVA, only SQL, GENERAL, and NULLS are allowable values.

Unless overridden by object definition defaults with a non-blank value (and Language is not JAVA or REXX), the default is SQL; otherwise, the default is JAVA or GENERAL, respectively.

Action:

Enter a valid value.

Note: For descriptions of valid values, see the online help.

R0667E

Invalid Deterministic option. Valid values: Yes, Not.

Reason:

The specified value is invalid for the Deterministic option. Deterministic specifies whether the procedure returns the same results each time that it is called with the same IN and INOUT arguments.

Unless overridden by object definition defaults with a non-blank value, the default is NOT.

Action:

Enter a valid value.

Note: For descriptions of valid values, see the online help.

R0668E

Invalid SQL Access option. Valid values: Modifies, Reads, Contains, No.

Reason:

The specified value for the SQL Access option is invalid. SQL Access specifies the data access classification level of any SQL statements executed in the procedure or any routine that is called from the procedure.

Unless overridden by object definition defaults with a non-blank value, the default is MODIFIES.

Action:

Enter a valid value.

Note: For descriptions of valid values, see the online help.

R0669E

Invalid Program Type option. Valid values: Default, Sub, Main.

Reason:

The specified value for the Program Type option is invalid. Program Type specifies whether the stored procedure runs as a main routine or a subroutine.

Unless overridden by object definition defaults with a non-blank value, or if Language is JAVA and the default override is other than DEFAULT or SUB, or if Language is REXX and the default override is other than DEFAULT or MAIN, DEFAULT is automatically used instead.

Action:

Enter a valid value.

Note: For descriptions of valid values, see the online help.

R0670E

Invalid Stay Resident option. Valid values: Yes, No.

Reason:

The specified value is invalid for the Stay Resident option. Stay Resident specifies whether the stored procedure load module is to remain resident in memory when the stored procedure ends.

Unless overridden by object definition defaults with a non-blank value, the default is NO.

Action:

Enter a valid value.

Note: For descriptions of valid values, see the online help.

R0671E

Invalid WLM Enviro option. Second field must be * or blank.

Reason:

The specified value is invalid for the second part of the WLM Environment option. The second part, to the immediate right of the name specification, indicates (for nested routines) whether the calling routine's address space is used to run the nested routine.

Supplying a name (SQL qualifier) in the first field and an asterisk in the second field specifies that when an SQL application program directly calls a stored procedure, 'name' is the WLM environment in which the stored procedure runs; and if another stored procedure or a user-defined function calls the stored procedure, the stored procedure runs in the same WLM environment as the calling routine.

Supplying a name (SQL qualifier) in the first field and leaving the second field blank specifies that if another stored procedure or a user-defined function calls the stored procedure, and that calling routine is running in an address space that is not associated with the specified WLM environment, DB2 routes the stored procedure request to a different address space.

Unless overridden by object definition defaults with a non-blank value, the default is blank.

Action:

Update the second part of the WLM Environment option by entering an asterisk or leaving it blank.

Note: When the first field (name) is blank, the second field has no meaning and must be blank. This second field is not defaulted when intentionally left blank. Its default is applied during the initial display of the create panel only.

R0672E

Invalid Stop After Failures option. Valid: Default, Continue, 1-32767.

Reason:

The specified value for the Stop After Failures option is out of range or syntactically incorrect. Stop After Failures specifies whether to put the routine in a stopped state after some number of failures.

Unless overridden by object definition defaults with a non-blank value, the default is DEFAULT.

Action:

Enter a valid value.

Note: For descriptions of valid values, see the online help.

R0673E

Invalid/ambiguous Security option. Valid values: DB2, User, DDefiner.

Reason:

The specified value for the Security option is invalid or ambiguous. Security specifies how the procedure interacts with an external security product (such as CA ACF2, CA Top Secret, or IBM RACF) to control access to non-SQL resources.

Unless overridden by object definition defaults with a non-blank value, the default is DB2.

Action:

Enter a valid value.

Note: For descriptions of valid values, see the online help.

R0674E

Invalid Commit On Return option. Valid values: Yes, No.

Reason:

The specified value for the Commit On Return option is invalid. Commit On Return specifies whether DB2 commits the transaction immediately on return from the procedure.

Unless overridden by object definition defaults with a non-blank value, the default is NO.

Action:

Enter a valid value.

Note: For descriptions of valid values, see the online help.

R0675E

Invalid ASUTIME option. Valid values: No limit, 1-2147483647.

Reason:

The specified value for the ASUTIME option is out of range or syntactically incorrect. ASUTIME specifies the total amount of processor time (in CPU service units) that a single invocation of the procedure can run.

Unless overridden by object definition defaults with a non-blank value, the default is NO LIMIT.

Action:

Enter a valid value.

Note: For descriptions of valid values, see the online help.

R0676E

Invalid Special Registers option. Valid values: Inherit, Default.

Reason:

The specified value for the Special Registers option is invalid. Special Registers specifies how special registers are set by DB2 on entry to the routine.

Unless overridden by object definition defaults with a non-blank value, the default is INHERIT.

Action:

Enter a valid value.

Note: For descriptions of valid values, see the online help.

R0677E

Invalid Parm VARCHAR option. Valid values: Default, Nulterm, Structure.

Reason:

The specified value for the Parm VARCHAR option is invalid. Parm VARCHAR specifies, for the PARAMETER clause when Language is C, the representation of variable-length character string parameters.

Unless overridden by object definition defaults with a non-blank value, the default is DEFAULT.

Action:

Enter a valid value.

Note: For descriptions of valid values, see the online help.

R0678E

INVALID ACTIVE OPTION. VALID VALUES: YES, NO.

Reason:

An invalid value was specified for the Active option. This option specifies whether this version of the stored procedure is the current active version.

Action:

Supply one of the following values:

Yes

Specifies that this version of the procedure is the current active version. This value is the default (unless otherwise indicated).

The initial version of a newly created native SQL procedure is always the current active version. Therefore, YES is the only valid value when you are doing the following:

- Creating or templating a native SQL procedure (except for migration strategies)
- Altering a nonnative SQL procedure to be a native SQL procedure for the first time

No

Specifies that this version of the procedure is *not* the current active version. Because newly added versions are implicitly not active, this value is the default when the Add Ver option is changed to YES. Set the Active option to **YES** if you want a new version of the procedure to be active after being added.

R0679E

Invalid Degree option. Valid values: 1, Any.

Reason:

The specified value for the Degree option is invalid. Degree specifies whether to attempt to run a query using parallel processing (to maximize performance).

Unless overridden by object definition defaults with a non-blank value, the default is 1.

Action:

Enter a valid value.

Note: For descriptions of valid values, see the online help.

R0680E

Invalid Appl CCSID option. Valid values: Default, Ascii, Ebcdic, Unicode.

Reason:

The specified value for the Appl CCSID option is invalid. Appl CCSID (Application CCSID) specifies the default encoding scheme for SQL variables in static SQL statements in the procedure body. The value is used for defining an SQL variable in a compound statement if the CCSID clause is not specified as part of the data type and the Parameter CCSID option is not specified.

Unless overridden by object definition defaults with a non-blank value, the default is DEFAULT.

Action:

Enter a valid value.

Note: For descriptions of valid values, see the online help.

R0681E

Invalid Validate option. Valid values: Run, Bind.

Reason:

The specified value for the Validate option is invalid. Validate specifies whether, at run time, to recheck "OBJECT NOT FOUND" and "NOT AUTHORIZED" errors that are found during bind or rebind. Validate has no effect if all objects and needed privileges exist.

Unless overridden by object definition defaults with a non-blank default value, the default is RUN.

Action:

Enter a valid value.

Note: For descriptions of valid values, see the online help.

R0682E

Invalid Prepare option. Valid values: Default, DEFER, Nodefer.

Reason:

The specified value for the Prepare option is invalid. Prepare specifies whether to defer preparation or start preparation immediately of dynamic SQL statements that refer to remote objects.

Unless overridden by object definition defaults with a non-blank value, the default is DEFAULT.

Action:

Enter a valid value.

Note: For descriptions of valid values, see the online help.

R0683E

Invalid REOPT option. Valid values: None, Always, Once.

Reason:

The specified value for the REOPT option is invalid. REOPT specifies whether DB2 determines the access path at run time by using the values of SQL variables or SQL parameters, parameter markers, and special registers.

Unless overridden by object definition defaults with a non-blank value, the default is NONE.

Action:

Enter a valid value.

Note: For descriptions of valid values, see the online help.

R0684E

Invalid Current Data option. Valid values: Yes, No.

Reason:

The specified value for the Current Data option is invalid. Current Data specifies whether to require data currency for read-only and ambiguous cursors when the isolation level of cursor stability is in effect. Current Data also determines whether block fetch can be used for distributed, ambiguous cursors.

Unless overridden by object definition defaults with a non-blank value, the default is NO.

Action:

Enter a valid value.

Note: For descriptions of valid values, see the online help.

R0685E

Invalid Explain option. Valid values: With, WithOut.

Reason:

The specified value for the Explain option is invalid. Explain specifies whether to provide information about how SQL statements in the procedure will execute.

Unless overridden by object definition defaults with a non-blank value, the default is WITHOUT.

Action:

Enter a valid value.

Note: For descriptions of valid values, see the online help.

R0686E

Invalid Dynamic Rules option. Valid values: Run, Bind, DefineBind, DefineRun, InvokeBind, InvokeRun.

Reason:

The specified value for the Dynamic Rules option is invalid. Dynamic Rules specifies the values that apply, at run time, for the following dynamic SQL attributes:

- Authorization ID that is used to check authorization.
- Qualifier that is used for unqualified objects.
- Source for application programming options that DB2 uses to parse and semantically verify dynamic SQL statements.

Unless overridden by object definition defaults with a non-blank value, the default is RUN.

Action:

Enter a valid value.

Note: For descriptions of valid values, see the online help.

R0687E

Invalid Immediate Write option. Valid values: With, WithOut.

Reason:

The specified value for the Immediate Write option is invalid. Immediate Write specifies whether to do immediate writes for updates that are made to group buffer pool dependent page sets or partitions.

Unless overridden by object definition defaults with a non-blank value, the default is WITHOUT.

Action:

Enter a valid value.

Note: For descriptions of valid values, see the online help.

R0688E

Invalid Keep Dynamic option. Valid values: With, WithOut.

Reason:

The specified value for the Keep Dynamic option is invalid. Keep Dynamic option specifies whether DB2 keeps dynamic SQL statements after commit points.

Note: When you specify WITH, the REOPT option *cannot* be ALWAYS.

Unless overridden by object definition defaults with a non-blank default value, the default is WITHOUT.

Action:

Enter a valid value.

Note: For descriptions of valid values, see the online help.

R0689E

Invalid Release At option. Valid values: Commit, Deallocate.

Reason:

The specified value for the Release At option is invalid. Release At specifies when to release resources that the procedure uses (at each commit point or when the procedure terminates).

Unless overridden by object definition defaults with a non-blank value, the default is COMMIT.

Action:

Enter a valid value.

Note: For descriptions of valid values, see the online help.

R0690E

Invalid Rounding option. Valid values: Default, Ceiling, DOWn, Floor, HalfDown, HalfEven, HalfUp, Up.

Reason:

The specified value for the Rounding option is invalid. Rounding specifies the desired rounding mode for manipulation of DECFLOAT data.

Unless overridden by object definition defaults with a non-blank value, the default is DEFAULT.

Action:

Enter a valid value.

Note: For descriptions of valid values, see the online help.

R0691E

Invalid Decimal option. Valid values: 15, 31, 15,s, 31,s, Default.

Reason:

The specified value for the Decimal option is out of range or syntactically incorrect. Decimal specifies the maximum precision to use for decimal arithmetic operations.

Unless overridden by object definition defaults with a non-blank value, the default is DEFAULT.

Action:

Enter a valid value.

Note: For descriptions of valid values, see the online help.

R0692E

Invalid Date/Time Format option. Valid values: Default, Iso, Eur, Usa, Jis, Local.

Reason:

The specified value for the Date or Time Format option is invalid. Date and Time Format specify the date and time formats for result values that are string representations of date or time values.

Unless overridden by object definition defaults with a non-blank value, the default for either field is DEFAULT.

Action:

Enter a valid value.

Note: For descriptions of valid values, see the online help.

R0693E

Invalid FOR UPDATE CLAUSE option. Valid values: Required, Optional.

Reason:

The specified value for the FOR UPDATE CLAUSE option is invalid. FOR UPDATE CLAUSE specifies whether the FOR UPDATE clause is required for a DECLARE CURSOR statement if the cursor will perform positioned updates.

Unless overridden by object definition defaults with a non-blank value, the default is REQUIRED.

Action:

Enter a valid value.

Note: For descriptions of valid values, see the online help.

R0694E

Invalid Parameter Declaration Type option. Valid vals: In, Out, InOut.

Reason:

The specified value is invalid for the Parameter Declaration Type option. Type identifies the type of parameter as input; output; or both input and output.

Note: For a REXX stored procedure (when Language is REXX), only one parameter can have type OUT or INOUT, and that parameter must be declared last.

Unless overridden by object definition defaults with a non-blank value, the default is blanks.

Action:

Enter a valid value.

Note: For descriptions of valid values, see the online help.

R0695E

Invalid Parameter Declaration CCSID option. Valid values: Default, Ascii, Ebcdic, Unicode.

Reason:

The specified value for the Parameter Declaration CCSID option is invalid. CCSID specifies the encoding scheme for a procedure's string (character and graphic data type) parameter.

Unless DATA TYPE is defined as a character or graphic type (either a built-in type or a distinct type sourced on such types), the CCSID field is blank and will not allow keyed input. When DATA TYPE is a distinct type, the encoding scheme defined for the distinct type is used for CCSID and cannot be redefined or overridden by this field.

When TABLE LIKE is ON, CCSID has no meaning and is set to n/a.

Note: For more information about TABLE LIKE, see the Parameter Declaration List information in the online help.

Unless overridden by object definition defaults with a non-blank value, the default for Parameter Declaration CCSID is DEFAULT.

Action:

Enter a valid value.

Note: For descriptions of valid values, see the online help.

R0696E

Invalid Parameter Declaration ASL option. Valid values: Yes, No.

Reason:

The specified value is invalid for the Parameter Declaration ASL (AS LOCATOR) option. ASL specifies whether a locator to the value of the parameter is passed to the procedure instead of the actual value.

Unless overridden by object definition defaults with a non-blank value, the default is NO when the following conditions are present:

- Language is a value other than SQL.
- TT is NO.
- The data type is a LOB or a distinct type sourced on a LOB.

Otherwise, ASL is unconditionally set to the same value as TT and cannot be altered.

Action:

Enter a valid value.

Note: For descriptions of valid values, see the online help.

R0697E

Invalid Isolation Lvl option. Valid values: RR, RS, Cs, Ur.

Reason:

The specified value for the Isolation Lvl (Isolation Level) option is invalid. Isolation Lvl specifies how far to isolate the procedure from the effects of other running applications.

Unless overridden by object definition Defaults with a non-blank value, the default is CS.

Action:

Enter a valid value.

Note: For descriptions of valid values, see the online help.

R0698W

Parameter Declaration CCSID(s) overridden to match Parm CCSID option.

Reason:

One or more parameter declaration CCSIDs were overridden to match the Parm CCSID (Parameter CCSID) option.

Note: You might need to scroll your panel to the right to view these CCSID fields.

If the Parm CCSID option is specified, CCSID clauses on individual parameter declarations cannot be different from what is specified on the PARAMETER clause. Therefore, each parameter declaration that is not set to DEFAULT and that has a conflicting CCSID is automatically changed to match Parm CCSID (also overriding any contrary default value defined in the object definition defaults profile for your user ID).

Action:

No action is required. However, if you want to explicitly specify the CCSID on individual parameter declarations, change the Parm CCSID option to **DEFAULT**.

R0699E

The Parameter Declaration's graphic data type is incompatible with the specified CCSID and/or installation's mixed graphics setting.

Reason:

You specified a mixed or graphic data type, or a distinct type that is sourced on a mixed or graphic data type, for a parameter that is defined with encoding scheme EBCDIC or ASCII, and the MIXED DATA field on your DB2 installation panel is not YES. The invalid data type has been highlighted.

If you want to specify a mixed or graphic data type, the encoding scheme must not be ASCII or EBCDIC.

Action:

Ensure that the Parm CCSID header field and individual encoding scheme field for the parameter are not set to ASCII or EBCDIC.

Note: Scroll to the right to view or edit the parameter's CCSID field.

If both fields are set to DEFAULT, and the default encoding scheme for your DB2 is ASCII or EBCDIC, you need to specify an explicit encoding scheme.

R0700W

Defaults not defined for your user id. Nothing applied.

Reason:

Defaults could not be applied to your object because there are no defaults defined for your user ID (either explicitly or implicitly through a group user ID mask).

Note: This message might also appear if the defaults profile defined for your user ID is not accessible due to a connection, plan, or SQL error.

Action:

To define defaults for your user ID or for groups of users, enter **DEFAULTS** on the command line to open the Object Definition Defaults facility.

Note: To learn more about Object Definition Defaults, enter **HELP** on the command line of the Object Definition Defaults screen.

If you do not require defaults for your user ID, no further action is required.

R0701E

Invalid Index BP or Buffer Pool name. Press HELP for info.

R0702E

Invalid Buffer Pool name. Press HELP for info.

R0703E

Invalid Logged default. Enter a listed value or blanks.

Reason:

You specified an invalid value for the Logged default. The Logged option specifies whether changes that are made to the data in the tablespace are recorded in the log.

When the default is set to spaces, the following behavior occurs:

- YES is used for Logged on the Tablespace Create panel upon initial display.
- The Apply Def command is ignored on panels, and the current value in the field remains unchanged.

Action:

Enter a valid value or leave it blank.

R0704E

Invalid DEFER option. Valid values: Yes, No, blanks

Reason:

You specified an invalid value for the DEFER option under the INDEX object type. The invalid value is highlighted.

Valid values are as follows:

- Yes—Specifies to create the index name and allocate the dataset, but not build the index. If the table is populated, the index is placed in a rebuild pending status, and DB2 issues a warning indicating the index must be rebuilt.
- No—Specifies to create and build the index.
- blanks—Specifies that there is no explicit default defined for this option. When the Apply Defaults command is entered on the Index Alter, Create, or Template screen, no default is applied to the screen option.

Note: Unless otherwise specified in your Object Definition Defaults, NO is the initial default on all creation screens.

Action:

Enter a valid value for DEFER.

R0705E

Invalid COMPRESS option. Enter a listed value or blanks.

Reason:

An invalid value was specified for the COMPRESS default. COMPRESS specifies whether to compress index data. If the index is partitioned, COMPRESS applies to all partitions.

Valid values are:

Yes

Compresses the index data. This causes the COMPRESS YES clause to be included in the generated DDL.

No

Does not compress the index data.

blanks

Specifies that no default is defined for this option.

When the default is set to blanks, the default NO is used on the Index Create panel upon initial display. Additionally, the Apply Def command applies no default and the current value in the field remains unchanged.

Action:

Enter a valid value and then retry the operation.

R0706E

Invalid APPEND option. Valid values: Y, N, blank.

Reason:

An invalid value was specified for the APPEND option. The cursor is positioned to the erroneous field. Valid values are as follows:

Y

Includes the APPEND YES clause in your generated DDL.

Data rows will be placed into the table by disregarding the clustering index during INSERT and LOAD operations.

N

Omits APPEND clauses from the generated DDL.

blank

Specifies that there is no default defined for this option.

When the default is set to spaces, the default N is used on the Table Create panel upon initial display. Additionally, the Apply Def command applies no default and the current value in the field remains unchanged.

Action:

Enter a valid value and then retry the operation.

R0710E

Invalid DEFINE option. Valid values: Yes, No, blanks

Reason:

An invalid value was entered for the DEFINE option under GLOBAL DEFAULTS (or under the TABLESPACE or INDEX object type). The invalid value is highlighted.

Valid values are as follows:

- Yes—Do not defer the physical allocation of DB2-managed datasets. Unless otherwise specified in your Object Definition Defaults, Yes is used as the initial default on all Create screens.
- No—Defer the physical allocation of DB2-managed datasets.
- blanks—Do not define an explicit default for the option. On the Tablespace and Index Create screens, the initial internal product default YES is used; when the Apply Defaults command is entered on the Alter, Create, or Template screens for these same object types, no default is applied to the screen option.

When no defaults profile exists for your user ID, the treatment is the same as if blanks were specified for the default.

When an actual value is specified for DEFINE under GLOBAL DEFAULTS, the same value is used as the default for all object types having the same identically named option (namely, TABLESPACE and/or INDEX) when no overriding non-blank value is specified for the object type under its own section.

A non-blank value specified for DEFINE under the TABLESPACE and/or INDEX object type supersedes any value that may have been specified under the GLOBAL DEFAULTS section.

Action:

Enter a valid value for the DEFINE option.

R0711E

Invalid DEFINE option. Valid values are Yes and No.

Reason:

Indicates you entered an invalid value for the DEFINE option. The cursor is positioned to the field that is in error. Valid values are as follows:

- Yes—Do not defer the physical allocation of DB2-managed dataset causes the DEFINE YES clause to be included in your generated DDL.
- No—Defer the physical allocation of DB2-managed datasets. This causes the DEFINE YES clause to be included in your generated DDL.

Note: Unless otherwise specified in your Object Definition Defaults, YES is always the default regardless of the DB2 version.

Action:

Enter a valid option.

R0712W

DEFINE NO is not supported on your DB2. DEFINE reset to YES.

Reason:

A value other than Yes was specified in the DEFINE field but your version of DB2 does not support this option. In order to be compatible with your DB2 version, DEFINE is reset to Yes and processing continues uninterrupted.

R0713E

DEFAULT options A and D are not supported on your DB2.

Reason:

Indicates that you entered A or D for a column's default indicator, which is used to designate a DECIMAL, INTEGER, or SMALLINT type as an identity column, and your version of DB2 does not support identity columns. The values that are valid for your version of DB2 for columns whose NULL option is also set to 'N' are as follows:

- C-Constant. The constant specified using the V line command on this column is used as the default value for the column. The value of the constant must conform to the rules for assigning that value to the column.
- Y-System default. Causes the WITH DEFAULT clause to be built with no other appended attributes included.
- space-No default.

If a pop-up window displayed, you must correct the problem before pressing Enter or the PF3 key.

R0714E

AVAILABLE

Reason:

An invalid value has been entered.

R0715E

INVALID COLUMN NULL INDICATOR SPECIFIED.

Reason:

Indicates that you entered an invalid COLUMN NULL INDICATOR value. For your convenience, the invalid value is highlighted and the cursor positioned to the field that is in error.

Enter a correct value. Valid values are as follows:

- Y-The column can contain null values.
- N-The column cannot contain null values (NOT NULL clause).

R0716E

INVALID COLUMN DEFAULT IND. VALID VALUES ARE C, N, S, U, Y, BLANKS.

Reason:

Indicates that you entered an invalid COLUMN DEFAULT INDICATOR value for the ALL TYPES field. For your convenience, the invalid value is highlighted and the cursor positioned to the field that is in error.

Action:

Enter a valid value. Valid values are as follows:

- C-User-specified constant.
- N-Null.
- S-SQLID as the default value.
- U-USERID as the default value.
- Y-System Defaults.
- blank-None.

R0717E

INVALID COLUMN DEFAULT IND. FOR ROWID. VALID VALUES ARE A AND D.

Reason:

Indicates that you entered an invalid COLUMN DEFAULT INDICATOR value for the ROWID field. For your convenience, the invalid value is highlighted and the cursor positioned to the field that is in error.

Action:

Enter a valid value. Valid values are as follows:

- A-ROWID generated always.
- D-ROWID generated be default.
- blank-None.

When this field is left blank, you will be prompted for a valid value if one is not already supplied on the Table Alter/Create/Template screen.

R0718I

COLUMN NULL INDICATOR 'D' HAS BEEN CONVERTED.

Reason:

Informs you that the Object Definition Defaults for this ID had the default COLUMN NULL INDICATOR set to D, which is no longer supported. It was translated to an equivalent specification using the COLUMN NULL INDICATOR field and the new COLUMN DEFAULT IND field.

Valid values for the COLUMN NULL INDICATOR are now:

- Y-The column can contain null values.
- N-The column cannot contain null values (NOT NULL clause).

Action:

In the future when you want to specify NOT NULL WITH DEFAULT, do so by specifying a COLUMN NULL INDICATOR value of N and a COLUMN DEFAULT IND value of Y in the N and D columns, respectively, on the Table Alter or Table Create screens. This is equivalent to specifying the old D COLUMN NULL INDICATOR. This is the translation that has been done automatically for you.

To prevent this message from appearing in the future, go to Object Definition Defaults (if you are not already there) and save the current defaults by specifying an Action of S. The COLUMN NULL INDICATOR and COLUMN DEFAULT IND fields are already filled in, so there is nothing else that you need to do on the screen.

R0719E

COLUMN NULL INDICATOR OF 'D' IS NO LONGER SUPPORTED.

Reason:

Informs you that a COLUMN NULL INDICATOR value of D is no longer supported. Valid values are as follows:

- Y-The column can contain null values.
- N-The column cannot contain null values (NOT NULL clause).

Action:

If you want to specify NOT NULL WITH DEFAULT, as you may have done in an older release of the product which supported the D value, you can still do so by specifying a COLUMN NULL INDICATOR value of N and a COLUMN DEFAULT IND. value of Y. This combination is equivalent to specifying the old D COLUMN NULL INDICATOR.

R0720I

Column Null Indicator "D" has been translated.

Reason:

You entered a Column Null Indicator option of D and this value is no longer supported. It was automatically translated to an equivalent specification using a combination of both the Column Null Indicator and the new Column Default Indicator options. Valid values for the Column Null option are as follows:

- Y-The column may contain null values.
- N-The column may not contain null values (NOT NULL clause).
- Action:

If you want to specify NOT NULL WITH DEFAULT, specify N for the Column Null Indicator and Y for the Column Default Indicator.

R0721E

COLUMN NULL AND COLUMN DEFAULT INDICATORS MAY NOT BOTH BE 'N'.

Reason:

Indicates that you specified N for the Column Null Indicator and N for the Column Default Indicator in the ALL TYPES field, and this combination is not valid. For your convenience, the first invalid value is highlighted and the cursor positioned to the first field that is in error.

Specifying N for both the Column Null and Column Default Indicators is equivalent to indicating that both the NOT NULL and DEFAULT NULL clauses be used in your create and/or alter DDL; however, these two clauses are mutually exclusive and cannot be specified together.

Action:

Reenter the specified values.

R0722E**START WITH VALUE IS OUT OF RANGE OR SYNTACTICALLY INCORRECT.****Reason:**

An invalid START WITH value was specified, or an alteration to the data type or precision of your sequence object or table's identity column caused the current START WITH value to become invalid.

START WITH is the starting value of the sequence. The value can be any positive or negative value, including 0, which can be assigned to the column or sequence based on its data type. The default for an ascending sequence is MINVALUE, and MAXVALUE for a descending sequence.

Valid data types are as follows:

- **DECIMAL**—Any positive or negative value within the scope of the decimal number's defined precision that does not contain non-zero digits to the right of the decimal point

For example, if the precision is 6, the smallest value is –999999 and the largest value is 999999. (If a decimal point is included, the decimal point and any digits to its right are discarded and the value is redisplayed without the decimal point or trailing digits.)
- **INTEGER**—Smallest value is –2147483648; largest value is 2147483647
- **SMALLINT**—Smallest value is –32768; largest value is 32767
- **BIGINT**—Smallest value is –9223372036854775808; largest value is 9223372036854775807

START WITH is not necessarily the value that a sequence will cycle to after reaching the minimum or maximum value of the sequence. START WITH can be used to start a sequence outside the range that is used for cycles. The range used for cycles is defined by MINVALUE and MAXVALUE.

The following considerations apply regarding determination of the default value:

- Unless overridden by object definition defaults, when START WITH is blanked out on the panel at the time the Enter or End key is pressed, a default value is determined and substituted in place of the blanks. This substitution process uses the same rules as DB2 if the clause corresponding to this option (in conjunction with other attributes that may or may not be specified) were to be omitted at the time the DDL is executed when creating a sequence object or identity column. This also allows you to see what the value will be before the analysis of a strategy and the generation of DDL.
- The first field that is inspected is the INCREMENT BY field. If INCREMENT BY is blanks or any valid positive number for the data type, the sequence is assumed to be ascending; otherwise, it is descending.

- When START WITH is blanks for an ascending sequence, the value substituted in place of the blank value is MINVALUE; but, if MINVALUE is also blank or NO, 1 is used.
- When START WITH is blanks for a descending sequence, MAXVALUE is used; but, if MAXVALUE is also blank or NO, -1 is used.
- All blank fields not overridden by object definition defaults are defaulted using these rules when creating a new sequence object and for newly inserted or defined identity columns.

This error can also happen when creating, resetting fields or applying defaults for a sequence object or identity column and a default value is defined for START WITH in the defaults profile for your id that is invalid for the sequence's data type or precision.

Note: For more information about object definition defaults, refer to the DEFAULTS primary command.

Action:

Verify that an acceptable value is supplied for START WITH.

R0723E

INCREMENT BY VALUE IS OUT OF RANGE OR SYNTACTICALLY INCORRECT.

Reason:

An invalid INCREMENT BY value was specified, or an alteration to the data type or precision of your sequence object or table's identity column caused the current INCREMENT BY value to become invalid.

INCREMENT BY is the interval between consecutive values of the sequence. The value can be any positive or negative value (including 0) that does not exceed the value of a small integer constant for a sequence object or identity column whose data type is SMALLINT and does not exceed the value of a large integer constant when the data type is DECIMAL, INTEGER, or BIGINT.

This error can also happen when creating, resetting fields, or applying defaults for a sequence object or identity column where a default value is defined for INCREMENT BY in the defaults profile for your ID that is invalid for the sequence's data type or precision.

Action:

Enter a valid type. Valid data types are as follows:

- **DECIMAL**—Any positive or negative value that is not zero, does not exceed the value of a large integer constant, and does not contain non-zero digits to the right of the decimal point

For example, if the precision is 15, the smallest value is –2147483648 and the largest value is 2147483647. (If a decimal point is included, the decimal point and any digits to its right are discarded, and the value is redisplayed without the decimal point or trailing digits.)

- **INTEGER**—smallest value is –2147483648; largest value is 2147483647
- **SMALLINT**—smallest value is –32768; largest value is 32767
- **BIGINT**—smallest value is –9223372036854775808; largest value is 9223372036854775807

If the value is 0 (zero) or positive, the sequence of values ascends. If the value is negative, the sequence of values descends. Unless overridden by object definition defaults, the default is 1.

Note: For more information about object definition defaults, refer to the **DEFAULTS** primary command.

R0724E**CACHE VALUE/OPTION IS OUT OF RANGE OR SYNTACTICALLY INCORRECT.****Reason:**

An invalid **CACHE** value was specified for your sequence object or identity column. The **CACHE** value indicates whether to keep some preallocated values in memory, which improves the performance of inserting rows into a table. Valid values are as follows:

NO

Specifies that values are not preallocated and stored in the cache, also ensuring that values will not be lost in the case of a system failure.

integer

Specifies the maximum number of sequence values that DB2 is to preallocate and keep in memory. During a system failure, all cached values that are yet to be assigned might be lost and will not be used. Therefore, the value that is specified for CACHE also represents the maximum number of values that could be lost during a system failure.

The minimum value is 2. The maximum value is the maximum value allowed for a large integer constant. Unless overridden by object definition defaults with a non-blank default value, the default is 20.

In a data sharing environment, you can use the CACHE and NO ORDER options to allow multiple DB2 members to cache sequence values simultaneously.

Action:

Verify that a valid value is supplied for CACHE.

R0725E**THE V COMMAND CONFLICTS WITH THE COLUMN OR ITS ATTRIBUTE SETTINGS.****Reason:**

You attempted to execute the V line command (or VALUE primary command on the Column Explode Detail panel) on an old column whose DEFAULT option is not A, C, or D.

Action:

When using the VALUE command on a pre-existing column, you can only do the following:

- Cast a default for the column, which inserts the DEFAULT WITH into your DDL. To cast a default for a pre-existing column, the column's DEFAULT option must be C.
- Specify the attributes for an identity column. To do this, the column's data type must be DECIMAL, SMALLINT, INTEGER, or BIGINT, and the column's DEFAULT option must be A or D.

Perform the action as needed.

R0726E

ONLY ONE ROWID COLUMN IS ALLOWED IN A TABLE.

Reason:

Indicates that you pressed END, PF3, or otherwise attempted to save your changes or generate DDL when there were two or more ROWID columns defined for your table.

DB2 dictates that a table can have only one ROWID column. For your convenience, all duplicate ROWID columns are highlighted. You can scroll through your table columns, if necessary, to find these duplicate ROWID columns.

Action:

Correct the discrepancy by fixing or deleting the columns that are in error. Processing cannot continue until the problem is corrected.

R0727E

ONLY ONE IDENTITY COLUMN IS ALLOWED IN A TABLE.

Reason:

Indicates that you pressed END, PF3, or otherwise attempted to save your changes or generate DDL when there were two or more identity columns defined for your table.

DB2 dictates that a table can have only one identity column. For your convenience, all duplicate identity columns are highlighted. You can scroll through your table columns, if necessary, to find these duplicate identity columns.

Action:

Correct the discrepancy by fixing or deleting the columns that are in error. Processing cannot continue until the problem is corrected.

R0728E

Table cannot have a LOB column unless it also has a ROWID column.

Reason:

Indicates that you pressed END/PF3, or otherwise attempted to save your changes or generate DDL, and there are one or more LOB columns defined for your table with no ROWID column.

DB2 dictates that a table with a LOB column must also have a ROWID column. For your convenience, all LOB columns are highlighted so they are easy to find. You may scroll through your table columns, if necessary, to find these LOB columns.

Action:

Before processing can continue, you must add a ROWID column to your table or delete the LOB column(s).

R0729E

AVAILABLE

Reason:

You have specified an invalid option.

R0730E

Invalid line command. Enter D, E, I or R.

Reason:

You have entered an invalid Space Calculation line command.

Action:

Valid line commands are as follows:

- D-Delete a table entry from the Table Information section.
- E-Explode the view of a single table's or LOB column's space statistics, so that all the information can be viewed on a single panel. Variables that are not meaningful for LOBs are not displayed if the object is a LOB column.
- I-Insert a blank line into the Table Information section.
- R-Repeat a table entry in the Table Information section.

R0731E

Row Length must be numeric

Reason:

You have entered a non numeric row length in the Table Information section of the Space Calculator panel.

Action:

Enter a numeric value for the row length. The numeric value should represent the table's average row size.

R0732I

SEGSIZE rounded up to nearest multiple of 4 not exceeding 64.

Reason:

For Segment Size, the specified non-zero size was not a multiple of 4 between 4 and 64, inclusive. A segment size must be a multiple of 4 that does not exceed 64.

The value was automatically rounded up to the nearest multiple of 4 (not exceeding 64) or was otherwise reset to the largest allowed value of 64.

Action:

No action is required.

R0733I

FREEPAGE has been reset to the maximum value of 255.

Reason:

The specified Freepage value was invalid. The Freepage value must be less than or equal to 255. The Freepage value has been reset to 255, which is the maximum value for Freepage.

Action:

This is an informational message. No action is required.

R0734I

AVG DUPLICATES has been reset to the maximum value of 999999&ZDECS.9

Reason:

The specified value was invalid, and was reset to the minimum, maximum, or default value.

Action:

None.

R0734I

AVG DUPLICATES has been reset to 1&ZDECS.0

Action:

None.

R0734I

AVG DUPLICATES has been reset to 0&ZDECS.0

Action:

None.

R0735E

An error was encountered while parsing/validating the AVG DUPLICATES value. The invalid value replaced with a default value, and processing continued.

Reason:

An error was encountered while parsing/validating the Average Duplicates value.

Action:

The invalid data was replaced with a default value (0.0 if the index is unique, or 1.0 if the index is non-unique), and processing continued.

R0736E

reserved for space calculator

Action:

None.

R0737E

reserved for space calculator

Action:

None.

R0738E

reserved for space calculator

Action:

None.

R0739E

reserved for space calculator

Action:

None.

R0740E

Invalid WHEN default. Enter a listed value or blanks.

Reason:

The product detected an invalid WHEN default value for a trigger and highlighted the invalid value. The WHEN option determines when triggered actions apply to the base table (relative to the event that activates the trigger). Valid values are as follows:

After

Specifies that DB2 executes the triggered action *after* applying any changes caused by an insert, delete, or update operation on the subject table.

Before

Specifies that DB2 executes the triggered action *before* applying any changes caused by an insert, delete, or update operation on the subject table. With this setting, the triggered action does not activate other triggers.

Instead

(DB2 9 and later) Specifies that DB2 executes the triggered action *instead of* the insert, update, or delete operation on the subject view. Only one INSTEAD OF trigger is allowed for each type of operation on a given subject view.

Note: If you do not specify a value, the product uses AFTER on the Trigger Create panel (upon initial display) or when you remove the value for the WHEN field on any panel.

Action:

Specify a valid value, or leave the WHEN field blank.

R0741E

Invalid Event default. Enter a listed value or blanks.

Reason:

An invalid value was specified for the Event default for a trigger. The invalid value has been highlighted, and the cursor is positioned to the value. Event specifies the specific event that activates the trigger.

When the default is set to spaces, the default INSERT is used on the Trigger Create panel on initial display or when this default's corresponding field is subsequently blanked out on any panel. Additionally, the Apply Def command will apply no default, and the current value in the field will remain unchanged.

Action:

Enter a valid value or blanks.

Note: For information about valid values, see the online Help for the message.

R0742E

Invalid FOR EACH default. Enter a listed value or blanks.

Reason:

An invalid value was specified for the FOR EACH default for a trigger. The invalid value has been highlighted, and the cursor is positioned to the value. FOR EACH specifies whether DB2 executes the triggered action for each row of the subject table that the triggering SQL operation modifies, or only once for the triggering SQL operation.

When the default is set to spaces, the default STATEMENT is used on the Trigger Create panel on initial display or when this default's corresponding field is subsequently blanked out on any panel. Additionally, the Apply Def command will apply no default, and the current value in the field will remain unchanged.

Action:

Enter a valid value or blanks.

Note: For information about valid values, see the online Help for the message.

R0743E

Invalid MODE default. Enter a listed value or blanks.

Reason:

An invalid value was specified for the MODE default for a trigger. The invalid value has been highlighted, and the cursor is positioned to the value. MODE specifies the mode of the trigger.

When the default is set to spaces, the default DB2SQL is used on the Trigger Create panel on initial display or when this default's corresponding field is subsequently blanked out on any panel. Additionally, the Apply Def command will apply no default, and the current value in the field will remain unchanged.

Action:

Enter a valid value or blanks.

Note: For information about valid values, see the online Help for the message.

R0746E

Text of check constraint exceeds maximum by *amount*.

Reason:

The text of the edited check constraint exceeds the maximum allowable length by the specified amount.

Action:

Do one of the following:

- Update the text so that it does not exceed the maximum allowable length.
- Enter the CANCEL command to leave the panel without updating the check constraint text.

R0747E

Text of check constraint is not parseable.

Reason:

The text of the edited check constraint could not be parsed. The text might be syntactically incorrect or have other structural issues.

Action:

Do one of the following:

- Review the check constraint text, and update the text (if needed) to ensure that it is syntactically correct.
- Enter the CANCEL command to leave the panel without updating the check constraint text.

R0748E

Invalid value or combination of values for Index Type defaults. Press HELP for more info.

R0749E

Tablespace name required for AUX table; enter a name or selection criteria.

Reason:

A value was not specified for the Tablespace field. A tablespace name is required and must identify an empty LOB tablespace that exists at the current server (and same database as the associated base table). If you also specify a name for the Database field, the tablespace must belong to the specified database. If you specify only a tablespace, the tablespace must belong to database DSNDB04.

Processing cannot continue until a tablespace name is entered.

Action:

Enter a name in the Tablespace field, or specify selection criteria to display a selection list of tablespaces.

R0750E

START WITH default value is too large or syntactically incorrect.

Reason:

An invalid value was specified for the START WITH default. The default value must be a positive or negative value (including 0) that can be assigned to a DECIMAL data type having a precision of 31. If a decimal point is included, the decimal point and any digits to its right are discarded, and the value is redisplayed without the decimal point or trailing digits.

When no default is defined, the default value for this field on the create, alter, and template panels is determined using the same rules as DB2 if the clause corresponding to this option (in conjunction with other attributes that may or may not be specified) was omitted at the time the DDL is executed.

Action:

Enter a START WITH default that you will most frequently use, or leave the field blank to always have it determined for you.

R0751E

INCREMENT default value is out of range or syntactically incorrect.

Reason:

An invalid value was specified for the INCREMENT default. The default value must be a positive or negative value (including 0) that does not exceed the value of a large integer constant. If a decimal point is included, the decimal point and any digits to its right are discarded, and the value is redisplayed without the decimal point or trailing digits.

When no default is defined, the default value for this option on the create, alter, and template panels is determined using the same rules as DB2 if the clause corresponding to this option (in conjunction with other attributes that may or may not be specified) was omitted at the time the DDL was executed.

Action:

Enter an INCREMENT default that you will most frequently use, or leave INCREMENT blank to always have the default determined for you.

R0752E

MINVALUE default value is too large or syntactically incorrect.

Reason:

An invalid value was specified for the MINVALUE default. The default value must be a positive or negative value (including 0) that can be assigned to a DECIMAL data type having a precision of 31. If a decimal point is included, the decimal point and any digits to its right are discarded, and the value is redisplayed without the decimal point or trailing digits.

When no default is defined, the default value for this option on the create, alter, and template panels is determined using the same rules as DB2 if the clause corresponding to this option (in conjunction with other attributes that may or may not be specified) was omitted at the time the DDL was executed.

Action:

Enter a MINVALUE default that you will most frequently use, enter **NO** to have DB2 determine it for you, or leave MINVALUE blank to always have the appropriate CA product determine it for you.

R0753E

MINVALUE default value must be less than or equal to MAXVALUE value.

Reason:

Invalid or conflicting values were specified for your MINVALUE and MAXVALUE defaults. When defaults are specified for both MINVALUE and MAXVALUE, MINVALUE must be less than or equal to MAXVALUE.

When no default is defined, the defaults for these options on the create, alter, and template panels are determined using the same rules as DB2 if the clause corresponding to this option (in conjunction with other attributes that may or may not be specified) was omitted at the time the DDL was executed.

Action:

Correct the value(s), or leave MINVALUE or MAXVALUE blank.

R0754E

MAXVALUE default value is too large or syntactically incorrect.

Reason:

An invalid value was specified for the MAXVALUE default. The default value must be a positive or negative value (including 0) that can be assigned to a DECIMAL data type having a precision of 31. If a decimal point is included, the decimal point and any digits to its right are discarded, and the value is redisplayed without the decimal point or trailing digits.

When no default is defined, the default value for this option on the create, alter, and template screens is determined using the same rules as DB2 if the clause corresponding to this option (in conjunction with other attributes that may or may not be specified) was omitted at the time the DDL is executed.

Action:

Enter a MAXVALUE default that you will most frequently use, enter **NO** to have DB2 determine the default for you, or leave MAXVALUE blank to always have the appropriate CA product determine the default for you.

R0755E

Invalid CYCLE default. Enter a listed value or blanks.

Reason:

An invalid value was specified for the CYCLE default. CYCLE indicates whether the sequence should continue to generate values after reaching the minimum or maximum value of the sequence as specified by MINVALUE and MAXVALUE.

Action:

Enter a valid value, or leave CYCLE blank.

R0756E

CACHE default is invalid or syntactically incorrect.

Reason:

An invalid value was specified for the CACHE default. CACHE indicates whether to keep some preallocated values in memory, which improves the performance of inserting rows into a table.

Action:

Enter a valid value for CACHE.

R0757E

Invalid ORDER default. Enter a listed value or blanks.

Reason:

An invalid value was specified for the ORDER default. ORDER indicates whether the sequence values must be generated in order of request.

Action:

Enter a valid value for ORDER, or leave it blank.

R0758E

Precision default value is out of range or syntactically incorrect.

Reason:

An invalid value was specified for the Precision default (or it is outside the legal range for a DECIMAL data type). Precision must be an integer from 1 to 31, containing only numeric digits with no delimiting symbols (or it must be specified as blanks).

A blank precision indicates that no default is defined. On the Sequence Create panel, the initial default 5 is used for a DECIMAL data type.

Note: This default has no meaning when the data type is SMALLINT, INTEGER, BIGINT, or a distinct type that is sourced on SMALLINT, INTEGER, BIGINT, or DECIMAL.

Action:

Enter a valid default for Precision or leave it blank.

R0759W

One or more objects contain unsupported V10 feature and may not be selected.

Press PF1 or type HELP while this message is displayed for more details.

R0760E

Invalid Data option. Valid values: With No data, Initially Deferred

Reason:

An invalid value was entered in the Data field for your materialized query table (MQT). Data specifies whether the query from the fullselect is used to define the attributes of a regular table or an MQT. Unless overridden by object definition defaults, the default is WITH NO DATA.

Action:

Enter a valid value in the Data field.

Note: For information about valid values for Data, see the online Help. For more information about object definition defaults, refer to the DEFAULTS primary command.

R0761E**Invalid Identity Col Attr option. Valid values: Excluding, Including****Reason:**

An invalid value was entered for Identity Col Attr for your MQT. Identity Col Attr specifies whether identity column attributes are to be inherited (copied) from the definition of a source table and used in the definition for a corresponding column in the result table.

Identity Col Attr is available when Data is set to WITH NO DATA. Unless overridden by Object Definition Defaults, the default for Identity Col Attr is EXCLUDING.

Action:

Enter a valid value for Identity Col Attr.

Note: For information about valid values for Identity Col Attr, see the online Help. For more information about object definition defaults, refer to the DEFAULTS primary command.

R0762E**Invalid Copy Option Defaults option. Valid values: Excluding column, Including column, Using type****Reason:**

An invalid value was entered for Copy Option Defaults for your MQT. Copy Option Defaults specifies whether column defaults are to be inherited (copied) from the definitions of the source tables and used in the definition for corresponding columns in the result table.

Copy Option Defaults is available when Data is set to WITH NO DATA. Unless overridden by object definition defaults, the default is EXCLUDING COLUMN.

Action:

Enter a valid value for Copy Option Defaults.

Note: For information about valid values for Copy Option Defaults, see the online Help. For more information about object definition defaults, refer to the DEFAULTS primary command.

R0763E

Invalid Maintained By option. Valid values: System, User

Reason:

An invalid value was entered in the Maintained By field for your MQT. Maintained By specifies how to maintain data in the MQT. Maintained By is available when the Data option is set to INITIALLY DEFERRED. Unless overridden by object definition defaults, the default is SYSTEM.

Action:

Enter a valid value for Maintained By.

Note: For information about valid values for Maintained By, see the online Help. For more information about object definition defaults, refer to the DEFAULTS primary command.

R0764E

Invalid Query Optimization option. Valid values: Enable, Disable

Reason:

An invalid value was specified for the Query Optimization field for your MQT. Query Optimization specifies whether the MQT can be used for optimization. Query Optimization is available when Data is set to INITIALLY DEFERRED. Unless overridden by object definition defaults, the default is ENABLE.

Action:

Enter a valid value for Query Optimization.

Note: For information about valid values for Query Optimization, see the online Help. For more information about object definition defaults, refer to the DEFAULTS primary command.

R0765E

Invalid Data default. Enter a listed value or blanks.

Reason:

An invalid value was specified for the Data field. Data specifies whether the query from the fullselect is used to define the attributes of a regular table or an MQT.

When the default is set to spaces, the default WITH NO DATA is used on the MQT Create panel when it first appears or when this default's corresponding field is subsequently blanked out on any panel. Additionally, the Apply Def command will apply no default, and the current value in the field will remain unchanged.

Action:

Enter a valid value for Data, or leave the field blank.

Note: For information about valid values for Data, see the online Help.

R0766E

Invalid Identity Col Attr default. Enter a listed value or blanks.

Reason:

An invalid value was specified for the Identity Col Attr default. Identity Col Attr specifies whether identity column attributes are inherited (copied) from the definition of a source table and used in the definition for a corresponding column in the result table.

When the default is set to spaces, the default EXCLUDING is used on the MQT Create panel when it first displays or when this default's corresponding field is subsequently blanked out on any screen. Additionally, the Apply Def command will apply no default, and the current value in the field will remain unchanged.

Action:

Enter a valid value for Identity Col Attr, or leave the field blank.

Note: For information about valid values for Identity Col Attr, see the online Help.

R0767E

Invalid Copy Option Defaults default. Enter a listed value or blanks.

Reason:

An invalid value was specified for the Copy Option Defaults default. Copy Option Defaults specifies whether column defaults are inherited (copied) from the definitions of the source tables and used in the definition for corresponding columns in the result table.

When the default is set to spaces, the default EXCLUDING COLUMN is used on the MQT Create panel when it first appears or when this default's corresponding field is subsequently blanked out on any panel. Additionally, the Apply Def command will apply no default, and the current value in the field will remain unchanged.

Action:

Enter a valid value for Copy Option Defaults, or leave the field blank.

Note: For information about valid values for Copy Option Defaults, see the online Help.

R0768E

Invalid Maintained By default. Enter a listed value or blanks.

Reason:

An invalid value was specified for the Maintained By default. Maintained By specifies how the data in the MQT is maintained. When the default is set to spaces, the default SYSTEM is used on the MQT Create panel when it first appears or when this default's corresponding field is subsequently blanked out on any panel. Additionally, the Apply Def command will apply no default, and the current value in the field will remain unchanged.

Action:

Enter a valid value for Maintained By, or leave the field blank.

Note: For information about valid values for Maintained By, see the online Help.

R0769E

Invalid Query Optimization default. Enter a listed value or blanks.

Reason:

An invalid value was specified for the Query Optimization default. Query Optimization specifies whether the MQT can be used for optimization. When the default is set to spaces, the default ENABLE is used on the MQT Create panel when it first appears or when this default's corresponding field is subsequently blanked out on any panel. Additionally, the Apply Def command will apply no default, and the current value in the field will remain unchanged.

Action:

Enter a valid value for Query Optimization, or leave the field blank.

Note: For information about valid values for Query Optimization, see the online Help.

R0773E

Invalid Add Ver option. Valid values: Yes, No.

Reason:

The specified value for the Add Ver (Add Version) option is invalid. For altering an existing native SQL procedure, Add Ver specifies whether this version alters or replaces an existing version or adds a new version.

This field is *not* supported by object definition defaults.

Action:

Enter a valid value.

Note: For descriptions of valid values, see the online help.

R0774E**ONE OR MORE CHANGES NOT COMPATIBLE WITH ADD VERSION REQUEST. OPTION RESET TO NO.****Reason:**

The product reset the Add Ver option to NO because some procedure definition changes are not compatible with the request to add a version.

The product highlights all conflicting changes. You might need to scroll the Header or Parameter Declaration List (up and down or left and right) to view all highlighted conflicts. Even when you perform this scrolling, some conflicts might not be visible, due to one of the following reasons:

- The conflict is within the Parameter Declaration List, and insufficient room is available to show the Header and Parameter Declaration List.

In this situation, enter **COMPARE OFF** (if it is ON) or **HEADER OFF** in the command line to view the Parameter Declaration List.

- You deleted a parameter corresponding to a parameter defined for the current active procedure.

In this situation, enter **COMPARE ON** in the command line to view a comparison of old settings and new settings.

When you add a new version of a procedure, the name, schema, language, fenced and parameter CCSID must be unchanged. Additionally, the following items must be the same as the attributes of the corresponding parameters for the currently active version of the procedure:

- Number and order of parameter declarations
- Data types, CCSID specifications, and character data attributes (FOR BIT/SBCS/MIXED DATA) of the parameter declarations

Action:

Correct the conflicts individually, or enter **RESET** in the command line to restore the procedure to its old definition.

Note: Turn COMPARE ON to see a comparison of old settings and new settings.

If the conflict is due to a change in the order of a parameter declaration, reset the individual declaration. You can perform this reset by entering U or RES next to the parameter declaration. This action resets the declaration definition but does *not* reset its order within the list. Use the M (Move) line command to fix the order, or enter **RESET** in the command line to restore the procedure to its old definition.

If you do not want to add a new version and want to keep your current changes, no action is required.

R0775I**ACTIVE OVERRIDDEN TO NO BECAUSE A NEWLY ADDED VERSION IS IMPLICITLY NOT ACTIVE****Reason:**

The Active option was automatically overridden to NO because the Add Ver option was changed to YES.

According to DB2 rules, any new version of a native SQL procedure is implicitly not active. Therefore, if the Active option was previously YES, the product automatically changes the option to NO.

Action:

To make the new version the active version, change Active to **YES**. Otherwise, no action is required.

R0776E**SCHEMA not SYSIBM. Only built-in types allowed for external SQL procedures when TT is NO.****Reason:**

Your external SQL procedure contains a parameter declaration with conflicting SCHEMA and TT (Transition Table) settings. If the TT option is NO, only built-in types are allowed, and SYSIBM is the only permissible value for SCHEMA.

The product highlights the conflicting fields (DATA TYPE, TT, and SCHEMA). You might need to scroll right in the Parameter Declaration List to view the SCHEMA field.

Action:

Perform *one* of the following actions:

- Specify a distinct type by entering **YES** or the TT option.
- Enter **SYSIBM** for SCHEMA.

If the Parameter Declaration List is not visible because of insufficient room on the panel, perform *one* of the following actions:

- Enter **HEADER** in the command line to turn off the header.
- Enter **COMPARE** in the command line to turn off the compare display.

R0777I

JAR Schema set to blanks because JAR Name is blanks.

Reason:

JAR Schema has been automatically set to blanks because JAR Name was blanks. JAR Name is optional, but when omitted, JAR Schema has no meaning.

Action:

No action is required.

Note: During initial display of the Procedure Create panel, this message may appear when JAR Schema in the defaults profile for your ID is set to something other than blanks and you press Enter without specifying a value for JAR Name. Setting JAR Schema in the defaults profile for your ID will prevent a message for this situation.

R0778E

Command *command_name* not allowed when SQL Body not enabled for display.

Reason:

You entered a command for an SQL procedure that is meaningful only to the SQL Body; however, the procedure's Parameter Declaration List, rather than its SQL Body, is enabled for display.

Commands that are specific to the SQL Body (and have no meaning for the Parameter Declaration List) are not allowed unless the SQL Body is enabled for display, regardless of whether the panel has room for the SQL Body to display at the same time with the header.

Action:

Enable the SQL Body by entering **SQL** or **PARMS** in the command line to toggle between displaying the parameter declarations and SQL Body list.

If, after toggling the SQL Body ON, the SQL Body is not visible because there is not enough room on the panel, do one of the following:

- Enter **HEADER** in the command line to toggle the header OFF.
- Enter **COMPARE** in the command line to toggle the compare display OFF.

R0779E**Data type(s) not found or invalid for LANGUAGE and FENCED.****Reason:**

You attempted to save your changes or generate DDL; however, the parameter declarations for your procedure specify one of the following:

- Blank data types
- Data types that could not be found
- Data types that are invalid for the type of procedure, according to the settings of Language and Fenced

The Parameter Declaration List should appear, highlighting all data types found in error.

For SQL procedures, unless the TT option is YES, only built-in types are allowed, in which case SYSIBM is the only permissible value for SCHEMA.

Action:

Correct the highlighted errors so that processing can continue. You can enter a new name or schema for the data types, enter selection criteria, or simply press Enter. If you enter new selection criteria or press Enter, a Parameter Data Type Selection panel appears, in sequence, for each parameter with a data type error.

If the Parameter Declaration List is not visible because there is not enough room, do one of the following:

- Enter **HEADER** in the command line to toggle the header OFF.
- Enter **COMPARE** in the command line to toggle the compare display OFF.

R0780E**User-managed datasets not allowed on partition-by-growth tablespaces.****Reason:**

The VCAT field in the partition definition is not blank for your partition-by-growth (PBG) tablespace. The VCAT field is the VSAM catalog specification for specifying a user-managed data set for a tablespace's data space or partition. However, when defining a PBG universal tablespace, the data sets for the tablespace must be DB2-managed. Therefore, the VCAT field must be blank.

The field in error is highlighted, with the cursor positioned.

Action:

Leave the VCAT field blank. If you want a tablespace with user-managed data sets, change TS Type to a value other than GROWTH.

R0781E

Lock Size TABLE can not be specified for a Universal Tablespace.

Reason:

TABLE was specified for Lock Size; however, DB2 does not allow LOCKSIZE TABLE for a universal tablespace. The conflicting option is highlighted, with the cursor positioned to its field.

When TS Type specifies GROWTH or RANGE, the only acceptable values for Lock Size are as follows:

Any

Specifies that DB2 can use any lock size.

TABLESpace

Specifies tablespace locks.

Page

Specifies page locks.

Row

Specifies row locks.

Action:

Specify a Lock Size value that is valid for a universal tablespace, or change TS Type to a type that is allowed with LOCKSIZE TABLE.

R0782E

MEMBER CLUSTER can not be specified for a segmented tablespace.

Press PF1 or type HELP while this message is displayed for more details.

R0783E

A Universal Tablespace must be segmented, please enter a Segment Size.

Reason:

Universal tablespaces must be segmented.

Action:

Specify a valid segment size for the universal tablespace.

Note: Universal tablespaces are only supported in DB2 9 or later.

R0784E

Max Parts must be an integer in the range 1 to 4096 inclusive.

Reason:

For Max Parts, the specified numeric value is out of range or syntactically incorrect. The value must be an integer in the range of 1 to 4096, depending on the corresponding values for DSSIZE and Buffer Pool.

Note: For information about the maximum allowable value for Max Parts in relation to the page size and DSSIZE value for the tablespace, see the IBM *DB2 for z/OS SQL Reference*.

Any specified Max Parts value that is outside the acceptable upper limit is automatically adjusted downward to the nearest acceptable value. When DSSIZE is blanks, 4 (GB) is assumed in determining the maximum value for Max Parts.

Max Parts appears only when TS Parts is set to GROWTH. Unless overridden by object definition defaults with a non-blank default value, the default is 1.

Action:

Specify a valid value for Max Parts.

More information:

[R0787I](#) (see page 1630)

R0785W

Higher defined partitions(s) previously hidden brought into view.

Reason:

A higher partition was defined for the tablespace but hidden from view because it was not applicable to the current definition's options. This partition has been automatically brought into view after a visible partition was implicitly deleted because VCAT and STOGROUP values were intentionally left blank.

Important! On an ALTER, even though the definition of the partition that was brought into view may be identical to what was deleted, it is nevertheless a different partition and may cause the generation of DDL that will drop and create the tablespace.

A few common causes of this problem are as follows:

- You alter a partition-by-growth (PBG) tablespace that has grown to two or more partitions, and you leave STOGROUP blank.
- You alter a partitioned tablespace (having two or more partitions defined) that is not defined as PBG, you change TS Type to GROWTH, and you leave STOGROUP blank (or leave VCAT blank without also entering a value for STOGROUP). In this case, the next higher defined partition is brought into view to fill the place of the partition that had just been deleted.

Because only the first partition is relevant when defining a PBG tablespace, higher defined partitions are hidden from view. If you change TS Type to its previous value, the partitions you had previously defined are redisplayed.

Action:

No action is required.

R0786E

Invalid Max Parts default. Enter a listed value or blanks.

Reason:

The specified numeric value for the Max Parts default is out of range or syntactically incorrect. Valid values for Max Parts are as follows:

integer

Specifies the maximum number of partitions, between 1 and 4096, to which a partition-by-growth (PBG) universal tablespace is allowed to grow.

spaces

Specifies that no default is defined.

This value is not validated as to its compatibility with DSSIZE and page size, but the value is validated on the Tablespace Create and Alter panels.

Note: For information about the maximum allowable value for Max Parts in relation to the page size and DSSIZE value for the tablespace, see the *IBM DB2 for z/OS SQL Reference*.

When the default is set to spaces, the default of 1 is used when the Max Parts field first appears on the Tablespace Create panel or when this default's corresponding field is subsequently blanked out on any screen. Additionally, the Apply Def command will apply no default, and the current value in the field will remain unchanged.

Action:

Specify a valid value for Max Parts.

R0787I

Max Parts rounded down to nearest value compatible with Buffer Pool and DSSIZE.

Reason:

Max Parts was rounded down to the nearest value that is compatible with the current page size (based on Buffer Pool) and DSSIZE specifications.

Note: The action that is taken depends on the maximum allowable value for Max Parts in relation to page size and DSSIZE. For more information about the relationship of these values, see the IBM *DB2 for z/OS SQL Reference*.

If DSSIZE is blank, 4 (GB) is assumed in determining the maximum value for Max Parts.

Note: This message is issued only when Max Parts must be rounded down to a value that is less than the maximum valid value (4096) that is allowed for the MAXPARTITIONS clause in generated DDL; any value outside the range of 1 to 4096, inclusive, is automatically rounded up to 1 or down to 4096.

Action:

No action is required.

More information:

[R0784E](#) (see page 1627)

R0788W

Invalid Logged option for DSNCB06 or work file database. Reset to YES.

Reason:

You specified a value for the Logged option that is not recognizable or allowed for a tablespace defined in DSNCB06 or a work file. For an alteration of an existing tablespace in this situation, only YES and ALL are valid. Otherwise, only YES is valid for this type of tablespace.

The option has been automatically reset to YES and highlighted for you.

For tablespaces defined in DSNCB06 or a work file database, the tablespace is inherently LOGGED and cannot be changed to NOT LOGGED. Although DB2 does not allow the LOGGED or NOT LOGGED clauses to be specified within the syntax of the CREATE or ALTER statement for such a tablespace, the Logged option must be set (at minimum) to YES. This option implicitly indicates that the tablespace is LOGGED.

When the CREATE or ALTER statement is generated, the LOGGED clause is not included and allowed to default according to DB2 rules.

Action:

No action is required; however, perform any of the following tasks if needed:

- If tables are defined in the tablespace with DATA CAPTURE NONE and you want them defined with DATA CAPTURE CHANGES, specify ALL.
- If you did want your tablespace in DSNDB06 or a work file database, change the Database field on the Tablespace Create/Alter panel as needed.

R0789W

Logged => ALL is allowed on a Tablespace Alter, only. Reset to YES.

Reason:

You specified ALL for the Logged option for a creation or template of a tablespace; however, ALL has no meaning unless used during an alteration of an existing tablespace.

Action:

No action is required. The product automatically resets the option to YES (the only reasonable equivalent on a creation or template) and highlights the change for you.

R0790E

WLM environment name does not conform to IBM naming rules.

Press PF1 or type HELP while this message is displayed for more details.

R0791E

Invalid Concur Acc Res option. Valid values: Default, Use cur commit, Wait for outcome.

Press PF1 or type HELP while this message is displayed for more details.

R0792E

All character/graphic parameter declarations must have the same CCSID.

Press PF1 or type HELP while this message is displayed for more details.

R0793E

***command_name* is an invalid or unrecognizable Key Expression line command.**

Press PF1 or type HELP while this message is displayed for more details.

R0794E

Index must have at least one key expression.

Press PF1 or type HELP while this message is displayed for more details.

R0795E

Invalid key expression. Press HELP for more information.

R0796E

Duplicate key expression. Press HELP for more information.

R0797E

Invalid Index Type option for non-parted index. Valid values: 2 and 2S.

Press PF1 or type HELP while this message is displayed for more details.

R0798I

One or more expressions contains lower case characters. CAPS turned OFF.

Press PF1 or type HELP while this message is displayed for more details.

R0799E

Table has no columns defined or cannot be found. PARSE disabled | discarded

Press PF1 or type HELP while this message is displayed for more details.

R0800E

Command *command_name* not supported on your DB2. Command discarded.

Press PF1 or type HELP while this message is displayed for more details.

R0801E

Expression too long. One or more symbols not replaced.

Press PF1 or type HELP while this message is displayed for more details.

R0802E

***command_name* is an invalid or unrecognizable Table Column Selection line command.**

Press PF1 or type HELP while this message is displayed for more details.

R0803E

Duplicate or conflicting commands. Press HELP for more info.

R0804W

PARSE line command(s) ignored because PARSE is ON.

Press PF1 or type HELP while this message is displayed for more details.

R0805E

Your index defines too many key columns or expressions. Limit is 64.

Press PF1 or type HELP while this message is displayed for more details.

R0806I

ACTIVE RESET TO YES BECAUSE THIS IS THE CURRENTLY ACTIVE VERSION.

Press PF1 or type HELP while this message is displayed for more details.

R0807I

Fields excluded from SRC request because screen is in ADD VERSION mode.

Press PF1 or type HELP while this message is displayed for more details.

R0808E

COMMAND &R0808V NOT ALLOWED IN ADD VERSION MODE.

Press PF1 or type HELP while this message is displayed for more details.

R0809E

VERSION IDENTIFIER IN USE BY ANOTHER PROCEDURE; SPECIFY ANOTHER.

Press PF1 or type HELP while this message is displayed for more details.

R0810I

ONE OR MORE DEFAULTS NOT APPLIED BECAUSE SCREEN IS IN ADD VERSION MODE.

Press PF1 or type HELP while this message is displayed for more details.

R0811E

SCHEMA not SYSIBM. Only built-in types allowed when Language is SQL and TT is NO.

Press PF1 or type HELP while this message is displayed for more details.

R0812E

Precision for timestamp is out of range or syntactically incorrect.

Press PF1 or type HELP while this message is displayed for more details.

R0813I

Mixed specific and nonspecific VOLSERs are not supported by DB2.

Press PF1 or type HELP while this message is displayed for more details.

R0814I

INSTEAD OF trigger is not supported for the DB2 version

Press PF1 or type HELP while this message is displayed for more details.

R0815W

View not found in current subsystem.

Press PF1 or type HELP while this message is displayed for more details.

R0816E

Invalid Enabled default. Enter a listed value or blanks.

Press PF1 or type HELP while this message is displayed for more details.

R0817E

Invalid Role As Owner default. Enter a listed value or blanks.

Press PF1 or type HELP while this message is displayed for more details.

R0820E

Invalid Attribute name default. Enter a listed value or blanks.

Press PF1 or type HELP while this message is displayed for more details.

R0821E

Invalid Authentication default. Enter a listed value or blanks.

Press PF1 or type HELP while this message is displayed for more details.

R0822E

&V1 is an invalid or unrecognizable AuthID Declaration line command.

Press PF1 or type HELP while this message is displayed for more details.

R0823E

Invalid Attribute Name. Valid values: Address, Encryption, Jobname, Servauth.

Press PF1 or type HELP while this message is displayed for more details.

R0824E

Invalid Enabled option. Valid values are Y and N.

Press PF1 or type HELP while this message is displayed for more details.

R0825E

Invalid Role As Owner option. Valid values are Y and N.

Press PF1 or type HELP while this message is displayed for more details.

R0826E

Invalid With Use For option. Valid values are Y, N and U.

Press PF1 or type HELP while this message is displayed for more details.

R0827E

Encryption attribute cannot be specified more than once.

Press PF1 or type HELP while this message is displayed for more details.

R0828E

Invalid Encryption value. Valid values are None, Low and High.

Press PF1 or type HELP while this message is displayed for more details.

R0829E

Invalid Auth type value. Valid values are Auth, External and Public.

Press PF1 or type HELP while this message is displayed for more details.

R0830E

Authorization-ID/External Security Profile name must be specified.

Press PF1 or type HELP while this message is displayed for more details.

R0831E

Public cannot be specified more than once.

Press PF1 or type HELP while this message is displayed for more details.

R0832E

Trusted Context must have at least one attribute.

Press PF1 or type HELP while this message is displayed for more details.

R0833E

Duplicate attribute declaration(s). Press HELP for more information.

R0834E

Attribute value must be specified.

Press PF1 or type HELP while this message is displayed for more details.

R0835E

Jobname attribute must not be specified with other attribute types.

Press PF1 or type HELP while this message is displayed for more details.

R0836E

&V1 is an invalid or unrecognizable Attribute Declaration line command.

Press PF1 or type HELP while this message is displayed for more details.

R0837E

System Authorization ID must be specified.

Press PF1 or type HELP while this message is displayed for more details.

R0838E

Jobname value specified does not conform to naming rules.

Press PF1 or type HELP while this message is displayed for more details.

R0839E

SERVAUTH attribute value cannot exceed maximum length of 64 bytes.

Press PF1 or type HELP while this message is displayed for more details.

R0840E

External profile name cannot exceed maximum length of 127 bytes.

Press PF1 or type HELP while this message is displayed for more details.

R0841E

Invalid Authentication value. Valid values are With and WithOut.

Press PF1 or type HELP while this message is displayed for more details.

R0842E

Duplicate Authorization-ID/External profile name declaration(s). Press HELP for more information.

R0843W

Role not found in current subsystem.

Press PF1 or type HELP while this message is displayed for more details.

R0844E

Default Role not specified. Press HELP for more information.

R0845I

Hidden option is changed to N for a column defined as ROWID or a distinct type based on ROWID.

Press PF1 or type HELP while this message is displayed for more details.

R0846E

IMPLICITLY HIDDEN cannot be specified for all columns of a table.

Press PF1 or type HELP while this message is displayed for more details.

R0847E

Invalid Hidden option for the column attributes specification. Valid values are Y and N.

Press PF1 or type HELP while this message is displayed for more details.

R0848E

Only one Row Change Timestamp column is allowed in a table.

Press PF1 or type HELP while this message is displayed for more details.

R0849E

Partitioning Key column or a Foreign key column cannot be changed as a Row Change Timestamp column.

Press PF1 or type HELP while this message is displayed for more details.

R0852E

Your temporal table must define a Business and/or System Time Period.

Press PF1 or type HELP while this message is displayed for more details.

R0855E

Your temporal table contains an improperly defined Business or System Time Period. Press HELP for more information.

R0858E

Extraneous Transaction Start Id Column. *reason*.

***reason* = [Not allowed without System Time Period | Only one allowed with System Time Period]**

Press PF1 or type HELP while this message is displayed for more details.

R0859E

The System Period requires a Transaction Start Id Column.

Press PF1 or type HELP while this message is displayed for more details.

R0860E

You specified an invalid value for the BTWOO option.

Press PF1 or type HELP while this message is displayed for more details.

R0861W

The table for your index is not defined with a BUSINESS_TIME period. BTWOO reset to NO.

Press PF1 or type HELP while this message is displayed for more details.

R0862E

BUSINESS_TIME WITHOUT OVERLAPS not allowed with explicit BUSINESS_TIME period column(s)

Press PF1 or type HELP while this message is displayed for more details.

R0863I

One or more options have been overridden to be compatible with BTWOO.

Press PF1 or type HELP while this message is displayed for more details.

R0864W

BTWOO reset to NO to be compatible with the Unique Rule, Partitioned and Index Type options.

Press PF1 or type HELP while this message is displayed for more details.

R0865E

Invalid BUSINESS_TIME WITHOUT OVERLAPS option. Valid values: Yes, No.

Press PF1 or type HELP while this message is displayed for more details.

R0866W

R0866W &ro866v has pending changes. Object is shown with pending changes omitted. Press HELP for more information.

Press PF1 or type HELP while this message is displayed for more details.

R0867E

Invalid Mbr Cluster default. Enter a listed value or blanks.

Press PF1 or type HELP while this message is displayed for more details.

Chapter 7: RQ to RX

RQ Messages

Messages with the RQ prefix are generated from CA RC/Query.

Note: To obtain information about batch RQE messages, refer to the corresponding RQ message (for example, to retrieve information about RQE00088, find message RQ088I).

RQ000E

OBJECT REQUESTED IS NOT VALID

Reason:

You have entered an object code that is not valid.

Action:

Enter a valid object code. Valid object codes are as follows:

- BP-Buffer Pool
- C-Column
- DB-Database
- I-Index
- P-Plans
- RI-Referential Integrity
- S-Synonym
- SG-Storage Group
- SY-System
- T-Table
- U-User
- V-View
- VC-VSAM Catalog
- TS-Tablespace

RQ001E

OPTION REQUESTED IS NOT VALID FOR THE SELECTED OPTION

Reason:

You have entered an option code that is not valid for the selected object type.

Action:

To view a listing of valid options, enter the object type in the Object field, leave the Option field blank and press Enter. The Main Menu for that object type appears, listing all valid options.

RQ002E

WHERE FIELD IS NOT AVAILABLE FOR THE SELECTED OPTION

Reason:

The Where field is not valid for the selected option.

Action:

Blank out the "Y" or "S" you have entered in the Where field and press Enter again to display the requested report.

RQ003E

WHERE FIELD ==> VALID OPTIONS ARE (Y), (S), OR (N)

Reason:

You have entered an invalid option for the Where field.

Action:

Enter a valid option. Valid options are as follows:

- N-No, do not access EQF
- Y-Yes, add a new query or edit an existing query
- S-Select a query for execution.

RQ004E**OBJECT NAME REQUIRED****Reason:**

You must enter a valid object code.

Action:

Valid object codes are as follows:

- BP-Buffer Pool
- C-Column
- DB-Database
- I-Index
- P-Plans
- RI-Referential Integrity
- S-Synonym
- SG-Storage Group
- SY-System
- T-Table
- U-User
- V-View
- VC-VSAM Catalog
- TS-Tablespace

RQ005E**OPTION REQUIRED****Reason:**

You must enter a valid report type.

Action:

The main menu for the requested object type lists the valid report options for that type.
Enter a valid report option.

RQ006E

ITEM NAME REQUIRED

Reason:

For some reports a specific item name is required.

Action:

Enter a specific item name and try again.

RQ007W

DOWN REQUEST IGNORED - ALREADY AT END

Reason:

You have requested to scroll DOWN (PF8) when the bottom of the scrollable list has already been displayed.

Action:

No action required.

RQ008E

SQL INTERNAL ERROR - RETURN CODE => sql_error

Reason:

An SQL error has been encountered.

Action:

The SQL error number displays to help you diagnose the problem.

RQ009E

PLAN NAME OR CREATOR REQUIRED

Reason:

You must specify the plan name or creator for the Plan Explain report. When you have specified the Plan Name or Creator, you can enter selection criteria in the other field.

Action:

The creator field selects the creator of the PLAN_TABLE. The creator of the PLAN_TABLE will default to the binder of the plan. If the PLAN_TABLE was generated by a different ID, enter this ID in the Creator prompt. The Plan Name field will accept the plan name or "plan.DBRM".

RQ010W**NO SQL STATEMENT GENERATED****Reason:**

You have entered the SQL command to display the SQL generated for the current report and the current report does not use SQL to generate its results. For example, the System DSNZPARMS report does not use SQL to generate its results.

Action:

This is a warning message. No action is required.

RQ011E***sql_item* SELECTED WAS NOT FOUND****Reason:**

For some reports, a specific item name is required. The name you entered was not found.

Action:

Ensure that you have specified the correct name and try again.

RQ012E***sql_item* SELECTED CONTAINS NO ENTRIES****Reason:**

The report you have requested, where *sql_item* is the Object type, has no matching entries. For example, you requested a Table Detail report for all tables beginning with "Z" and no tables beginning with "Z" were found.

Action:

Use the information in the message text to resolve the problem.

RQ013E

PLAN OR CREATOR MUST BE SPECIFIED WITHOUT WILDCARD CHARACTERS

Reason:

For the Plan Explain report, you must enter a specific plan name or creator. You have entered search criteria for the plan name and creator.

Action:

Enter a specific plan name or a specific creator. Once you have specified the Plan Name or Creator, you can enter selection criteria in the other field. The creator field selects the creator of the PLAN_TABLE. The creator of the PLAN_TABLE will default to the binder of the plan. If the PLAN_TABLE was generated by a different ID, enter this ID in the Creator prompt. The Plan Name field will accept the plan name or "plan.DBRM".

RQ014E

(*) - ALL REQUEST IS THE ONLY VALID ENTRY FOR THIS OPTION

Reason:

For some reports, such as the VSAM Catalog List report, all (*) is the only valid object name.

Action:

Change the object name to an asterisk (*) and try again.

RQ015I

NORMAL COMPLETION

Reason:

The requested batch function completed normally.

Action:

None.

RQ016E**CREATOR OF PLAN USED TO QUALIFY PLAN_TABLE****Reason:**

For the plan explain report, the binder of the plan is used as the creator for the PLAN_TABLE if no creator is specified. (If plan table does not exist with this id, you will get an SQL error.)

Action:

No action required.

RQ017E**SQL ERROR HAS BEEN ENCOUNTERED => *sql-error*****Reason:**

CA RC/Query has encountered an SQL error. The SQL error number displays to help you diagnose the problem.

Action:

Use the information in the message text to resolve the problem.

RQ020E**ISPF ERROR error FOR ISPF FUNCTION function****Reason:**

An ISPF error has been encountered.

Action:

Use the error and function information and an ISPF manual to detect the cause of the error.

RQ021E**STORED QUERY name NOT FOUND, CANNOT BE EDITED****Reason:**

You have specified a stored EQF query that cannot be found.

Action:

You can enter "S" in the Where field without a query name to display a list of stored queries.

RQ022E

DEFAULT STORED QUERY USED

Reason:

The requested report has a default stored query attached to it. This query, whose name displays in the Where field, was used to display the report.

Action:

If you want to display the report without using the default query, you must edit the query and change the Default value to "N". You can also specify a different query for the report.

RQ023E

STORED QUERY *name* NOT FOUND AND NO DEFAULT EXISTS

Reason:

The stored query named does not exist for the requested report. No default query exists for report . The report was displayed without using an extended query.

Action:

Use the information in the message text to resolve the problem.

RQ024E

INVALID VARIABLE USED IN STORED QUERY

Reason:

The stored query you requested is invalid due to an invalid variable in the WHERE clause.

Action:

Edit the query and correct the problem.

RQ025E

INVALID COLUMN NUMBER USED IN STORED QUERY

Reason:

The stored query you requested is invalid because it contains an invalid column number.

Action:

Edit the query and correct the problem.

RQ026E**MORE THAN 15 REPLACEABLE PARAMETERS IN STORED QUERY****Reason:**

The stored query you have specified contains more than 15 replaceable parameters, the maximum allowed number of replaceable parameters.

Action:

Edit the query and correct the problem.

RQ027E**UNABLE TO LOAD STORED QUERY MODULE *module_name*****Reason:**

CA RC/Query attempted to load a module to process a stored query and failed.

Action:

Use the information in the message text to resolve the problem.

RQ028E**NOT ENOUGH STORAGE TO PROCESS STORED QUERIES****Reason:**

There was not enough available storage to process the requested queries.

Action:

Increase your region size and try again.

RQ030E**STORAGE ACQUISITION REQUEST FAILED - APPLICATION CANCELLED****Reason:**

CA RC/Query did not have enough storage, attempted to get more memory, and failed. This could be caused by trying to report on too many items or by a region size that is too small.

Action:

Increase the region size and try again.

RQ031E

ERROR IN SCROLLING ROUTINE

Reason:

An internal error has occurred.

RQ032E

INTERNAL ERROR

Reason:

An internal error has occurred.

RQ033E

INTERNAL ERROR

Reason:

An internal error has occurred.

RQ034E

INVALID COMMAND

Reason:

You have entered an invalid command.

Action:

For a list of valid commands, enter a question mark (?) in the command line and press Enter. This displays Global Command Help, a list of all commands valid from the current screen.

RQ035E

PARAM REQUIRED BY SCROLLING ROUTINE MISSING OR INVALID

Reason:

An internal error has occurred.

RQ036E**STORAGE GETMAIN FAILURE IN SCROLLING ROUTINE****Reason:**

A GETMAIN was attempted and failed because there was not enough available storage or memory.

Action:

Increase the region size.

RQ037E**STORAGE FREEMAIN FAILURE IN SCROLLING ROUTINE****Reason:**

The scrolling routine attempted to free storage and failed.

RQ038E**BAD RETURN FROM ISPF REQUEST IN SCROLLING ROUTINE****Reason:**

The scrolling routine has returned a bad return code from ISPF.

RQ039E**VALID PARM VALUES REQUIRED TO PERFORM PRINT REQUEST****Reason:**

To complete your batch reporting request, CA RC/Query requires you to complete all Profile parameter values. The Profile parameters screen displays so that you can complete your profile.

Action:

Complete your profile and press Enter. The Batch Report Selection panel appears.

RQ040W

QUALIFIERS ALREADY "ON"

Reason:

The QUALIFYON command displays the CREATEDBY column for certain reports. You have entered the QUALIFYON command when Qualify was already turned on (and the CREATEDBY field was displayed).

Action:

This is a warning message. No action is required.

RQ041W

QUALIFIERS ALREADY "OFF"

Reason:

The QUALIFYOFF command hides the CREATEDBY column from certain reports. You have entered the QUALIFYOFF command when Qualify was already turned off (and the CREATEDBY field was hidden).

Action:

This is a warning message. No action is required.

RQ042E

OPERAND REQUIRED

Reason:

You have entered the VLVL command without an operand. You can specify a number of levels by entering VLVL *n*, where *n* is the number of levels. (You can specify up to 999 levels.)

Action:

Enter an operand with the VLVL command.

To view all view levels, enter **VLVL ALL**.

RQ043E**OPERAND TOO LARGE****Reason:**

You have entered the VLVL *n* command, where *n* is greater than 999.

Action:

Specify a number of levels *n* less than or equal to 999.

RQ044E**REQUIRED OPERAND MUST BE NUMERIC OR "ALL"****Reason:**

You have specified an invalid operand for the VLVL command. You can specify a number of levels by entering VLVL *n*, where *n* is the number of levels. (You can specify up to 999 levels.)

Action:

Enter a valid numerical value or the ALL operand.

RQ045I***mdsn* ALLOCATED TO *mddn* WITH DISP *mdisp*****Reason:**

The data set you specified has been allocated for batch reporting. The data set name, dynamic DD name, and disposition are displayed.

Action:

None.

RQ046E**ALLOCATION OF BATCH REPORT DATASET HAS FAILED.****Reason:**

The specified data set could not be allocated.

RQ047E

OPEN OF BATCH REPORT DATASET HAS FAILED

Reason:

The specified data set could not be opened.

RQ048I

BATCH REPORT REQUEST(S) WRITTEN TO BATCH FILE

Reason:

You have selected reports for batch reporting, and then pressed PF3 (End) to process. The Batch Request Submission screen appears, prompting you to submit or cancel the job.

Action:

Press Enter to submit the job. Press PF3 (End) to cancel the submission.

RQ049W

NO BATCH REPORTS REQUESTED

Reason:

You have canceled out of batch reporting without completing any report requests.

Action:

This is a warning message. No action is required.

RQ050E

SPECIFIED FILE DOES NOT HAVE THE REQUIRED LRECL OF 80

Reason:

The batch reporting data set must have a logical record length (LRECL) of 80. The data set you specified has a different LRECL.

Action:

Specify a data set with an LRECL of 80.

RQ051I**TO "UN"SELECT A REPORT REQUEST, REMOVE THE "S" SELECTING IT****Reason:**

You are viewing the reports in SHRINK mode.

Action:

To unselect a report, blank out the "S" that precedes it. All reports with "S" will be included in the batch report request.

RQ052E**TOO MANY OPERANDS****Reason:**

Too many operands were entered for the requested function.

RQ053W**NO REPORTS TO SELECT****Reason:**

The internal CA RC/Query table does not contain any rows due to installation error.

Action:

Check the contents of the table. The CA RC/Query internal table is created by member PTRCQBRS at installation time.

RQ054I**ALL CURRENTLY AVAILABLE REPORT REQUESTS HAVE BEEN SELECTED****Reason:**

You have entered the ALL command to select all reports. Informs you that the ALL command was successful and that all available reports have been selected.

Action:

None.

RQ055E

USER LOCKED; "CREATOR" NOT ALLOWED TO BE SPECIFIED

Reason:

The Product Authorization facility enables administrators to "freeze" IDs. Freezing IDs restricts them to viewing CA RC/Query reports only for objects they created. While in CA RC/Query, a frozen user ID cannot enter information in the Creator or Where fields. Your ID is frozen, so you cannot specify a Creator ID.

Action:

See your administrator for further information.

RQ056W

NO REPORTS TO RESET

Reason:

You entered the RESET command to unselect items, but no items were selected.

Action:

This message is a warning only, and does not indicate a problem.

RQ057I

CURRENT SELECTIONS RESET; "SHRINK" QUEUE NOT AFFECTED

Reason:

You have entered the RESET command to unselect all reports from the Batch Report Selection screen. Informs you that the RESET command has been successful. It also reminds you that the reports already on the SHRINK queue are not affected by the RESET command. (You must unselect them from the SHRINK queue.)

Action:

None.

RQ058I**SELECTED REPORT REQUESTS QUEUED; ENTER "SHRINK" TO VIEW QUEUE.****Reason:**

You have selected reports for batch reporting.

Action:

You can continue to select reports or enter the SHRINK command to view only selected reports. You can also press PF3 (End) to process the reports.

RQ059I**BATCH JOB SUBMITTED****Reason:**

The batch job was successfully submitted to JES.

Action:

None.

RQ060W**BATCH JOB SUBMISSION CANCELLED****Reason:**

You entered the CANCEL command to cancel the batch reporting submission. The Batch Reporting session has been canceled.

Action:

This is a warning message. No action is required.

RQ061E**INTERNAL READER FILE OPEN FAILURE****Reason:**

CA RC/Query attempted to open the internal reader to submit a batch job and encountered an error.

Action:

Check with your z/OS Systems Programmer for possible problems with using your internal reader in your environment.

RQ062E

INTERNAL READER FILE ALLOCATION FAILURE

Reason:

CA RC/Query attempted to allocate the internal reader to submit a batch job and encountered an error.

Action:

Check with your z/OS Systems Programmer for possible problems with using your internal reader in your environment.

RQ063E

UNABLE TO LOAD DB2 PARM MODULE DSNHDECP

Reason:

CA RC/Query was unable to successfully load the DB2 environmental descriptor load module, DSNHDECP. Failure to load this module could be caused by not having the proper DB2 load libraries allocated.

Action:

We recommend that you place the DB2 load library in your LINKLIST. You can do this by updating SYS1.PARMLIB member LNKLISTxx. If you do not want to place this library in your LINKLIST, you must allocate it to your TSO session STEPLIB. To do this, you must update the appropriate TSO LOGON PROC member of your proclib data set. If this is not possible, you can allocate the DB2 loadlib to the ISPLLIB DDNAME prior to entering the ISPF environment.

RQ064E

FUNCTION NOT AVAILABLE FOR DB2 VERSION 1.3 AND BELOW

Reason:

The function you have requested is not available in DB2 V1.3 and below.

Action:

You must use DB2 V2.1 or above to use the requested function.

RQ065W**DATA RETRIEVAL TERMINATED USING ATTENTION INTERRUPT****Reason:**

The ATTN key was pressed while the rows were being retrieved and data retrieval was interrupted.

Action:

This is a warning message. No action is required.

RQ068E**FUNCTION NOT AVAILABLE FOR DB2 VERSION 2.1 AND BELOW****Reason:**

The function you have requested is not available in DB2 V2.1 and below.

Action:

You must use DB2 V2.2 or above to use the requested function.

RQ069I**REMOTE INQUIRY NOT SUPPORTED - LOCAL LOCATION USED****Reason:**

The remote DB2 subsystem is not supported in DDF. The LOCAL location was used instead.

Action:

None.

RQ070E**INVALID MEMBER SPECIFIED - *dzlib*****Reason:**

The DSNZPARMS member you specified is not valid.

Action:

Check with your DB2 Systems Programmer for the correct name.

RQ071E

END OF FILE REACHED ON DATASET *dzlib*

Reason:

CA RC/Query encountered an unexpected end of file in the DSNZPARMS data set.

Action:

Check with your DB2 Systems Programmer for more information.

RQ072E

ALLOCATION OF *dzlib* DATASET HAS FAILED

Reason:

The allocation of the DSNZPARMS data set has failed.

Action:

Check with your DB2 Systems Programmer for more information.

RQ073E

OPEN OF *dzlib* DATASET HAS FAILED

Reason:

The open of the DSNZPARMS data set has failed.

Action:

Check with your DB2 Systems Programmer for more information.

RQ074E

dzlib NOT IN EXPECTED FORMAT

Reason:

The DSNZPARMS data set is not in the expected format.

Action:

Check with your DB2 Systems Programmer for more information.

RQ075E***dzlib* - MEMBER NOT FOUND****Reason:**

The DSNZPARMS member you specified cannot be found.

Action:

Check with your DB2 Systems Programmer for the correct name.

RQ076E**NO SQL GENERATED YET - PLAN NAME OR CREATOR REQUIRED****Reason:**

No SQL statements to process for plan/DBRM.

Action:

Reenter a plan name or creator.

RQ077E**COMMAND REQUESTED IS NOT VALID****Reason:**

The line command requested is not valid.

Action:

Enter a question mark (?) or the menu (M) command in the CMD field to receive a display of valid line commands.

RQ078E**COMMAND REQUESTED IS NOT VALID FOR SELECTED OBJECT****Reason:**

The line command requested is not valid for the selected object.

Action:

Enter a question mark (?) or the menu (M) command in the CMD field to receive a display showing the line's default object and a list of valid line commands.

RQ079E

ITEM NAME IS NOT AVAILABLE

Reason:

The item name for the specified object is not available from this line.

Action:

Enter a question mark (?) or the menu (M) command in the CMD field to receive a display which includes available report objects.

RQ080I

PRESS <ENTER> FOR NEXT LINE COMMAND

Reason:

This message appears after a global command is executed, requesting confirmation that you still want to execute the next line command.

Action:

Confirm your choice of actions.

RQ081I

NEW object STATUS IS *status*

Reason:

Status message resulting from an FSTOP or FSTART line command on any report except the Database Status Display report, which has a status column.

Action:

None.

RQ082E

THE OPTION SELECTED IS NOT AVAILABLE FOR THIS DB2 VERSION

Reason:

The function you have requested is not available for the version of DB2 you are running.

RQ083I**SQID USED AS CREATOR OF PLAN_TABLE.****Reason:**

The Creator field must contain the specific creator name, not SQL selection criteria, and will default to your current SQL ID.

Action:

None.

RQ084I**PLAN_TABLE COLUMNS FOR DB2 VERSION 2.3 NOT FOUND****Reason:**

A PLAN_TABLE must be defined with a 30-column format, as required for DB2 V2.3. Check to see that this has been done.

Action:

None.

RQ085E**CCSID MUST BE NUMERIC****Reason:**

Both the OUTCCSID and INCCSID must be numeric.

Action:

Reenter OUTCCSID and INCCSID as necessary using numeric values.

RQ086I**REPORT CONTAINS number LINE(S)****Reason:**

Indicates the number of lines in the report.

Action:

No action required.

RQ087I

REPORT CONTAINS number LINE(S), IN number FRAME(S)

Reason:

Indicates the number of lines and frames in the report.

Action:

No action required.

RQ088I

REPORT INCOMPLETE, MAXIMUM LINES EXCEEDED.

Reason:

The report was limited due to the MAXLINES setting on the CA RC/Query Profile Variables screen.

Action:

No action required.

RQ089E

FUNCTION REQUIRES SYSTEM CATALOG ALIAS.

Reason:

This report uses the values for CATALIAS and LOCSSID from *high-level.CDBAPARM(SETUP)*.

RQ093E

SORTNUM MUST BE NUMERIC VALUE FROM 1 TO 32

Reason:

The SORTNUM value entered was not a numeric value from 1 to 32.

Action:

You must enter a number between 1 and 32 for the SORTNUM parameter. The default is 3.

RQ094E**DELETE DATE MUST BE IN THE FORM YYMMDD OR *****Reason:**

Your entry in the Delete Date field must be an asterisk (*) for all dates, or a specific date in the format YYMMDD. For example, 940630 refers to June 30, 1994. The default is all (*).

Action:

Enter an appropriate value in the Delete Date field.

RQ095E**OBJECT ENTERED DOES NOT EXIST****Reason:**

You specified a creator or object name that is not valid.

Action:

Enter a different name or press PF3 (End) to return to the previous screen and choose a different object.

RQ096E**PARTITION SPECIFIED IS INVALID****Reason:**

The partition number you entered in the DSNUM or PART field on the RC/Q Line Utilities screen is not applicable for this tablespace or index.

Action:

Enter a different number, or use ALL to select all partitions in the object.

RQ097E**FUNCTION NOT AVAILABLE FOR DB2 VERSION 5.1 AND BELOW****Reason:**

The function you have requested is not available in DB2 V5.1 and below.

Action:

You must use DB2 V5.2 or above to use the requested function.

RQ098I

MATCHCASE IS ON: IT IS CURRENTLY BEING USED

Reason:

Indicates the current status of the Matchcase option is set to ON. All data entered into the screen will be treated as it was entered (lower case or upper case text). No automatic translation to upper case will occur.

The Matchcase option lets you control screen processing regarding the data you enter on the screen.

Action:

No action required.

RQ099I

MATCHCASE IS OFF: IT IS CURRENTLY BEING USED

Reason:

Indicates the current status of the Matchcase option is set to OFF. All data entered into the screen will return objects regardless of whether they are in lower case or upper case.

The Matchcase option lets you control screen processing regarding the data you enter on the screen.

Action:

No action required.

RQ100I

MATCHCASE HAS BEEN ENABLED

Reason:

Indicates that the status of the Matchcase command has been changed to ENABLED (ON). When Matchcase is enabled, it directs the program to accept and process the name of the object or item "as entered." In other words, the program will not translate the name of the object or item to upper case text.

This command only affects the names of the object types that DB2 allows to be entered in mixed case. These object types are tables, indexes, aliases, synonyms, views, and columns. The name for all other objects are automatically converted to upper case text.

Action:

No action required.

RQ101I**MATCHCASE HAS BEEN DISABLED****Reason:**

Indicates that the status of the Matchcase command has been changed to DISABLED (OFF). When Matchcase is disabled, it directs the program to accept and process the name of the object or item “as entered.” However, the program will return all values that match the name of the object regardless of case. The program will not translate the name of the object or item to upper case text. The functional provided will require added time to process the objects.

This command only affects the names of the object types that DB2 allows to be entered in mixed case. These object types are tables, indexes, aliases, synonyms, views, and columns. The name for all other objects are automatically converted to upper case text.

Action:

No action required.

RQ102I**MATCHCASE HAS BEEN SET TO CAPS ONLY****Reason:**

Indicates that the status of the Matchcase command has been set to CAPS ONLY (CAPS). When Matchcase is set to caps only, it directs the program to convert the name of the object or item to upper case text. The program will then process with the converted value.

This command only affects the names of the object types that DB2 allows to be entered in mixed case. These object types are tables, indexes, aliases, synonyms, views, and columns. The name for all other objects are automatically converted to upper case text.

Action:

No action required.

RQ103E

INVALID MATCHCASE COMMAND. VALID VALUES ARE ON\OFF\CAPS

Reason:

Indicates that an invalid Matchcase command has been entered.

Action:

Valid options are as follows:

- ON-Process the object or item name “as entered.” Case sensitivity will apply when creating or processing objects.
- OFF-Process the object or item name “as entered.” However, return all objects or item names that match entry regardless of case.
- CAPS-(Default) Process the object or item name as upper case. All objects or item names will be converted to upper case. Case sensitivity will apply when creating or processing objects.

If you omit the option, the current status of the Matchcase command displays.

RQ104I

MATCHCASE IS CURRENTLY ENABLED

Reason:

Indicates that the current status of the Matchcase command is ENABLED (ON). When Matchcase is enabled, it directs the program to accept and process the name of the object or item “as entered.” In other words, the program will not translate the name of the object or item to upper case text.

This command only affects the names of the object types that DB2 allows to be entered in mixed case. These object types are tables, indexes, aliases, synonyms, views, and columns. The name for all other objects are automatically converted to upper case text.

Action:

No action required.

RQ105I**MATCHCASE IS CURRENTLY DISABLED****Reason:**

Indicates that the current status of the Matchcase command is DISABLED (OFF). When Matchcase is disabled, it directs the program to accept and process the name of the object or item “as entered.” However, the program will return all values that match the name of the object regardless of case. The program will not translate the name of the object or item to upper case text. The functional provided will require added time to process the objects.

This command only affects the names of the object types that DB2 allows to be entered in mixed case. These object types are tables, indexes, aliases, synonyms, views, and columns. The name for all other objects are automatically converted to upper case text.

Action:

No action required.

RQ106I**MATCHCASE IS CURRENTLY SET TO CAPS ONLY****Reason:**

Indicates that the current status of the Matchcase command is set to CAPS ONLY (CAPS). When Matchcase is set to caps only, it directs the program to convert the name of the object or item to upper case text. The program will then process with the converted value.

This command only affects the names of the object types that DB2 allows to be entered in mixed case. These object types are tables, indexes, aliases, synonyms, views, and columns. The name for all other objects are automatically converted to upper case text.

Action:

No action required.

RQ107E

ROUTINE REPORTS ARE VALID ONLY ON DB2 VERSION 6 AND GREATER

Reason:

Indicates the current report or group of reports you have selected are not valid on your DB2 subsystem.

Action:

The routine group of reports are only valid on DB2 V6 and greater subsystems. With the advent of DB2 V6, a new catalog table named SYSIBM.SYSROUTINES was added to track user-defined functions and stored procedures. These reports display information from the new catalog table.

RQ112E

Error trying to save the customized report

Reason:

An error occurred during an attempt to edit and save a customized report. A possible reason is that the user has no GRANT authority for the PTRCQ_SAVED_RPTS report table, which is where a customized report would be saved.

Action:

Consult your system administrator.

RQ114E

ERROR RETRIEVING CUSTOMIZED REPORT FORMAT, STANDARD FORMAT USED.

Reason:

When the profile variable is set to display CA RC/Query reports using customized report formats, CA RC/Query must retrieve information describing the customized report format.

An error occurred in the retrieval process, forcing CA RC/Query to display the current report using the standard report format. The error is generally an SQL error or storage acquisition error.

Action:

Ensure that the CA RC/Query customized report table is available.

RQ121W

The specified input data set name is not cataloged. The input data set must be cataloged unless USE THESE OPTIONS FOR ALL SELECTED OBJECTS is YES.

Reason:

RQ121W is a warning message that indicates the supplied INPUT DATASET parameter name is not cataloged.

If USE THESE OPTIONS FOR ALL SELECTED OBJECTS is YES, the catalog is not verified at this stage as multiple objects are processed. Verify the generated JCL to ensure that the correct input data sets are used.

Action:

Enter a cataloged data set name. When entering the data set name, do not use quotation marks.

RQ122E

INPUT DATASET IS REQUIRED FOR THE LOAD UTILITY.

Reason:

Specify the INPUT DATASET parameter name to generate the IBM DB2 LOAD utility JCL.

The INPUT DATASET parameter is used as the input to the LOAD utility. The data set name that is specified for this parameter is used as the SYSREC data set name.

If NULLFILE or DUMMY is entered, the tablespace is empty and the data set name in SYSREC is set to NULLFILE.

Action:

Enter a valid data set name.

RQ129W

The line command uses the system catalog when ACM is ON.

Reason:

The command you specified utilizes the system catalog and may not reflect the current ACM contents.

Action:

This is a warning message. No action is required.

RQ137W

DDL incomplete - procedure body not available or not current.

Reason:

The generated DDL is missing the SQL procedure body statement.

Stored procedures can be defined by SQL in the DB2 system catalog or by external sources. In this case, the original source and options of the SQL stored procedure were not available or were not current in the catalog.

Action:

Rebuild the stored procedure from the external source.

RQ138W

SQL stored procedure needs to be built using SP Builder.

Reason:

The original source and options of the SQL stored procedure are available and current in the DB2 system catalog. However, running the SQL using the Batch Processor or SQL Processing Using File Input (SPUFI) might result in errors.

Action:

Use IBM Stored Procedure Builder to ensure proper stored procedure creation.

RQ139W

Procedure contains a TABLE parameter, user must supply name.

Reason:

A parameter has been defined on the CREATE PROCEDURE statement using a table whose name cannot be resolved from the information stored in the catalog. A placeholder has been added to the DDL generated {<creator>.<name>} for replacement with a resolvable table name.

Action:

Provide a resolvable table name before executing the DDL.

RQ143E**Alter or Drop command not allowed for SEQTYPE I or X Sequence****Reason:**

The alter or drop line command is not valid for sequences of SEQTYPE I or X. These sequences are system generated and can only be dropped when the identity column of the matching table is dropped or the matching DOCID column of a base table that contains XML data is being dropped.

Action:

To drop these sequences, drop the columns that caused the system generated sequence.

RQ155I**Grant/Revoke initiated from RC/Query with ACM On, press F1 for help!****Reason:**

A Grant or Revoke on an object has been initiated from CA RC/Query and enacted through CA RC/Secure.

ACM was set to ON in CA RC/Query; however, CA RC/Secure does not support ACM. CA RC/Secure cannot find objects when they exist in the ACM catalog rather than in the subsystem catalog.

Action:

In CA RC/Query, set ACM to OFF and try again.

RQ156I**Location jumping not supported - current connection location used.****Reason:**

If an attempt was made to connect to a remote location, RCQ does not support dynamic location switching.

Action:

Be aware that the current connection location is used.

RQ157I

Only Non-Versioned Packages reported, use % in VERSION for all.

Reason:

The report has been generated for non-versioned packages only.

Action:

If a report with all possible versions of the packages is desired, change the Version selection header field from an asterisk (*) to a percent sign (%).

RQ158W

Altered SQL Procedure, DDL generation from SYSIBM.SYSROUTINES

Reason:

This message is issued when a DDL command is issued for a SQL procedure where we find the original text in SYSIBM.SYSROUTINES_SRC, but this procedure has been altered since creation.

SYSIBM.SYSROUTINES_SRC does not contain the alterations.

Action:

The DDL is generated from SYSIBM.SYSROUTINES and from SYSIBM.SYSROUTINES_SRC and indicate by this message from which table it is generated.

RQ159W

SQL Procedure, DDL generation from SYSIBM.SYSROUTINES_SRC

Reason:

This message is issued when a DDL command is issued for an SQL procedure where we find the original text in SYSIBM.SYSROUTINES_SRC, but this procedure has been altered since creation.

SYSIBM.SYSROUTINES_SRC does not contain the alterations.

Action:

The DDL is generated from SYSIBM.SYSROUTINES and from SYSIBM.SYSROUTINES_SRC and indicate by this message from which table it is generated.

RQ160W

Limitkeys could not be accurately determined, manual validation is advised.

Reason:

In a Decimal-is-Comma system, the decimal point and the comma separator may conflict and result in inaccurate limit key values.

Action:

Manually check the accuracy of the limit key values.

RQ161I

NULLFILE WILL EMPTY THE TABLESPACE. PRESS <enter> TO CONTINUE.

Reason:

NULLFILE has been entered in the LOAD INPUT-DATASET field. This value empties the tablespace.

Action:

If the intended action was to empty the tablespace, press <enter>. NULLFILE sets the data set name in SYSREC to NULLFILE. Otherwise, erase NULLFILE from the LOAD INPUT-DATASET field and specify a valid data set name.

RQ162I

DUMMY WILL EMPTY THE TABLESPACE. PRESS <enter> TO CONTINUE.

Reason:

DUMMY has been entered in the LOAD INPUT-DATASET field. This value empties the tablespace.

Action:

If the intended action was to empty the tablespace, press <enter>. DUMMY is processed as if NULLFILE was entered in the INPUT-DATASET field. This value sets the data set name in SYSREC to NULLFILE. Otherwise, erase DUMMY from the INPUT-DATASET field and specify a valid data set name.

RQ163E

Parameter must be present along with ALL command.

Reason:

A valid parameter (like DDL, HDDL) must be specified with the ALL command.

Action:

To execute the ALL command, include a valid line command.

RQ812E

UNICODE conversion error. Contact CA Technical Support.

Reason:

Indicates that a problem exists in the values detected stemming from the earlier UNICODE conversion.

Action:

Contact Technical Support to review possible problems with the UNICODE conversion.

RQ813W

Index based on expression. Use DDL command to see Index definition.

Reason:

One of the columns in the report is part of an index that is based on an expression. This report does not support indexes based on an expression.

Action:

To view the correct index column sequence, use the DDL command on the appropriate index to see the index definition.

RQ815E

An error occurred in attempting to display the object text.

Reason:

The Detail report encountered an error in attempting to display the object text in a DB2 V10 or higher system.

Action:

Confirm that the object text exists using the DDL command or checking the DB2 catalog.

RQE Messages

Messages with the RQE prefix are generated from CA RC/Query during execution of the HDDL line command.

RQE02001I

&OP COMPLETED. RC=&RCDE.,&RSN1.,&RSN2..

Reason:

The requested operation has completed with the return and reason codes shown.

Action:

None. This message is informational only.

RQE02005W

MISSING OR INVALID SSID (&SSID)

Reason:

The DB2 subsystem ID is requested and was missing or undefined. The value that was given appears in the message text.

Action:

Supply a one through four character subsystem ID (SSID) value as defined in the *hlq.CDBAPARM(SETUPxx)* member.

RQE02006W

LOCATION SPECIFIED IS UNDEFINED (&LOC)

Reason:

The DB2 location value specified was not defined for the subsystem. The value that was given appears in the message text.

Action:

Supply a defined location value. For local access, specify LOCAL or let it default to LOCAL.

RQE02008W

MISSING OR INVALID KEYWORD: &KW '&VAL.'

Reason:

A keyword or value that is specified in PARMFILE was required and is missing or was not recognized as valid.

Action:

Correct the missing or invalid keyword and its value.

RQE02010W

ACMID "&ACMID" IS UNDEFINED FOR &SSID..

Reason:

The Alternate Catalog Mapping (ACM) specified is not defined for the given DB2 subsystem.

Action:

To use alternate catalog access, specify a defined ACMID. You can define ACMIDs using the Alternate Catalog Mapping Services dialog online.

RS Messages

Messages with the RS prefix are generated from CA RC/Secure.

RS001E

CLASS TYPE REQUIRED - ENTER "S" OR "A" IN FRONT OF A CLASS

Reason:

You must select an Object Class.

Action:

Use S to select the object class, and then select individual authority types. Use A to select the object class and automatically select all authority types.

RS002E**ONLY ONE CLASS CAN BE SELECTED****Reason:**

You have selected more than one Object Class.

Action:

You can only select one object class at a time for Grants and Revokes. You must blank out any additional classes.

RS003E**CLASS CODE MUST EQUAL "S" OR "A"****Reason:**

The only valid selection codes for Object Classes are S and A.

Action:

Use S to select the object class, and then select individual authority types. Use A to select the object class and automatically select all authority types.

RS004E**OPTION MUST BE EITHER (G)GRANT, (R)EVOKE, (L) LOG, (C)OPY, OR (D) DELETE****Reason:**

You must specify a valid Grant/Revoke Services option.

Action:

Valid options are as follows:

- C-Copy
- D-Delete
- G-Grant
- L-Log Display
- R-Revoke

RS005E

EQF - WHERE FIELD MUST BE Y, S, N, OR BLANK

Reason:

The Where fields are used to indicate which query should be used in obtaining the selection list.

Action:

You can enter Y (yes), S (select), N (no), or blank in the first, 1-character Where field. In the second, 8-character Where field, you can enter a 1 to 8 character query name or leave it blank. See the following combinations:

- Y/blank-Edit a temporary query.
- Y/name-Edit an existing query.
- S/blank-Select a query from list.
- N/blank-Use the default query.
- blank/blank-Use the default query.
- blank/name-Will not use the default query.

RS006E

PRIVILEGES SELECTED ARE MUTUALLY EXCLUSIVE, SELECT ONLY ONE

Reason:

The privileges you selected cannot be specified together because they work against each other.

For example, the UPDATE authority allows access to *all columns* in a table while the UPDATEC authority allows access only to *specified columns*. You cannot specify both because they are mutually exclusive.

Action:

Resubmit, selecting only one privilege.

RS007E**STORAGE ALLOCATION ERROR - UNABLE TO CONTINUE PROCESSING****Reason:**

CA RC/Secure has detected an out-of-memory condition and is unable to continue the requested processing.

Action:

Allocate more memory to the current TSO session to resolve this problem.

RS008E**SQL INTERNAL ERROR - RETURN CODE => sql_error****Reason:**

DB2 has encountered the specified SQL error.

Action:

See the IBM *DB2 Messages and Codes* manual for more information.

RS009E**UP REQUEST IGNORED - ALREADY AT TOP****Reason:**

You have reached the top of a scrollable display.

Action:

No action required.

RS010E**INVALID SELECTION CODE USED, VALID CODE IS "S"****Reason:**

You tried to select a privilege Type using something other than S.

Action:

Enter S as your selection code.

RS011E

ONE TYPE MUST BE SPECIFIED BY PLACING "S" IN FRONT OF A TYPE

Reason:

You must select at least one privilege Type to continue.

Action:

Enter S next to each Type you want to select. For Grant and Revoke, you can select only one Class.

RS012E

PRESS ENTER TO PROCESS

Action:

You must press the Enter key to process your selection(s). Otherwise, enter CANCEL to leave the screen without completing the process.

RS013E

INVALID GRANTEE CODE, VALID CODES ARE "G" OR "S"

Reason:

You can select grantees with G (GRANT WITH GRANT OPTION) or S (GRANT) only. G is not valid when you are granting to PUBLIC.

Action:

Enter an appropriate Grantee code.

RS014E

INVALID OBJECT CODE, VALID CODES ARE "S" OR "?"

Action:

- Enter S to select objects on which the selected privileges will be granted.
- Enter ? to display more detailed error information on any grant that ended in an error (these objects will have E displayed next to the option field). If you enter ? for an entry that did not end in an error, the Message field displays: No error information.

RS015E**THE "WITH GRANT OPTION" IS NOT ALLOWED WHEN TYPE UPDATEC IS SELECTED****Reason:**

DB2 does not allow the UPDATE COLUMN to be granted WITH GRANT OPTION.

Action:

You must use the S option to select the grantees.

RS016E**SQL STATEMENT MUST BEGIN WITH AN "AND" OR "OR" CONJUNCTION****Reason:**

When you enter a selection statement, you are actually extending the internal SQL statement's SQL WHERE clause. You are entering a portion of the WHERE statement that defines the objects you want.

If multiple tables are displayed in the TABLES SELECTED header, the first word of your SQL statement must be AND. You should enclose any ORs within parentheses so that they are processed first.

Action:

Reenter your SQL statement using AND or OR.

RS017E**THE "WITH GRANT OPTION" IS NOT ALLOWED FOR GRANTEE "PUBLIC"****Reason:**

DB2 does not allow any privilege to be granted to PUBLIC WITH GRANT OPTION.

Action:

You must use the S option to select PUBLIC.

RS018E

INVALID OBJECT CODE, VALID CODES ARE "R", "S", OR "?"

Reason:

You entered an invalid object code.

Action:

- Enter S to revoke the privileges.
- Enter R to perform Revoke Impact Analysis.
- Enter ? to display more detailed error information on any revoke that ended in an error (these objects will have E displayed next to the option field). If you enter ? for an entry that did not end in an error, the Message field displays: No error information.

RS019E

UPDATEC/REFERCOL TYPE IS NOT ALLOWED FOR REVOKE

Reason:

DB2 does not let you revoke the UPDATE or REFERENCES privileges on a column basis (UPDATEC, REFERCOL).

Action:

You must revoke the UPDATE or REFERENCES privileges on the table level. Use UPDATE instead of UPDATEC.

RS020I

GRANT(S) COMPLETED

Reason:

The grants you selected were processed.

Action:

No action required.

RS021E

SQL ERROR -> sql_error

Reason:

DB2 has encountered the specified SQL error.

Action:

See the IBM *DB2 Messages and Codes* manual for more information.

RS022I

NO ERROR INFORMATION

Reason:

The process you selected was performed successfully. There were no errors encountered.

Action:

No action required.

RS023I

GRANT WOULD COMPLETE

Reason:

Other errors prevented Grants from being executed. However, this Grant would have completed without errors.

RS024E

CANNOT GRANT TO YOURSELF, DO NOT SELECT YOUR OWN ID

Reason:

You selected your current SQL ID to grant privileges to. DB2 does not allow an ID to grant privileges to itself.

Action:

Un-select your ID.

RS025E

GRANTS NOT COMPLETED, *sql_error*. ERROR(S) OCCURRED DURING GRANTS

Reason:

The number of errors that occurred during the grant is *sql_error*. All grants that were not completed will have E displayed next to the line command area.

Action:

Use the ? line command on the entries that were not completed to help diagnose the problem.

RS026E

REVOKE OPTION INVALID, VALID VALUES ARE (Y)YES OR (N)NO

Reason:

On the Revoke Impact Analysis panel, you can process the revoke by entering Y in the Revoke prompt or cancel the revoke by entering N in the Revoke prompt. You tried to enter another option.

Action:

Enter Y or N.

RS027E

REVOKES NOT COMPLETED, *sql_error*. ERROR(S) OCCURRED DURING REVOKES

Reason:

The number of errors that occurred during the revoke is *sql_error*. All revokes that were not completed will have E displayed next to the line command area.

Action:

Use the ? line command on the entries that were not completed to help diagnose the problem.

RS028I**REVOKE NOT SELECTED (FROM IMPACT ANALYSIS) - NO REVOKES PERFORMED****Reason:**

You did not enter a Y in the Revoke field on the Revoke Impact Analysis screen, so no revokes were performed.

Action:

None.

RS029E**CANNOT SPECIFY INDIVIDUAL AUTHORIZATION AND ALL AUTHORIZATIONS****Reason:**

You cannot specify both individual authorization and authorization for all items.

Action:

Enter S or A, but not both.

S-Select individual items

- A-Select all items

RS030I**ALL GRANTS SUCCESSFUL, PRESS <ENTER> TO CONTINUE****Reason:**

All requested grants were successfully executed for the IDs/objects listed below.

Action:

Press Enter to continue and to return the full ID and Object lists.

RS031I**REVOKES ATTEMPTED, REVIEW MESSAGES BELOW, PRESS <ENTER> TO CONTINUE****Reason:**

Review the messages displayed in the Message field of the Revoke screen for more information on whether your revokes were processed.

Action:

To get more information about an error message, enter ? in the line command area.

RS033E

CANNOT SELECT ITEM AND INDIVIDUAL AUTHORIZATIONS FOR REVOKE

Reason:

When revoking privileges, you can select all privileges for an object by selecting the object, or select individual privileges.

Action:

For each object, you can select the object (and all privileges) or individual privileges. You cannot select both.

RS034E

ONLY ONE TYPE CAN BE SELECTED FOR "USE" CLASS

Reason:

Only one Type can be selected for the Use Class because each Type is a different type of DB2 Object (Bufferpool, Tablespace, Storage Group). Therefore, different object lists will be built, depending on the Type selected.

Action:

Select one type for USE class and resubmit.

RS035E

NO AUTHORIZATION TO VIEW LOG ENTRIES

Reason:

You do not have authority to do a SELECT on the log tables PTI.PTLOG_MAIN_1500 and PTI.PTLOG_SEC_0102.

Action:

Check with your administrator before proceeding.

RS036E**INVALID GRANTEE CODE, VALID CODES ARE "G," "S," OR "?"****Reason:**

You entered an invalid code in the Grantee field.

Action:

Valid codes are as follows:

- G-GRANT WITH GRANT OPTION
- S-GRANT
- ?-Display information on errors

RS037I**REVOKE COMPLETED****Reason:**

The revoke(s) you selected were completed successfully.

Action:

This message displays for your information only. No action required.

RS038I**REVOKE WOULD COMPLETE****Reason:**

Other errors prevented Revokes from being executed. However, this Revoke would have completed without errors.

Action:

No action required.

RS039E

YOU MUST SELECT A LOG ID

Reason:

You must select a Log ID for the Log Display to work.

Action:

Select GRS to display log entries created by Grant/Revoke Services. Select SRS to display log entries created by Security Request Services. You can select or both.

RS040E

GETMAIN ERROR

Reason:

A GETMAIN request has failed due to lack of memory.

Action:

Increase your region size.

RS041E

INVALID RETURN CODE FROM DISPLAY - RETURN CODE: *ret_code*

Reason:

Parameter list error occurred.

RS042E

MUST SPECIFY GRANTEE FIELD

Reason:

There is no specification in the GRANTEE field.

Action:

You must enter an ID in the Grantee field. You can enter selection criteria to display a list of matching IDs.

RS043E**INVALID LOG ID CODE, THE VALID CODE IS "S" TO SELECT****Reason:**

You entered an invalid Log ID selection code.

Action:

To select a Log ID, enter S next to the ID(s) you want to select.

RS044E**INVALID START DATE SPECIFIED****Reason:**

The Log Display start date specifies the date the user wants to be the earliest log date to be displayed.

Action:

The date must be entered in the following format: YY/MM/DD. (Include the slashes.)

RS045E**INVALID START TIME SPECIFIED****Reason:**

The Log Display start time specifies the time the user wants to be the earliest log time to be displayed.

Action:

The time must be entered in the following format: HH:MM. (Include the colon.)

RS046E**INVALID STOP DATE SPECIFIED****Reason:**

The Log Display stop date specifies the date the user wants to be the latest log date to be displayed.

Action:

The date must be entered in the following format: YY/MM/DD. (Include the slashes.)

RS047E

INVALID STOP TIME SPECIFIED

Reason:

The Log Display stop time specifies the time the user wants to be the latest log time to be displayed.

Action:

The time must be entered in the following format: HH:MM. (Include the colon.)

RS048E

START DATE MUST BE BEFORE STOP DATE

Reason:

The Log Display start and stop dates control entries displayed by providing a range of dates that the entries must match.

Action:

The start date must be before the stop date for the range of dates to be valid.

RS049E

EQF (WHERE = 'Y' OR 'S') IS NOT APPROPRIATE FOR THIS CLASS/TYPE

Reason:

This message displays when of the following occurs:

- For grant SYSTEM, because there are no objects to select.
- For grant USE of BUFFERPOOL, because there are only four different bufferpool names.

Action:

Use the information in the message text to resolve the problem.

RS050E**CREATETMTAB NOT ALLOWED IN DB2 VERSION EARLIER THAN V5.1.****Reason:**

The system privilege CREATETMTAB is supported only by DB2 V5.10 or later. You cannot use these privileges if you are using a previous version of DB2.

Action:

No action required.

RS051E**CREATEALIAS NOT ALLOWED IN DB2 VERSIONS EARLIER THAN V2.2****Reason:**

The CREATEALIAS privilege is supported by DB2 V2.2 and above. You cannot use these privileges if you are using a previous version of DB2.

Action:

No action required.

RS052I**CURRENT SQLID CHANGED WHILE WITHIN ANOTHER PRODUCT - MAKE SELECTIONS****Reason:**

The program has detected that a SET CURRENT SQLID command was issued while the user was in another CA product. The new current SQL ID is carried over to CA RC/Secure. The object list has been rebuilt to reflect the new current SQLID's authorities.

Action:

No action required.

RS053E**LINK TO PTLGLBL (TO PROCESS COMMAND) FAILED****Reason:**

The program needs to link PTLGLBG to process the SET command. PTLGLBL was not found in the PTILIB DD libraries.

Action:

Ensure that the load module is available in the PTILIB DD.

RS054E

YOU ARE NOT ALLOWED TO REGRANT USING THE HIGHLIGHTED GRANTOR

Reason:

You have requested to regrant authorities using an ID that you are not authorized to use. The Grantor ID must be your primary ID, one of your secondary IDs, or you must have SYSADM authority.

Action:

Check with your administrator before proceeding.

RS055I

THE FOLLOWING GRANTS ARE TO BE REDONE

Reason:

The list of authorities displayed will be regranted. The list was compiled when you entered new Grantor IDs on the Revoke Impact Analysis screen, and specified YES for Revoke. The authorities will be regranted using the new Grantor ID, recreating the authority and its dependent authorities that were revoked.

Action:

No action required.

RS056W

CASCADE REGRANTS CANCELLED - REVOKES WERE ALSO CANCELLED

Reason:

You requested to cancel regrants when the list of authorities to be regranted was displayed. The regrants, along with the requested revokes, were canceled.

Action:

This is a warning message. No action is required.

RS057E**HIGHLIGHTED GRANTORS ARE NOT ALLOWED TO GRANT THIS PRIVILEGE****Reason:**

The highlighted Grantor IDs do not have authority to grant the specified privileges. The grantor ID must hold the authority WITH GRANT OPTION or be a SYSADM. GRS does not let you bypass DB2 security.

Action:

Check with your administrator before proceeding.

RS058E**COPY FROM AUTHID MUST BE PRESENT****Reason:**

The ID of the person whose authorities will be copied must be specified in the Copy From Authid field.

Action:

Specify the appropriate ID in the Copy From Authid field.

RS059E**COPY FROM DB2ID MUST BE PRESENT****Reason:**

The ID of the DB2 subsystem of the authority to be copied must be specified in the Copy From DB2ID field.

Action:

Specify the appropriate ID in the Copy From DB2ID field.

RS060E**GRANT TO AUTHID MUST BE PRESENT****Reason:**

The ID of the person who will be granted the authorities must be specified in the Grant To Authid field.

Action:

Specify the appropriate ID in the Grant From Authid field.

RS061E

GRANT TO SSID MUST BE PRESENT.

Reason:

A DB2 subsystem ID must be specified in the Grant To SSID field.

Action:

Specify an appropriate DB2 subsystem ID in the Grant To SSID field.

RS062E

COPY FROM AND GRANT TO CANNOT BE THE SAME.

Reason:

The authid/SSID/location you entered in the Copy From Authid field are the same authid/SSID/location that were entered in the Grant To Authid field.

Action:

You must enter different authids in these fields.

RS063E

TYPE MUST BE PRESENT WHEN NAME OR QUALIFIER IS ENTERED

Reason:

There is no specification for TYPE.

Action:

You must specify a type when a name or qualifier is entered.

RS064E

LOAD FOR RSLCOPY FAILED. MAY BE MISSING FROM PTILIB.

Reason:

The load for RSLCOPY did not work. RSLCOPY may be missing from the PTILIB library.

Action:

Add the RSLCOPY module to the PTILIB library. Contact your System Administrator for assistance.

RS065E**VALID LINE COMMANDS ARE E, S, D, AND ?****Reason:**

You have entered an invalid line command.

Action:

Valid commands are as follows:

- E-Explode out authorities for the object.
- S-Remove authorities from display.
- D-Remove the object from being granted.
- ?-Display SQL error description.

RS066E**VALID LINE COMMAND IS D****Reason:**

A line command other than D was entered.

Action:

The only valid line command is D, remove privilege or column name so it is not granted.

RS067E**GRANT TO AUTHID MUST BE DIFFERENT THAN SQLID****Reason:**

The authid entered in the Grant To Authid field cannot be the same as the SQLID that displays on the screen. enter a different authid in the Grant To Authid field or change the SQLID. To change the SQLID, type this in the command line:

Action:

SET SQLID authid

RS068E

FOR SYSTEM AND BUFFERPOOL QUALIFIER MUST BE BLANK

Reason:

A value was entered for SYSTEM and BUFFERPOOL.

Action:

The qualifier must be omitted for SYSTEM and BUFFERPOOL.

RS069E

YOU ENTERED AN INVALID TYPE.

Reason:

An invalid TYPE was entered.

Action:

Valid object types are the following:

- BP-Bufferpool
- DB-Database
- P-Plan
- PK-Package
- SG-Storage Group
- SY-System
- T-Table
- TS-Tablespace

RS070E

PACKAGES ONLY SUPPORTED BY DB2 V2.3 OR GREATER

Reason:

You are attempting to use the Package class or object type when you do not have DB2 V2.3 or greater. You must have DB2 V2.3 or greater to use Packages.

Action:

Select a different class or object type.

RS071E**ARCHIVE ONLY SUPPORTED BY DB2 V2.3 OR GREATER****Reason:**

You are attempting to use the ARCHIVE authority type with the SYSTEM class, but your DB2 version is not DB2 V2.3 or greater.

Action:

You must have DB2 V2.3 or greater to use the ARCHIVE authority. Select a different class or authority.

RS072E**BINDAGENT ONLY SUPPORTED BY DB2 V2.3 OR GREATER****Reason:**

You are attempting to use the BINDAGENT authority type with the SYSTEM class, but your DB2 version is not V2.3 or greater.

Action:

You must have DB2 V2.3 or greater to use the BINDAGENT authority. Select a different class or authority.

RS073E**SYSCTRL ONLY SUPPORTED BY DB2 V2.3 OR GREATER****Reason:**

You are attempting to use the SYSCTRL authority type with the SYSTEM class, but your DB2 version is not V2.3 or greater.

Action:

You must have DB2 V2.3 or greater to use the SYSCTRL authority. Select a different class or authority.

RS074E

CREATEIN OR PACKADM CAN'T BE SELECTED WITH EXECUTE, BIND, OR COPY.

Reason:

The CREATEIN and PACKADM authorities are for Collections and cannot be selected in combination with any other authority. EXECUTE, BIND, and COPY are Package authorities.

Action:

Respecify your authorities and try again.

RS075E

SYSCTRL AUTHORITY CANNOT GRANT EXECUTE ON A PLAN OR PACKAGE

Reason:

The SYSCTRL authority cannot be used to grant EXECUTE authority on a Plan or Package.

Action:

Contact your System Administrator for assistance.

RS076E

SYSCTRL AUTHORITY CANNOT GRANT DBADM ON A DATABASE

Reason:

The SYSCTRL authority cannot be used to grant DBADM authority on a Database.

Action:

Contact your System Administrator for assistance.

RS077E

SYSCTRL AUTHORITY CANNOT GRANT SYSADM AUTHORITY

Reason:

The SYSCTRL authority cannot be used to grant SYSADM authority.

Action:

Contact your System Administrator for assistance.

RS078E**WITH GRANT OPTION NOT VALID WITH BINDAGENT****Reason:**

You selected the BINDAGENT authority for the SYSTEM class, indicating you want the authority granted with the WITH GRANT OPTION. However, the BINDAGENT authority cannot be granted with the WITH GRANT OPTION.

Action:

Change your selection code from G (grant authority WITH GRANT OPTION) to an S (grant authority) and try again.

RS079E**REVOKE FROM AUTHID MUST BE PRESENT****Action:**

You must specify an authorization ID for the REVOKE FROM field.

RS080E**REVOKE FROM DB2ID MUST BE PRESENT****Action:**

You must specify a DB2 subsystem ID for the REVOKE FROM field.

RS081E**LOAD FOR RSLREVA FAILED. MAY BE MISSING FROM PTILIB.****Reason:**

The RSLREVA member, which is accessed when you revoke all authorities, could not be loaded. It may be missing from the PTILIB.

Action:

Contact your Systems Administrator for assistance.

RS082E

REVOKE FROM AUTHID MUST BE DIFFERENT THAN SQLID

Reason:

You cannot use the same user ID for the SQLID and the REVOKE FROM auth ID.

Action:

Change the SQLID or enter a different auth ID in the REVOKE FROM field.

RS083E

VALID LINE COMMANDS ARE E, S, D, R AND ?

Reason:

You are trying to enter a code that is not valid.

Action:

The valid line commands are as follows:

- E-Explode authorities for object
- S-Remove authorities from display
- D-Remove object from being revoked
- R-Perform Revoke Impact Analysis
- ?-Display SQL error description

RS084E

VALID LINE COMMANDS ARE D AND R

Reason:

You are trying to enter a code that is not valid.

Action:

The valid line commands are as follows:

- D-Remove authority or column from being revoked
- R-Perform Revoke Impact Analysis

RS085E**VALID LINE COMMAND IS ?****Reason:**

You are trying to enter a code that is not valid.

Action:

The only valid line command is a question mark (?), which displays an SQL error description.

RS086E**A RESET MUST BE DONE BEFORE A COLLAPSE CAN BE PERFORMED****Reason:**

The grantor fields cannot be changed if a collapse is to be performed.

Action:

The RESET command must be issued before the collapse can be performed.

RS087I**NO REGRANTS TO BE PERFORMED****Reason:**

A regrant was requested, but there is nothing to regrant.

Action:

No action required.

RS088I**NON-SYSADMS AND NON-SYSCTLs CAN ONLY REVOKE AUTHS THEY GRANTED****Reason:**

Your current SQLID is not a SYSADM or a SYSCTL. Therefore, you can only revoke the authorities that your current SQLID has granted.

Action:

No action required.

RS089E

COLLAPSE AFTER REVOKE MUST BE Y (YES) OR N (NO)

Reason:

You are trying to enter something other than Y (Yes) or N (No) in the Collapse After Revoke field.

Action:

The only valid entries are Y and N.

RS090I

CURRENT SQLID DOES NOT HAVE ANY AUTHORITY TO DO GRANTS

Reason:

The current SQLID does not have any authority (it does not have SYSADM, or SYSCTL authorities, or it has not been granted any authorities with the grant option) to do grants.

Action:

Contact your system administrator.

RS091I

ALL GRANTS SUCCESSFUL, PRESS <PF3> TO CONTINUE

Reason:

The grants you specified completed successfully.

Action:

To continue, press <PF3>.

RS092I**REVOKES ATTEMPTED, REVIEW MESSAGES BELOW, PRESS <PF3> TO CONTINUE****Reason:**

The program attempted to perform the revoke you specified, but errors prevented the successful completion of the revoke. You can scroll down through the list to review the error messages for each error.

Action:

To get more information about an error message, enter a '?' in the Operation field and press Enter. The program will display an SQL Error Message panel with the long version of the error message.

RS093I**GRANTS ATTEMPTED, REVIEW MESSAGES BELOW****Reason:**

The grant authority requests you submitted were processed, but one or more requests resulted in a warning. Message RS094I will appear in the body of the screen.

Action:

No action required.

RS094I**SQL WARNING ->****sql_code****Reason:**

SQL error *sql_code* occurred during processing. This message appears beside the item in the selection list that generated the warning. In addition, the letter W appears in the selection field to the left of the item.

Action:

No action required.

RS095E

REFERENCES ONLY SUPPORTED BY DB2 V4.1 OR GREATER.

Reason:

The table privilege, REFERENCES, is supported only by DB2 V4 or later.

Action:

No action required.

RS097

INVALID COMMIT INTERVAL, MUST BE 5 OR LESS

Reason:

An invalid value was specified for commit interval on the batch job.

Action:

Specify a value between 0 and 5 for commit interval.

RS100I

YOUR CHANGES HAVE BEEN CANCELLED

Reason:

You entered the CANCEL command, which was successfully executed. The CANCEL command cancels the current function without saving the information and returns to the previous function.

Action:

No action required.

RS101E**YOUR ANSWER MUST BE Y OR N. PLEASE REENTER****Reason:**

If the object has a D (delete) pending status when you request to update it, SRS displays the Deleted Object Restore screen. This screen shows the object type, name and qualifier; domain name, DB2ID and department.

Action:

You must indicate whether you want to un-delete the object. Valid answers are as follows:

- N-Do not un-delete this object. Keep its pending delete.
- Y-Un-delete this object and display its Authorization Selection screen.

RS102E**YOU HAVE ENTERED AN INVALID COMMAND****Reason:**

You entered a command that is not valid from the current screen.

Action:

Valid commands are CANCEL and END. You can enter ? in the command line of any screen to display a list of valid primary commands.

RS104I**NO SELECTION MADE FROM A SELECTION LIST****Reason:**

You requested a selection list, but did not make any selections from it.

Action:

No action required.

RS105E

S (SELECT) IS THE ONLY LINE COMMAND ALLOWED

Reason:

The only line command allowed is S to select an item.

Action:

Enter the S command.

RS106E

ONLY ONE LINE COMMAND IS PERMITTED

Reason:

You can enter only one line command at a time.

Action:

You can use S to select a domain for the relationship or B to browse a domain.

RS107E

YOU HAVE ENTERED AN INVALID COLOR. VALID COLORS ARE DISPLAYED.

Reason:

You have entered an invalid color for the Set Screen Colors profile panel.

Action:

Valid colors are WHITE, PINK, BLUE, TURQUOISE, RED, YELLOW, and GREEN.

RS108E

INVALID LINE COMMAND - VALID COMMANDS ARE S (SELECT) AND B (BROWSE)

Reason:

You have entered an invalid line command.

Action:

Valid line commands are S and B. You can use S to select a domain for the relationship or B to browse a domain.

RS150E**SYSPRINT DD MISSING****Reason:**

The DD statement for SYSPRINT output is missing from the JCL.

Action:

Add the SYSPRINT DD card and then resubmit.

RS160E**RC/SECURE SSID - PARM MISSING****Reason:**

The current DB2 subsystem ID is missing from the parameter list. The batch job was probably edited before it was submitted.

Action:

Check the parameter block for correct syntax and resubmit the job.

RS161E**RC/SECURE SSID - PARM INVALID****Reason:**

The current DB2 subsystem ID in the parameter list is not valid. The batch job was probably edited before it was submitted.

Action:

Check the parameter block for correct syntax and resubmit the job.

RS162E**SSID TO PROCESS - PARM MISSING****Reason:**

The current DB2 subsystem ID is missing from the parameter list. The batch job was probably edited before it was submitted.

Action:

Check the parameter block for correct syntax and resubmit the job.

RS163E

SSID TO PROCESS - PARM INVALID

Reason:

The current DB2 subsystem ID in the parameter list is not valid. The batch job was probably edited before it was submitted.

Action:

Check the parameter block for correct syntax and resubmit the job.

RS165E

GRANTOR - SHOULD BE "ALL" OR "RCSECUR"

Reason:

You entered an invalid GRANTOR value.

Action:

The only valid entries for the Grantor ID are ALL and RCSECUR. ALL selects every Grantor ID. RCSECUR is the SRS Grantor ID at installation. RCSECUR is the default.

RS166E

OBJECT TYPE - PARM INVALID

Reason:

The current object type in the parameter list is not valid. The batch job was probably edited before it was submitted.

Action:

Check the parameter block for correct syntax and resubmit the job.

RS167E

OBJECT NAME - PARM INVALID

Reason:

The current object name in the parameter list is not valid. The batch job was probably edited before it was submitted.

Action:

Check the parameter block for correct syntax and resubmit the job.

RS168E**OBJECT QUALIFIER - PARM INVALID****Reason:**

The current object qualifier in the parameter list is not valid. The batch job was probably edited before it was submitted.

Action:

Check the parameter block for correct syntax and resubmit the job.

RS169E**GRANTEE - PARM INVALID****Reason:**

The grantee in the parameter list is not valid. The batch job was probably edited before it was submitted.

Action:

Check the parameter block for correct syntax and resubmit the job.

RS170E**TYPES PK AND CL ARE ONLY VALID WITH DB2 V2.3 OR GREATER****Reason:**

You are attempting to use the Package (PK) or Collection (CL) class or object type when you do not have DB2 V2.3 or greater.

Action:

You must have DB2 V2.3 or greater to use Packages and Collections. Select a different class or object type.

RS171E**SYNC - PARM INVALID****Reason:**

The current synchronize value in the parameter list is not valid.

Action:

The value must be Y or N. Check the parameter block for correct syntax and resubmit the job.

RS172E

SYNC ONLY VALID FOR RCSADM AND RCSADM2

Reason:

You do not have RCSADM or RCSADM2 authority. Only those with RCSADM or RCSADM2 authority are able to use the SYNCHRONIZE field.

Action:

Contact your system administrator.

RS173E

TYPE G IS ONLY VALID WITH DB2 VERSIONS 5.1 OR LATER

Reason:

You must use DB2 V5.1 or later to use type G.

Action:

No action required.

RS174E

Types FN, PR, SC, X, and DT are only valid with DB2 V6.1 or greater

Reason:

You must use DB2 V6.1 or later to use the types listed in this message.

Action:

No action required.

RS180E

You are not authorized to use this ID

Reason:

You do not have the correct authority to use the ID you have selected.

Action:

Contact your system administrator.

RS181E

Can't connect to DB2 - Check plan RSA\$SRMN

Reason:

CA RC/Secure failed to connect to DB2.

Action:

Check plan RSA\$SRMN.

RS182E

You are not authorized to access this menu option

Reason:

You do not have the correct authority to use the menu option you have selected.

Action:

Contact your system administrator.

RS200I

***** available *****

Action:

No action required.

RS201E

DB2 ENVIRONMENTAL MODULE DSNHDECP CANNOT BE LOADED

Reason:

The program was unable to successfully load the DB2 environmental descriptor load module, DSNHDECP. Failure to load this module could be caused by not having the proper DB2 load libraries allocated.

Action:

We recommend that you place the DB2 load library in your LINKLIST. You can do this by updating SYS1.PARMLIB member LNKLISTxx. If you do not want to place this library in your LINKLIST, you must allocate it to your TSO session STEPLIB. To do this, you must update the appropriate TSO LOGON PROC member of your proclib data set. If this is not possible, you can allocate the DB2 loadlib to the ISPLLIB DDNAME prior to entering the ISPF environment.

RS202E

UNABLE TO OPEN PTILIB DDNAME FOR INTERNAL PROCESSING

Reason:

The program was unable to successfully open the PTILIB DDNAME. This data set is used by the program to access load modules for internal processing. Without this data set, processing cannot continue and has been terminated.

Action:

Check to see why PTILIB is not allocated. It should be allocated in the CLIST that allocates the CA Products libraries.

RS203E

YOU HAVE ENTERED AN INVALID COMMAND FOR THIS MENU

Reason:

You have entered a command or an option that is not valid for this menu.

Action:

Valid commands are HELP, EXIT, MAIN, CANCEL, and =X. Valid options are listed in highlighted text on the menu.

RS204E

YOU HAVE ENTERED AN INVALID PRIMARY COMMAND

Reason:

You entered a command that is not valid from the current screen.

Action:

Valid commands are CANCEL END, HEADER, CLEAR, EXPLODE, and SHRINK. You can enter ? in the command line of any screen to display a list of valid primary commands.

RS205E**ANALYZE IS ONLY VALID FOR ENTRIES WITH A PENDING STATUS****Reason:**

You attempted to analyze an entry that does not have a pending status. You can analyze only those entries that have a pending status.

Action:

No action required.

RS206E**BLDL ERROR - SOME REQUIRED MODULES ARE MISSING FROM THE PTILIB DD****Reason:**

The program was unable to construct the Build Directory Entry List (BLDL) due to one or more entries not being found in the PTILIB DDNAME. This could be caused by not having the PTILIB allocated or not having allocated to the correct data set.

Action:

Check to see which library is allocated. PTILIB should be allocated in the CLIST that allocates the CA Products libraries.

RS207E**BLDL ERROR - PERMANENT I/O ERROR FOR THE PTILIB DD****Reason:**

The program was unable to construct the Build Directory Entry List (BLDL) due to a permanent I/O error. This could be caused by a hardware error or a corruption of the data sets holding the CA products.

Action:

First, you should check to make sure that the PTILIB ddname is properly allocated to the CA products library. If that allocation looks good and the problem persists, check with your DASD manager to see if there is a hardware error.

RS208E

BLDL ERROR - INSUFFICIENT VIRTUAL STORAGE

Reason:

The program was unable to construct the Build Directory Entry List (BLDL) due to insufficient virtual storage.

Action:

Check to make sure that you are logged on to TSO with at least 3000K for your region size.

RS209E

BLDL ERROR - SYSTEM ERROR OF UNDEFINED NATURE

Reason:

The program was unable to construct the Build Directory Entry List (BLDL) due to a system failure of an undefined nature. Contact Technical Support immediately.

RS210E

YOU HAVE ENTERED AN INVALID COMMAND

Reason:

You have entered an invalid command.

Action:

Valid commands are CANCEL, END, SHRINK, ALL and RESET. You can enter ? in any command line to list commands valid for the current screen.

RS211E

RC=return code, RCODE= reason code db2 message

Reason:

The CALL ATTACHMENT FACILITY to DB2 failed.

Action:

See the IBM *DB2 Messages and Codes* manual for more information on the codes and messages displayed.

RS212E

INVALID LINE OPTION. VALID OPTIONS ARE A, D, P, S, T, U

Reason:

You have entered an invalid line option.

Action:

Valid options are as follows:

- A-ANALYZE
- D-DELETE
- P-PROCS
- S-SELECT
- T-TEMPLATE
- U-UPDATE

RS213E

YOU MAY ENTER ONLY ONE LINE COMMAND OR CREATE A NEW ENTRY

Reason:

You entered an invalid value.

Action:

You may only enter data in the first blank line or enter only one line command option on one listed entry.

RS214E

TYPE MUST BE "A" OR "U"

Reason:

The only types of domains are Application domains and User domains, so the only valid type codes are A (application) and U (user).

Action:

Enter A or U.

RS215E

YOU MUST ENTER A DOMAIN NAME

Reason:

You must assign a name to the domain.

Action:

Maximum name length is eight characters.

RS216E

YOU MUST ENTER A DB2 ID

Reason:

Each domain is associated with a DB2 subsystem.

Action:

You must enter the ID of the DB2 subsystem in the DB2ID field.

RS217E

SELECT DOMAIN TYPE WITH "A", "U", or "*"

Reason:

You can enter information in the Domain Type field of the header to control the domains listed.

Action:

Enter A to display only application domains; U to display only user domains; * to list all domains. All (*) is the default.

RS218E

PENDING MUST BE "Y", "N", or "*"

Reason:

You can enter information in the Pending field of the header to control the entries listed.

Action:

Enter Y to display entries that are pending; N to display entries that are not pending; * to display all entries. All (*) is the default.

RS219E**YOU MUST ENTER A DEPARTMENT NAME****Reason:**

You must enter the department name.

Action:

The name must contain the characters A-Z, 0-9, #, or \$ and must not begin with a number. Eight character maximum.

RS220E**AUTHID ALREADY ASSIGNED TO THIS DOMAIN****Reason:**

The authorization ID has already been assigned to this domain.

Action:

SRS does not let you add the same ID more than once to the same domain.

RS221E**AUTHID IS NOT ELIGIBLE TO BE ADDED TO THIS DOMAIN****Reason:**

The authorization ID you have specified has not been defined eligible to be added to the department's domains.

Action:

A department definition entry must exist that specifies the ID is a member of the department and can be added to domains for the department.

RS222E**A DOMAIN WITH THIS TYPE/DB2ID/DEPT/NAME COMBINATION ALREADY EXISTS****Reason:**

SRS uniquely identifies a domain by its type, DB2ID, department, and name.

Action:

A domain with the same type, DB2ID, department, and name as the one you have just specified already exists. You cannot create domains with duplicate names.

RS223E

DOMAIN MAY BE VIEWED ONLY. UPDATES DISCARDED

Reason:

The S (Select) or B (Browse) option was used to display the domain. These options let you view the domain. Any updates you make will be discarded.

Action:

No action required.

RS224E

INVALID OBJECT TYPE ENTERED

Reason:

You specified an invalid object type.

Action:

Valid object type abbreviations allowed are as follows:

- BP-Bufferpool
- CL-Collection
- DB-Database
- G-Global Temporary Table
- P-Plan
- PK-Package
- SG-Storage Group
- SY-System
- T-Table
- TS-Tablespace
- V-View

RS225E**YOU MUST ENTER THE OBJECT NAME****Reason:**

The Name field must not be blank.

Action:

You can specify the object name or enter selection criteria to display an object selection list.

RS226E**YOU MUST ENTER A QUALIFIER (CREATOR / DATABASE NAME)****Reason:**

You must enter a qualifier for the object type specified.

Action:

You can enter the object qualifier or enter selection criteria to display an object selection list.

RS227E**THE QUALIFIER FOR THIS OBJECT TYPE MUST BE OMITTED**

Object qualifiers are not allowed for the following object types:

- CL-Collection
- DB-Database
- P-Plan
- SG-Storage Group
- SY-System
- U-User (for department definition only)

RS228E

THIS OBJECT ALREADY EXISTS IN THIS DOMAIN

Reason:

The object you specified already exists in the domain.

Action:

If you want to change the privileges associated with the object, UPDATE the object entry.

RS229E

NAME NOT ALLOWED FOR TYPE SY. (SYSTEM) WILL BE SUPPLIED.

Reason:

You cannot specify a name for object type SY.

Action:

SRS automatically enters the name as (SYSTEM). Leave the name field blank.

RS230E

ONLY ONE TYPE OF LINE COMMAND ALLOWED

Reason:

You cannot enter Delete and Update line commands at the same time.

Action:

You can enter only delete commands *or* update commands.

RS231E

ONLY ONE ANALYZE COMMAND IS ALLOWED

Reason:

Processing encountered two or more ANALYZE commands.

Action:

You can enter the A (analyze) command for only one entry at a time.

RS232E

INVALID ENTRIES ARE HIGHLIGHTED. MUST BE BLANK, Y, OR G.

Reason:

Invalid entries.

Action:

To select an authority as GRANT, enter Y.

To select an authority as GRANT WITH GRANT OPTION, enter G.

Leave authorities you don't want included blank.

RS233E

ONLY ONE TEMPLATE COMMAND IS ALLOWED

Reason:

Processing encountered two or more TEMPLATE commands.

Action:

You can enter the T line command (Template) for only one entry at a time.

RS234E

CREATE AND LINE COMMAND NOT ALLOWED AT THE SAME TIME

Reason:

You can create new entries or enter line commands.

Action:

You cannot do both at the same time.

RS235E

UPDATE ONLY ONE TYPE OF OBJECT AT A TIME

Reason:

You can update multiple objects as long as they are the *same type*.

Action:

You cannot update multiple objects of different types.

RS236E

Types: BP, CL, DB, DT, FN, G, P, PK, PR, SC, SG, SY, T, TS, V, X or *

Reason:

You can enter information in the Type field of the header to control the entries listed.

Action:

Valid object types are as follows:

- BP-Bufferpool
- CL-Collection
- DB-Database
- G-Global Temporary Table
- P-Plan
- PK-Package
- SG-Storage Group
- SY-System
- T-Table
- TS-Tablespace
- V-View
- X-Auxiliary Table
- *-All object types

RS237E

INVALID ENTRIES ARE HIGHLIGHTED. MUST BE BLANK, Y, G, OR R.

Reason:

You have entered an invalid option in an authorization selection field.

Action:

Valid options are:

- Y-GRANT
- G-GRANT WITH GRANT OPTION
- R-REVOKE

RS238E

OBJECT DOES NOT HAVE CURRENT OR PENDING AUTHS. ADD AUTHS OR DELETE.

Reason:

Each selected object must have at least one authorization selected.

Action:

If the object has not selected authorization, SRS prompts you to add an authorization or to delete the object.

RS239E

BOTH UPDATE AND UPDATE COLUMN MAY NOT BE SELECTED

Reason:

The UPDATE authority allows access to *all columns* in a table.

Action:

The UPDATEC authority allows access only to *specified columns*. You cannot specify both because they are mutually exclusive.

RS240E

TYPE MUST BE BP, CL, DB, P, PK, SG, T, TS, V, G, OR *.

Reason:

Invalid entry.

Action:

Valid object type abbreviations are:

- BP-Bufferpool
- CL-Collection
- DB-Database
- DT-Distinct type
- FN-Function
- G-Global Temporary Table
- P-Plan
- PK-Package
- PR-Stored procedure

- SC-Schema
- SG-Storage Group
- T-Table
- TS-Tablespace
- V-View
- X-Auxiliary table
- *-All object types

RS241E

ONLY ONE LINE COMMAND OR CREATE LINE ENTRY IS ALLOWED

Reason:

Invalid entry.

Action:

You may create a new entry or enter only one line command option on one listed entry.

RS242E

YOU HAVE ENTERED AN INVALID LINE SELECTION COMMAND

Reason:

You have entered an invalid line selection command.

Action:

Valid line selection commands are:

- A-ANALYZE
- D-DELETE
- T-TEMPLATE
- U-UPDATE
- BA-BROWSE APPLICATION DOMAIN
- BU-BROWSE USER DOMAIN

RS243E**THIS USER DOMAIN AND APPLICATION DOMAIN ARE ALREADY RELATED****Reason:**

The relationship between the user domain and application domain you have specified already exists.

Action:

You cannot create duplicate relationships.

RS244E**YOU MUST ENTER A USER DOMAIN NAME****Reason:**

When creating a domain relationship, you must enter a user domain name.

Action:

You can enter selection criteria to display a user domain selection list.

RS245E**YOU MUST ENTER AN APPLICATION DOMAIN NAME****Reason:**

When creating a domain relationship, you must enter an application domain name.

Action:

You can enter selection criteria to display an application domain selection list.

RS246E**THE USER DOMAIN ENTERED DOES NOT EXIST****Reason:**

The user domain you specified for the domain relationship does not exist so the relationship cannot be created.

Action:

You can enter selection criteria in the user domain field to display a list of existing user domains.

RS247E

THE APPLICATION DOMAIN ENTERED DOES NOT EXIST

Reason:

The application domain you specified for the domain relationship does not exist so the relationship cannot be created.

Action:

You can enter selection criteria in the application domain field to display a list of existing application domains.

RS248E

PENDING MUST BE "Y", "N", or "*"

Reason:

You can enter information in the Pending field of the header to limit the entries displayed.

Action:

Valid entries are:

- Y-Yes. Display entries that are pending
- N-No. Display entries that are not pending
- *-All. Display all entries.

RS249E

THE DB2ID MUST BE SPECIFIED

Reason:

The DB2ID must be specified to create a domain relationship. This is because the DB2ID is needed to uniquely identify the domains.

Action:

Specify the DB2 ID.

RS250E**THE DEPARTMENT MUST BE SPECIFIED****Reason:**

The department must be specified to create a domain relationship. This is because the department name is needed to uniquely identify the domains.

Action:

Specify the department

RS251E**INVALID LINE COMMAND****Reason:**

You have entered an invalid line command on the Column Selection screen.

Action:

Valid commands are: S (Select) or D (Delete). D is valid only when the column has been selected.

RS252E**YOU HAVE ENTERED AN INVALID COMMAND****Reason:**

You have entered an invalid command.

Action:

Valid commands are: END (PF3) - process the entries, CLEAR - clears all the lines, CANCEL - returns to the previous screen without taking any action, MAIN - cancels and returns to the SRS Main Menu, and EXIT - cancels and returns to the CA-DB2 Products Main Menu.

RS253E

DOMAIN SELECTION LIST REQUEST MUST BE Y OR N.

Reason:

Invalid entry.

Action:

Enter Y (Yes) or N (No) in response to the question, Do you wish a selectable list of USER domains to be presented?

RS254E

ALL HAS BEEN SELECTED - NO OTHER AUTHS ARE ALLOWED

Reason:

Invalid entry.

Action:

Some Object Classes offer the ALL privilege, which includes ALL authorization Types for that object. If you select the ALL Type, you cannot also include individual Types because they are already included.

RS255E

UPDATE COLUMN MAY NOT BE G (WITH GRANT OPTION)

Reason:

Invalid entry.

Action:

DB2 does not allow the UPDATE COLUMN privilege to be granted WITH GRANT OPTION. You must use the S selection option (GRANT without grant option) rather than the G selection option.

RS256E**THE OBJECT MAY NOT BE ADDED TO THIS DEPARTMENT****Reason:**

Invalid entry.

Action:

The object is not allowed to be added to domains for this department. Department Definition defines the objects and privileges that can be added to domains for a department.

RS257E**THE HIGHLIGHTED COLUMN MAY NOT BE ADDED****Reason:**

The highlighted column is not allowed to be added to domains for this department.

Action:

Department Definition defines the objects and privileges that can be added to domains for a department.

RS258E**DEFINE IN DOMAINS MUST HAVE A VALUE OF Y OR BLANK****Reason:**

Invalid entry.

Action:

The only valid entries for Define in Domain are Y (yes) and blank (no). The Define in Domain authorization enables the specified ID to be defined in domains for the department.

RS259I

DB2ID SET TO CURRENT DB2 SYSTEM ID FOR SOME ENTRIES

Reason:

Invalid entry.

Action:

Some entries has a PRIMARY_ID, but do not have a DB2ID entry. In this case, the DB2ID was set to the current DB2 subsystem ID.

RS260E

THE HIGHLIGHTED ENTRIES ARE INVALID FOR THE OBJECT IN THIS DB2/DEPT

Reason:

Invalid entries.

Action:

The highlighted authorizations are not allowed to be selected for this object in the DB2ID and department due to department definition restrictions. If you tried selecting the authorization with the G option, you may be able to select it with the S option. If you cannot select it with the S option, you are not allowed to add it at all.

RS261E

THE HIGHLIGHTED AUTHORIZATION IS IN ERROR.

Reason:

Invalid authroization.

Action:

The only valid entries for User Registration authorizations are S and blank. To grant the specified ID authority to perform an SRS function, enter Y in the function field. Any function field that is left blank is restricted to the specified ID.

RS262E**THE DB2ID, DEPARTMENT, AND AUTHID FIELDS ARE REQUIRED FOR A NEW ENTRY****Reason:**

Missing required fields.

Action:

To create a new entry, you must enter the DB2ID, department, and authorization ID. You can enter masks in the DB2ID, department, and/or auth ID fields. If you enter an asterisk in the DB2ID field, you must enter an asterisk in the department field.

RS263E**DEPT NAME MAY ONLY CONTAIN:**

A-Z, 0-9, @, #, AND \$

Reason:

Invalid characters in the department name.

Action:

The department name you have entered is invalid because the first letter is a number or because it contains a character other than A-Z, 0-9, @, #, or \$.

RS264E**YOU ARE NOT AUTHORIZED TO ADD AN ENTRY FOR THE SPECIFIED DB2ID/DEPT****Reason:**

You are not authorized to add an entry for the DB2ID and department specified in the current entry.

Action:

No action required.

RS265E

THIS AUTHID ALREADY EXISTS IN THIS DB2ID/DEPARTMENT

Reason:

The ID you are trying to add has already been defined for the DB2ID and department.

Action:

Each entry must be unique; duplicate entries are not allowed.

RS266E

DB2ID NAME MAY ONLY CONTAIN A-Z, 0-9 @, #, and \$

Reason:

Invalid characters in DB2 ID.

Action:

DB2 subsystem ID names can contain only the characters A-Z, 0-9 @, #, and \$. They also must not begin with a number. You have specified an invalid name.

RS267E

THE DEPARTMENT MUST BE * IF THE DB2ID IS *

Reason:

Invalid entry in department name.

Action:

If an asterisk is entered for the DB2ID, you cannot specify a department name. An asterisk must also be specified for the department name.

RS268E

PRIMARY_ID OR DB2ID MAY NOT BE "*"

Reason:

Invalid entry in primary ID or DB2 ID.

Action:

Complete names must be used for the PRIMARY_ID and the DB2ID. Masks are not allowed.

RS269E**THE DB2ID AND DEPARTMENT FIELDS ARE REQUIRED****Reason:**

Missing DB2 ID and department values.

Action:

You must enter the DB2ID and Department names.

RS270E**LINE COMMAND MUST BE A, D, E, I, S, T, OR U****Reason:**

You have entered an invalid line selection option.

Action:

Valid options are:

- A (analyze)
- D (delete)
- E (explode)
- I (insert)
- S (shrink)
- T (template)
- U (update)

RS271E**LINE COMMAND MUST BE D, E, I, S, T, OR U****Reason:**

You have entered an invalid line selection option.

Action:

Valid options are:

Valid options are:

- D (delete)
- E (explode)

- I (insert)
- S (shrink)
- T (template)
- U (update)

RS272E

LINE COMMAND MUST BE A, D, I, OR U

Reason:

You have entered an invalid line selection option.

Action:

Valid options are:

- A (analyze)
- D (delete)
- I (insert)
- U (un-delete)

RS273E

LINE COMMAND MUST BE D OR I

Reason:

You have entered an invalid line selection option.

Action:

Valid options are:

- D-Delete
- I-Insert

RS274E

YOU HAVE ENTERED AN INVALID PRIMARY COMMAND

Reason:

You have entered an invalid primary command. END is the valid command.

Action:

You can enter ? in any command line to get a list of valid primary commands.

RS275E**YOU HAVE ENTERED AN INVALID PRIMARY COMMAND****Reason:**

You have entered an invalid primary command. END, HEADER, ALL, and RESET are the valid commands.

Action:

You can enter ? in any command line to get a list of valid primary commands.

RS276E**ANALYZE ERROR, SERVICE: RSL#MAIN****RC: ret_code****Reason:**

SRS analysis encountered an error. The error should be displayed in the analysis output.

RS277E**LINE COMMAND CANNOT BE U UNLESS THE PENDING FIELD IS D****Reason:**

You entered the U line command on a line whose pending status is not a D (Delete). The UN-DELETE command is used to remove an authid from PENDING DELETE status.

Action:

Ensure that you are UNDELETEing an authid that is pending deletion.

RS278E**YOU ARE NOT AUTHORIZED TO UPDATE OR DELETE THIS ENTRY (DEPT = *)****Reason:**

You are not authorized to Update or Delete this entry (DEPT=*). The department name * displays to show other rows that affect the department(s) that are displayed.

Action:

No action required.

RS279E

YOU HAVE ENTERED AN INVALID PRIMARY COMMAND

Reason:

You have entered an invalid primary command.

Action:

You can use any of the following commands:

- CANCEL-Exit screen, no action taken
- CLEAR-Clears all entered line commands
- E-Explode all entries (list privileges)
- END-Return to previous screen
- H-Toggle header on and off.
- SHRINK-Shrink entries to 1 line per entry

RS280E

QUALIFIER MAY ONLY CONTAIN A-Z, 0-9, @, #, OR \$

Reason:

You have entered an invalid qualifier.

Action:

Qualifier names may only contain only the characters A-Z, 0-9 @, #, and \$. They also must not begin with a number.

RS281I

YOU HAVE ENTERED AN INVALID BUFFERPOOL NAME.

Reason:

You specified a buffer pool name that is not valid on this subsystem.

Action:

The most probable cause is you entered a DB2 V3 buffer pool name on a DB2 V2.3 or lower subsystem.

RS282E

THE NAME FIELD MUST BE FROM 1 TO 8 CHARACTERS LONG.

Reason:

You have entered a name that exceeds the eight character maximum.

Action:

The name entered for Database, Plan, Stogroup, or Tablespace must be between one and eight characters in length.

RS283E

THE DATABASE NAME MAY ONLY CONTAIN: A-Z, 0-9, @, #, OR \$. 1ST NOT NUM

Reason:

You have entered an invalid database name.

Action:

Database names may only contain the characters A-Z, 0-9, @, #, or \$. They also must not begin with a number.

RS284E

THE PLAN NAME MAY ONLY CONTAIN: A-Z, 0-9. 1ST CHAR CANNOT BE A NUMBER.

Reason:

You have entered an invalid plan name.

Action:

Plan names may only contain the characters A-Z and 0-9, and must not begin with a number.

RS285E

THE STOGROUP NAME MAY ONLY CONTAIN: A-Z, 0-9, @, #, OR \$. 1ST NOT NUM

Reason:

You have entered an invalid storage group name.

Action:

Storage group names may only contain the characters A-Z, 0-9, @, #, or \$ and must not begin with a number.

RS286E

THE TABLESPACE NAME MAY ONLY CONTAIN: A-Z, 0-9, @, #, OR \$. 1ST NOT NUM

Reason:

You have entered an invalid tablespace name.

Action:

Tablespace names may only contain the characters A-Z, 0-9, @, #, or \$ and must not begin with a number.

RS287E

UPDATE COLUMN NOT ALLOWED FOR MASKED OBJECTS

Reason:

Invalid value entered for masked objects.

Action:

Update column is not allowed with *masked* objects, which are object names or qualifiers that end in an asterisk (*).

RS288E

THE DOMAIN NAME MAY ONLY CONTAIN: A-Z, 0-9, @, #, AND \$

Reason:

You have entered an invalid domain name.

Action:

Domain names may only contain the characters A-Z, 0-9, @, #, or \$ and must not begin with a number.

RS289E

Types: BP, CL, DB, DT, FN, G, P, PK, PR, SC, SG, SY, T, TS, U, V, X

Reason:

You entered an invalid object type.

Action:

Valid object types are the following:

- BP-Bufferpool
- CL-Collection
- DB-Database
- G-Global Temporary Table
- P-Plan
- PK-Package
- SG-Storage Group
- SY-System
- T-Table
- TS-Tablespace
- U-User
- V-View
- X-Auxiliary Table

RS290E

YOU HAVE ENTERED AN INVALID PRIMARY COMMAND

Reason:

Invalid primary command.

Action:

Valid primary commands are HEADER, END, and CANCEL. You can enter ? in the command line of any screen to display a list of valid primary commands.

RS291E

YOU HAVE ENTERED AN INVALID PRIMARY COMMAND

Reason:

Invalid primary command.

Action:

Valid primary commands are END and CANCEL. These commands will terminate the batch job creation and return to the previously displayed panel.

RS292E

Type: BP, CL, DB, DT, FN, G, P, PK, PR, SC, SG, SY, T, TS, U, V, X, *

Reason:

You can enter information in the Type field of the header to control the entries listed.

Action:

Valid object types are:

- BP-Bufferpool
- CL-Collection
- DB-Database
- G-Global Temporary Table
- P-Plan
- PK-Package
- SG-Storage Group
- SY-System
- T-Table
- TS-Tablespace
- U-User
- V-View
- X-Auxiliary Table

RS293E**YOU ARE NOT AUTHORIZED TO DELETE THIS ENTRY (DEPT = *)****Reason:**

You are not authorized to delete the entry. The department name * displays to show other rows that affect the departments that are displayed (the departments that you are allowed to administer).

Action:

Contact your system administrator.

RS294E**THE NAME MAY NOT CONTAIN A %****Reason:**

The object name may not contain a percent sign (%).

Action:

You are not allowed to enter selection criteria when templating an object.

RS295E**THE QUALIFIER MAY NOT CONTAIN A %****Reason:**

The object qualifier may not contain a percent sign (%).

Action:

You are not allowed to enter selection criteria when templating an object.

RS296E**THE ENTRY ALREADY EXISTS IN THIS DEPARTMENT WITHIN THIS DB2ID****Reason:**

The entry requested already exists within the Department and DB2ID specified.

Action:

Contact your system administrator.

RS297E

YOU HAVE ENTERED AN INVALID PRIMARY COMMAND

Reason:

Invalid primary command.

Action:

Valid primary commands are HEADER, END, and CANCEL. You can enter ? in the command line of any screen to display a list of valid primary commands.

RS298E

message, CONN TO db2_id

Reason:

The connection to the specified DB2 subsystem for a selection list failed. However, a connection was made to the default DB2 subsystem, which is listed in the message.

Action:

Use the information in the message text to resolve the problem.

RS299E

INVALID DELETION DATE ENTERED

Reason:

For CA RC/Secure V2.2 users, the expiration date you entered is not valid. Be sure to use the YY/MM/DD format with / as the separator, and enter a date that is equal to or greater than the current date. You may be trying to enter a day that is not valid for that month, such as 97/02/30 (Feb. 30).

For users of CA RC/Secure 2.3 and later, the expiration date is not valid, possibly because the date format is incorrect or you are using an invalid separator. Valid date formats are as follows:

YYYY-MM-DD ISO

YYYY-MM-DD JIS

MM/DD/YYYY USA

DD.MM.YYYY EUR

Action:

The date must be greater than or equal to the current date. The year must be between 00 and 99, the month must be between 1 and 12, and the day must be a valid date for that month.

RS301E**ENVIRONMENTAL CONTROL MODULE DSNHDECP WAS NOT ABLE TO BE LOADED.****Reason:**

The DSNHDECP module, which provides installation and release level information, could not be loaded.

Action:

See your Systems Administrator for assistance.

RS302E**UNABLE TO OPEN DD PTILIB FOR INTERNAL PROCESSING****Reason:**

The program was unable to successfully open the PTILIB DDNAME. This data set is used by RC/Secure to access load modules for internal processing. Without this data set, processing cannot continue and has been terminated.

Action:

Check to see why PTILIB is not allocated. It should be allocated in the CLIST that allocates the CA Products libraries.

RS303E**GETMAIN ERROR HAS OCCURRED IN: module_name****Reason:**

An error has occurred as the result of a GETMAIN attempt. *module_name* represents the module name where the error occurred.

Action:

Increase your region size by entering a larger value for the *REGION=* parameter on your Execute statement.

RS306E

BLDL ERROR - SOME REQUIRED MODULE(S) ARE MISSING FROM THE PTILIB DD

Reason:

The program was unable to construct the Build Directory Entry List (BLDL) due to one or more entries not being found in the PTILIB DDNAME. This could be caused by not having the PTILIB allocated or not having allocated to the correct data set.

Action:

Check to see which library is allocated. PTILIB should be allocated in the CLIST that allocates the CA Products libraries.

RS307E

BLDL ERROR - PERMANENT I/O ERROR FOR THE PTILIB DD

Reason:

The program was unable to construct the Build Directory Entry List (BLDL) due to a permanent I/O error. This could be caused by a hardware error or a corruption of the data sets holding the CA products.

Action:

First, you should check to make sure that the PTILIB DDNAME is properly allocated to the CA products library. If that allocation looks good and the problem persists, check with your DASD manager to see if there is a hardware error.

RS308E

BLDL ERROR - INSUFFICIENT VIRTUAL STORAGE

Reason:

The program was unable to construct the Build Directory Entry List (BLDL) due to insufficient virtual storage.

Action:

Check to make sure that you are logged on to TSO with at least 3000K for your region size.

RS309E**BLDL ERROR - SYSTEM ERROR OF AN UNDETERMINED NATURE****Reason:**

The program was unable to construct the Build Directory Entry List (BLDL) due to a system failure of an undefined nature.

RS310E**LICENSE FOR RC/SECURE HAS EXPIRED****Reason:**

Your license for CA RC/Secure has expired.

RS311E

RC=ret_code, REASON=rancode DB2ID=db2_id

Reason:

The CALL ATTACHMENT FACILITY to DB2 failed.

Action:

See the IBM *DB2 Messages and Codes* manual for more information on the codes and messages displayed.

RS312E**CONNECT SUBTASK INITIALIZATION ERROR, RC=ret_code****Reason:**

This is an error detected within a subtask. The return code displays.

Action:

See previously issued messages for the actual error.

RS313E**MODULE DETECTING THE ERROR:**

module_name

Reason:

The name of the module detecting an error. This information is used for diagnosis by CA.

RS314E

INVALID PARM PASSED TO SQL PROCESSOR: *parm*

Reason:

The specified invalid parameter was passed to the SQL processor.

RS315E

RC/SECURE SSID PARM MISSING

Reason:

The current DB2 subsystem ID is missing from the parameter list. The batch job was probably edited before it was submitted.

Action:

Check the parameter block for correct syntax and resubmit the job.

RS316E

RC/SECURE SSID PARM NOT VALID

Reason:

The current DB2 subsystem ID in the parameter list is not valid. The batch job was probably edited before it was submitted.

Action:

Check the parameter block for correct syntax and resubmit the job.

RS317E

PROCESSING OPTION MISSING

Reason:

The processing option, which denotes whether SQL should be executed, is missing. The batch job was probably edited before it was submitted.

Action:

Check the parameter block for correct syntax and resubmit the job.

RS318E**PROCESSING OPT NOT Y, N, OR R****Reason:**

The processing option, which denotes whether SQL should be executed, is invalid.

Action:

Valid values are the following:

- Y-Execute SQL
- N-Do not execute SQL
- R-Perform revoke by all before executing SQL

If this was a batch job, the batch job was probably edited before it was submitted. Check the parameter block for correct syntax and resubmit the job.

RS319E**DB2ID TO PROCESS INVALID****Reason:**

The DB2ID parameter, specified on the Implementation Job Creation screen, is invalid. If this was a batch job, the batch job was probably edited before it was submitted.

Action:

Check the parameter block for correct syntax and resubmit the job.

RS320E**DEPARTMENT TO PROCESS INVALID****Reason:**

The Department parameter, specified on the Implementation Job Creation screen, is invalid. If this was a batch job, the batch job was probably edited before it was submitted.

Action:

Check the parameter block for correct syntax and resubmit the job.

RS321E

DOMAIN TYPE NOT A, U, OR R

Reason:

An invalid domain type was specified.

Action:

The only valid domain type parameters allowed in the implementation analysis job are the following:

- A-Application domain
- U-User domain
- R-Relationship

If this was a batch job, the batch job was probably edited before it was submitted. Check the parameter block for correct syntax and resubmit the job.

RS322E

DOMAIN NAME TO PROCESS INVALID

Reason:

The domain name specified in the implementation analysis job is too long. It can be no more than 8 characters in length. If this was a batch job, the batch job was probably edited before it was submitted.

Action:

Check the parameter block for correct syntax and resubmit the job.

RS323E

OBJ TYPE/APPL-DOMAIN/UID TOO LONG

Reason:

The object type, application domain name, or user ID specified in the implementation analysis job is too long. It can be no more than 8 characters in length. If this was a batch job, the batch job was probably edited before it was submitted.

Action:

Check the parameter block for correct syntax and resubmit the job.

RS324E**GLOBAL TEMPORARY TABLES ARE ONLY VALID WITH DB2 V5.1 OR GREATER****Reason:**

Global temporary tables are supported only by DB2 V5.10 or later.

Action:

You cannot use these tables if you are using a previous version of DB2.

RS325E**OBJECT NAME PARM TOO LONG****Reason:**

The object name specified in the implementation analysis job is too long. It can be no more than 8 characters in length, unless the object type is T or V. If this was a batch job, the batch job was probably edited before it was submitted.

Action:

Check the parameter block for correct syntax and resubmit the job.

RS326E**DB2ID PARM OMITTED, ALL SUBSEQUENT PARMS MUST ALSO BE OMITTED****Reason:**

No DB2ID was specified in the implementation analysis job parameter block. No subsequent parameters may be specified. If this was a batch job, the batch job was probably edited before it was submitted.

Action:

Check the parameter block for correct syntax and resubmit the job.

RS327E

DEPT PARM OMITTED, ALL SUBSEQUENT PARMS MUST ALSO BE OMITTED

Reason:

No DEPT was specified in the implementation analysis job parameter block. No subsequent parameters may be specified. If this was a batch job, the batch job was probably edited before it was submitted.

Action:

Check the parameter block for correct syntax and resubmit the job.

RS328E

DOMAIN TYPE OMITTED, ALL SUBSEQUENT PARMS MUST ALSO BE OMITTED

Reason:

No domain type (A, U, R) was specified in the implementation analysis job parameter block. No subsequent parameters may be specified. If this was a batch job, the batch job was probably edited before it was submitted.

Action:

Check the parameter block for correct syntax and resubmit the job.

RS329E

FOR DOMAIN TYPES U AND A DOMAIN NAME MUST NOT BE OMITTED

Reason:

A domain name must be specified for domain types A and U. If this was a batch job, the batch job was probably edited before it was submitted.

Action:

Check the parameter block for correct syntax and resubmit the job.

RS330E**FOR A USER DOMAIN, THE QUALIFIER AND NAME PARMS MUST BE OMITTED****Reason:**

For a user domain, only an authorization ID may be specified. Object qualifiers and types are valid only for application domains when the object type is specified. If this was a batch job, the batch job was probably edited before it was submitted.

Action:

Check the parameter block for correct syntax and resubmit the job.

RS332E**FOR A RELATIONSHIP THE USER DOMAIN AND APPL DOMAIN MUST NOT BE OMITTED****Reason:**

If you specify domain type R (relationship) in the parameter block of the implementation analysis job, you must also specify the user domain and application domains. If this was a batch job, the batch job was probably edited before it was submitted.

Action:

Check the parameter block for correct syntax and resubmit the job.

RS333E**FOR A RELATIONSHIP, QUALIFIER AND TYPE/NAME PARMS MUST BE OMITTED****Reason:**

If the domain relationship parm is specified in the parameter block of the implementation analysis job, the qualifier and type/object name must not be specified. If this was a batch job, the batch job was probably edited before it was submitted.

Action:

Check the parameter block for correct syntax and resubmit the job. .

RS334E

OBJECT QUALIFIER WAS OMITTED

Reason:

If an object type is specified in the parameter block of the implementation analysis job, the object qualifier and name must also be specified. If this was a batch job, the batch job was probably edited before it was submitted.

Action:

Check the parameter block for correct syntax and resubmit the job.

RS335E

OBJECT NAME WAS OMITTED

Reason:

If you specify an object type in the parameter block of the implementation analysis job, you must also specify the object qualifier and name. If this was a batch job, the batch job was probably edited before it was submitted.

Action:

Check the parameter block for correct syntax and resubmit the job.

RS336E

DEPT PARM MASKED, ALL SUBSEQUENT PARMS MUST BE OMITTED

Reason:

If you enter a mask for the Department, you cannot specify any subsequent parameters. If this was a batch job, the batch job was probably edited before it was submitted.

Action:

Check the parameter block for correct syntax and resubmit the job.

RS337E**UNABLE TO LOAD THE CA PARAMETER MODULE: PTLDBSYS****Reason:**

The parameter module PTLDBSYS is not in PTILIB.

Action:

Correct the PTILIB DD concatenation to include the library where PTLDBSYS was installed.

RS338E**THE USER IS NOT AUTHORIZED TO EXECUTE IN PROCESS MODE (PARM#2 = Y)****Reason:**

The user is not authorized to implement changes.

Action:

To implement changes, the user needs to have EXECUTE authority on the plan RSPSxxxx, where xxxx represents the current version of the program.

RS339E**NOT RUNNING AUTHORIZED - CANNOT CHANGE AUTHID TO authid****Reason:**

You have SPECIFIED that SQL should be executed (process=Y) and the STEPLIB is not authorized.

Action:

Check to make sure the STEPLIB is authorized.

RS340E**UNABLE TO OPEN THE SYSIN DD FOR REPORT REQUESTS****Reason:**

The SYSIN DD that is used to create a report could not be opened.

Action:

Contact your System Administrator for assistance.

RS342E

INVALID REPORT SOURCE. SHOULD BE AUTH, UDOM, ADOM, OBJ, OR EP.

Reason:

An invalid report source was specified.

Action:

When you are specifying the source (FROM) for a relationship report, valid entries are as follows:

- A-Authorization ID
- AD-Application Domain
- EP-Execution Procedure
- O-Object
- P-Primary Authid
- UD-User Domain

RS343E

INVALID REPORT TARGET. SHOULD BE AUTH, UDOM, ADOM, OBJ, OR EP.

Reason:

An invalid report target was specified.

Action:

When you are specifying the target (TO) for a relationship report, valid entries are:

- A-Authorization ID
- AD-Application Domain
- EP-Execution Procedure
- O-Object
- P-Primary Authid
- UD-User Domain

RS344E**REPORT SOURCE AND TARGET MUST BE DIFFERENT.****Reason:**

You cannot enter the same code for the FROM and TO fields.

Action:

Change one of the entries so the source and target are not the same.

RS345E**UNABLE TO RECEIVE DATE FROM SYSTEM****Reason:**

Tried to receive the date from the system, but an error occurred.

Action:

Contact your System Administrator for assistance.

RS346E**UNABLE TO RECEIVE TIME FROM SYSTEM****Reason:**

Tried to receive the time from the system, but an error occurred.

Action:

Contact your System Administrator for assistance.

RS350E**INVALID LINE COMMAND, VALID COMMANDS ARE I OR D****Reason:**

The line command you entered is not valid.

Action:

Valid line commands are the following:

- I-Insert
- D-Delete

RS351E

RETROACTIVE FIELD NOT Y OR N

Reason:

An invalid retroactive field value was entered.

Action:

You must enter Y (yes) or N (no) in the Retroactive (RET) field. No other entries are valid.

RS352E

EXECUTION TIME FIELD NOT A OR D

Reason:

An invalid execution time field value was entered.

Action:

You must enter one of the following options in the Execution Time field:

- A-Execute at add time
- D-Execute at delete time

RS353E

Invalid authid entry in table PTRCS_USRDOM_0200

Reason:

There is invalid authid entry in the PTRCS_USRDOM_0200 table that contains user domain entries.

Action:

Remove the invalid entry from this table.

RS354E

THIS EXECUTION PROC ALREADY EXISTS

Reason:

This execution procedure already exists for this DB2ID, Dept, Domain, and Domain type.

Action:

Contact your system administrator.

RS356E**MEMBER NAME NOT BETWEEN 1 AND 8 CHARACTERS****Reason:**

You entered a member name that is larger than 8 characters in length.

Action:

Enter between 1 and 8 characters for the member name.

RS357E**DATASET NAME MUST NOT BE BLANK****Reason:**

Value missing for the data set name.

Action:

You must enter a data set name. This field cannot be blank.

RS358E**DATASET DOES NOT EXIST****Reason:**

The data set name that you entered does not exist.

Action:

Verify the data set name or enter a different name.

RS359E**WHEN EXECUTION TIME IS D RETROACTIVE MUST BE N****Reason:**

An invalid value was entered for RETROACTIVE.

Action:

When the execution time is D (delete), the retroactive field (RET) must be N (no).

RS360E

MEMBER NOT FOUND

Reason:

The member name you entered does not exist.

Action:

Verify the member name or enter a different name. You can enter an asterisk (*) in the Member Name field to display a list of members.

RS361E

EXEC PROC DATASET ALLOCATION ERROR: *dataset_name*

Reason:

An error occurred while attempting to allocate the execution procedure data set.

Action:

Use the information in the message text to resolve the problem.

RS362E

EXEC PROC DATASET OPEN ERROR: *dataset_name*

Reason:

An error occurred while attempting to open the execution procedure data set.

Action:

Use the information in the message text to resolve the problem.

RS363E

EXEC PROC DATASET LRECL NOT 80: *dataset_name*

Reason:

The execution procedure data set does not have a record length of 80.

Action:

Use the information in the message text to resolve the problem.

RS364E**LINK TO BATCH PROCESSOR HAS FAILED****Reason:**

The link to the Batch Processor has failed. The module may be missing from the PTILIB library.

Action:

Contact your System Administrator for assistance.

RS365E**STATUS ALREADY R****Reason:**

The status of this failed execution procedure is already R (RERUN).

Action:

Enter E (Error) or D (Delete) in the Option field, and then exit and reenter the screen to see the results of your entry.

RS366E**STATUS ALREADY E****Reason:**

The status of this failed execution procedure is already E (ERROR).

Action:

Enter R (Rerun) or D (Delete) in the Option field, and then exit and reenter the screen to see the results of your entry.

RS367E

INVALID LINE COMMAND, VALID COMMANDS ARE R, E, D, AND S

Reason:

The line command you entered is not valid.

Action:

Valid commands are the following:

- R-Rerun
- E-Error
- D-Delete
- S-View batch processor output

RS368E

SYMBOLIC SUBSTITUTION ERROR: PROC NAME WILL NOT FIT IN AREA SPECIFIED

Reason:

An execution procedure with the symbolic %PROC could not be expanded because there was not enough room on the line.

RS369E

SYMBOLIC SUBSTITUTION ERROR:

DATE WILL NOT FIT IN AREA SPECIFIED

Reason:

An execution procedure with the symbolic %ZDATE could not be expanded because there was not enough room on the line.

RS370E**EXEC PROC OUTPUT OPTION MISSING****Reason:**

You have not specified an execution procedure output option.

Action:

Valid output options are as follows:

- Y-Always show execution procedure output
- N-Never show execution procedure output
- E-Only show execution procedure output if an error occurs

RS371E**EXEC PROC OPT NOT Y, N, OR E****Reason:**

You entered an execution procedure option that is not valid.

Action:

The only valid output options are as follows:

- Y-Always show execution procedure output
- N-Never show execution procedure output
- E-Only show execution procedure output if an error occurs

RS373E**INVALID DATASET NAME****Reason:**

The data set name you entered is not a valid data set name.

Action:

Verify the data set name or enter a different name.

RS374E

OBJECT TYPE NOT ENTERED

Reason:

You must enter an object type.

Action:

Valid object types are the following:

- BP-Bufferpool
- CL-Collection
- DB-Database
- P-Plan
- PK-Package
- SG-Storage Group
- SY-System
- T-Table
- TS-Tablespace
- V-View

RS375E

OBJECT NAME NOT "(SYSTEM)"

Reason:

Invalid object name specified.

Action:

For object type SY, the object name should be (SYSTEM).

RS376E**PROCESSING OPTION NOT Y OR N - (PARM #2)****Reason:**

You entered a processing option that is not valid. The processing option indicates whether expanded masks should be added to the application domain.

Action:

Valid processing options are as follows:

- Y-Add expanded mask to the application domain
- N-Do not use an expanded mask. Only display what will be added.

RS377E**DB2ID TO PROCESS INVALID - (PARM #3)****Reason:**

The DB2 ID specified for the expansion of masked objects is invalid.

Action:

Specify a valid DB2 ID and try again.

RS378E**DEPARTMENT TO PROCESS INVALID - (PARM #4)****Reason:**

The department name specified for the expansion of masked objects is invalid.

Action:

Enter a department name that is no more than eight characters in length.

RS379E**DOMAIN NAME TO PROCESS TOO LONG - (PARM #5)****Reason:**

The domain name specified for the expansion of masked objects is invalid.

Action:

Enter a domain name that is no longer than eight characters in length.

RS380E

COLLECTION NAME MAY ONLY CONTAIN: A-Z, 0-9, @, # OR \$

Reason:

You have entered invalid characters for the Collection name.

Action:

Enter 1 - 18 characters, using only the characters listed in the message. The name cannot begin with a number.

RS381E

QUALIFIER/PACKAGE NAME MAY ONLY CONTAIN: A-Z, 0-9, @, # OR \$

Reason:

You have entered invalid characters for the qualifier/package name.

Action:

Enter 1 - 8 characters, using only the characters listed in the message. The name cannot begin with a number.

RS382E

WITH GRANT OPTION IS NOT VALID WITH THE BINDAGENT PRIVILEGE

Reason:

You selected the BINDAGENT authority for the SYSTEM class, indicating you want the authority granted with the WITH GRANT OPTION. However, the BINDAGENT authority cannot be used with the WITH GRANT OPTION.

Action:

Change your selection code from G (grant authority WITH GRANT OPTION) to a Y (grant authority) and try again.

RS383E**WITH GRANT OPTION IS NOT VALID WHEN GRANTING TO ALL PACKAGES IN COLLECTION****Reason:**

The G selection code (grant with grant option) is not valid when granting to all packages in a collection.

Action:

Use the Y selection code (grant authority) and try again.

RS387W**OBJECT(S) HIGHLIGHTED DO NOT EXIST, PRESS ENTER AGAIN TO ACCEPT****Reason:**

When on the Application Domain screen, you specified the name of an object that does not exist.

Action:

Press Enter again to confirm you want the object to be added or enter a different object name.

RS388W**UNABLE TO CONNECT TO db2_id TO VERIFY OBJECT(S)****Reason:**

After you entered an object name on the Application Domain screen, the program tried to connect to your DB2 subsystem to verify that the objects exist and was unable to make the connection.

Action:

Press Enter to accept the objects even though they cannot be verified, or specify a different DB2 subsystem ID on the Application Domain screen.

RS389E

AS A READ ONLY USER FOR THIS DEPT THE ONLY VALID COMMANDS ARE E OR S

Reason:

You have been given read only authority for this department.

Action:

The only commands available to you are the following:

- E-Explode
- S-Shrink

RS390E

SSID OF system_name NOT FOUND IN SECURE PARMLIB MEMBER

Reason:

The DB2 subsystem ID was not found in the SECURE parmlib (parameter library) member. The parmlib member should include an entry for every valid subsystem.

Action:

See your System Administrator for assistance in updating the parmlib with a new SSID.

RS391E

AS A READ ONLY USER FOR THIS DEPT THE ONLY VALID LINE COMMAND IS S

Reason:

You have read-only authority.

Action:

The only line command available to you on the Domain Administration screen is S (Select). This line command lets you select an application or user domain.

RS392E

AS A READ ONLY USER FOR THIS DEPT THE VALID COMMANDS ARE BA OR BU

Reason:

You have been given read only authority for this department. The only line commands available to you are the following:

- BA-Browse Application Domain
- BU-Browse User Domain

RS393E**ACTION MUST BE A FOR ADD OR D FOR DELETE****Reason:**

You selected an action other than A or D on the Add/Delete User or Add/Delete Object screen.

Action:

You must enter one of the following values, or enter CANCEL on the command line to exit the screen.

- A-Add a user or an object to an existing domain.
- D-Delete a user or an object from an existing domain.

RS394E**LINE COMMAND MUST BE D, E, I, S, T, U, OR ?****Reason:**

You entered an invalid option on a line on the Add/Delete Object screen.

Action:

Enter one of the following valid options:

- D-Delete the object.
- E-Explode the display of the object.
- I-Insert the object.
- S-Shrink the display of the object.
- T-Template the object.
- U-Update the object.
- ?-View errors

RS395E

LINE COMMAND MUST BE B OR S

Reason:

You specified an invalid action for processing a user domain or an application domain.

Action:

Enter one of these valid commands:

- B-Browse the domain. Do not add or delete the user or object.
- S-Select this domain. Add or delete the user or object.

RS396E

HIGHLIGHTED OBJECT(S) ARE INVALID, USE "?" TO VIEW ERROR

Reason:

One or more objects you selected are invalid.

Action:

Enter ? on the command line to view the error.

RS397E

HIGHLIGHTED USER(S) ARE INVALID, USE "?" TO VIEW ERROR

Reason:

One or more users you selected are invalid.

Action:

Enter ? on the command line to view the error.

RS398E**LINE COMMAND MUST BE D, I, OR ?****Reason:**

You entered an invalid option on the Add/Delete User or Add/Delete Object screen.

Action:

Choose one of these valid actions:

- D-Delete this user or object.
- I-Insert this user or object.
- ?-View the errors.

RS399E**DB2ID MUST NOT BE BLANK****Reason:**

You specified an action in the Add/Delete User or Object screen without specifying a DB2 ID.

Action:

Be sure to enter a valid DB2ID.

RS400E**THE TABLE PRIVILEGE, REFERENCES, ONLY VALID WITH DB2 VERSIONS 4.1 OR GREATER.****Reason:**

The table privilege, REFERENCES, is valid only with DB2 V4 or greater. REFERENCES appears, but is not active, prior to DB2 V4.

RS401E**FROM MUST BE A, UD , AD, O, P, or EP****Reason:**

You entered an invalid option in the From field. Valid options are:

- A-Auth ID
- UD-User Domain
- AD-Application Domain

- O-Object
- P-Primary ID
- EP-Execution Procedure

RS402E

TO MUST BE A, UD, AD, O, P, or EP

Reason:

You entered an invalid option in the To field. Valid options are:

- A-Auth ID
- UD-User Domain
- AD-Application Domain
- O-Object
- P-Primary ID
- EP-Execution Procedure

RS403E

FROM AND TO FIELDS MUST BE DIFFERENT

Reason:

The From and To fields of a report must be different.

RS404E

GETMAIN ERROR - REPORT TRUNCATED

Reason:

An error was experienced during reporting that resulted in truncation.

RS405E

AN EQF NAME CANNOT BE TEMP FOR A BATCH REPORT

Reason:

TEMP is the name given to temporary EQFs, which are not saved. They can be used in online reporting only. For batch reporting, you must use a saved EQF, which must have a name other than TEMP.

RS406E

System privilege, CREATETMTAB, only valid with DB2 V5.1 or greater

Reason:

The system privilege CREATETMTAB is supported only by DB2 V5.10 or later. You cannot use these privileges if you are using a previous version of DB2.

RS407E

OBJECT TYPE must be BP, CL, DB, DT, FN, G, M, P, PK, PR, SC, SG, SQ, SY, T, TS, V, X or *

Reason:

You entered an invalid object type. Valid object type abbreviations allowed are:

- BP—Buffer pool
- CL—Collection
- DB—Database
- DT—Distinct type
- FN—Function
- G—Global temporary table
- M—Materialized query table
- P—Plan
- PK—Package
- PR—Procedure
- SC—Schema
- SG—Storage group
- SQ—Sequences
- SY—System
- T—Table
- TS—Tablespace
- V—View
- X—Auxiliary table
- *—All object types

RS408E

NAME > 8 characters and FROM is not O or UD or AD

Reason:

You have entered a name that is more than eight characters in length and the *From* entity is not Object, User Domain, or Application Domain. Only objects, user domains, or application domains are allowed names greater than eight characters. Because the Name field applies to the *From* entity, names cannot exceed eight characters unless the From entity is Object, User Domain, or Application Domain.

RS409E

QUALIFIER specification is invalid for types : BP, SG, DB, CL, SC, SY.

Reason:

The qualifier must be omitted for the following objects:

- BP—Buffer pool
- SG—Storage group
- DB—Database
- CL—Collection
- SC—Schema
- SY—System

You can specify a qualifier if the object type is all (*).

RS410E

Type is BP, SG, DB, P , SC or SY then name =< 8 characters

Reason:

You have entered a name that is more than eight characters in length for an object that is *not allowed* to have a name greater than eight characters. The following object types are not allowed to have names greater than eight characters:

- BP—Buffer pool
- SG—Stogroup
- DB—Database
- P—Plan
- SC—Schema
- SY—System

RS411E**LINE COMMAND MUST BE P, A, AD, OR O****Reason:**

You have entered an invalid line command option. Valid options are:

- P-Primary ID
- A-Auth ID
- AD-Application Domain
- O-Object

RS412E**LINE COMMAND MUST BE P, UD, AD, OR O****Reason:**

You have entered an invalid line command option. Valid options are:

- P-Primary ID
- UD-User Domain
- AD-Application Domain
- O-Object

RS413E**LINE COMMAND MUST BE P, A, UD, OR O****Reason:**

You have entered an invalid line command option. Valid options are:

- P-Primary ID
- A-Auth ID
- UD-User Domain
- O-Object

RS414E

LINE COMMAND MUST BE P, A, UD, O, E, OR S

Reason:

You have entered an invalid line command option. Valid options are as follows:

- P-Primary ID
- A-Auth ID
- UD-User Domain
- O-Object
- E-Explode
- S-Shrink

RS415E

LINE COMMAND MUST BE P, UD, AD, O, E, OR S

Reason:

You have entered an invalid line command option. Valid options are:

- P-Primary ID
- UD-User Domain
- AD-Application Domain
- O-Object
- E-Explode
- S-Shrink

RS416E

LINE COMMAND MUST BE P, A, AD, O, E, OR S

Reason:

You have entered an invalid line command option. Valid options are:

- P-Primary ID
- A-Auth ID
- AD-Application Domain
- O-Object

- E-Explode
- S-Shrink

RS417E

LINE COMMAND MUST BE P, A, UD, AD, E, OR S

Reason:

You have entered an invalid line command option. Valid options are:

- P-Primary ID
- A-Auth ID
- UD-User Domain
- AD-Application Domain
- E-Explode
- S-Shrink

RS418E

EXPLODE FAILED DUE TO INSUFFICIENT STORAGE

Reason:

The EXPLODE failed due to insufficient storage. This problem can occur when too many online reports have been requested by using line commands to generate multiple reports. You can avoid this problem by backing out using PF3.

RS419E

EXPLODE RETURNED WITH BAD RETURN CODE: ret_code

Reason:

The EXPLODE failed due to a bad return code. Note the return code.

RS420E

LOAD FOR PTLSQLDP FAILED. MAY BE MISSING FROM PTILIB

Reason:

LOAD request for PTLSQLDP failed.

Action:

Check to make sure this member is in the PTILIB.

RS421E

LOAD FOR PTLSSP FAILED. MAY BE MISSING FROM PTILIB

Reason:

LOAD request for PTLSSP failed.

Action:

Check to make sure this member is in the PTILIB.

RS422E

EQF - WHERE FIELD MUST BE Y, S, OR N; IN BATCH ONLY S OR N.

Reason:

The Where field enables you to access EQF. In online processing, the values allowed in the Where field are Y, S, and N. However, a Y value is not allowed in batch.

Action:

Correct the SYSIN cards to contain valid values.

RS423W

EQF - DEFAULT QUERY USED

Reason:

This is an informational message warning you that your default query is being used for this report.

RS424W**EQF - QUERY NOT FOUND, DEFAULT QUERY NOT FOUND****Reason:**

This is an informational messages warning you that the specified query could not be found and that no default query could be found.

Action:

Check the spelling of the query name.

RS425E**EQF - QUERY NOT FOUND****Reason:**

This is an informational messages warning you that the specified query could not be found.

Action:

Check the spelling of the query name.

RS426E**EQF - INSUFFICIENT STORAGE****Reason:**

During EQF, the program ran out of virtual storage space and was unable to continue processing.

RS427W**EQF - NO EQF QUERY SELECTED****Reason:**

You must select a query to be used during processing or use the default query by specifying N for the Where field.

RS428E**LOAD FOR RSL@EQF FAILED. MAY BE MISSING FROM PTILIB****Reason:**

LOAD request for RSL@EQF failed. Check to make sure this member is in the PTILIB.

RS429E

VALID LINE COMMANDS ARE: (D)ELETE, (T)EMPLATE, AND (U)PDATE

Reason:

You entered an invalid line command. Valid line commands are D (delete), T (template), and U (update).

RS430E

MODEL JCL MEMBER member_name NOT IN MODEL JCL LIBRARY

Reason:

Member member_name, which contains the model JCL, is missing from the specified model JCL library.

Action:

Check the data set name. the data set is not a partitioned data set, or the member is missing.

RS431E

MODEL JCL DATASET SHOULD NOT HAVE MEMBER SPECIFIED

Reason:

You should not specify the member for the model JCL library. The member name is always MJRCSRPT, which SRS provides internally.

RS432E

MODEL JCL DATASET ALLOCATION ERROR:

dataset

Reason:

The specified data set could not be allocated.

RS433E

MODEL JCL DATASET OPEN ERROR: dataset

Reason:

The specified data set could not be opened.

RS434E

MODEL JCL DATASET LRECL NOT 80: dataset

Reason:

The data set's record length is not 80.

RS435E

OUTPUT JCL DATASET ALLOCATION ERROR: dataset

Reason:

The specified data set could not be allocated.

RS436E

OUTPUT JCL DATASET OPEN ERROR: dataset

Reason:

The specified data set could not be opened.

RS437E

OUTPUT JCL DATASET LRECL NOT 80: dataset

Reason:

The data set's record length is not 80.

RS438I

BATCH JOB SAVED IN DATASET dataset

Reason:

The batch job was saved in the specified data set. You can use ISPF to edit the data set and submit the job.

RS439I

BATCH JOB SUBMITTED

Reason:

The batch job was created and submitted for execution.

RS440E

Table privilege, REFERENCE Columns, only valid with DB2 V5.1 or above

Reason:

The table privilege REFERENCE Columns is supported only by DB2 V5.10 or later. You cannot use these privileges if you are using a previous version of DB2.

RS441E

DEPT MAY NOT BE SPECIFIED IF DB2ID IS NOT SPECIFIED

Reason:

If asterisk (*) is specified for DB2ID, the department must also be an asterisk (*). You cannot specify the department if the DB2ID is asterisk (*).

RS442E

DB2ID INVALID. A VALID DB2ID CONTAINS THE CHARACTERS A-Z, 0-9, @, #, \$

Reason:

DB2 subsystem ID names can contain only the characters: A-Z, 0-9 @, #, and \$ and must not begin with a number. You have specified an invalid DB2ID.

RS443E

DEPT INVALID. ENTER A DEPARTMENT NAME, OR MASK (NAME ENDING IN *)

Reason:

The department name you have entered is invalid because the first letter is a number or because it contains a character other than A-Z, 0-9, @, #, or \$.

Action:

Enter a valid department name or a mask.

RS444E

OUTPUT JCL DATASET SHOULD NOT HAVE MEMBER SPECIFIED

Reason:

The member name should be specified in the member field, not in the data set field.

RS445E

OUTPUT JCL DATASET IS NOT A PDS, SHOULD NOT HAVE MEMBER SPECIFIED

Reason:

The output data set you have specified is not a PDS. You cannot specify a member name for sequential data sets.

RS446E

OUTPUT JCL MEMBER NAME MAY ONLY CONTAIN A-Z, 0-9, @, #, \$, OR *

Reason:

The output data set name you have specified is invalid because the first letter is a number or because it contains a character other than A-Z, 0-9, @, #, \$ or *.

RS447E

THIS TYPE OF REPORT IS INVALID.

Reason:

You have specified a report type that is not valid. See the relationship reporting information in the SRS chapter for a list of valid report types.

RS448E

GLOBAL TEMPORARY TABLES ARE ONLY VALID WITH DB2 V5.1 OR ABOVE

Reason:

Global temporary tables are supported only by DB2 V5.10 or later. You cannot use grant and revoke on these tables if you are using a previous version of DB2.

RS449E

REVOKE ON GLOBAL TEMPORARY TABLES SELECTED; PRIVILEGE CHANGED TO ALL

Reason:

Global temporary tables do not support individual privileges. The program automatically changed the privilege level to ALL.

RS450E

LINE COMMAND MUST BE A, UD, AD

Reason:

You have entered a line command that is not valid. Valid commands are the following:

- A-Authid
- UD-User Domain
- AD-Application Domain

RS451E

LINE COMMAND MUST BE P, A, AD, O, OR EP

Reason:

You have entered a line command that is not valid. Valid commands are the following:

- P-Primary
- A-Authid
- AD-Application Domain
- O-Object
- EP-Execution Procedure

RS452E

LINE COMMAND MUST BE P, A, UD, O, OR EP

Reason:

You have entered a line command that is not valid. Valid commands are the following:

- P-Primary
- A-Authid
- UD-User Domain
- O-Object
- EP-Execution Procedure

RS453E**LINE COMMAND MUST BE P, UD, AD, O, EP****Reason:**

You have entered a line command that is not valid. Valid commands are the following:

- P-Primary
- UD-User Domain
- AD-Application Domain
- O-Object
- EP-Execution Procedure

RS454E**TABLE OR VIEW NAME GREATER THAN 18 CHARACTERS****Reason:**

The table or view name you entered has more than 18 characters.

Action:

Enter a name between 1 and 18 characters.

RS455E**LINE COMMAND MUST BE A, UD****Reason:**

You have entered a line command that is not valid. Valid commands are the following:

- A-Authid
- UD-User Domain

RS456E**LINE COMMAND MUST BE A, AD****Reason:**

You have entered a line command that is not valid. Valid commands are the following:

- A-Authid
- AD-Application Domain

RS457E

LINE COMMAND UD NOT ALLOWED ON TYPE A

Reason:

The UD (User Domain) line command cannot be used on entries with a type of A (Application Domain).

RS458E

DELETE FIELD MUST BE Y, N, OR *

Reason:

You have specified an invalid value for the Delete field. The Delete field controls which IDs are listed. Valid values are:

- Y-Display only secondary IDs no longer associated with the primary ID.
- N-Display only secondary IDs that are associated with the primary ID.
- *-Display all IDs.

RS459E

LINE COMMAND AD NOT ALLOWED ON TYPE U

Reason:

The AD (Application Domain) line command cannot be used on entries with a type of U (User Domain).

RS460E

EQF INITIALIZATION ERROR

Reason:

An error has occurred during the initialization of the Extended Query Facility (EQF). See previously issued messages for the actual error.

RS461E**WHERE MUST BE BLANK, "N" OR "S"****Reason:**

You have specified an invalid value for the Where field. The Where field controls the use of the Extended Query Facility. Valid values are:

- S-Select a query for execution.
- N-Do NOT execute EQF (space is also accepted).

RS462E**EQFNAME CANNOT BE BLANK OR "TEMP"**

(WHERE = S TEMP)

Reason:

You have specified an invalid value for the EQF name. The name can be a maximum of 8 characters. TEMP, the default, cannot be used in this case.

RS463E**WHERE MUST BE "N" WHEN TYPE IS "*"****Reason:**

You cannot use the Extended Query Facility when requesting all (*) object types.

Action:

You must leave the Where field blank when you enter a type of *. If you want to use EQF, you must specify a particular object type.

RS464E**THE LINE COMMAND MUST BE EITHER E (EXPLODE) OR S (SHRINK)****Reason:**

You have entered an invalid line command. Valid line commands are:

- E-Explode the entry. This displays all privileges associated with the entry.
- S-Shrink the entry. Turns off explode.

RS465E

A FROM OF OE CAN ONLY BE USED IN BATCH

Reason:

You are attempting to enter OE in the FROM field when creating a relationship report. OE can only be used in batch reporting.

Action:

To explode objects online, enter O in the FROM field. Once a list of objects displays, enter the E (Explode) line command next to the object you want to explode.

RS466E

A TO OF OE CAN ONLY BE USED IN BATCH

Reason:

You are attempting to enter OE in the TO field when creating a relationship report. OE can only be used in batch reporting.

Action:

To explode objects online, enter O in the TO field. Once a list of objects displays, enter the E (Explode) line command next to the object you want to explode.

RS470E

YOU HAVE ENTERED AN INVALID COMMAND

Reason:

You have entered an invalid line command. Valid commands are:

- CANCEL-To return to the previous screen without taking any action.
- PF3 (END)-To return to the previous screen.
- HEADER-To remove or restore the header information on the screen. You can remove the header information to more conveniently view the entries listed.
- CLEAR-To remove any data entered onto the screen.

RS471E**YOU HAVE ENTERED AN INVALID COMMAND****Reason:**

You have entered an invalid line command. Valid line commands are as follows:

- CANCEL-To return to the previous screen without taking any action.
- PF3 (END)-To return to the previous screen.
- HEADER-To remove or restore the header information on the screen. You can remove the header information to more conveniently view the entries listed.
- CLEAR-To remove any data entered onto the screen.
- SHRINK-Displays only the selected entries. Enter SHRINK again or change the selection criteria to display all entries.

RS472E**EXISTING COLUMN PENDINGS HAVE WITH GRANT OPTION, SELECTION MUST BE G.****Reason:**

The UPDATEC field must be G, because the existing column pendings are G (grant with grant option).

RS473E**STOP DATE MUST BE GREATER THAN OR EQUAL TO START DATE****Reason:**

The start date specified is not earlier than or equal to the stop date.

RS474E**OBJECT TYPE MUST BE SELECTED BY AN "S"****Action:**

You must select the object information by entering an S beside the field.

RS475E**EXISTING COLUMN PENDINGS, CANNOT BE REMOVED**

RS480E

RS480 NAME > 25 characters and FROM is not EP

Reason:

You have entered a name that is more than 25 characters in length and the *From* entity is not Execution Procedure. Only execution procedures are allowed names greater than 25 characters. Because the Name field applies to the *From* entity, names cannot exceed 25 characters unless the From entity is an Execution Procedure.

RS481I

User ID input is validated only to 8 characters'

Reason:

The User ID of a BINDAGENT authorization is validated only to 8 characters.

RS494E

INVALID STOP DATE LASTXXXX, XXXX MUST BE NUMERIC

Reason:

If you specify a stop date of LASTXXXX, the XXXX must be numeric. You are specifying the number of days for which you want records. For example, if you specify LAST0030, you are requesting records for the last (most recent) 30 days.

RS495E

START DATE CANNOT BE SPECIFIED WHEN STOP DATE IS LASTXXXX

Reason:

You cannot specify a start date if you are requesting a stop date of LASTXXXX. The LASTXXXX specifies the most recent XXXX days for which you want records. Consequently, you cannot specify a start date with this type of stop date.

RS501E

SYSPRINT DD MISSING

Reason:

The DD statement for SYSPRINT output is missing from the JCL. Add the SYSPRINT DD card and then resubmit.

RS502E**SYSIN DD MISSING****Reason:**

The DD statement for SYSIN input is missing from the JCL.

Action:

Add the SYSIN DD card and then resubmit.

RS503E**DB2ID MUST BE PASSED AS PARM - MISSING****Reason:**

The current DB2 subsystem ID is missing from the parameter list. The batch job was probably edited before it was submitted.

Action:

Check the parameter block for correct syntax and resubmit the job.

RS504E**DB2ID IN PARM IS INVALID****Reason:**

The current DB2 subsystem ID in the parameter list is invalid. The batch job was probably edited before it was submitted.

Action:

Check the parameter block for correct syntax and resubmit the job.

RS506E**DATASET(S) MUST BE SELECTED FOR RESTORE****Action:**

You must select data sets with an R before proceeding.

RS507E

VALID COMMANDS ARE R(ESTORE), E(XPLODE), AND S(HRINK)

Reason:

You have entered an invalid command. Valid commands are as follows:

- R-To restore the data set.
- E-To explode out the object information that was used to create the backup.
- S-To shrink the object information.

RS508E

INVALID PRIMARY COMMAND

Reason:

You have entered an invalid line command. Valid line commands are as follows:

- CANCEL-To return to the previous screen without taking any action.
- PF3 (END)-To return to the previous screen.

RS509E

INVALID PRIMARY COMMAND

Reason:

You have entered an invalid line command. Valid line commands are:

- CANCEL-To return to the previous screen without taking any action.
- PF3 (END)-To return to the previous screen.
- ALL-To display all entries from the backup log maintenance table.
- CLEAR-To clear out all line commands.

RS510E

VALID COMMANDS ARE D(ELETE) OR I(NSERT)

Reason:

You have entered an invalid line command. Valid line commands are:

- D-To delete the line of authids.
- I-To insert a new line or lines to add authids.

RS512E**GETMAIN ERROR****Reason:**

Not enough storage is available. Increase your region size by entering a larger value for the *REGION=* parameter on your Execute statement.

RS513E**TASK NOT AUTHORIZED****Reason:**

PTILIB is not an authorized library or RSL#2ARY is not marked APF authorized.

RS514E**INVALID RETURN CODE FROM RSA#2IDS****Reason:**

An internal error occurred. The job step return code has been set to the invalid code.

RS515E**CANNOT LOAD PTADBSYS****Reason:**

The PTADBSYS module cannot be loaded.

Action:

Check that the module named PTADBSYS exists in your PTILIB DD.

RS516E**INVALID RETURN CODE FROM PTLDCB****Reason:**

An internal error occurred. The job step return code has been set to the invalid code.

RS521I

UPDATES FOR PRIMARY ID: primary_id FOR DB2 ID:

db2_id

Reason:

Processing has begun for the primary ID in the named DB2 ID.

RS522I

SECONDARY ID: secondary_id ADDED

Reason:

The secondary authid listed in the message was added. No action required.

RS523I

SECONDARY ID: secondary_id DELETED

Reason:

The secondary authid listed in the message was deleted. No action required.

RS524I

SECONDARY ID: secondary_id UN-DELETED

Reason:

The secondary authid listed in the message was NOT deleted. No action required.

RS525I

NO UPDATES WERE REQUIRED

Reason:

The DSN3@SGN module does not appear in your DSNEXIT library.

RS526E

NOT AUTHORIZED FOR DB2 BY DSN3@ATH

Reason:

This user is not authorized to connect to DB2. The installation security exit denies access.

RS527E**ERROR LOADING DSN3@ATH****Reason:**

The installation security exit could not be loaded.

Action:

Check the libraries named in the PTADBSYS module.

RS528E**DB2ID NOT IN PTADBSYS MODULE****Reason:**

The DB2 ID specified was not in the PTADBSYS module.

Action:

Correct the DB2 ID or add it to the module.

RS529E**ERROR ALLOCATING THE DB2 LIBRARY****Reason:**

The libraries could not be allocated.

Action:

Check the data set names specified in PTADBSYS and confirm that they are available.

RS530E**ERROR OPENING THE DB2 LIBRARY****Reason:**

An error occurred attempting to open the DB2 library specified in PTADBSYS. See the other associated messages to determine the cause.

RS531I

BEGINNING OF REFRESH PROCESSING

Reason:

This message informational message lets you know that all primary IDs that are already in the table are being refreshed.

RS532I

END OF REFRESH PROCESSING

Reason:

This message is informational only. No action required.

RS533E

GETMAINED AREA EXHAUSTED

Reason:

Not enough storage is available. Increase your region size by entering a larger value for the *REGION=* parameter on your Execute statement.

RS543E

INVALID START DATE OVERXXXX, XXXX MUST BE NUMERIC

Reason:

If you specify a start date of OVERXXXX, the XXXX must be numeric. OVERXXXX specifies that you want data recovered that is XXXX days or more old.

RS544E

STOP DATE CANNOT BE SPECIFIED WHEN START DATE IS OVERXXXX

Reason:

You cannot specify a stop date when you have specified a start date of OVERXXXX, because the OVERXXXX start date is requesting that data XXXX days or more old be backed up or restored.

RS545E**STOP DATE CANNOT BE LASTXXX AND START DATE OVERXXXX AT THE SAME TIME****Reason:**

You cannot submit a backup or restore request for records for the last XXXX days and at the same time specify records XXXX days or more old. In this case, you must determine which data you want to specify and then specify the stop or the start date accordingly.

RS546E**AUTO DELETE CANNOT BE RUN ONLINE****Reason:**

You can run the auto delete program only in batch mode.

RS547E**INVALID START DATE SPECIFIED****Reason:**

You did not use the correct format to specify the start date. The start date specifies the date you want to be the earliest log date to be backed up or restored. The date must be specified in the following format: YY-MM-DD where

- YY is a numeric value in the range of 00 to 99
- MM is a numeric value in the range of 01 to 12
- DD is a numeric value in the range of 01 to 31

Action:

You must separate the year, month, and date by dashes (-), and you must specify leading 0's for numbers that are less than 10. For example, 11 August 1993 would be specified as 93-08-11.

You can also specify the start date as OVERXXXX, where XXXX must be numeric. This start date will back up or restore data that is XXXX days or more old.

RS548E

INVALID STOP DATE SPECIFIED

Reason:

You did not use the correct format to specify the stop date. The stop date specifies the last date you want log data to be backed up or restored. The date must be specified in the following format: YY-MM-DD where

- YY is a numeric value in the range of 00 to 99
- MM is a numeric value in the range of 01 to 12
- DD is a numeric value in the range of 01 to 31

Action:

You must separate the year, month, and date by dashes (-), and you must specify leading 0's for numbers that are less than 10.

You can also specify the stop date as LASTXXXX, where XXXX must be numeric. This stop date will back up or restore data that is from the last XXXX days.

RS549E

ANSWER TO RESPONSE MUST BE Y - YES OR N - NO

Reason:

Your only choices for an answer are Y or N (Yes or No).

RS550E

IF CONSOLIDATION METHOD IS P(RIMARY) AUTHID TYPE MUST BE

P OR S

Reason:

If the consolidation method is primary (P), the Type of Authid field must be one of the following:

- P-The authids are primary IDs.
- S-The authids are secondary IDs.

RS551E

IF CONSOLIDATION METHOD IS B(OTH) AUTHID TYPE MUST BE P OR BLANK

Reason:

If the consolidation method is both (B), the Type of Authid field must be one of the following:

- P-The authids are primary IDs.
- <blank>

RS552E

RESPONSE MUST BE Y(ES) OR N(O)

Reason:

Your only choices for an answer are Y or N (Yes or No).

RS553E

Consolidation method must be P, M, or B

Reason:

You specified a consolidation method that was not one of the following:

- P-Primary/Secondary Consolidation method.
- M-Multiple Grants.
- B-Both.

RS554E

RC/SECURE SSID - PARM MISSING'

Reason:

A DB2 subsystem SSID parm is missing from the RCS#RVKE job. This subsystem ID contains the CA RC/Secure and main log tables.

Action:

Specify a valid SSID on the EXEC card of the RCS#RVKE job.

RS555E

RC/SECURE SSID - PARM INVALID'

Reason:

The SSID specified on the EXEC card of the RCS#RVKE job exceeds the maximum length of 4.

Action:

Specify a valid SSID, not longer than 4 characters, on the EXEC card of the RCS#RVKE job.

RS561W

GRANTOR RESET TO CURRENT SQLID

Reason:

CA RC/Secure has reset the SQLID in the GRANTOR field to the CURRENT SQLID. This is consistent with standard CA RC/Secure GRANT processing.

Action:

No action is required.

RS562E

REVOKE IMPACT ANALYSIS REPORTING OPTION PARM MISSING

Reason:

A revoke impact analysis option has not been specified on the EXEC card of the RCS#RVKE job.

Action:

Specify a valid revoke impact analysis option (Y or N) on the EXEC card of the RCS#RVKE job.

RS563E

REVOKE IMPACT ANALYSIS REPORTING OPTION PARM INVALID

Reason:

The revoke impact analysis option exceeds the maximum length of 1 character.

Action:

Specify a valid revoke impact analysis option (Y or N) not longer than 1 character on the EXEC card of the RCS#RVKE job.

RS569E**PERFORM REVOKES OPTION - PARM MISSING****Reason:**

A process option is missing on the EXEC card of RCS#RVKE job.

Action:

Specify a valid process option (Y or N) on the EXEC card of the RCS#RVKE job.

RS570E**PERFORM REVOKES OPTION - PARM INVALID****Reason:**

The process option exceeds the maximum length of 1 character.

Action:

Specify a valid process option (Y or N) not longer than 1 character on the EXEC card of the RCS#RVKE job.

RS571E**COLLAPSE OPTION - PARM MISSING****Reason:**

The collapse option is missing in the EXEC card of RCS#RVKE job.

Action:

Specify a valid collapse option (Y or N) on the EXEC card of the RCS#RVKE job.

RS572E**COLLAPSE OPTION - PARM INVALID****Reason:**

The collapse option exceeds the maximum length of 1 character on the EXEC card of the RCS#RVKE job.

Action:

Specify a valid collapse option (Y or N) not longer than 1 character on the EXEC card of the RCS#RVKE job.

RS573E

NO AUTHID(S) WERE ENTERED

Reason:

The SYSIN card of the RCS#RVKE job has no AUTHID specified.

Action:

Specify an AUTHID SYSIN card with a valid authid in the RCS#RVKE job.

RS574E

REBUILD ID TOO LONG

Reason:

The Rebuild ID option exceeds the maximum length of 8 characters.

Action:

Specify a valid Rebuild ID option, not longer than 8 characters, on the EXEC card of the RCS#RVKE job.

RS575W

BLANK AUTHID REPLACED BY WILDCARD.

Reason:

The SYSIN statement of the job in member RCS#CONS has AUTHID specified without an authorization ID value. The product automatically inserted a wildcard character as the value for AUTHID.

Action:

No action is required.

RS600E

USERID: user_id IS NOT AUTHORIZED - MUST BE RCSADM OR RCSADM2

Reason:

The user whose user ID is *user_id* did not have the necessary RCSADM or RCSADM2 authority to complete the request. You must have RCSADM or RCSADM2 authority to process the request.

RS601E**RC/SECURE SSID PARM MISSING - (parm #1)****Reason:**

The current DB2 subsystem ID is missing from the parameter list. The batch job was probably edited before it was submitted.

Action:

Check the parameter block for correct syntax and resubmit the job.

RS602E**RC/SECURE SSID PARM NOT VALID - (parm #1)****Reason:**

The current DB2 subsystem ID in the parameter list is not valid. The batch job was probably edited before it was submitted.

Action:

Check the parameter block for correct syntax and resubmit the job.

RS603E**SECOND PARM NOT "CHECK" OR "NOTPENDING"****Reason:**

The second parm must be CHECK, NOT PENDING, or blank.

RS604E**SYSIN DD MISSING****Reason:**

The DD statement for SYSIN output is missing from the JCL.

Action:

Add the SYSIN DD card and then resubmit.

RS605E

DISCARD DD MISSING AND ERRORS EXIST

Reason:

The DD statement for DISCARD records is missing from the JCL.

Action:

Add the DISCARD DD card and then resubmit.

RS606E

ERRORS DD MISSING AND ERRORS EXIST

Reason:

The DD statement for the list of errors is missing from the JCL.

Action:

Add the ERRORS DD card and then resubmit.

RS607E

INPUT CARD CONTAINING ERRORS:

Reason:

This is the lead-in message for the detail that describes the type of error(s) found in the input card.

RS608E

COL: 1 INVALID DATA: DB2ID

Reason:

Column 1 of the input card does not have a valid DB2ID.

Action:

Edit the card and resubmit the job.

RS609E**COL: 6 INVALID DATA: DEPARTMENT****Reason:**

Column 6 of the input card does not have a valid department name.

Action:

Edit the card and resubmit the job.

RS610E**COL: 15 INVALID DATA: DOMAIN****Reason:**

Column 15 of the input card does not have a valid domain name.

Action:

Edit the card and resubmit the job.

RS611E**LINE: 2 COL: 6 INVALID DATA: TYPE****Reason:**

Column 25 of the input card does not have a valid object type.

Action:

Edit the card and resubmit the job.

RS612E**LINE: 2 COL: 15 INVALID DATA: NAME****Reason:**

Column 1 of the input card does not have a valid name.

Action:

Edit the card and resubmit the job.

RS613E

LINE: 2 COL: 41 INVALID DATA: QUALIFIER

Reason:

Column 47 of the input card does not have a valid qualifier.

Action:

Edit the card and resubmit the job.

RS614E

LINE: 2 COL: 51 INVALID DATA: PRIVILEGE

Reason:

Column 57 of the input card does not have a valid privilege.

Action:

Edit the card and resubmit the job.

RS615E

LINE: 2 COL: 63 INVALID DATA: WITH GRANT OPT

Reason:

Column 69 of the input card does not have a valid WITH GRANT OPTION.

Action:

Edit the card and resubmit the job.

RS616E

LINE: 1 COL: 5, 14, 40-72 NOT SPACES

Reason:

Characters appear in the input card where there should be spaces.

Action:

Edit the card and resubmit the job.

RS617E**THIS DOMAIN ALREADY EXISTS - CANNOT BE ADDED****Reason:**

The domain cannot be created because it already exists.

Action:

Assign a different domain name.

RS618E**INPUT PARSE ERRORS - JOB TERMINATED****Reason:**

Input errors were detected. The job stopped processing to allow for corrections.

RS619I**CHECK ONLY REQUESTED - JOB COMPLETE****Reason:**

The input analysis you requested was performed.

RS620E**NEW DOMAIN ADDED: domain_name TYPE: object_type****Reason:**

A new domain was created per your instructions. The domain name and object type are listed in the message.

RS621E**USERID: user_id****Reason:**

The user ID was added to the new User Domain.

RS622E

OBJECT TYPE: object_type NAME: name QUALIFIER: qualifier

Reason:

The object was added to the new Applications Domain.

RS623E

RELATIONSHIP ADDED. DB2: db2_id USER DOMAIN: domain DEPT: dept APPL DOMAIN: domain

Reason:

A new relationship was created.

RS624E

COL: 15 INVALID DATA: USER DOMAIN DOES NOT EXIST AND NOT BEING ADDED

Reason:

The input card has an invalid user domain in column 15. The user domain does not exist or was not being added in this job.

RS625E

LINE:2 COL: 15 INVALID DATA: APPL DOMAIN DOES NOT EXIST AND NOT BEING ADDED

Reason:

The input card has an invalid application domain in column 28. The application domain does not exist or was not being added in this job.

RS626E

LINE: 1 COL: 15 AND LINE: 2 COL: 15 - RELATIONSHIP ALREADY EXISTS

Reason:

The relationship listed in the message already exists. You cannot create it again.

RS627E

LINE: 2 COL: 41 INVALID DATA: USER REQUEST TYPE (QUALIFIER)

Reason:

The input card has an invalid user request type in column 41.

RS632

LINE: 2 COL: 1-5, 8-14, 40, 49-50, 62, 64-72 NOT SPACES

Reason:

Characters appear in the input card where there should be spaces.

Action:

Edit the card and resubmit the job.

RS633

TWO LINES OF INPUT REQUIRED

Reason:

An error found in the input card.

RS634

INVALID LENGTH FOR FDAYS, ONLY 1 DIGIT IS ALLOWED, DEFAULT NOW = 0

Reason:

More than one digit was entered for the FDAYS (future expiration days) parameter.

Action:

If you do not want the default of 0, correct the parameter and rerun the job.

RS635

INVALID VALUE FOR FDAYS, VALUE MUST BE BETWEEN 0 - 9, DEFAULT NOW = 0

Reason:

A non-numeric character was entered for the FDAYS (future expiration days) parameter.

Action:

If you do not want the default of 0, correct the parameter and rerun the job.

RS636

**INVALID LENGTH FOR ROLLBACK -556
1 DIGIT IS ALLOWED, DEFAULT NOW = N**

Reason:

The value that was supplied contains more than one digit. Valid values for this field are Y or N. The default is N.

Action:

Enter Y or N.

RS637

**INVALID VALUE FOR ROLLBACK -556
VALUE MUST BE Y or N , DEFAULT NOW = N '**

Reason:

The value that was supplied is not valid. Valid values for this field are Y or N. The default is N.

Action:

Enter Y or N.

RS638

SSID INFORMATION NOT FOUND IN PARMLIB FOR LOCATION: XXXXXXXXXXXXXXXX

The subsystem specific information is not present in the specified parmlib.

RS640

CANNOT OPEN LISTDDL

Reason:

The LISTDDL option is set to Y in the parms on the EXEC card, but the program failed to open LISTDDL DD because LISTDDL DD was probably not specified in the RCS#RVKE job.

Action:

Specify a LISTDDL DD with a data set that has DCB=(RECFM=FB,LRECL=80,BLKSIZE=3120).

RS700I

RC/SECURE BATCH REPORT - release_version

Reason:

This is a report heading for a report. *release_version* indicates the version of the program you are using.

RS701I

(C) 1987, current_year COPMUTER ASSOCIATES.

Reason:

Copyright statement for report.

RS702I

FROM => relationship_type TO => relationship_type WHERE =>

Reason:

Report request header formatted from the input card.

RS703I

DB2ID => sysid, DEPT = > department_name OBJECTS

Reason:

Report request header formatted from the input card.

RS704I

NAME => object_name QUALIFIER: qualifier TYPE: object_type

Reason:

Report request header formatted from the input card.

RS705I

Separator line used between report requests.

Reason:

A separator line is used between report requests.

Action:

None.

RS706

SYSIN indicator C1, N1, N2, Q1 or Q2 is missing or false.

Reason:

SYSIN cards do not have proper line indicators. There must be a C1, N1, N2, Q1, and Q2 line.

Action:

Correct the SYSIN cards so that they contain all required lines.

RU Messages

Messages with the RU prefix are generated from CA RC/Update.

RU000E

OBJECT SELECTED IS NOT VALID.

Reason:

An invalid object has been selected. Valid objects are listed below.

- SG-Storage Group
- DB-Database
- TS-Tablespace
- RI-Referential Integrity
- T-Table
- I-Index
- V-View

- S-Synonym
- A-Alias

RU004E

OBJECT REQUIRED.

Reason:

This error message appears when you have not entered an object.

Action:

Enter a valid object type in the Object field of the header.

- SG-Storage Group
- DB-Database
- TS-Tablespace
- RI-Referential Integrity
- T-Table
- I-Index
- V-View
- S-Synonym
- A-Alias

RU006I

DB2 OBJECT CREATED SUCCESSFULLY.

Reason:

Your DB2 object has been created successfully.

RU007E

DOWN REQUEST IGNORED - ALREADY AT END.

Reason:

You are attempting to scroll past the end of the data. Your cursor down request will be ignored.

RU008E

SQL INTERNAL ERROR - RETURN CODE ==> sql_return_code.

Action:

See the IBM *DB2 Messages and Codes* reference manual for information on the given SQL error.

RU009E

UP REQUEST IGNORED - ALREADY AT TOP.

Reason:

You are attempting to scroll past the top of the data. Your cursor up request will be ignored.

RU010E**Your request required unsupported RC/Alter functionality.****Reason:**

Requested operations for your stored procedure required the use of RC/Alter, which cannot fully support the requests at this time.

Common causes are as follows:

- You requested changes to your procedure that require a RC/Alter analysis. Some changes cannot be made using a single DB2 ALTER statement. These types of changes require the object to be dropped and re-created, which requires a RC/Alter analysis. Other types of changes require a RC/Alter analysis because the object might have interdependencies with other objects. In this situation, an analysis can determine whether additional changes are needed for other objects.
- The CA RC/Update Mode option is set to A for an RC/Alter analysis. A setting of A instructs CA RC/Update to unconditionally call RC/Alter to generate DDL for the operation; however, RC/Alter does not support all requests in this situation.
- You used the S or SO line commands to select one or more objects to drop, and the drop requires analysis by RC/Alter. Reasons can include any of the following:
 - When you use the S command to select an object to drop, the product uses the currently saved CA RC/Update Drop Options (which can require RC/Alter analysis).
 - When you use the S or SO line command, a Drop Impact setting of Y requires RC/Alter to do the analysis, and RC/Alter does not support such requests. In this case, the drop DDL is generated without performing any of the optional impact analyses.
 - Selected objects with detected dependencies require RC/Alter in order to generate the DROP statements. Those objects cannot be dropped and are bypassed.
- You selected one or more objects to drop with recovery (using the R or RO line command). For this type of drop, RC/Alter is required to perform the analysis so that recovery DDL can be generated; however, RC/Alter does not currently support these requests.
- You responded with A to the DDL Execution Confirmation pop-up window, which tells CA RC/Update to call RC/Alter to have it re-generate the DDL for the create, alter, template or drop; however, RC/Alter does not currently support such a request.
- You requested changes to your procedure that are not yet supported.

Action:

Take the appropriate action to avoid the activity that RC/Alter does not support. For the situations described in this message, take action as follows:

- If the problem has to do with requested changes requiring a RC/Alter analysis, ensure that your changes for the object can be done using a single ALTER statement (and include no other object interdependencies).
- If the CA RC/Update Mode option is set to A for an RC/Alter analysis, change to a setting other than A.
- If you used the S or SO line commands to select objects to drop, verify that Drop Impact is N, then enter **SAVE** in the command line to make N the default for the S and SO commands. If selected objects had detected dependencies that require RC/Alter and were bypassed, drop the omitted objects manually.
- If you selected objects to drop with recovery (using the R or RO line command), use the S or SO command instead to select the objects that you want dropped.
- If you had responded with A to the DDL Execution Confirmation pop-up window, respond with **Y** or **N** instead.
- If you requested changes that are not yet supported, re-evaluate the changes.

RU017I

OBJECT TYPE WAS IGNORED AND SET TO "T".

Reason:

You specified an object type other than T for a table data option. Table data options may be carried out against objects that are tables, views or aliases. You still specify T for the object type regardless of the actual type. For most options, the object type has a strict correspondence to a DB2 type. However, for table data options (edit, browse, and copy) the object type need not be known to carry out the operation. Essentially the object type is ignored. It is set to T for display purposes.

RU040E

TABLE CREATED SUCCESSFULLY.

Reason:

The table has been successfully created.

RU058E

NO OBJECTS MEET SELECTION CRITERIA.

Reason:

The program cannot find the object(s) you want.

Action:

Check the spelling of the Item Name and Creator.

RU059E

INVALID SELECTION CODE ENTERED, USE "S" TO SELECT AN OBJECT.

Reason:

An invalid line command has been entered.

Action:

Enter a question mark (?) online command to receive a listing of valid commands. Or, enter "S" to select an object.

RU080E

UNABLE TO LOAD SQL DISPLAY MODULE.

Reason:

The SQL Display Module failed to LOAD because the CA product library DDNAME was not allocated properly. The DDNAME that should be allocated is PTILIB. The data set allocated to this DDNAME should contain the CA software.

RU081E

UNABLE TO LOAD STORED QUERY MODULE.

Reason:

The Stored Query Module failed to LOAD because the CA product library DDNAME was not allocated properly. The DDNAME that should be allocated is PTILIB. The data set allocated to this DDNAME should contain the CA software.

RU082E

CANNOT EDIT SELECTED TABLE. YOU LACK SELECT AUTHORITY.

Reason:

Data from the selected table could not be retrieved because your user ID lacks Select authority.

Action:

Select access needs to be granted to your user ID before you can edit the selected table.

RU083E

STORED QUERY "name" NOT FOUND, CANNOT BE EDITED.

Reason:

You have queried a name that does not exist in the Extended Query Facility (EQF).

Action:

View the names of existing queries by entering an "S" in the Where header field. Select a valid query from the list.

RU084E

DEFAULT STORED QUERY USED.

Reason:

This message lets you know that the Extended Query Facility (EQF) is using the assigned default query.

RU085E

STORED QUERY NOT FOUND AND NO DEFAULT EXISTS.

Reason:

The Extended Query Facility (EQF) cannot find the query name entered.

Action:

View the names of existing queries by entering an "S" in the Where field.

RU086E

NOT ENOUGH STORAGE TO PROCESS STORED QUERIES.

Reason:

An attempt to retrieve the stored query has failed because there is not enough memory to process the query.

Action:

You can release some memory by exiting split screen sessions or increasing the region size.

RU087E

WHERE FIELD ==> VALID OPTIONS ARE (Y), (S), OR (N).

Reason:

An invalid option has been entered in the Where field.

Action:

Enter "Y" to access the Extended Query Facility (EQF), enter "S" to select a query for execution, or enter "N" to not access EQF.

RU088E

AN SQL ERROR HAS BEEN DETECTED IN YOUR SELECTION.

Reason:

You have selected a query from the Extended Query Facility (EQF) by entering the query name in the Where field.

Action:

Check the spelling of the selected query. You can summon a listing of the existing query names by entering an "S" in the Where field.

RU091E

YOU ARE NOT AUTHORIZED FOR THE APPLICATION YOU REQUESTED.

Reason:

Your user ID does not have the authority to access CA RC/Update. Your user ID needs to be granted the authority before you can use CA RC/Update.

RU092E

OPTION MUST BE EDIT (E,FE), BROWSE (B,FB), OR COPY (CO).

Reason:

An invalid option has been entered.

Action:

Enter one of the valid commands.

- E-Edit
- FE-Fast Edit
- B-Browse
- FB-Fast Browse
- CO-Copy

RU093I

ENTER "CANCEL" TO EXIT AND LOSE YOUR CHANGES.

Reason:

You are attempting to cancel out of a procedure.

Action:

Enter "CANCEL" at the command line to exit the procedure. Your changes will not be saved.

RU094I

SQL HAS BEEN PROCESSED SUCCESSFULLY.

Reason:

Informs you that your SQL has processed successfully.

RU095E**ERRORS DETECTED DURING SQL EXECUTION, PLEASE CORRECT AND RETRY.****Reason:**

You have attempted to confirm the SQL statement at the confirmation screen when the SQL statement failed. The errors have been found in your SQL statements.

Action:

Check the accuracy of your SQL statements.

RU096I**THE OBJECTS YOU SELECTED HAVE BEEN DROPPED AND COMMITTED.****Reason:**

Informs you that your selected objects have been successfully dropped from the DB2 catalog.

RU097E**SQL ERROR ENCOUNTERED DURING DROP PROCESS, ROLLBACK ISSUED.****Reason:**

You have attempted to confirm an object's drop at the Drop Confirmation screen. The SQL error encountered stops the program from processing the drop. See the Batch Processor Audit Message File screen to detect the SQL error.

RU098E**EXT invalid for specified Option and Object combination. Press HELP.****Reason:**

You entered the TEXT primary command for an operation that is not supported by the TEXT command. The TEXT command is allowed only for operations that display selection lists (view lists, trigger lists, and table lists) that meet the following criteria:

- Can contain objects having SYSVIEWS or SYSTRIGGERS text
- Supports these kinds of objects

Following are the operations that will build selection lists that allow the TEXT command:

Option	Object
ALTER	Table, trigger, view

Option	Object
EDIT	Table
COPY	Table
CREATE	Synonym
BROWSE	Table
DROP	Table, Trigger, View
FEDIT	Table
TEMPLATE	Table, Trigger, View
FBROWSE	Table

Action:

The command is discarded. No further action is required.

RU099E**SELECTED OPTION/OBJECT COMBINATION IS NOT VALID.****Reason:**

You have entered an option that cannot execute on the object type you have selected. For example, you cannot use the Template option with the object type Referential Integrity. Also, check that the proper option and object codes have been entered in the Option and Object fields.

RU101E

ENTER ONE OF THE LISTED OBJECTS.

Reason:

You have not selected an object.

Action:

Enter one of the valid object types in the Object field.

- SG-Storage Group
- DB-Database
- TS-Tablespace
- RI-Referential Integrity
- T-Table
- I-Index
- V-View
- S-Synonym
- A-Alias

RU102E

NO OBJECTS MATCH SELECTION CRITERIA.

Reason:

The program was unable to find any object(s) that match your selection criteria.

Action:

Check if the Item Name and Creator fields have the correct information.

RU103I

dataset ALLOCATED TO ddname WITH DISP=disposition.

Reason:

This message shows which Batch Mode Dataset has been allocated and displays the data set's disposition.

RU104E

ALLOCATION OF BATCH MODE DATASET HAS FAILED.

Reason:

The Batch Mode Dataset has not been allocated. If you are using the Batch Processor, see the Batch Processor Audit Message File screen for the error's description. If you are not currently using the Batch Processor, the data set you tried to allocate has been allocated by another user. In this case, you can specify another data set name, or you can wait until the data set you want has been freed.

RU105E

OPEN OF BATCH MODE DATASET HAS FAILED.

Reason:

See the Batch Processor Audit Message File screen for the error's description. Also, check that the correct data set name has been used and that the data set does exist already.

RU106I

THE REQUESTED DROP SQL HAS BEEN WRITTEN TO BATCH DATASET.

Reason:

Informs you that the SQL necessary for dropping the selected objects has been written to the your batch data set.

RU107I

THE REQUESTED CREATE SQL HAS BEEN WRITTEN TO BATCH DATASET.

Reason:

Informs you that the SQL for the object you want created has been written to your batch data set.

RU108E**UNABLE TO LOAD DB2 PARM MODULE DSNHDECP.****Reason:**

The program was unable to successfully load the DB2 environmental descriptor load module, DSNHDECP. Failure to load this module could be caused by not having the proper DB2 load libraries allocated. We recommend that you place the DB2 load library in your LINKLIST. You can do this by updating SYS1.PARMLIB member LNKSTxx. If you do not want to place this library in your LINKLIST, you must allocate it to your TSO session STEPLIB. To do this, you must update the appropriate TSO LOGON PROC member of your proclib data set. If this is not possible, you can allocate the DB2 loadlib to the ISPLLIB DDNAME prior to entering the ISPF environment.

RU109I**DB2 ATTACHMENT HAS BEEN TRANSFERRED TO SUBSYSTEM subsystem.****Reason:**

This informational message confirms that you have switched to a different DB2 subsystem.

RU110E**Object &object is not supported on your DB2. Press HELP for more info.****Reason:**

Although you might have specified a valid object, it is not supported on the version of DB2 that you are using or in the mode in which your version of DB2 is running. The object specification cannot be processed.

Action:

Change the object to an object that is supported on your version of DB2 and mode in which it is running.

RU111E**ENTER "P" TO DROP PRIMARY KEY, "F" TO DROP FOREIGN KEY.****Reason:**

An invalid option has been entered.

Action:

Enter "P" or "F" as valid options to drop the primary or foreign key.

RU114E

LINE COMMANDS MUST BE "P" OR "F" FOLLOWED BY NUMBERS ONLY.

Reason:

An invalid command has been entered.

Action:

Enter "Pn" or "Fn" as valid commands to add a column to the primary or foreign key. The number (n) indicates the column's position within the primary or foreign key. Specify a number from 1 to 16.

RU115E

YOU MAY ONLY SELECT ONE OBJECT WITH AN "S."

Reason:

You have attempted to select multiple objects. Only one object may be selected.

Action:

Enter an "S" to select the object.

RU116I

THE SQL HAS BEEN EXECUTED AND COMMIT WORK HAS BEEN ISSUED.

Reason:

Informs you that the SQL statement has been successfully executed and committed.

RU117E

SQL ERROR ENCOUNTERED DURING EXECUTION, ROLLBACK ISSUED.

Reason:

Because an SQL error has been encountered, processing has been canceled. The program analyzes the SQL error at the Audit Message File screen. See the Audit Message File screen to solve the SQL error.

RU118E

option IS INVALID. ENTER ONE OF THE OPTIONS GIVEN BELOW.

Reason:

An invalid option has been entered within Interactive SQL (ISQL).

Action:

Enter one of these valid options.

- S-SQL Execution
- P-Profile
- BP-Batch Processor/Submit
- E-Edit SQL

RU119E

ALIASES ARE NOT SUPPORTED IN THE ATTACHED VERSION OF DB2.

Reason:

You are using a DB2 version lower than V2.2. Aliases are supported in DB2 V2.2 and higher.

RU119W

One or more procedures in the selection list have SQL text in excess of 32K and are not selectable.

Reason:

At least one procedure in the selection list was created with a CREATE or ALTER statement that is longer than your product supports. The current limit is 32767. The affected procedures are highlighted.

These specific procedures are not selectable for an ALTER or TEMPLATE.

Action:

No action is required.

RU120I

HOST VARIABLE VALUES WILL BE CONVERTED TO UPPER CASE VALUES.

Reason:

The CAPS ON command has been entered within Interactive SQL (ISQL). All entered host variable values, regardless if entered in lower or upper case, will be converted to upper case.

RU121I

HOST VARIABLE VALUES WILL BE LEFT IN THE CASE ENTERED.

Reason:

The CAPS OFF command has been entered within Interactive SQL (ISQL). All host variables will remain in the case (upper or lower) you enter.

RU122I

REQUESTED ROW LIMIT "n" HAS BEEN REACHED.

Reason:

Issued within Interactive SQL (ISQL). You have selected "n" number of rows in the Row Limit field. The program informs you that it has retrieved the specified number of rows.

RU123I

NOT ENOUGH MEMORY TO CONTINUE PROCESSING, REQUEST TERMINATED.

Reason:

A memory limitation prevents your request from being processed.

Action:

Possible solutions to release memory are to exit split screen sessions or increase your region size of your Logon Proc. We recommend a region size between 2048 to 3072 KB.

RU126I

SQL STATEMENT RESULT TABLE IS EMPTY.

Reason:

No data matched your selection criteria.

Action:

Try entering other selection criteria.

RU127I

OBJECT DEFINITION EDIT SESSION COMPLETE, NO CHANGES DETECTED.

Reason:

You have selected to alter an object, but you did not make any changes.

RU128I

SQL HAS BEEN WRITTEN TO THE BATCH MODE DATASET.

Reason:

The SQL has successfully been written to the batch data set you have allocated.

RU130E

FREEPAGE VALUE RESET TO MAXIMUM VALUE OF 255.

Reason:

You have selected to use the Index Space Calculation feature. This message appears when you enter a value greater than 255 in the Freepage field. The program automatically inserts the maximum freepage value allowed, which is 255. Enter a number lower than 255 or keep the value at 255.

RU131E

AVERAGE DUPLICATE VALUE RESET TO MAXIMUM VALUE OF 255.

Reason:

You have selected to use the Index Space Calculation feature. This message appears when you enter a value greater than 255 in the Avg Duplicates field. When you press Enter, the program automatically inserts the maximum value (255) as the average number of duplicate indexes.

Action:

Enter a lower number than 255 or keep the value at 255.

RU133E

USER NOT AUTHORIZED FOR RC/Alter PROCESSING FOR THIS OBJECT TYPE.

Reason:

Your user ID does not have the proper authority to alter the object type specified. Proper authority can be granted from the Product Authorization screen.

RU134E

LINK TO RC/Query HAS FAILED.

Reason:

The SQL Display Module failed to LOAD because the CA product library DDNAME was not allocated properly. The DDNAME that should be allocated is PTILIB. The data set allocated to this DDNAME should contain the CA software.

RU135E

RC/Alter: LOAD FOR DSNHDECP, DB2 ENVIRONMENT MODULE, HAS FAILED.

Reason:

The program was unable to successfully load the DB2 environmental descriptor load module, DSNHDECP. Failure to load this module could be caused by not having the proper DB2 load libraries allocated. We recommend that you place the DB2 load library in your LINKLIST. You can do this by updating SYS1.PARMLIB member LNKLISTxx. If you do not want to place this library in your LINKLIST, you must allocate it to your TSO session STEPLIB. To do this, you must update the appropriate TSO LOGON PROC member of your proclib data set. If this is not possible, you can allocate the DB2 loadlib to the ISPLLIB DDNAME prior to entering the ISPF environment.

RU141E

RC/SQL: YOU MUST SUPPLY A VALUE FOR EACH HOST VARIABLE.

Reason:

A host variable value has been omitted within Interactive SQL (ISQL).

Action:

Enter a value for each host variable.

RU142E

LINK TO REQUESTED SERVICE MODULE FAILED.

Reason:

The program was unable to link to the requested service module.

Action:

Check that the PTILIB DDNAME is properly allocated to the CA product library.

RU143E**I/O ERROR ENCOUNTERED DURING PTILIB BLDL.****Reason:**

The program was unable to construct the BUILD DIRECTORY ENTRY LIST (BLDL) due to a permanent I/O error. This could be caused by a hardware error or a corruption of the data sets holding the CA products.

Action:

Check that the PTILIB DDNAME is properly allocated to the CA product library. If that allocation is correct and the problem persists, check with your DASD manager to see if there is a hardware error.

RU144E**PTILIB BLDL UNABLE TO LOCATE ONE OR MORE RC/Update MODULES.****Reason:**

The program was unable to construct the BUILD DIRECTORY ENTRY LIST (BLDL) due to one or more entries not being found in the PTILIB DDNAME library. This could be caused by not having PTILIB allocated to the correct data set or not allocated at all.

Action:

Check that PTILIB DDNAME is correctly allocated to the CA products library.

RU145E**PTILIB BLDL FAILED DUE TO INSUFFICIENT VIRTUAL STORAGE.****Reason:**

The program was unable to construct the BUILD DIRECTORY ENTRY LIST (BLDL) due to insufficient virtual storage.

Action:

Check that you are logged onto TSO with at least 3000K for your region size.

RU146E

PTILIB BLDL FAILURE.

Reason:

The program was unable to construct the BUILD DIRECTORY ENTRY LIST (BLDL). This could be caused by not having PTILIB allocated to the correct data set or not allocated at all.

Action:

Check that PTILIB DDNAME is correctly allocated to the CA products library.

RU147I

COLUMN CONTAINS NONDISPLAYABLE DATA, ISPF EDIT/BROWSE INVOKED WITH "HEX ON".

Reason:

You are using the EXPLODE command to view a column that contains non-displayable characters in RC/Edit or RC/Browse. Informs you that the HEX ON command is automatically toggled "on" by the non-displayable characters. Use the HEX OFF command to toggle the command off.

RU148I

DROP RECOVERY ANALYSIS HAS BEEN TERMINATED BY ATTENTION.

Reason:

Drop Recovery analysis was canceled at your request after detecting an ATTENTION interrupt.

RU149E

DROP RECOVERY ANALYSIS COMPLETED WITH ERRORS. PF1 FOR MORE INFO.

Reason:

Indicates that one or more errors were encountered during Drop Recovery analysis. More specific information about the errors encountered can be found on the Drop Confirmation screen.

Action:

Read the detailed error information carefully. It is possible that the errors encountered have prevented any recovery information from being generated. The generated recovery DDL may be viewed by entering LISTR at the Drop Confirmation screen command line.

RU150I

Analysis Options have been set.

Reason:

The analysis options you entered have been set. They have not been saved.

Action:

To make any additional changes to the Analysis Options, enter Y in the UPDATE OPTIONS field at any time before launching the analysis. To save these Analysis Options, enter SAVE on the Analysis Options panel.

RU151I

Your Analysis Options have been saved.

Reason:

The analysis options have been saved in your ISPF profile pool. These options will be the default Analysis Options for all subsequent alteration analyses.

RU152E

You have entered an invalid command.

Reason:

An invalid command has been entered.

Action:

To see a list of valid commands, enter a question mark (?) at any screen.

RU153I

Online Analysis has been terminated by ATTN.

Reason:

The analysis of your alteration request has been canceled by ATTN. When you press ATTN, the analysis processing cancels and produces no analysis output.

RU154E

Invalid Drop Impact control option. Valid values: Y and N.

Reason:

Indicates that you entered an invalid value for the Drop Impact control option. The Drop Impact control option indicates whether you want a report generated that shows the objects that will be impacted by your drop request. Valid values are Y and N.

- Y-Generates and displays a report showing the objects that will be impacted by the impending drop. Specifying this option causes a separate Drop Impact Analysis to be performed for the selected object and may also cause the generation of the DDL to take longer.
- N-Causes the Drop Impact report to be neither generated nor displayed. Specifying this option suppresses the Drop Impact Analysis for the selected object, which may improve the expediency in which its drop DDL is generated.

Entering SAVE on the primary command line saves your changes and will make them the new default settings for this screen and for all subsequent objects selected with S or SO.

- When multiple objects are concurrently selected, saving your options with the SAVE command before all objects are processed will cause each subsequent unprocessed object in your current selection, which was selected with the S command, to inherit the new default option settings.
- When multiple objects are concurrently selected, specifying Y for the Drop Impact control option and then saving your options with the SAVE command before all objects are processed will cause each subsequent unprocessed object in your current selection that was selected with the S command, to also generate and display a Drop Impact report.

RU154I

INVALID OPTION ENTERED FOR DROP IMPACT DISPLAY. PRESS HELP FOR INFO.

Reason:

You have selected an option that is not recognized. The valid options are as follows:

- Y-Causes a display to be produced showing the objects impacted by the impending drop.
- N-Suppresses the drop impact display, and the analysis which is required to produce it.

Changes made at this screen will not be saved to your Drop/Recovery Parameters unless you enter SAVE on the command line. Once you have made your change, press PF3/15 for the DDL Confirmation screen.

RU155E

Internal error during Model Services processing.

Reason:

An unrecoverable internal error has been detected during Model Services processing. The most likely cause of this type of error is an invalid modification of a Model ID or a model library. You should check the status of the Model Services data sets and tables with the appropriate person at your location.

Action:

If an explanation for the problem is not evident, contact Technical Support for assistance. Before doing so, prepare faxable copies of the UNLOAD, LOAD, REORG, IMAGE COPY, RUNSTATS, and CHECK utility models from the Model ID you were using during the attempt to copy.

RU156I

Your Drop Recovery options have been saved.

Reason:

Indicates that your Drop Recover Options have been saved in your ISPF profile pool. These will be your initial default options the next time the RC/Update Drop Recovery Options panel displays. They will also be the default options used for all subsequent objects in your current selection as well as future drop requests made with the R line command.

When multiple objects are concurrently selected, saving your options with the SAVE command before all objects are processed will cause each subsequent unprocessed object in your current selection that was selected with the R command, to inherit the new default option settings.

RU157I

Recovery Options have been set.

Reason:

The recovery options you entered have been set. They have not been saved.

Action:

To make any additional changes to the Recovery Options, enter U in the RECOVERY field at any time before launching the analysis. To save these Recovery Options, enter SAVE on the Recovery Options panel.

RU158I

Your Recovery Options have been saved.

Reason:

Recovery options have been saved in your ISPF profile pool. These options will be the default Recovery Options for all subsequent alteration analyses.

RU159I

Your Drop Options have been saved.

Reason:

Indicates that your Drop Options have been saved in your ISPF profile pool. These will be your initial default options the next time the RC/Update Drop Options panel displays. They will also be the default options used for all subsequent objects in your current selection as well as future drop requests made with the S line command.

Note the following:

- When multiple objects are concurrently selected, saving your options with the SAVE command before all objects are processed will cause each subsequent unprocessed object in your current selection that was selected with the S command, to inherit the new default option settings.
- When multiple objects are concurrently selected, specifying Y for the Drop Impact control option and then saving your options with the SAVE command before all objects are processed will cause each subsequent unprocessed object in your current selection that was selected with the S command, to also generate and display a Drop Impact report.

RU160E

INCOMPLETE CHARACTER STRING ENCOUNTERED WHILE PARSING SQL.

Reason:

Your SQL statement does not contain a closing single quote (').

Action:

Check your SQL statement and enter the closing single quote.

RU161E**INCOMPLETE HOST VARIABLE NAME ENCOUNTERED WHILE PARSING SQL.****Reason:**

Your SQL statement contains a Host Variable indicator (for example, the ":" character), but the end of the SQL statement was reached before encountering the Host Variable name.

RU162E**INCOMPLETE HEX CHARACTER STRING ENCOUNTERED WHILE PARSING SQL.****Reason:**

This message appears when you use the SQL Editor's PARSE command and RC/SQL encounters an incomplete hex character string. The hex character string is denoted by an 'X' followed by a sequence of characters that starts and ends with a string delimiter, such as a quote (") or apostrophe (').

Action:

Check that you have included the delimiters before and after the sequence of characters.

RU163E**YOUR SQL STMT CONTAINS A SYNTAX ERROR. PLEASE CORRECT. PF1 FOR HELP.****Reason:**

This error message displays when one of the following syntax errors has been detected in your SQL statement: 1.) A closing apostrophe is missing from a character string constant. The statement contains a host variable indicator, but the end of the SQL statement is reached before the host variable name has been encountered. 2.) Check your SQL statement for one of these syntax errors.

RU170E

YOU HAVE ENTERED AN INVALID COLOR. ENTER HELP FOR MORE INFO.

Reason:

An invalid color code has been entered on the Set Screen Colors Profile screen.

Action:

Enter a valid color code at the appropriate field. Valid color codes are as follows:

- W-White
- R-Red
- P-Pink
- Y-Yellow
- B-Blue
- G-Green
- T-Turquoise

RU173E

INVALID DATA ENTERED FOR SECURITY. PRESS HELP FOR MORE INFO.

Reason:

An invalid value has been entered in the Security field. Valid values are as follows:

- Y-Generate authority (GRANTS) for all objects that are included in the alteration.
- N-Do not specify this analysis option.

RU176E**INVALID DATA ENTERED FOR ALL ROWS. PRESS HELP FOR MORE INFO.****Reason:**

Invalid values have been entered. Valid values for All Rows are as follows:

- Y-Generate UNLOAD and LOAD sequences for all the tables involved in the alteration. This lets you move the table along with the objects you are altering. The UNLOAD utility will perform all necessary conversions to satisfy any object redefinitions that have been specified as part of the strategy. If you enter "Y" to unload all rows, you must leave the Number Rows field blank.
- N-Leave the data behind and start with empty tables after the alteration. If you enter N to limit the number of rows unloaded, you must enter a number in the Number Rows field.

Note: If you have any specified UNLOAD options on tables during strategy specifications, this will not override those, but it will fill in for any unspecified entries.

RU177E**INVALID DATA ENTERED FOR NUMBER ROWS. PRESS HELP FOR MORE INFO.****Reason:**

An invalid value has been entered. Valid values include any number between 0 and 99999999 and the blank.

Action:

Specify a number to have that many number of rows unloaded from all tables involved in the alteration. The UNLOAD utility will perform all necessary conversions to satisfy any object redefinitions that will have been specified as part of the strategy. If you enter a value in the Number Rows field, you must enter "N" in the All Rows field.

RU178E**INVALID DATA ENTERED FOR ANALYSIS HEADER. PRESS HELP FOR MORE INFO.****Reason:**

An invalid value has been entered in the Analysis Header. Valid values are as follows:

- Y-Generate a report of strategy specifications and analysis options generated first in the analysis output data set.
- N-Do not generate the report section of the analysis.

RU179E

INVALID DATA ENTERED FOR IMPACT ANALYSIS. PRESS HELP FOR MORE INFO.

Reason:

An invalid value has been entered. The summary report lists all the objects for which DDL has been generated. An indicator lets you know if the object definition has been edited. Valid values are as follows:

- Y-Generate a summary report at the end of the analysis output data set.
- N-Do not generate the report section of the analysis output.

RU180E

INVALID DATA ENTERED FOR DATA STATISTICS. PRESS HELP FOR MORE INFO.

Reason:

An invalid value has been entered in the Data Statistics field. Valid values are as follows:

- Y-Have the analysis program to issue a SELECT COUNT (*) statement for each table whose data is to be moved. This lets you have an estimate of the amount of data that will be involved in your alteration execution. These numbers will be reported in the Impact Analysis section of your output.
- N-Do not incur the overhead of this processing.

Note: Because SELECT COUNT (*) processing causes a table space scan to run, this option greatly increases the execution time and overhead of your analysis.

RU181E

INVALID DATA ENTERED FOR RUNSTATS. PRESS HELP FOR MORE INFO.

Reason:

An invalid value has been entered. Valid values are as follows:

- Y-Have Runstats control cards generated for all involved table spaces and indexes. The Runstats utility will be executed to update your catalog statistics when your alteration executes.
- N-Do not have Runstats control cards generated.

RU182E**INVALID DATA ENTERED FOR CHECK DATA. PRESS HELP FOR MORE INFO.****Reason:**

An invalid Check Data value has been entered. The utility checks table spaces for violations of referential constraints and reports information about detected violations. Valid values are as follows:

- Y-Generate Check control cards for any table space left in check pending status after the LOAD portion of the strategy. Run the CHECK utility for any tables loaded with ENFORCE=NO. (All foreign key alters will have been loaded with ENFORCE=NO).
- N-D not generate Check control cards. If you select "N", tables with referential Integrity may be placed in a check pending status.

RU183E**INVALID DATA ENTERED FOR IMAGE COPY. PRESS HELP FOR MORE INFO.****Reason:**

An invalid value has been entered in the Image Copy field. Valid values are as follows:

- Y-Generate the Image Copy control cards for all involved table spaces. The Image Copy control cards are generated when the alteration executes.
- N-D not generate the Image Copy control cards.

RU184E**INVALID DATA ENTERED FOR LOG LOAD. PRESS HELP FOR MORE INFO.****Reason:**

An invalid value has been entered for Log Load. Valid values are as follows:

- Y-Generate any LOAD utility executions to run with the Log option. If you choose "Y," your affected table spaces will not be in copy pending status following the execution of the LOAD.
- N-D not use the LOG option of the LOAD utility. If you choose "N," your table spaces will be in copy pending status. An Image Copy is required to run before any tables within the table spaces can be updated.

RU185E

INVALID DATA ENTERED FOR REBIND PLANS. PRESS HELP FOR MORE INFO.

Reason:

An invalid value for the Rebind Plans field has been entered. Valid values are as follows:

- Y-Run REBIND on any dependent plans. Entering Y causes the REBIND to run after all object creation and table LOADs.
- N-Do not run REBIND on dependent plans.

RU186E

INVALID DATA ENTERED FOR REBIND ONLY. PRESS HELP FOR MORE INFO.

Action:

Enter R for this option to run REBIND on any dependent plans. This will cause the REBIND to run after all object creation and table loads. Enter B for this option to run BIND on any dependent plans. This will cause the BIND to run after all object creation and table loads. If your original BIND used a concatenation of PDS libraries for its DBRMs, you should check the order of the concatenation in the analysis file to make sure it is correct. Enter N if you do not want to REBIND dependent plans.

RU189E

INVALID DATA ENTERED FOR DELETE UNLOAD. PRESS HELP FOR MORE INFO.

Reason:

An invalid value has been entered in the Delete Unload field. Enter "Y" or 'N.'

- Y-Automatically delete the Unload data sets at the end of the alteration execution. These Unload data sets are dynamically allocated as part of the Unload utility process.
- N-D not delete the UNLOAD data sets after the alteration execution. You must manually delete the Unload data sets at a later time.

RU190E

INVALID DATA ENTERED FOR DELETE TEMPORARY. PRESS HELP FOR MORE INFO.

Reason:

An invalid value has been entered in the Delete Temporary field. Temporary data sets are generated for utility error and discard data sets. Valid values are as follows:

- Y-Have all temporary data sets deleted at the end of the alteration execution.
- N-Have all temporary data sets remain after alteration execution. If you choose "N," you must manually delete the temporary data sets later.

RU191I

SEGSIZE RESET TO NEAREST MULTIPLE OF 4 LESS THAN 68. PF1 FOR HELP.

Reason:

The specified table space segment size was invalid. The segment size has been reset to the nearest multiple of 4.

RU192I

BATCH PROCESSOR STATEMENTS WERE NOT WRITTEN TO THE BATCH DATASET.

Reason:

The batch processor statements required to copy the source table to the target table were not written to the data set.

RU193I

INVALID DATA ENTERED FOR UPDATE MODEL. PRESS HELP FOR MORE INFO.

Reason:

You have entered an invalid value in the Update Model field.

Reason:

Enter Y to update the model ID you entered in the Model ID prompt. Enter N if you do not want to edit the model ID now.

RU194E

INVALID DATA ENTERED FOR NO .AUTHS. PRESS HELP FOR MORE INFO.

Reason:

You have entered an invalid value in the Auth field.

Action:

Enter Y to request that .AUTH statements be generated for the Batch Processor. Enter N to suppress the generation of .AUTH statements.

RU195E

INVALID DATA ENTERED FOR DROP IMPACT. PRESS HELP FOR MORE INFO.

Reason:

You have entered an invalid value in the Drop Impact field.

Action:

Enter Y to request that a Drop Impact screen be displayed before a drop is processed. Enter N to suppress the Drop Impact screen display.

RU196I

DROP RECOVERY TERMINATED BY REQUEST. PRESS HELP FOR MORE INFO.

Reason:

You have terminated a Drop Recovery function by pressing PF3/15 from the Drop Impact screen. None of the drops have been performed.

RU198W

The SET CURRENT SQLID = '???????' failed. Press HELP for more info.

Reason:

The SET CURRENT SQLID statement issued to DB2 has failed. A connection to DB2 was established and the CURRENT SQLID special register defaulted to your primary authorization ID. This message will continue to be issued on subsequent connections to DB2 until the problem with the SQLID has been corrected. Refer to the negative SQLCODE that was previously displayed on the SQL ERROR panel for further details.

The most common cause of this problem is when the SQLID has been set to a value that is not your primary authorization ID and is not one of your secondary authorization IDs. In this case, a -553 SQLCODE will be issued on the SQL ERROR panel prior to receiving this message. You can use the SET CURRENT SQLID primary command to change the value of SQLID to be your primary authorization ID or one of your secondary authorization IDs. Alternately, you can exit back to the DB2 Products Main Menu and change the SQLID on that menu.

RU200E

UNABLE TO SAVE RECOVERY DDL. PRESS HELP FOR MORE INFO.

Reason:

An SQL error occurred while trying to save the generated dropped object's recovery DDL. An SQL error message panel describing this error more in detail should have already displayed. The information displayed should help you diagnose and correct the problem.

RU201E

DROPPED OBJECT RECOVERY DDL HAS NOT BEEN GENERATED. PF1 FOR MORE INFO.

Reason:

The dropped object's recovery DDL has not been generated. Recovery DDL generates only if an object is dropped by a recoverable drop (R or RO drop options). If used a recoverable drop to drop the object, an error condition has prevented the program from generating any recovery information.

Action:

Check the Drop Confirmation screen for a detailed description of the error.

RU202E

NOT ENOUGH MEMORY TO PROCESS PRIMARY COMMAND. PF1 FOR MORE INFO.

Reason:

A getmain request for additional storage has failed due to memory limitations. As a result, the program was unable to process your request.

Action:

As a solution, try increasing your region size. We recommend a region size between 2048 to 3072 KB.

RU203E

INVALID DATA ENTERED FOR SECURITY. PRESS HELP FOR MORE INFO.

Reason:

An invalid value has been entered at the Security field. The Security field specifies whether the security associated with the dropped object is to be saved. Valid values are "Y" and "N."

Action:

Enter "Y" to save the security. Or, enter "N" to make the security non-recoverable.

RU204E

INVALID DATA ENTERED FOR ALL ROWS. PRESS HELP FOR MORE INFO.

Reason:

An invalid value has been entered at the All Rows field. The All Rows field specifies whether all the data contained in the dropped tables is to be unloaded. Valid values are as follows:

- Y-Unload all rows from the tables selected to be dropped.
- N-D not unload the data to a data set.

RU205E**INVALID DATA ENTERED FOR NUMBER ROWS. PRESS HELP FOR MORE INFO.****Reason:**

An invalid value has been entered. Valid values are 0 to 99999999 and blank. The Number Rows field limits the number of rows to be unloaded.

Action:

Specify the number of rows that should be unloaded (0 to 99999999). For example, if you entered 100 in this field, the first 100 rows will be unloaded and saved. If you enter a value in this field, you must specify "N" to the All Rows field. If you do not want to specify a number of rows, leave this field blank.

RU206E**Invalid VSAM Dataset delete option. Valid values: Y and N.****Reason:**

Indicates that you entered an invalid value for the VSAM Dataset delete option. The VSAM Dataset delete option indicates whether or not you want the user-defined VSAM datasets belonging to the object to be deleted as well. Valid values are Y and N.

- Y-Delete the object's user-defined VSAM data sets after the object is dropped.
- N-Do not delete the object's user-defined VSAM datasets. The object will be dropped and its user-defined VSAM datasets will remain intact.

Entering SAVE on the primary command line saves your changes and will make them the new default settings for this screen and for all subsequent objects selected with S or SO.

Note the following:

- When multiple objects are concurrently selected, saving your options with the SAVE command before all objects are processed will cause each subsequent unprocessed object in your current selection that was selected with the S command, to inherit the new default option settings.
- When multiple objects are concurrently selected, specifying Y for the VSAM Dataset delete option and then saving your options with the SAVE command before all objects are processed will cause each subsequent unprocessed object in your current selection that was selected with the S command, to also have its user-defined VSAM datasets deleted.

RU207E

INVALID DATA ENTERED FOR RUNSTATS. PRESS HELP FOR MORE INFO.

Reason:

An invalid value has been entered in the Runstats field. The value entered determines if the Runstats utility should be executed against the recovered table. Runstats gathers statistics and stores the statistics in the DB2 Catalog. Valid values are as follows:

- Y-Have the cards needed to execute the Runstats utility generated.
- N-Do not have the Runstats utility executed.

RU208E

INVALID DATA ENTERED FOR CHECK DATA. PRESS HELP FOR MORE INFO.

Reason:

An invalid value has been entered at the Check Data field. Valid values are as follows:

- Y-Have the Check control cards generated for those table spaces that will be left in check pending status after the LOAD.
- N-Do not have Check control cards generated for the recreated data.

RU209E

INVALID DATA ENTERED FOR IMAGE COPY. PRESS HELP FOR MORE INFO.

Reason:

An invalid value has been entered in the Image Copy field. Valid values are as follows:

- Y-Have Image Copy cards generated for the recreated data.
- N-Do not have Image Copy utility cards generated.

RU210I

DROP SQL HAS BEEN WRITTEN TO BATCH DATASET, AND RECOVERY DDL SAVED.

Reason:

Your DROP SQL has been written to the allocated BATCH mode data set. The generated recovery DDL has been inserted into the recovery table.

RU211I

DROP SQL HAS EXECUTED SUCCESSFULLY. RECOVERY DDL HAS BEEN SAVED.

Reason:

Your DROP SQL has been successfully executed and committed. The DDL necessary to recover the dropped objects has been saved in the recovery table.

RU212E

SQL ERROR DETECTED DURING DROP PROCESSING. RECOVERY DDL WAS SAVED.

Reason:

An SQL error has occurred during drop processing. A rollback has been issued. However, the generated recovery DDL has been saved in the recovery table.

RU213E

SORT COMMAND NOT ALLOWED WHILE IN EXPLODE MODE. PF1 FOR MORE INFO.

Reason:

This error message appears when you request a SORT while in EXPLODE mode, which displays the objects' dependent objects. Sorting is not allowed while in EXPLODE mode. If you want to use SORT, first unexplode the dependent objects with the SHRINK command, and then reenter your SORT command.

RU214I

RECOVERY DDL FOR object_name.

Reason:

The program informs you that it is processing the recovery DDL for the selected object.

RU215E

INVALID LINE COMMAND. ENTER D, E, I OR R. PRESS PF1 FOR MORE INFO.

Reason:

An invalid line command has been entered at the Space Calculation screen. Enter one of the following commands.

- D-Delete the entered line.
- E-Explode the view to list the Table Information in a more detailed format.
- I-Insert a new line.
- R-Repeat a line.

RU216E

ROW LENGTH MUST BE NUMERIC. PRESS PF1 FOR MORE INFO.

Reason:

Character data has been entered for the Row Length. Enter a number. The Row Length is your estimate of how long each row can be.

RU217E

QUANTITY MUST BE NUMERIC. PRESS PF1 FOR MORE INFO.

Reason:

Character data has been entered for the Quantity. Enter a number. The Quantity refers to the Quantity Type field (from the Control Parameters section). The number indicates the number of units for the specified Quantity Type (row, track, or cylinder).

RU218E

SEG SIZE MUST BE A MULTIPLE OF 4 LESS THAN 64. PF1 FOR MORE INFO.

Reason:

You have entered an invalid value in the Seg Size field. The value entered in this field represents the table space segment size. Valid values are multiples of 4, from 0 to 64. For example, 0, 4, 8, 12...64 are valid values.

Action:

To correct this problem, enter a valid value in the Seg Size field and press Enter.

RU219I

ENTER "TOTALS" COMMAND TO VIEW CALCULATED TOTAL SPACE STATISTICS. PF1 FOR HELP.

Reason:

The total DASD space requirements for your table space have been calculated.

Action:

To view the calculated space statistics, enter "T" or "TOTALS" in the Space Calculation screen's command line. Press Enter. The calculated totals appear at the bottom of your screen. To remove the totals from the screen, enter "T" or "TOTALS" again in the command line. The (T)OTALS command works as a toggle. The displayed totals are recalculated each time you change the input information.

RU220E

Invalid line command. Enter S, SO, R, RO or valid RC/Query option.

Reason:

On the drop panel, the specified line command or CA RC/Query option is invalid or unrecognizable for the type of object being dropped. The invalid value is highlighted, and the cursor is positioned for you.

Action:

Enter a valid CA RC/Update Drop line command or CA RC/Query option.

Note: For descriptions of valid CA RC/Update Drop line commands, see the online help. To invoke CA RC/Query and display its valid options for a specific object based on its type, enter ? next to the object.

Use the CANCEL command to discard your changes and return to the previous panel.

RU221E

AN INCOMPLETE BLOCK DELETE COMMAND HAS BEEN ENTERED. PF1 FOR HELP.

Reason:

You have entered an unpaired block delete command. A valid block delete command consists of a pair of "DD" selection codes. The paired "DD" selection codes delimit a group of consecutively displayed rows that are to be deleted from the recovery table.

RU222E

DELETION OF OBJECTS DROPPED BY OTHER USERS NOT ALLOWED. PF1 FOR HELP.

Reason:

You have selected to delete objects dropped by other users. You are only authorized to delete recovery information for objects dropped by your own TSO user ID. The ability to delete recovery information generated by other users requires one of the following special privileges:

- SYSADM authority within DB2.
- Drop/Recovery DELETE Table privilege. This privilege can be granted to users using the Product Authorization System.

RU223E

ALL TARGET COLS THAT ARE NOT NULL WITHOUT DEFAULT MUST BE MAPPED TO.

Reason:

You have not mapped a source column to one or more target table columns defined as 'NOT NULL'. A value must be specified for all target table columns defined as 'NOT NULL' to prevent the copy from failing when DB2 attempts to insert a null value into the non-nullable target columns. You can correct the problem by assigning a source column number to each target column defined as 'NOT NULL'. This is accomplished by entering the COL from the source list into the MAP# of the target list.

RU224E

HIGHLIGHTED MAP# IS TOO LARGE FOR SOURCE. PRESS HELP FOR MORE INFO.

Reason:

You have entered an invalid MAP#. The number you have specified is greater than the highest COL# in the source table. Enter one of the COL#'s from the source list into the MAP# field of the target list.

RU225E

HIGHLIGHTED MAP#'S SPECIFY INCOMPATIBLE SOURCE TYPES. PF1 FOR HELP.

Reason:

You have requested source-to-target column mapping for an unsupported data-type conversion. See the table of supported data-type conversions in the product documentation.

RU226E

INVALID MAP#'S HAVE BEEN HIGHLIGHTED. PRESS HELP FOR MORE INFO.

Reason:

You have entered one or more invalid MAP# values. The values specified at the MAP# prompt must match one of the numbers listed under the COL# heading of the Source Table Column List.

RU227E

SQL ERROR ENCOUNTERED DURING OBJECT DEFINITION RETRIEVAL. PF1 FOR HELP.

Reason:

The program was unable to process your DROP request due to an SQL error. The SQL error occurred while the program was attempting to retrieve the selected object's definition from the DB2 catalog. An SQL error message panel describing the specific error should have already been displayed.

RU228I

SELECTED OBJECT HAS ALREADY BEEN DROPPED. PRESS HELP FOR MORE INFO.

Reason:

No DROP statement has been generated for the selected index. A DROP statement was not generated because a previously generated DROP statement, which has already been written to your Batch data set, will drop the selected index.

RU229E

RECOVERY DATASET AND ALTERATION DATASET MUST NOT MATCH. PF1 FOR HELP.

Reason:

The specified recovery data set is the same as the alteration data set. These two data sets must be unique. Specify a different recovery data set or a different alteration data set.

RU230E

THE TABLE YOU REQUESTED DOES NOT EXIST.

Reason:

This messages indicates that the source table requested for RC/Copy does not exist.

RU231I

CANCEL DETECTED FROM DATA QUERY SERVICE.

Reason:

A CANCEL command was detected from the Data Query service.

RU232I

YOU HAVE NOT SELECTED ANY SOURCE COLUMNS TO COPY.

Reason:

No source table columns have been selected.

RU233E

THE TARGET TABLE YOU REQUESTED DOES NOT EXIST.

Reason:

Indicates that the target table you requested does not exist, and the autocreate option was set to *No*. When autocreate is set to No, the target table cannot be created. It must already exist.

RU234E

THE TARGET TABLE YOUR REQUESTED EXISTS, CANNOT AUTOCREATE.

Reason:

The target table you requested already exists, and the autocreate option is set to *Yes*. When autocreate is set to Yes, the target table cannot already exist.

RU235E

SPECIFY TARGET TABLE NAME AND/OR CREATOR.

Action:

You must specify the target table name or the target table creator before the copy can be completed.

RU236E

TARGET DATABASE AND TABLESPACE ARE REQUIRED WHEN AUTOCREATING A VIEW.

Action:

You must specify the target database and target tablespace before autocreating a view.

RU237E

TARGET TABLE CREATION HAS FAILED.

Reason:

The target table autocreation has failed.

RU238I

THE NUMBER OF ROWS YOUR QUERY WOULD COPY IS count.

Reason:

The number of rows your query will copy, if you choose to execute it. In batch mode, if you also specify a row limit, the query will copy the rows selected (this number), or the row limit; whichever is smaller.

RU239I

YOU HAVE NOT CHOSEN ANY COLUMNS TO MAP TO TARGET TABLE.

Reason:

No source table columns have been mapped to the target table.

RU240E

NOT ENOUGH MEMORY TO HOLD TARGET TABLE COLUMNS.

Reason:

There is not enough memory to hold the target table column descriptions.

RU241I

count ROWS HAVE BEEN COPIED SUCCESSFULLY.

Reason:

The number of rows that have been copied.

RU242I

ROW LIMIT WILL NOT BE USED IN ONLINE MODE.

Reason:

The Row Limit is only used in batch copies. It is ignored during online copies.

Action:

If a row limit is required, switch to batch mode and perform the copy.

RU243I

UTILITY OPTIONS ARE NOT USED IN ONLINE MODE.

Reason:

The Utility Options are only used in batch copies. They are ignored during online copies.

Action:

If you must use the Utility Options, perform the copy as a batch job.

RU244I

TARGET DB2 SSID MAY NOT BE UPDATED IN ONLINE MODE.

Reason:

The Target DB2 SSID can only be updated in batch copies. You cannot change it for an online copy.

Action:

If you must change the target DB2 SSID, submit the job as a batch copy.

RU245I

BP STATEMENTS GENERATED, WILL BE WRITTEN TO DATASET AT ALLOCATION.

Reason:

The batch processor statements needed to copy the source table to the target table have been written to the batch data set.

RU246W

THE SPECIFIED TARGET DATABASE DOES NOT EXIST, BUT WILL BE USED.

Reason:

The target database does not currently exist, but the copy will be performed as entered. In batch mode, the batch data set may be submitted for execution at a later time. As long as the database exists at execution time, the autcreate and copy into the target table should complete successfully.

RU247W

THE SPECIFIED TARGET TABLESPACE DOES NOT EXIST, BUT WILL BE USED.

Reason:

The target tablespace does not currently exist, but the copy will be performed as entered. In batch mode, the batch data set may be submitted for execution at a later time. As long as the tablespace exists at execution time, the autcreate and copy into the target table should complete successfully.

RU248E

THE SPECIFIED TARGET DATABASE DOES NOT EXIST.

Reason:

The target database does not currently exist. In online mode, the database must exist, or the autcreate and table copy will fail. Verify that the correct database name was entered.

RU249E

THE SPECIFIED TARGET TABLESPACE DOES NOT EXIST.

Reason:

The target tablespace does not currently exist. In online mode, the tablespace must exist, or the autcreate and table copy will fail.

Action:

Verify that the correct tablespace name was entered.

RU250E

TARGET TABLE IS SELF REFERENCING. BATCH MODE COPY MUST BE PERFORMED.

Reason:

The specified target table is self-referencing. You can only use self-referencing tables in batch mode.

RU251E

PROFILE VALUES ARE NOT AVAILABLE. PRESS HELP FOR MORE INFORMATION.

Reason:

The values of the Utility parameters retrieved from the ISPF Profile are invalid.

Action:

You must enter Utility parameters before using the batch copy function.

RU252I

ALTERNATE CATALOG MAPPING IS ACTIVE.

Reason:

Alternate Catalog Mapping (ACM) is being used at this time.

RU253I

ALTERNATE CATALOG MAPPING IS NOT ACTIVE.

Reason:

Alternate Catalog Mapping (ACM) is not being used at this time.

RU254E

ANALYSIS MODEL ID MUST BE CHECKED. PRESS HELP FOR MORE INFORMATION.

Reason:

The model ID specified on the Analysis Options screen is invalid.

RU255E

RECOVERY MODEL ID MUST BE CHECKED. PRESS HELP FOR MORE INFORMATION.

Reason:

The model ID specified on the Recovery Options screen is invalid.

RU256E

INVALID DATA ENTERED FOR UPDATE MODEL. PRESS HELP FOR MORE INFORMATION.

Reason:

The Update Model option specified is not valid.

Action:

Enter a *Y* to update the model ID; otherwise enter *N*.

RU257I

THE MODEL ID MUST NOT BE BLANK.

Action:

You must specify a model ID. If you do not want to use a customized model ID, enter @DEFAULT, the default model ID.

RU258E

ENQ FOR DATASET FAILED. MEMBER IS CURRENTLY IN USE.

Reason:

Indicates that an ENQ for a data set has failed. The member which has been requested is currently in use, by you or by another user.

RU259E

AN ERROR OCCURRED DURING MODEL SUBSTITUTION.

Reason:

Indicates that an error occurred during utility model processing.

RU300E

INVALID DATA ENTERED FOR LOG LOAD. PRESS HELP FOR MORE INFO.

Reason:

The Log Load is a utility option field that lets you decide if the Load utility should be executed with the LOG option. Valid values for Log Load are as follows:

- Y-Have the information logged. If you select "Y," your affected table spaces will not be in copy pending status following the execution of LOAD.
- N-Do not use the Log option. If you select N, your table spaces will be in copy pending status and will require an Image Copy to be run before any tables within the table spaces can be updated.

RU301E

INVALID DATA ENTERED FOR DELETE UNLOAD. PRESS HELP FOR MORE INFO.

Reason:

An invalid value has been entered for the Delete Unload field. Delete Unload refers to the data set that holds the object's recoverable data. Valid values are as follows:

- Y-Delete the Unload data set after the object is recovered.
- N-Do not delete the data set.

RU302E

INVALID DATA ENTERED FOR DELETE TEMPORARY. PRESS HELP FOR MORE INFO.

Reason:

An invalid value has been entered for the Delete Temporary field. Delete Temporary refers to temporary data sets that are generated for utility error and discard data sets. Valid values are as follows:

- Y-Delete all temporary data sets after the object is recovered.
- N-Retain the temporary data sets. If you select "N", you must manually delete these data sets later.

RU303E

INVALID LINE COMMAND, ENTER "S", "E", OR "D". PRESS HELP FOR MORE INFO.

Reason:

You have entered an invalid line command. Valid line commands are as follows:

- S-Select to recover an object from the Object Recovery List.
- E-EXPLODE the view to show the dropped object's dependent objects.
- D-Delete a dropped object's recovery DDL from the recovery table.

RU304E

THE SPECIFIED DATASET IS NOT PARTITIONED. PRESS HELP FOR MORE INFO.

Reason:

A member name has been specified for a non-partitioned data set.

RU305E

DISPOSITION OF MOD NOT VALID FOR PDS. PRESS HELP FOR MORE INFO.

Reason:

You have requested allocation of a partitioned data set with a disposition of MOD. MOD is valid only for non-partitioned sequential data sets.

RU306I

RECOVERY DDL HAS BEEN WRITTEN TO dataset.

Reason:

The object's recovery DDL has been written to the specified data set.

RU307E

INVALID DATA ENTERED FOR REBIND PLANS. PRESS HELP FOR MORE INFO.

Reason:

Invalid data has been entered for Rebind Plans. Valid entries are as follows:

- Y-REBIND all dependent plans affected by the dropped object at object recovery time.
- N-Do not REBIND the dependent plans at object recovery time.

RU308I

number ITEM(S) HAVE BEEN DELETED FROM THE CA RECOVERY TABLE.

Reason:

The number of objects deleted from the recovery table.

RU309E

SQL ERROR ENCOUNTERED WHILE DELETING object.

Reason:

The SQL error is analyzed by the program at the Audit Message File screen.

Action:

Check the Audit Message File screen to solve the SQL problem.

RU310E

The table you requested does not exist.

Reason:

You have requested a table that does not exist.

Action:

Check the name of the table, and any higher level identifiers you included.

RU311E

Defaults option saving failed due to a GETMAIN error.

Reason:

A GETMAIN request for additional storage has failed due to memory limitations. As a result, the program was unable to save your default options.

Action:

As a solution, try increasing your region size. We recommend a region size between 2048 to 3072 KB.

RU312E

Current option settings have been inserted as new defaults.

Reason:

Your current options have successfully saved as defaults.

RU313E

Current option settings have replaced your previous defaults.

Reason:

Your current options have successfully replaced your previous defaults.

RU314I

CANCEL has been detected from data query service.

Reason:

You exited the Data Query screen with the CANCEL command. No data queries will be used to filter the data for browsing or editing.

RU315E

GETMAIN error while cloning data query column list.

Reason:

A GETMAIN request for additional storage has failed due to memory limitations. As a result, the program was unable to process your request.

Action:

As a solution, try increasing your region size. We recommend a region size between 2048 to 3072 KB.

RU316I

You have not selected any columns to edit.

Reason:

You did not select any columns on the Data Query Edit screen, thus there is no data to be edited.

RU317I

All not null columns were not selected, inserts will not be allowed.

Reason:

There are non-selected columns in this table with the NOT NULL attribute. If a new row were inserted, those columns may be set to NULL and the insert into DB2 would fail on a NULL error.

RU318I

LOCKING MAY NOT BE PERFORMED ON REMOTE OBJECTS.

Action:

You must set the LOCK TABLE FOR EDIT field to no (N), because it is not possible to lock remote objects.

RU319E

THERE HAS BEEN AN INTERNAL ERROR IN RC/Edit.

Reason:

There has been an internal error in RC/Edit.

RU320E

UNABLE TO PROCEED INTO &rcEOPT DUE TO AN SQL ERROR.

Reason:

An SQL error has been detected in your data query. The SQL error is analyzed by the program at the on-line SQL error screen.

Action:

Check the screen to solve the SQL problem.

RU321E

YOUR BROWSE REQUEST RETURNED AN EMPTY RESULT TABLE.

Reason:

There is no data for you to browse.

Action:

Check your browse request to see if your query was correct.

RU322E

DATA RETRIEVAL HAS BEEN CANCELED USING ATTENTION FACILITY.

Reason:

Data retrieval was interrupted by the attention facility (most likely the ATTN key), and then canceled.

RU323E

NOT ENOUGH STORAGE TO HOLD TABLE. USE DATA QUERY TO LIMIT SELECTION.

Reason:

The result table for your edit or browse request is too large for the storage available.

Action:

Limit the result table by using data query using the WHERE prompt on the RC/Edit Options screen.

RU324I

DATA CHANGES HAVE BEEN COMMITTED.

Reason:

Your SAVE or SET command has been executed successfully and the changes you made to the table have been committed.

RU325I

DATA CHANGES HAVE BEEN ROLLED BACK.

Reason:

The changes you made to the table have been rolled back. No changes have been made to the DB2 table. This may occur when there is an SQL error detected during a SAVE.

RU326I

EDIT SESSION HAS BEEN ENDED. DATA HAS BEEN SAVED.

Reason:

You have successfully exited the edit session. Changes to the data have been committed.

RU327I

EDIT SESSION HAS BEEN ENDED. DATA CHANGES ROLLED BACK.

Reason:

You are no longer in the edit session. Any changes made to the data have not been saved.

RU328I

EDIT SESSION HAS BEEN CANCELED.

Reason:

You have canceled the edit session. Changes to the data have been rolled back.

RU329W

user_ID IS IN RC/Edit ON THIS TABLE. CONFLICT NOTIFICATION SENT.

Reason:

You cannot edit a table using RC/Edit at the same time someone else is. The other user has been notified that you would like to edit the table. You will not be allowed to do so until the other user has finished editing.

RU330I

A COLUMN NAME MUST BE SPECIFIED IN THE FREEZE COMMAND.

Reason:

You entered the FREEZE command without a column name. The proper syntax for the command is FREEZE column_name.

RU331I

THE COLUMN NAME SPECIFIED IS LONGER THAN 18 CHARACTERS.

Reason:

The column name you specified in the command is longer than 18 characters. DB2 does not support column names longer than 18 characters.

RU332I

THE SELECTED COLUMN IS NOT BEING EDITED.

Reason:

The column name used in the command just entered is not one of the columns currently being edited. Commands cannot act on the column.

RU333I

NO DATA MATCHED YOUR QUERY. ONE INSERTED ROW HAS BEEN PROVIDED.

Reason:

There is no data for you to edit.

Action:

You can insert new data. Check your edit request to see if your query was correct.

RU334I

THE REQUESTED ROW LIMIT HAS BEEN REACHED.

Reason:

The row limit you requested on the RC/Edit Options screen has been reached. Only the first xx rows meeting the search criteria have been retrieved.

RU335I

HIGHLIGHTED COLUMN(S) CONTAIN INVALID (NONDISPLAY) CHARACTERS.

Reason:

The columns which are highlighted on the screen cannot be edited because they contain nondisplay characters. The column data type may be hexadecimal or double byte. Hexadecimal data can be edited with the explode option.

RU336I

SCREEN DATA VALUES RESET.

Reason:

The RESET SCREEN command has been successfully executed.

RU337I

COMMAND NOT ALLOWED WHILE IN ERROR MODE.

Reason:

You cannot enter a primary command at this point. You must choose one of the actions listed in the lower portion of the screen to exit the error mode.

RU338I

INVALID LINE COMMANDS ARE HIGHLIGHTED.

Reason:

The highlighted line commands are invalid. Use the RESET command to remove *all* line commands, or blank out the highlighted line commands. Valid edit line commands are as follows:

- D-Delete line (or DD for block delete).
- I-Insert line.
- M-Move line (or MM for block move).
- R-Repeat line.
- U-Undelete line (or UU for block undelete).
- X-Exclude line (or XX for block exclude).
- A-Move marked text AFTER this line.
- B-Move marked text BEFORE this line.
- F-Show first excluded line.
- L-Show last excluded line.
- Sn-Show first *n* excluded lines.
- SS-Show a block of excluded text marked by SS at beginning and end.

RU339I

YOU ARE NOT AUTHORIZED FOR INSERTING NEW ROWS.

Reason:

You cannot insert a new row into this data because your user ID does not have the necessary DB2 authority.

RU340I

YOU ARE NOT AUTHORIZED FOR DELETING ROWS.

Reason:

You cannot delete a row from this data because your user ID does not have the necessary DB2 authority.

RU341I

NUMBERS WILL BE FORMATTED WITH COMMAS.

Reason:

The COMMA ON command has been executed successfully.

RU342I

NUMBERS WILL NOT BE FORMATTED WITH COMMAS.

Reason:

The COMMA OFF command has been executed successfully.

RU343I

COMMA COMMAND ERROR. SYNTAX: COMMA ON/OFF.

Reason:

The COMMA command has been entered incorrectly. Use one of the following forms:

- COMMA ON-Format numbers with commas.
- COMMA OFF-Do not format numbers with commas.
- COMMA-Toggle the comma status.

RU344I

DATA TYPE CHANGE NOT YET SUPPORTED.

Reason:

The current data type is not supported.

RU345I

CONVERSION OF NUMBER CAUSED EXPONENT OVERFLOW/UNDERFLOW ABEND.

Reason:

The number you entered cannot be converted to an exponential form successfully. The exponent portion of the number was too big or too small.

RU346I

YOU HAVE ENTERED AN INVALID FLOATING POINT INPUT.

Reason:

Floating point input must be in exponential notation or digital. Its value can range approximately from +/-7.2E+75 to +/-5.4E-79.

RU347I

THE FREEZE COMMAND HAS BEEN REMOVED FROM ALL COLUMNS.

Reason:

The MELT command has been successfully executed.

RU348I

DB2 SAVE I/O TRACE HAS BEEN TURNED ON.

Reason:

The TRACE ON command has been successfully executed. RC/Edit will display all DB2 calls issued. At the end of the trace, a summary of the statistics displays.

RU349I

DB2 SAVE I/O TRACE HAS BEEN TURNED OFF.

Reason:

The TRACE OFF command has been successfully executed.

RU350I

DB2 SAVE I/O TRACE ERROR. SYNTAX: TRACE ON/OFF.

Reason:

The TRACE command has been entered incorrectly. Use one of the following forms:

TRACE ON

TRACE OFF.

RU351E

ENTER A MATCHING "DD" TO COMPLETE THE BLOCK COMMAND PAIR.

Reason:

You cannot delete a block until you mark both the first and last lines to be deleted.

Action:

Mark the other end of the block with DD, and press Enter to delete a block. If you only want to delete one line, change the DD to a D and press Enter.

RU352E

ENTER A MATCHING "UU" TO COMPLETE THE BLOCK COMMAND PAIR.

Reason:

You cannot undelete a block until you mark both the first and last lines to be undeleted.

Action:

Mark the other end of the block with UU, and press Enter to undelete a block. If you only want to undelete one line, change the UU to a U and press Enter.

RU353E

ENTER A MATCHING "XX" TO COMPLETE THE BLOCK COMMAND PAIR.

Reason:

You cannot exclude a block until you mark both the first and last lines to be excluded.

Action:

Mark the other end of the block with XX, and press Enter to exclude a block. If you only want to exclude one line, change the XX to an X and press Enter.

RU354E

ENTER A MATCHING "SS" TO COMPLETE THE BLOCK COMMAND PAIR.

Reason:

You cannot show excluded block(s) until you mark both the first and last lines to show. Mark the other end of the block with SS, and press Enter to show a block of excluded text. If you only want to show one line of excluded text, change the SS to an S and press Enter.

RU355E

ENTER A MATCHING "MM" TO COMPLETE THE BLOCK COMMAND PAIR.

Reason:

You cannot move a block until you mark both the first and last lines to be moved. Mark the other end of the block with MM, indicate where the block is to go with an A or B and press Enter to move a block. If you only want to move one line, change the MM to an M and press Enter.

RU356E

THE "A" OR "B" IS NOT ALLOWED WITHIN LINE RANGE TO BE MOVED.

Reason:

Blocks must be moved before the first MM or after the second MM.

RU357E

ONE "A" OR "B" REQUIRED FOR ONE 'M' OR 'MM' COMMAND.

Reason:

To move a block of lines, you must specify where to move the lines:

- A-Move the marked text AFTER this line.
- B-Move the marked text BEFORE this line.

RU358E

'MOVE' / 'COPY' COMMAND IS PENDING.

Reason:

A line or lines of text have been marked to be moved or copied.

Action:

Enter an A or B line command and press Enter to move or copy the marked text.

RU359E

YOU LACK AUTHORITY FOR HIGHLIGHTED LINE COMMANDS. ENTER 'RESET'.

Reason:

You are not authorized to make the changes to the data which the highlighted line commands request.

Action:

Use the RESET command to remove all line commands, or blank out the highlighted line commands.

RU360I

GETMAIN ERROR WHILE OBTAINING NEW ROW STORAGE.

Reason:

A GETMAIN request for additional storage has failed due to memory limitations. As a result, the program was unable to process your request.

Action:

As a solution, try increasing your region size. We recommend a region size between 2048 to 3072 KB.

RU361I

ALL COLUMNS THAT WERE CHANGED ARE HIGHLIGHTED.

Reason:

Your CHANGE ALL command was successful. All columns that were affected are highlighted.

RU362I

STRING COULD NOT BE CHANGED WITHOUT LOSS OF SIGNIFICANT DATA.

Reason:

The change you requested would cause truncation of non-blank data. This is not allowed.

RU363I

INVALID PRIMARY COMMAND HAS BEEN ENTERED.

Reason:

The command you have entered is not valid on this screen.

RU364I

A COLUMN NAME MUST BE SPECIFIED.

Reason:

A column name must be specified with the command you entered in the command line.

RU365I

YOU DID NOT SPECIFY A STRING TO FIND.

Reason:

Your FIND command did not include a numeric or character string for which to search.

RU366I

YOU DID NOT SPECIFY A STRING TO CHANGE.

Reason:

Your CHANGE or CHANGE ALL command did not include a numeric or character string to change.

RU367I

YOU LACK UPDATE AUTHORITY ON COLUMN IN CHANGE COMMAND.

Reason:

You are not authorized to edit or change the data in the column for which you requested a CHANGE.

RU368I

STRING HAS BEEN FOUND. SEE THE HIGHLIGHTED COLUMN.

Reason:

Your FIND or RFIND command was successful. The highlighted column contains the requested string.

RU369I

SELECTED DATA TYPE NOT SUPPORTED BY THE FIND COMMAND.

Reason:

The FIND command can only search for a string in a character or numeric column. It cannot search date, time or timestamp data type columns.

RU370I

BOTTOM OF DATA REACHED. PRESS RFIND TO CONTINUE FROM TOP.

Reason:

FIND or RFIND has searched the data to the bottom of the table.

Action:

If you would like to continue the search, enter the RFIND command.

RU371I

THE RFIND KEY WORKS ONLY AFTER A FIND COMMAND IS ENTERED.

Reason:

You cannot use the RFIND command until you have entered a FIND command and specified the search string.

RU372I

THE RCHANGE KEY WORKS ONLY AFTER A CHANGE COMMAND IS ENTERED.

Reason:

You cannot use the RCHANGE command until you have entered a CHANGE command and specified the old and new values.

RU373I

YOU HAVE ENTERED AN INVALID INTEGER NUMBER.

Reason:

The integer you have entered is not valid. Integers must be between -2,147,483,648 and 2,147,483,647.

RU374I

YOU HAVE ENTERED AN INVALID DECIMAL NUMBER.

Reason:

The decimal number you have entered is not valid. Decimal numbers must be between +/-999,999,999,999,999. The number of digits are automatically truncated to the right of the decimal point based on the column's definition.

RU375I

DELETED ROWS ARE DISPLAYED. ENTER 'SHOW' TO HIDE THEM AGAIN.

Reason:

The SHOW command has been successfully executed. Deleted rows are now displayed.

RU376I

DELETED ROWS ARE HIDDEN. ENTER 'SHOW' TO DISPLAY THEM AGAIN.

Reason:

The SHOW command has been successfully executed. Deleted rows are now hidden.

RU377I

THE COMMAND THAT WAS ENTERED IS NOT A VALID COMMAND FOR RC/Edit.

Reason:

You have entered an invalid RC/Edit command. Valid commands are as follows:

CANCEL
CAPS ON
CAPS OFF
CHANGE
COMMA ON
COMMA OFF
END
EXPLODE
FIND
FREEZE
HEX ON
HEX OFF
LCASE
MELT
RESET
RCHANGE
RFIND
SAVE
SHOW
SORT
SQL
TRACE
TYPE
UCASE
UNFREEZE

See the RC/Edit chapter for more information on these commands.

RU378I

THE COMMAND THAT WAS ENTERED IS NOT A VALID COMMAND FOR RC/Browse.

Reason:

You have entered an invalid RC/Browse command. The following are valid RC/Browse commands:

```
COMMA ON
COMMA OFF
END
EXPLODE
FIND
    FREEZE
HEX ON (VERT,DATA)
HEX OFF
MELT
    RFIND
SORT
    SQL
TYPE
    UNFREEZE
```

See the RC/Edit chapter for more information on these commands.

RU379I

THE NUMBER ENTERED IS TOO BIG FOR THE DATA TYPE.

Reason:

The number you entered is not valid for the data type. The value limits for each numeric data type are as follows:

- SMALLINT between -32,768 and 32,767.
- INTEGER between -2,147,483,648 and 2,147,483,647.
- DECIMAL value between +/-999,999,999,999,999.
- FLOAT between +/-7.2E+75 and +/-5.4E-79 (approximately).
- REAL same as float.
- DOUBLE PREC same as float.

RU380I

SPECIFY 'SORT column_name A' OR 'SORT column_name D'.

Reason:

You can specify whether the column should be sorted in ascending (A) or descending (D) order. If you do not specify A or D, the column will be sorted in ascending order. No other options are valid in the sort-order column of the SORT command.

RU381I

A COLUMN NAME MUST BE SPECIFIED FOR THE UNFREEZE COMMAND.

Reason:

The UNFREEZE command releases the freeze on a particular column.

Action:

You must specify the column name. If you want to release the freeze on all columns, use the MELT command.

RU382I

ONLY CHARACTER, VARCHAR AND LONGVAR COLUMNS MAY BE EXPLODED.

Reason:

The EXPLODE command permits you to enter the Explode Facility to edit the contents of the column using an ISPF full screen editor. It is especially for extremely long character columns, and can only be used on CHAR, VARCHAR and LONG VARCHAR columns.

RU383I

EXPLODE DYNAMIC ALLOCATION FAILED.

Reason:

RC/Edit could not dynamically allocate a temporary data set for the Explode facility. Check your work data set definition in the RC/Edit Profile variables screen off the Profile menu, and make sure your user ID has authority to create in the data set defined there.

RU384I

OPEN OF EXPLODE TEMPORARY DATASET HAS FAILED.

Reason:

RC/Edit was able to allocate a data set in the work data set defined in the profile, but it was not able to open it. Try again.

RU385I

NO DATA CHANGE HAS BEEN DETECTED FROM ISPF EDIT.

Reason:

RC/Edit found no changes to the data edited using the Explode Facility.

RU386I

DATA HAS BEEN IMPORTED INTO COLUMN FROM ISPF EDIT.

Reason:

RC/Edit has imported the changes to the data edited using the Explode Facility.

RU387I

DATA IN ISPF EDIT EXCEEDS COLUMN SIZE, DATA HAS BEEN TRUNCATED.

Reason:

The changes to data edited using the Explode Facility exceeded the column size. The data has been truncated.

RU388I

GETMAIN FOR EXPLODE PROCESSING HAS FAILED.

Reason:

Indicates that a GETMAIN request for additional storage has failed due to memory limitations. As a result, the program was unable to process your request. As a solution, try increasing your region size. We recommend a region size between 2048 to 3072 KB.

RU389I

CAPS MUST BE FOLLOWED BY 'ON' OR 'OFF' AND A COLUMN NAME.

Reason:

The CAPS command controls capitalization within a column. Use the following syntax for this command:

```
CAPS ON <column_name>  
CAPS OFF <column name>
```

RU390I

A COLUMN NAME MUST BE SPECIFIED FOR THE CAPS ON/OFF COMMAND.

Reason:

The CAPS command controls capitalization within a column. Use the following syntax for this command:

```
CAPS ON <column_name>  
CAPS OFF <column name>
```

RU391I

THE CAPS ON/OFF COMMAND ONLY APPLIES TO CHARACTER DATA.

Reason:

You cannot set CAPS on or off on non-character data.

RU392I

A COLUMN NAME MUST BE SPECIFIED FOR THE UCASE/LCASE COMMAND.

Reason:

The UCASE and LCASE commands are used to change the case of every character in a character column. All values in the column are converted to the specified case. You must specify a column name with these commands.

RU393I

UPDATE AUTHORITY IS REQUIRED ON COLUMN FOR THE UCASE/LCASE COMMAND.

Reason:

The UCASE and LCASE commands are used to change the case of every character in a character column. All values in the column are converted to the specified case. You must have update authority to use the UCASE or LCASE command.

RU394I

THE UCASE/LCASE COMMAND ONLY APPLIES TO CHARACTER DATA.

Reason:

The UCASE or LCASE commands are used to change the case of every character in a column. All values in the column are converted to the specified case. The column must be a character column.

RU395I

THE NUMBER ENTERED EXCEEDS THE SIZE OF THE DECIMAL COLUMN.

Reason:

You have entered a number that is too large for the column, based on the column definition.

RU396I

ONLY 1 DECIMAL POINT MAY BE ENTERED IN THE DECIMAL COLUMN.

Reason:

A decimal number can only have one decimal. You have entered more than one.

RU397I

THE DECIMAL NUMBER THAT WAS ENTERED CONTAINS INVALID DATA.

Reason:

The decimal number you entered is invalid. Decimal numbers must be between +/-999,999,999,999,999.

RU409W

One or more objects contain V8 attributes and may not be selected

Reason:

The object selection list that has been generated for you contains one or more objects that exploit DB2 V8 features that are not currently supported by this version of your RC product.

For your convenience, these objects are included in the list and are highlighted for you so that they are easily identifiable, however they are not selectable.

Objects whose names and creators, for example, are longer than that which are backwardly compatible with previous versions of DB2 are denoted with a tilde character suffix. If the unsupported DB2 V8 feature is other than a long-named attribute, such as the name or creator for example, which is normally displayed for an object in the selection list, the object is simply highlighted with no visible indicator denoting the specific DB2 V8 attribute that disallows its selection.

Refer to the product README file for a list of specific DB2 V8 features and attributes that are not currently supported by this version of the product.

RU410E**The selected object exploits V8 attributes and could not be processed****Reason:**

The object you selected could not be processed because it exploits one or more DB2 V8 features that are not currently supported by this version of your RC product.

This message appears when an object is selected for processing that exploits a DB2 V8 feature that is not supported and the detection of said feature was not possible until after the object was selected and processing of the object had begun. Examples of this would be objects that reference other objects that exploit DB2 V8 features not supported, such as a tablespace that references a storage group with a long name, and tables that reference long column names or distinct types with long names.

Refer to this product README file for a list of specific DB2 V8 features and attributes that are not currently supported by this version of the product.

RU411W**SO, R and RO will be treated the same as S because Mode is set to A.****Reason:**

Mode A indicates that you want RC/Alter to manage all drop analysis processing and DDL generation, including optional impact reporting and recovery analysis. RC/Alter processes all selected objects together so that they are all analyzed at the same time (using the same analysis and/or recovery option settings under a single RC/Alter analysis).

Because RC/Alter performs drop analysis processing, DDL generation, impact reporting, and recovery analysis, S, SO, R, and RO are all treated the same.

After you select one or more objects (with S, SO, R, or RO) and press Enter, the CA RC/Update Drop Analysis screen appears, where you can specify extended DDL generation options, utilities options, and recovery processing options.

Action:

No action is required. However, you can press PF1 to access message details, and then press Enter for more information about CA RC/Update drop processing with Mode A.

RU414I

SORTING IS NOT ALLOWED ON VARIABLE LENGTH COLUMNS.

Reason:

The column specified in the SORT command cannot be sorted because it is variable length.

RU415I

CAPITALIZATION HAS BEEN SET ON FOR column_name.

Reason:

The CAPS ON command has been successfully executed.

RU417I

THE NUMBER OF ROWS THE QUERY WILL RETRIEVE IS number.

Reason:

The number of rows that will be retrieved using the query you specified.

RU418I

CAPITALIZATION HAS BEEN SET OFF FOR column_name.

Reason:

The CAPS OFF command has been successfully executed.

RU419I

INVALID FORMAT FOR THE SET COMMAND.

Reason:

You have not entered the SET command correctly.

Action:

Use the following format:

SET column_name = new_value {where...}

RU420I**ERROR PROCESSING THE SET COMMAND, PENDING CHANGES WERE COMMITTED.****Reason:**

Before a SET command is processed, pending changes to the data are always committed. Indicates that the SET command was not executed successfully, but that the earlier changes made to your data were committed. Refresh the data with the REFRESH command to see the current data.

RU421I**AN SQL ERROR WAS DETECTED PROCESSING A SET COMMAND.****Reason:**

Your SET command contained an SQL error. Check the syntax of your command, including the optional search condition.

RU422I**THE FIND STRING MAY ONLY BE NULL (") FOR NULLABLE COLUMNS.****Reason:**

You have entered the FIND command with an invalid search string. The string must not be null except for nullable columns.

RU423I**THE AUTO REFRESH PROMPT MUST BE 'N' WHEN USING POSITIONED UPDATES.****Reason:**

You cannot choose the AUTO REFRESH value when making positioned updates. The field must be set to no (N).

RU424I**TABLE LOCKING WILL NOT BE PERFORMED WHEN USING SEARCHED UPDATES.****Reason:**

The searched method of editing does not lock the tables.

RU425I

PCOL: CREATOR.NAME NOT FOUND IN SYSVIEWS.

Reason:

RC/Edit was not able to determine the base table(s) of the view. Check the definition of the view in the System Catalog (the Text column of Sysviews).

RU426I

PCOL: BASE TABLE/VIEW NOT FOUND IN SYSTABLES.

Reason:

RC/Edit was not able to determine the base table(s) of the view.

Action:

Check the definition of the view in the System Catalog (the Text column of Sysviews).

RU427I

PCOL: BASE TABLE COLUMNS NOT FOUND IN SYSCOLUMNS.

Reason:

RC/Edit was not able to determine the base table(s) of the view.

Action:

Check the definition of the view in the System Catalog (the Text column of Sysviews).

RU428I

PCOL: CREATOR.NAME NOT FOUND IN SYSVIEWDEP.

Reason:

RC/Edit was not able to determine the base table(s) of the view.

Action:

Check the definition of the view in the System Catalog (the Text column of Sysviews).

RU429I

PCOL: INVALID RETURN CODE RECEIVED.

Reason:

An unexpected error condition occurred while RC/Edit was trying to determine the base tables of the view.

RU430I

ROW LIMIT REACHED, THE QUERY WOULD HAVE RETRIEVED number ROWS.

Reason:

This message displays the number of rows that would have been retrieved with your query if you had not specified a row limit. Because you did specify a row limit of *nn*, only *nn* rows will be retrieved.

RU431I

INVALID LINE COMMANDS ARE HIGHLIGHTED, CORRECT OR ENTER 'RESET'.

Reason:

The highlighted line commands are not valid. You remove all line commands using the RESET command; or you can fix the highlighted line commands individually.

RU432I

DATA CHANGES HAVE BEEN COMMITTED. SCREEN WAS NOT REFRESHED.

Reason:

Your SAVE or SET command has been executed successfully and the changes you made to the table have been committed. The screen has not been updated to reflect the most recent changes to the data. Use the REFRESH command to refetch the data

RU433E

AN OVERLAY OF DBCS DATA HAS OCCURRED.

Reason:

Some DBCS data was overlaid, so the resulting string would have been invalid.

RU434E

AN OVERLAY OF DBCS DATA HAS OCCURRED, DATA WAS NOT IMPORTED FROM ISPF.

Reason:

Some DBCS data was overlaid, so the resulting string would have been invalid. This will prevent the data from being imported from ISPF.

RU435E

AN INVALID DBCS STRING WAS DETECTED DURING IMPORTATION OF COLUMN DATA.

Reason:

An invalid DBCS string was detected during the importation of data from ISPF. This will prevent the data from being imported from ISPF.

RU436E

THE FIND STRING FOR A GRAPHIC TYPE COLUMN MUST BE A DBCS STRING.

Reason:

You have entered an invalid FIND string for a GRAPHIC, VARGRAPHIC, or LONGVARGRAPHIC column. FIND strings must be DBCS characters for these columns.

RU437E

THE CHANGE STRING FOR A GRAPHIC TYPE COLUMN MUST BE A DBCS STRING.

Reason:

You have entered an invalid CHANGE string for a GRAPHIC, VARGRAPHIC, or LONGVARGRAPHIC column. CHANGE strings must be DBCS characters for these columns.

RU438I

THE NEXT COLUMN WILL NOT FIT ON THE SCREEN DUE TO FROZEN COLUMNS.

Reason:

The next column will not fit on the screen due to frozen columns.

Action:

Enter the melt or unfreeze command to continue scrolling to the right.

RU439E**NO ROWS RETRIEVED AND YOU LACK INSERT AUTHORITY ON THE TABLE.****Reason:**

The query you used would not have returned any rows. In addition, you lack insert authority on the table or your authority has been revoked. Since you do not have INSERT authority on the table, you will be prevented from editing it. This message can be issued for any of the following reasons when you are editing a table:

- Your SQLID lacks insert authority on the table being accessed.
- You used a data query and all columns that are defined as not null were not selected.

If you are editing a view the message will be issued if the above two cases apply to all the underlying base tables. Also, this message can be issued if the following case applies to all the underlying base tables

Not all columns that are defined as not null participate in the view.

RU440E**UNABLE TO ALLOCATE DATASET REQUIRED FOR DATA COMPARE.****Reason:**

A data set that is required to process the data compare could not be allocated.

Action:

Verify that the unloads have been performed for both the source and target tables and that the unload data sets have been created and have not been deleted.

RU442E

YOU HAVE ENTERED AN INVALID STRATEGY SELECTION. HELP FOR MORE INFO.

Reason:

You entered an invalid strategy selection on the Data Compare Strategy Services Selection List screen. The panel will be redisplayed with the invalid line commands highlighted, so that you can easily locate and correct them. The valid line commands are as follows:

- C-Create a new strategy. This is valid only on the first row.
- A-Analyze an existing strategy.
- B-Invoke the batch processor to perform unloads of tables.
- D-Delete an existing strategy.
- L-List the associated unload data sets and times.
- T-Template (copy) an existing strategy to create a new one.
- U-Update an existing strategy.

RU443E

YOU MUST ENTER A STRATEGY NAME FOR CREATION. PRESS HELP FOR MORE INFO.

Reason:

You are trying to create a new strategy, but have not entered a name for that strategy. The cursor will be positioned for you to enter the strategy name. You must enter a name for the strategy before proceeding with the creation process.

RU444E

YOU MUST ENTER A VALID SHARE OPTION (Y,N,U). PRESS HELP FOR MORE INFO.

Reason:

You are trying to create a new strategy, but have not entered a valid share option for that strategy. The share option must be one of the following:

- N-Nobody but the creator may perform any functions on this strategy.
- Y-All users may view and run compares with this strategy, but only the creator may update it.
- U-All users may view and run analysis with this strategy, and all users may update it.

RU445E

YOU MUST ENTER AN OLD SUB-SYSTEM ID. PRESS HELP FOR MORE INFO.

Reason:

You have not entered a source DB2 subsystem ID for this strategy. This source SSID must be entered before you can proceed with the creation process. This SSID will be used to control which DB2 subsystem the DB2 source tables will be selected from.

RU446E

YOU MUST ENTER EITHER "S", "N", OR "Y". PRESS HELP FOR MORE INFO.

Reason:

You entered an invalid value for the Data Query WHERE prompt. The only valid values are "Y," "N," and "S."

RU447E

ENTER "Y" OR "N" FOR "REFRESH". PRESS HELP FOR MORE INFO.

Reason:

You entered an invalid value at the REFRESH prompt. The valid values are "Y" and "N."

RU451E

SOURCE OPTION MUST BE AN RC/Query OPTION. PRESS HELP FOR INFO.

Reason:

You entered an invalid source option. The only valid source options are CA RC/Query jump commands.

RU452E

A MAPPING NUMBER OF ZERO IS NOT VALID. PRESS HELP FOR MORE INFO.

Reason:

You entered an invalid mapping number. You must use one of the source object numbers for the mapping number. There is no source object with the number zero. Enter a different number in the MAP# column.

RU453E

MAPPING NUMBER LARGER THAN LARGEST SOURCE OBJECT NUMBER.

Reason:

You have entered an invalid mapping number. There is no source object with the number you entered. Scroll DOWN (PF8) to view the correct source object number.

RU454E

TARGET OPTION MUST BE AN RC/Query OPTION OR A SOURCE MAP NUMBER.

Reason:

The option you entered in the target command area (MAP#) is not valid. Valid options are source object numbers, to map the target object to the source object, or CA RC/Query jump commands.

RU455E

SOURCE AND TARGET RCQ JUMPING ARE INVALID TOGETHER.

Reason:

You entered more than one jump command at the same time. You cannot enter CA RC/Query jump commands in both the source option column and the MAP# (target option) column at the same time.

Action:

Remove one of your CA RC/Query jump commands.

RU456E

SELECTION/MAPPING AND RCQ JUMPING ARE INVALID TOGETHER.

Reason:

Selection/Mapping commands and jump commands cannot be entered at the same time.

Action:

Remove one before proceeding.

RU458E

YOU CANNOT MAP AND SELECT THE SAME SOURCE OBJECT.

Reason:

You tried to map and select the same source object. This is not allowed.

Reason:

Blank out the map number or the selection field.

RU459E

THIS OBJECT IS ALREADY A TARGET OBJECT. PRESS HELP FOR MORE INFO.

Reason:

You are attempting to select an object as a source object that has already been selected as a target object. This is not allowed for the same strategy.

RU460E

THE OBJECT IS ALREADY A SOURCE OBJECT. PRESS HELP FOR MORE INFO.

Reason:

You are attempting to select an object as a target object that has already been selected as a source object. This is not allowed for the same strategy.

RU461

SELECTED/MAPPED OBJECTS HAVE BEEN QUEUED. ENTER (S)HRINK TO VIEW QUEUE.

Reason:

The source-target pair you mapped has been added to the selection queue. They will be added to the strategy when you END processing on the selection screen. To see the object(s), enter the SHRINK command.

RU462E

TARGET SSID MUST BE SPEFCIFIED. PRESS HELP FOR MORE INFO.

Reason:

You have not specified a Target Subsystem ID.

Action:

You must specify a target subsystem (TRG SSID) before you can complete the current step.

RU463E

EMBEDDED BLANKS EMBEDDED IN STRATEGY NAME. PRESS HELP FOR MORE INFO.

Reason:

There are embedded blanks in your new strategy name.

Action:

Remove them to create a valid strategy name. Valid characters are 0-9, A-Z, \$, #, and @. The first character must be A-Z, \$, #, or @.

RU464E

INVALID CHARACTERS IN STRATEGY NAME. PRESS HELP FOR MORE INFO.

Reason:

You entered invalid characters in your new strategy name. Valid characters are 0-9, A-Z, \$, #, and @. The first character must be A-Z, \$, #, or @.

RU465E

YOU MUST ENTER A VALID STRATEGY TYPE. PRESS HELP FOR MORE INFO.

Reason:

The strategy type you entered is invalid. The only valid strategy type is "D."

RU466E

YOU MUST ENTER A VALID SHARE OPTION (Y,N,U). PRESS HELP FOR MORE INFO.

Reason:

You entered an invalid Share Option value. Valid options are "Y," "N," and "U."

RU467E

YOU MUST ENTER A SOURCE SUB-SYSTEM ID. PRESS HELP FOR MORE INFO.

Reason:

The Source Subsystem ID field is blank. A subsystem must be selected.

RU468E

YOU HAVE ENTERED AN INVALID STRATEGY SELECTION. PRESS HELP FOR INFO.

You entered an invalid line command. Valid options are as follows:

A-Perform Analysis on an existing strategy.

- B-Submit the unload cards to the Batch Processor.
- C-Create a new strategy. Only valid on the first row.
- D-Delete an existing strategy.
- L-Toggle data set LIST mode for this specific strategy.
- T-Template an existing strategy.
- U-Update an existing strategy.

RU469E

STRATEGY MUST BE "U" SHAREABLE TO DELETE. PRESS HELP FOR MORE INFO.

Reason:

You cannot delete this strategy because its Share Option is not "U" (update) and you are not the creator.

RU470E

YOU HAVE ENTERED AN INVALID DATA SET SELECTION. PRESS HELP FOR INFO.

Reason:

You entered an invalid data set selection. Valid entries are as follows:

- B-Browse the named data set.
- D-Delete the tie between the unload data set and the strategy. This does not delete the data set.
- E-Edit the named data set.
- S-Select unload data sets to be used for the compare.

RU471I

ALL REQUESTED STRATEGIES HAVE BEEN DELETED. PRESS HELP FOR INFO.

Reason:

The strategies that you marked were deleted successfully.

RU472E

THE STRATEGY IS CURRENTLY IN USE. PRESS HELP FOR MORE INFO.

Reason:

The selected strategy is currently in use by another user. Only one user may update a strategy at a time.

RU474E

SELECTED OPTION MUST BE D, I, M, U, RES, RD, RM, OR RU.

Reason:

The line command you entered is invalid. The valid values are as follows:

- C-Compare the data between the two tables.
- D-Delete the source/target pair from the strategy.
- E-Edit the names of the source and target unload data sets associated with the strategy.
- I-Insert a new table pair.
- M-Map the columns between the source and target tables.
- U-Specify the unload data set.
- RES-Reset all (the data query, the column mappings, and the unload flags).
- RD-Reset the data query flag (the Where field).
- RM-Reset the column mapping flag.
- RU-Reset the unload flags.

RU475E

YOU ARE NOT CREATOR, STRATEGY IS NOT SHAREABLE. HELP FOR MORE INFO.

Reason:

The strategy Share Option is set to N, which means that only the strategy's creator can reference it. It is not shareable.

RU476E

DUPLICATE STRATEGY NAME, PLEASE SPECIFY ANOTHER. HELP FOR MORE INFO.

Reason:

The strategy name you entered already exists for the creator specified.

Action:

Enter another strategy name.

RU477E

SUPPLY A NEW STRATEGY NAME FOR YOUR TEMPLATED STRATEGY.

Action:

Enter a new strategy name to distinguish the new strategy from the one you templated (copied).

RU478I

YOUR CURRENT STRATEGY DEFINITION HAS BEEN SAVED. PRESS HELP FOR MORE INFO.

Reason:

The strategy you defined was saved successfully and can be selected from a selection screen or specified by name and creator.

RU479E

YOU MUST SPECIFY A NAME OTHER THAN TEMP. PRESS HELP FOR MORE INFO.

Reason:

TEMP is a temporary name and cannot be saved.

Action:

Save this data query under another name.

RU480I

COLUMN MAPPING HAS BEEN COMPLETED.

Reason:

The Data Compare column mapping has been completed successfully.

RU481E

ERRORS OCCURRED DURING DATA COMPARE PROCESSING.

Reason:

Errors occurred during the online DATA COMPARE.

Action:

You may wish to edit the DATA COMPARE control cards and attempt a retry.

RU484I

UNLOAD CARDS HAVE BEEN GENERATED.

Reason:

The Batch Processor Unload cards have been generated successfully.

RU485E

DATA QUERY, COLUMN MAPPING AND UNLOAD GENERATION MUST BE PERFORMED.

Reason:

The following steps must be performed before a compare can be started:

1. Data query selection, creation.
2. Column mapping between source and target tables.
3. Unload card generation for both source and target tables.

RU486E

A GETMAIN ERROR OCCURRED WHILE ATTEMPTING TO SAVE STRATEGY.

Reason:

A GETMAIN error occurred while you were attempting to save a strategy. The amount of your region size was not sufficient to continue processing the save request.

RU488I

THE SPECIFIED MEMBER OR DATASET NO LONGER EXISTS. PRESS PF1 FOR INFO.

Reason:

The data set or member associated with the Data Compare strategy no longer exists, or was never created.

RU489I

THE REQUESTED UNLOAD DATA SETS HAVE BEEN REMOVED FROM THE STRATEGY.

Reason:

The relationship between the unload data set and the Data Compare strategy has been severed.

RU490I

THE REQUESTED DATASET OR MEMBER HAS BEEN READ SUCCESSFULLY.

Reason:

The input data set or member of a partitioned data set that you requested has been read successfully.

RU491I

THE SQL STATEMENTS HAVE BEEN WRITTEN TO THE OUTPUT DATASET.

Reason:

The SQL statements for this analysis have been written to the output data set or member.

RU492I

THE SQL STATEMENTS HAVE BEEN EXECUTED SUCCESSFULLY.

Reason:

The SQL statements have been processed and executed successfully. This message displays when the VIEW AUDIT OPTION is set to "N" and the SQL codes for the executed statements are all zero.

RU493I

THE SQL STATEMENT(S) HAVE BEEN INSERTED INTO YOUR ISPF EDIT SESSION.

Reason:

The SQL statements sent using the SEND command have been added immediately after the SQL statement that was initially blocked off and brought into RC/SQL.

RU494E

THE SOURCE AND TARGET TABLE MAY NOT BE THE SAME FOR AN ONLINE COPY.

Reason:

The source table and the target table specified for an online copy are the same. This is not valid for an online copy.

RU495E

ENTER A MATCHING "RR" TO COMPLETE THE BLOCK COMMAND.

Reason:

The RR you entered does not have a matching RR to indicate the end of the block you want to repeat.

Action:

Mark the other end of the block with RR, and press Enter to repeat the block. If you only want to repeat one line, change the RR to R and press Enter.

RU496E

ENTER A MATCHING "CC" TO COMPLETE THE BLOCK COMMAND.

Reason:

The CC you entered does not have a matching CC to indicate the end of the block you want to copy.

Action:

Mark the other end of the block with CC, and press Enter to copy the block. If you only want to copy one line, change the CC to a C and press Enter.

RU497E

ONE "A" OR "B" REQUIRED FOR ONE "C" OR "CC" COMMAND.

Reason:

One or more rows of a table have been marked to be copied.

Action:

You also must enter A (After) or B (Before) to indicate where to put the copy. Enter an A or B line command and press Enter to copy the marked rows.

RU498E

THE "A" OR "B" IS NOT ALLOWED WITHIN LINE RANGE TO BE COPIED.

Reason:

You have entered an A (After) or B (Before) between the pair of CCs that mark the block to be copied. The destination indicator cannot be within the block to be copied. Move the A or B outside the pair of CC block indicators and press Enter again.

RU500I

VALID OPTIONS ARE "D", "I", "K", "R", "U", AND "?".

Reason:

You entered an invalid character in the Option field. Valid options are as follows:

- D-Delete a line.
- I-Insert a line.
- K-Display the Primary and Foreign Keys of this table.
- R-Repeat a line.
- U-Undelete a line.
- ?-Display this help screen.

RU501I

VALID EDIT MODES ARE "C" OR "F".

Reason:

You entered an invalid edit mode. The valid edit modes are C for Column Mode, or F for Form Mode.

RU502I

VALID WHERE ENTRIES ARE "Y", "N", OR "S".

Reason:

You entered an invalid value in the Where field. Valid values are "Y," "N," and "S." "S" displays a selection list of any queries that you have.

RU503I

VALID UPDATE METHODS ARE "P" OR "S".

Reason:

You entered an invalid update method. The valid edit methods are P for Positional Update and S for Searched Update.

RU504I

VALID ENTRIES ARE "Y" OR "N".

Reason:

You have entered an invalid character in a field that allows only a Y (Yes) or N (No) option.

RU505I

CONTROL PARAMETERS HAVE BEEN SAVED.

Reason:

The RC/SQL Control Parameter values have been saved successfully.

RU506I

COLUMN(S) NOT DISPLAYABLE. ENTER HELP FOR MORE INFORMATION.

Reason:

One or more columns will not be displayed when you are scrolling in Column Mode. This is because the column(s) will not fit in the display area if one or more columns are frozen. To change this take one of the following actions:

- Change the MAXCHAR size in the Column Mode Header.
- If multiple columns are frozen, unfreeze one or more of the frozen columns.
- Enter the MELT command.
- Switch to Form Mode by entering F in the Edit Mode field of the Column Mode Header.

RU507E

INVALID DATA ENTERED FOR REORG. PRESS HELP FOR MORE INFORMATION.

Action:

Enter Y for this option if you want to run the Reorg utility on the tablespace that contains the target table. Enter N if you do not want to run a Reorg.

RU508E**YOU CANNOT REMOVE THE BASE TABLE.****Reason:**

You have attempted to issue the REMOVE command when you currently had only the BASE table in your edit or browse session. The REMOVE command can only remove secondary tables.

RU509E**THE QUALIFIER IN THE COMMAND IS INVALID.****Reason:**

You included an invalid qualifier with the command. The qualifier needs to be specified when you want your command to apply to a table other than the current active table.

RU510E**INCOMPLETE STRING.****Reason:**

An incomplete string was contained in the command you entered. An apostrophe (') is used as a string delimiter. You began the string with an apostrophe but did not terminate the string with an apostrophe. An embedded apostrophe should be specified with two occurrences of an apostrophe (such as, 'i'm hungry').

RU511E**INVALID PARAMETER.****Reason:**

An invalid or unsupported parameter was included in your find/change request. The syntax of the FIND and CHANGE commands currently supported follows:

```
FIND find-string {ALL}
```

```
FIND find-string {column-name}
```

```
CHANGE find-string change-string {column-name} {ALL}
```

RU512E

A FIND STRING HAS NOT BEEN SPECIFIED (* IS INVALID).

Reason:

The asterisk was specified as the find string for a FIND or CHANGE command. The asterisk (*) is valid only when a current find string has been established through a previous FIND or CHANGE command. If you want to search for an asterisk you should enclose it in apostrophes, as in '*'.

RU513E

A CHANGE STRING HAS NOT BEEN SPECIFIED (* IS INVALID).

Reason:

You entered an asterisk (*) as the change string for a CHANGE command. The asterisk is valid only when a current change string has been established through a previous CHANGE command. If you want to change a value to an asterisk you should enclose it in apostrophes, as in '*'.

RU514I

NO APPLICABLE COLUMNS FOR FIND/CHANGE REQUEST.

Reason:

No columns were applicable to your FIND or CHANGE request. Below are examples of when a column is not applicable:

- The length of the find string is greater than the length of the column.
- The length of the change string is greater than the length of the column.
- The find string is character (or DBCS) and the column is numeric.
- The change string is character (or DBCS) and the column is numeric.

RU515I

STRING NOT FOUND.

Reason:

The find string in your find or change request was not found anywhere in the selected table, or anywhere in the column if one was specified.

RU516I**STRING WAS FOUND *n* TIMES.****Reason:**

Indicates number of times (*n*) that the string was found.

Note: Some of the occurrences of the string may have been found in portions of the column that are not displayed. This could be the case if the size of the column is larger than the specified MAX CHAR SIZE.

RU517I**STRING WAS CHANGED *n* TIMES.****Reason:**

Indicates number of times (*n*) that the string was changed.

Note: Some of the occurrences of the string may have been changed in portions of the column that are not displayed. This could be the case if the size of the column is larger than the specified MAX CHAR SIZE.

RU518E**PARAMETER NOT SUPPORTED WHEN COLUMN SPECIFIED.****Reason:**

A parameter, or condition resulting from parameters to a FIND or CHANGE command is not currently supported when a column is also specified. Support for the parameter should be added shortly. This message may have been issued as a result of one of the following restrictions:

- The ALL, X, and NX keywords cannot be used in the FIND command when a column is also specified.
- The X and NX keywords cannot be used in the CHANGE command when a column is also specified.
- When using the * with the CHANGE command and specifying a column:

If the ALL keyword was specified the sum of the lengths of the established find string, established change string and the column must be less than or equal to 40 bytes. If the ALL keyword was not specified the sum of the lengths of the established find string, established change string and the column must be less than or equal to 44 bytes.

RU519E

x OUT OF y OCCURRENCES COULD NOT BE CHANGED.

Reason:

Only some of the occurrences (x out of y) of the find string in your CHANGE command could be changed. This happens when the ALL keyword was specified. The message will tell you the number that could not be changed and the number of times the string was found. The total number that was changed is the difference between the two. The reason that the change could not take place is that the change string is larger than the find string and changing the data where the string was found would result in data truncation.

Note: Occurrences of the string that could or could not be changed may have been in portions of the column that are not displayed. This could be the case if the size of the column is larger than the specified MAX CHAR SIZE.

RU520I

STRING NOT FOUND IN ANY COLUMNS APPLICABLE TO CHANGE REQUEST.

Reason:

The find string in your CHANGE command was not found in any column where the change could take place. It may be the case that string is contained in the table. For example, if you say "Change 1 x" on a table that contains only numeric columns would receive this message even if there were columns that contained the value 1. It may also be the case that the find string was not found.

RU521I

STRING HAS BEEN FOUND IN COLUMN OUTSIDE DISPLAYABLE PORTION.

Reason:

The find string was found outside the displayable portion of the column. This happens when the length of the column is greater than the MAX CHAR SIZE. If it is desired to see the entire contents of the column you can do one of the following:

- If the length of the column is less than 70 but greater than the MAX CHAR SIZE you can change the MAX CHAR SIZE so that all the columns data displays.
- Perform the EXPLODE command on the column.

RU522I

STRING HAS BEEN CHANGED IN COLUMN OUTSIDE DISPLAYABLE PORTION.

Reason:

The find string was changed outside the displayable portion of the column. This happens when the length of the column is greater than the MAX CHAR SIZE. If it is desired to display the entire contents of the column you can do one of the following:

- If the length of the column is less than 70 but greater than the MAX CHAR SIZE you can change the MAX CHAR SIZE so that all the columns data displays.
- Perform the EXPLODE command on the column.

RU523E

YOU ARE NOT AUTHORIZED TO USE UNPROTECT ON column-name.

Reason:

The UNPROTECT command cannot be issued against the specified column. This is because the column that you specified was not protected by the PROTECT command. It is protected because you do not have authorization to update the column or the column is part of a unique key.

RU524I

PROTECT COMPLETE FOR column-name.

Reason:

The PROTECT command was successfully issued against the specified *column-name*.

RU525W

PROTECT COMPLETE FOR column-name, PREVIOUS UPDATES IGNORED.

Reason:

The PROTECT command was issued against a row that has been updated in the current edit session. If the UNPROTECT command is not issued against that column before saving the changes made in your edit session and you modified data in that column the modifications made to that column will be ignored.

RU526E

column-name ALREADY PROTECTED.

Reason:

The PROTECT command was issued against a column that is already protected.

RU527I

UNPROTECT COMPLETE FOR column-name.

Reason:

The UNPROTECT command was successfully completed against the specified *column-name*.

RU528E

column-name NOT PROTECTED.

Reason:

The UNPROTECT command was issued against a column that is not protected.

RU529E

THE SIZE VALUES MUST BE NUMERIC.

Reason:

The size values must be numeric characters '0' - '9'.

RU540I

INCLUDE REORGS for TABLESPACE (TS), INDEX (IX), BOTH (B) OR NEITHER.

Reason:

You entered an invalid value for the deferred Reorg option. Based on the option you have chosen, subsequent analysis output will or will not include appropriate invocations of the Reorg utility. Valid entries are as follows:

- TS-Defer Reorgs for altered tablespaces.
- IX-Defer Reorgs for altered indexes.
- B-Defer Reorgs for both tablespaces and indexes.
- N-Do **not** defer Reorgs for tablespaces or indexes

RU541E

REBUILD INDEX immediately (Y), or defer rebuilding index (N).

Reason:

An invalid entry was specified for REBUILD INDEX.

Action:

Specify one of the following valid entries:

Y

Rebuilds the index now.

N

Does not rebuild the index now.

RU542I

THE RSIZE COULD NOT COMPLETE, THE COMMAND HAS BEEN IGNORED.

Reason:

The requested RSIZE command is being bypassed. The size of the active window remains unchanged.

RU543E

THE SIZE VALUE MUST BE GREATER THAN ONE (1).

Reason:

The size value is less than or equal to 1. The entered size value must be greater than 1 and less than the total available lines.

RU544E

ONLY TERMINAL PARENT OR CHILD TABLES MAY BE REMOVED.

Reason:

The REMOVE command failed because it was issued against a non-terminal table. A terminal table is a table that has never been set to the CURRENT TABLE.

RU545I

SAVE PROCESSING WAS CANCELED, PENDING CHANGES HAVE BEEN RESTORED.

Reason:

Save processing did not complete successfully, so the changes were not made.

RU546I

AN INCOMPLETE RI - REPORT IS THE RESULT OF THE SQL ERROR.

Reason:

There was an SQL error in the query to SYSTABLES or SYSRELS, so the list displayed is incomplete.

Action:

Try the TREE command again.

RU547I

SYNC SCROLLING HAS BEEN AVERTED.

Reason:

The requested SYNC command is being bypassed.

RU548I

SYNCHRONIZED SCROLLING AND RI/CHECKING HAVE BEEN ACTIVATED.

Reason:

The SYNC command has completed successfully, and Synchronized Scrolling and RI/Checking are now active.

RU549I

SYNCHRONIZED SCROLLING AND RI/CHECKING HAVE BEEN DISABLED.

Reason:

Synchronized Scrolling and RI/Checking have been turned off.

RU550I

RI/CHECKING HAS BEEN ACTIVATED.

Reason:

The CHECK ON command completed successfully, and RI/Checking is now active.

RU551I

RI/CHECKING HAS BEEN DISABLED.

Reason:

The CHECK OFF command completed successfully, and RI/Checking has been turned off.

RU552I

YOUR SCREEN SIZE IS PREVENTING ALL TABLES FROM BEING DISPLAYED.

Reason:

Your screen does not have room to display all the tables you selected.

RU553I

PLEASE SELECT ONE PARENT TABLE.

Reason:

A conflict occurred while traversing the parent tree for the table named in the window border. This table has multiple parent tables, and the SYNC command may only be applied to ONE parent table at a time. Select **one** of the listed tables, or enter CANCEL to terminate the command.

RU554I

PLEASE SELECT ONE CHILD TABLE.

Reason:

A conflict occurred while traversing the child tree for the table named in the window border. This table has multiple child tables, and the SYNC command may only be applied to ONE child table at a time. Select **one** of the listed tables, or enter CANCEL to terminate the command.

RU555E

THE INSERT PRIMARY COMMAND IS INVALID OUTSIDE OF SYNC SCROLL MODE.

Reason:

The INSERT primary command was entered and the edit session was not in SYNC SCROLL mode. This command may only be issued while in SYNC SCROLL mode and may only be applied to tables which do not have any visible rows.

RU556E

TABLE HAS VISIBLE ROWS, USE THE INSERT LINE COMMAND.

Reason:

This is the result of trying to insert a line with the INSERT primary command when you are in SYNC mode. If the table has a data row displayed, you must use the I (Insert) line command.

RU557I

THE DELETE ATTEMPT WOULD VIOLATE REFERENTIAL CONSTRAINT: ri-rule PARENT: ri-partb CHILD: ri-kidtb.

Reason:

A delete line command cannot be allowed because it would violate referential constraint: ri-rule. The relationship is between parent table: ri-partb and child table: ri-kidtb. the program checks only the relationships of the included tables, and only with the data retrieved from these tables.

RU558I

THE UPDATE OF THE FOREIGN KEY WILL CAUSE A REFERENTIAL CONSTRAINT TO BE VIOLATED. A TARGET PARENT ROW IS CURRENTLY MARKED FOR DELETION.

Reason:

You have attempted to update a foreign key. If you delete it, a matching row in the parent table will be deleted.

RU559I**REQUESTED TABLE MAY NOT BE ADDED, FOREIGN KEYS ARE MISSING.****Reason:**

A table that was selected to be added to the RI/EDIT session had missing foreign keys. Examples of this situation are the pseudo-relationships:

SYSIBM.SYSTABAUTH to SYSIBM.SYSCOLAUTH

SYSIBM.SYSVTREE to SYSIBM.SYSVLTREE

RU560E**REQUEST CANCELLED, RECFM MUST BE FIXED TYPE (E.G. FB, FBA...)****Reason:**

The data set you specified has an invalid record format. Your QFILE/PFILE request has been canceled. The record format must be fixed type (For example "FB" or "FBA").

RU561E**REQUEST CANCELLED, VERIFIED DATASET NO LONGER VALID.****Reason:**

The data set verified on the QFILE/PFILE Dataset Entry Panel is no longer valid. Your QFILE/PFILE request has been canceled. Between the time you hit enter to verify your data set on the QFILE/PFILE Dataset Entry Panel and PF3 to process the request, the data set was deleted and redefined with different attributes.

RU562I**REQUEST CANCELLED; DATASET WAS NOT VERIFIED.****Reason:**

Your QFILE/PFILE request has been canceled. This is because you exited the QFILE/PFILE Dataset Entry panel without verifying your data set set. In other words there were outstanding errors and you hit PF3 without correcting the errors. Your actions were interpreted as an intent to cancel the QFILE/PFILE request.

RU563E**NO UNLOAD DATASET NAMES EXIST TO COMPARE. PF1 FOR HELP.****Reason:**

You have requested a batch comparison but no unload cards have been created yet. Data Compare requires that the source and target table data be unloaded to perform a comparison. You should enter **U** command to update the strategy, map the source and target table columns (if they are not already mapped), generate the unload cards, and return to the Strategy Services screen to analyze the strategy in batch mode. You can include the required unloads in the analysis.

RU564E**ERROR CONNECTING TO TARGET DB2. PF1 FOR HELP.****Reason:**

An error has occurred while RC/Copy was attempting to connect to the target DB2 subsystem you specified. The most common reasons for this are that the system is unavailable, or that it is a remote subsystem that can be accessed only using DDF. In the first case, you should have the target DB2 subsystem restarted if necessary. In the second case, you must choose a different DB2 as a target, because RC/Copy does not support the use of DDF. This is not a complete list of possible problems; many other error conditions in DB2 might also cause connection errors.

RU565E**MAPPED TARGET COLUMN NOT DEFINED AS PART OF KEY.****Reason:**

You have selected a column in your target table to map to a column in your source table, thus creating a pseudo-foreign key, but you have not defined the column as part of the pseudo-foreign key by specifying its number in one of the Key Sequence fields at the top of the column list. RI/EDIT needs the key sequence information to build keys to retrieve the data based on your dynamic foreign key definition.

RU566E**MAPPED TARGET COLUMN INCOMPATIBLE WITH SOURCE COLUMN.****Reason:**

You have selected a column in your target table to map to a column in your source table, thus creating a pseudo-foreign key, but the column to which you have mapped it is not of the same type or length. Both columns must be defined as the same type and the same length if a valid referential integrity relationship is to be created.

RU570E

DUPLICATE STRATEGY NAME. PLEASE SPECIFY ANOTHER. HELP FOR MORE INFO.

Reason:

You have specified a strategy name that already exists.

Action:

Specify a different strategy name.

RU571E

EMBEDDED BLANKS IN STRATEGY NAME ARE INVALID. HELP FOR MORE INFO.

Reason:

You have specified a strategy name that has embedded blanks.

Action:

Specify a different strategy name without embedded blanks.

RU572E

INVALID CHARACTERS IN STRATEGY NAME. HELP FOR MORE INFO.

Reason:

You included an invalid character in the strategy name. Valid characters are: 0-9, A-Z, \$, and @. The first character must be A-Z, \$, #, or @.

RU573E

STRATEGY IN USE BY BATCH JOB. TRY AGAIN AFTER BATCH JOB IS DONE.

Reason:

You have requested a strategy name that is in use by a batch job.

Action:

You must wait until the batch job is completed or request a different strategy name.

RU574I

SUBSYSTEM SWITCHING CAPABILITY IS CURRENTLY NOT ACTIVE.

Reason:

You have attempted to switch from your current subsystem. This capability is not active at the current time.

RU575E

STRING NOT CHANGED, RESULT WOULD BE AN INVALID DATE OR TIME.

Reason:

The string you attempted to change would have resulted in an invalid date or time.

RU576E

STRING NOT CHANGED BECAUSE IT IS PROTECTED.

Reason:

The string you attempted to change is currently protected and cannot be changed.

RU577E

UNLIKE UNLOAD DATASETS, PROCESSING TERMINATED.

Reason:

You attempted to run a comparison specifying two unlike unload data sets. The method used to unload your target table must be the same as the method used to unload your source table. For example if you specified that the Unload Program be used to unload your source table you must also specify that your target table be unloaded the same way. Likewise, if you specified that CA Fast Unload be use to unload your source table you must make the same specification for your target table.

RU578E

COMPARISON REPORT LIMIT EXCEEDED.

Reason:

The report limit for your comparison has been reached. Processing has terminated and no further differences between the source and target tables appears in the report or the summary totals at the end of the report. If you used the Analyze option for initiating the comparison you specified this value in the Report Limit field. If you used the C (Compare) command from the Explode services screen this value is automatically set to 5,000.

RU579E**ERROR IN RULDCDSN TASK ECB=&RU579ECB.****Reason:**

An internal error occurred in the comparison process.

Action:

Insure that you are executing the comparison with an adequate region size. If this error persists contact your CA Administrator.

RU581I**LINK CANCELLED BY REQUEST.****Reason:**

You cancelled your previously entered LINK command, explicitly or by exiting from the Data Query selection using PF3 without selecting a stored query to use. Your edit session has restored as it was prior to entering the LINK command.

RU582I**MODEL ID AND/OR CREATOR MUST BE SPECIFIED.****Reason:**

The Model ID or the Model Creator is not valid. To perform an analysis, a valid Model ID and creator are required. If you are not sure what model to use, just press ENTER to display a list to choose from.

RU583I**RC/Edit EXTENDED VIEW UPDATE SUPPORT IS ACTIVE.****Reason:**

The extended view update support feature has been activated. You are editing a view that is not updatable by DB2 because the view contains a join between two or more tables. RC/Edit can support updates through the view by mapping an update to the appropriate base tables.

RU584I

THE VIEW IS A READ ONLY VIEW, REASON CODE = code.

Reason:

You are editing a view that is not updatable by DB2. Further, it is not updatable by RC/Edit. The reason codes are shown below:

- 01-One or more base tables do not have a primary key defined.
- 02-The view references itself recursively.
- 03-A join was encountered that is incomplete, too complex, or is not a Natural Join.
- 04-The select clause contains DISTINCT.
- 05-The select clause contains an asterisk (*).
- 06-The select clause contains GROUP BY or HAVING.
- 07-The view has a join that includes a remote table.
- 08-The view has a join that includes an Alias.
- 09-A primary key column in an underlying base table does not participate in the view or was not selected.
- 10-You lack Select Authority on one or more of the underlying base tables.
- 11-When the view contains multiple primary tables at least one non-key column must be selected for each (for internal reasons).
- 12-The view contains an Outer Join or Nested Table Expression.
- 99-It may or may not be the case that RC/Edit can support updates to the view. However, you are using the positional update method or your RC/Edit profile specifies a view update level of N or B.

RU585E

BATCH MODE MUST BE USED WHEN TARGET SSID IS DIFFERENT THAN SOURCE SSID.

Reason:

You have specified a DB2 SSID in the Target Specifications that is different from the SSID for the source table. This is allowed only when using BATCH mode. You are currently in ONLINE mode.

RU586E

STRING COULD NOT BE CHANGED, COLUMN IS NOT NULLABLE.

Reason:

The find string in your change command was found in a column that does not allow null values. The change string was Y or NULL, indicating that you were attempting to change the column to a null value.

RU588E

FIND ON NULL INDICATOR ONLY APPLICABLE TO NULLABLE COLUMNS.

Reason:

You have specified Y, N, NULL or -NULL as the find string in a find or change command. You have also specified a column name, and the column is not a nullable column.

RU589E

ONLY ONE LINK COMMAND MAY BE ISSUED IN A SINGLE EDIT SESSION.

Reason:

You have attempted to execute the LINK command to create dynamic referential integrity a second time in an edit session. At this time, RI/Editor supports only a single LINK, and does not support linking from a linked-to table.

RU590E

INVALID CHANGE REQUEST ON NULL INDICATOR.

Reason:

You are attempting an invalid change request. You have attempted one of the following:

- A find string of N or -NULL and a value for a change string.
- A value for the find string and N or -NULL for the change string.

For example, the following would be INVALID:

- Change -NULL 'xyz'
- Change 'xyz' -NULL'

The following commands illustrate valid uses of the N/-NULL keywords:

- Change -NULL NULL
- Change NULL -NULL

- Change NULL 'xyz'
- Change xyz NULL

RU591I

THE FIND AND CHANGE STRINGS ARE EQUAL, REQUEST NOT PROCESSED.

Reason:

The find and change strings in your change command were identical. The request was ignored, since it would not have any effect.

RU592E

UPDATES ARE NOT PERMITTED ON THE UNDERLYING BASE TABLE.

Reason:

You have attempted an invalid update or insert. You are editing a view that contains a join of multiple tables. You lack update authority on one or more of the underlying base tables. The update or insert you have made to the view maps to an update attempt on an underlying base table for which you lack authority.

RU593E

INSERTS ARE NOT PERMITTED ON THE UNDERLYING BASE TABLE.

Reason:

You have attempted an invalid update or insert. You are editing a view that contains a join of multiple tables. You lack update authority on one or more of the underlying base tables. The update or insert you have made to the view maps to an update attempt on an underlying base table for which you lack authority.

RU594E

CONFLICTING NUMBERS ON RR LINE COMMANDS.

Reason:

You have attempted an invalid block repeat command. The two RR commands that define the block to be moved both specify different repeat factors.

RU595E

AN ERROR DURING VIEW TEXT PARSING; RC=code.

Reason:

An internal error occurred while the program was parsing the view text for the view that you are attempting to edit. Contact Technical Support if you receive this message.

RU596I

AUTHORIZED FUNCTIONS ERROR, PRESS PF1 FOR HELP.

An internal error occurred in an attempt to use an authorized feature. Authorized functions are used in certain instances to improve performance. Although the internal error occurred, processing proceeded without using the authorized feature. The RC/Edit parmlib member is used to enable the usage of authorized features. If you receive this message, contact your CA Administrator, to verify that the procedure explained in the previous paragraph was followed, or disable this feature by changing the specification of Enable Authorized Features in the RCEDIT parmlib member to N.

RU597E

DATA EXCEEDS MAXIMUM COLUMN LENGTH.

Reason:

The length of the data that you have entered in a varchar or long varchar exceeds the maximum length of the column. The display area for varying character columns contains an extra two bytes, so that delimiters can be used to prevent the truncation of trailing blanks. If your string does not begin with a starting delimiter you should ensure that you leave at least two trailing blanks. Suppose your starting delimiter is defined in your RC/Edit profile as "<", your ending delimiter as ">", and you are editing the data in a varchar column where the maximum length is 5. The display area for the column will contain seven bytes. Below are examples of valid and invalid entries.

COLNAME

A1.VARCHAR(5)

<xyz > This is valid; the string is delimited.

xxxxx This is valid; the string is not delimited.

xxxxxxx This is *invalid*!

RU598E

THE BACKGROUND FETCH TASK ABENDED OR COMPLETED WITH ERRORS.

Reason:

The background fetch task has completed abnormally. Data for your edit or browse session was being retrieved in a background task because the asynchronous fetch mode was being used. The following information (if any) was obtained at the time the abend occurred. This should help you to diagnose and correct the problem.

Note: Due to the nature of some abends, particularly storage abends, diagnostic information may not be available.

Load Module	program_name
Entry Point	xxxxxxx
EPSW at time of error	xxxxxxx xxxxxxxx
General Registers	xxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx
	xxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx
	xxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx
	xxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx
System completion code	x
System reason code	xxxxxxx

RU599E

AN EXCEPTION HAS BEEN CREATED. REFERENTIAL INTEGRITY MAY BE VIOLATED.

Reason:

A row has been created that does not have a parent row in the current edit session data set. This could happen by inserting an invalid foreign key value or by updating a valid foreign key value to an invalid value. Although this might not be a violation of referential integrity (for example, if the required row exists in the parent table but was merely not fetched into the edit session), it indicates a potential for an RI violation that you should consider before attempting to save your update. This is particularly true of user-managed RI, since DB2 will not prevent an update that invalidates the user RI. This might be your only warning of such an impending violation.

RU600E

INVALID HEX CHARACTER.

Reason:

You have entered an invalid hex digit while in hex mode. Valid hex digits are 0-9 and A-F. Furthermore, if the column type is decimal, all but the last hex digit must be 0-9. The last digit must be A - F.

RU601I

NO PRIMARY KEY MAPPED; LINK CANCELLED. NO DATA WILL BE FETCHED.

Reason:

You have not selected any columns from the source table to constitute a pseudo-primary key. Therefore, no mapping has taken place, no pseudo-foreign key has been defined, and no data can be fetched, since there are no keys to relate target table rows to source table rows. If you want to respecify key mappings, simply reenter the LINK command.

RU602E

userid IS IN RC/Edit ON THIS TABLE ON A DIFFERENT MVS SYSTEM.

Reason:

You attempted to edit a table that is in use by another RC/Edit user. Furthermore, the other user is on another MVS, so a conflict notification was not sent to that user.

RU604E

HEX COMMAND ONLY SUPPORTED IN COLUMN MODE OF RC/Edit. PF1 FOR HELP.

Reason:

An attempt has been made to issue the HEX command where it is not supported. The HEX command is not currently supported in RC/Edit form mode or within RI/Editor. In these two situations you can enter hex mode for character columns only by using the EXPLODE command.

RU605E

UNABLE TO ENQUEUE TABLE. DATA INTEGRITY CANNOT BE GUARANTEED.

Reason:

RC/Edit has been unable to enqueue the table to be edited. Other users cannot be prevented from editing the data at the same time, thus risking data corruption. If you are quite certain that no other user, batch job, or other process can update the table while you are doing so, it is safe to proceed with the edit. If not, we advise that you back out of the edit session and retry it. If you are unable to resolve the problem, you should consult your systems programmer for an analysis of the possible causes.

RU607W

VIEW PARSING NOT PERFORMED FOR REMOTE VIEW.

Reason:

RC/EDIT was not able to determine and automatically populate the user default values into the fields because the underlying base table was not determined.

Editing will be performed through DB2 if it is a DB2 updatable view. A *DB2 updatable view* is a view which DB2 can process (that is, views which are not joins of two or more tables).

RC/EDIT does not support updates to remote views.

Action:

This is a warning message. No action is required.

RU609E

NO TABLES MATCH SELECTION CRITERIA FOR SYNONYM CREATE.

Reason:

No tables were found that match the selection criteria specified for Item Name when creating a synonym. Unlike Alter Synonym, Create Synonym requires that the Item Name you specify be : 1) an existing table, or 2) valid selection criteria which will produce a list of existing tables for which you want to create synonyms.

RU611W

RECOVERY PROCESSING HAS BEEN DISABLED AT USER REQUEST. HELP FOR INFO.

Reason:

Recovery processing for your analysis was disabled at your request (by entering N in the RECOVERY field on the Alteration Analysis panel). No recovery processing will be performed during the analysis. With recovery processing disabled, automated recovery from a failed execution of the generated analysis output will not be possible.

Action:

To enable recovery processing again, enter Y in the RECOVERY field on the Alteration Analysis panel before you launch your analysis. This will take you to the Recovery Options panel, where you can change or accept the current recovery options. When you press PF3 (END) to leave this panel, recovery processing will be enabled with the options that you accepted.

RU612E**THE x OPTION DOES NOT SUPPORT DISTRIBUTED DATA FACILITY (DDF)****Reason:**

The x option listed in this error message does not support the Distributed Data Facility (DDF) and DDF is being used to connect to a remote location.

The option that you specified was an option other than an Edit, Browse, Fast Edit, or Fast Browse (which do support DDF). Accordingly, you may enter a valid DDF location ID in the Location field only for editing or browsing tables. Any options other than E (Edit), FE (Fast Edit), B (Browse) and FB (Fast Browse) do not support DDF. All other options or functions may only be used against LOCAL objects (with the exception of the P (Profile) and TU (TUtorial) options, which do not use the Location field).

Action:

To continue using the option you specified against a LOCAL object, you may do so by entering a location ID of LOCAL. For additional on-line help about the Distributed Data Facility, type a question mark (?) in the first character position of the Location field on the Main Menu panel, and then press Enter.

RU613I**PLEASE ENTER Pn AND/OR Fn SPECIFICATION(S); OTHERWISE, CANCEL TO EXIT.****Reason:**

You pressed PF3 or keyed in END without first specifying at least one Fn (Foreign key) or Pn (Primary key) line command. Before any DDL can be generated, you must first enter your Fn and/or Pn commands next to the appropriate columns prior to pressing PF3 or keying in END. To go back to the previous panel without generating any DDL, use the CANCEL command.

RU614E**Invalid Source Table Where option; Valid options are Y, S or N.****Reason:**

An incorrect option in the Source Table Where field, which is used to access the Extended Query Facility. This facility lets you input a SELECT statement or execute or edit an existing SELECT statement for retrieving rows and columns from the selected table. Enter one of the following values:

- Y-Access the Extended Query Facility and input a SELECT statement.
- S-Access the Extended Query Facility and edit or select an existing statement.
- N-Copy all data from the Source table.

RU615E

Invalid Target Table Where option; Valid options are Y, S or N.

Reason:

An incorrect option in the Target Table Where field, which is used to access the Extended Query Facility. This facility lets you input a SELECT statement or execute or edit an existing SELECT statement for retrieving rows and columns from the selected table. Enter one of the following values:

- Y-Access the Extended Query Facility and input a SELECT statement.
- S-Access the Extended Query Facility and edit or select an existing statement.
- N-Copy all data to the Target table.

RU616I

Requested table may not be added, primary keys are missing.

Reason:

The table selected to be added to the RI/EDIT session had a missing primary key from the parent table.

RU618I

GETMAIN FOR SORT PROCESSING HAS FAILED.

Reason:

Indicates that a GETMAIN request for additional storage has failed due to memory limitations. As a result, the program was unable to process your request.

Action:

Try increasing your region size to resolve.

RU620E**SELECTED option OPTION DOES NOT SUPPORT GLOBAL TEMPORARY TABLES.****Reason:**

The option specified does not support GLOBAL TEMPORARY TABLES. The program currently does not support GLOBAL TEMPORARY TABLES for Table Data Options which, by definition, generally operate on table data. These options include: E (Edit), FE (Fast Edit), RE (RI Edit), B (Browse), FB (Fast Browse), RB (RI Browse), CO (Copy), and DC (Data Compare). The program does support GLOBAL TEMPORARY TABLES for the Table Object Options: C (Create), A (Alter), D (Drop), and T (Template). These Object Options generally operate on the definition and existence of a table's structure. You may enter a valid standard table to Edit, Browse, Copy, or request Data Compare services.

RU621E**INVALID INCREMENT STYLE. VALID VALUES ARE A, D, AND N.****Reason:**

An invalid increment style was specified within your Strategy Options. Valid values for this option are as follows:

- A-Alphabetic. Increment the sequence number of your strategy name using alphabetic sequencing from A to Z. That is, the strategy name's appended sequence number will be a single-character value which will be advanced using the alphabetic sequence A, B, C, and so on.
- D-Decimal. Increment the sequence number of your strategy name using numeric sequencing from 00 to 99. That is, the strategy name's appended sequence number will be a two-digit value which will be advanced using the numeric sequence 00, 01, 02, and so on.
- N-None. Automatic sequencing of the strategy name is to be disabled. No sequence number will be appended to the strategy name.

When the maximum value is reached, as specified by the MAX SEQUENCE option, the sequence number will roll over and start again at 'A' or '00' depending on the chosen increment style.

RU622E

SEQUENCE NUMBER MAY NOT BE GREATER THAN MAX SEQUENCE.

Reason:

An initial (or current) SEQUENCE NUMBER was specified for your strategy which is greater than the value you specified for the MAX SEQUENCE option. The initial SEQUENCE NUMBER you specify to be used for this must be less than or equal to your specified maximum value (MAX SEQUENCE). You must change the SEQUENCE NUMBER so it is less than the MAX SEQUENCE value, or specify a MAX SEQUENCE that is greater than or equal to the SEQUENCE NUMBER you wish to use.

RU623E

STRATEGY NAME MAY NOT CONTAIN IMBEDDED SPACES.

Reason:

You specified a STRATEGY NAME containing imbedded blanks. The name you specify must not contain blanks. Enter a new name which contains no imbedded blanks. If you enter a blank name and INCREMENT STYLE is A or D, the default RCUBAT will be used; otherwise, RCUBATCH will be used.

RU624E

STRATEGY NAME CONTAINS ONE OR MORE INVALID CHARACTERS.

Reason:

You specified a STRATEGY NAME containing one or more invalid characters. Valid characters are 0-9, A-Z, @, # and \$. The name may not start with a numeric value. Inspect the name that you entered and correct the invalid characters. If you enter a blank name and INCREMENT STYLE is A or D, the default RCUBAT will be used; otherwise, RCUBATCH will be used.

RU625E

STRATEGY NAME MAY NOT START WITH A NUMERIC CHARACTER.

Reason:

You specified a STRATEGY NAME starting with a numeric character. The name may not start with any character 0 through 9. Inspect the name that you entered and correct the first character of the name. If you enter a blank name and INCREMENT STYLE is A or D, the default RCUBAT will be used; otherwise, RCUBATCH will be used.

RU626E**SEQUENCE NUMBER MUST BE xx DIGITS.****Reason:**

You specified a SEQUENCE NUMBER with an improper number of characters or digits. The number of characters, or digits, that you must enter for this option is dependent on the chosen increment style. When INCREMENT STYLE is 'A', this option must contain a single alphabetic character. When INCREMENT STYLE is 'D', this option must be specified with two numeric characters. Both digits must be entered. The value you enter for SEQUENCE NUMBER may not be greater than the value entered for MAX SEQUENCE. If you enter blanks, the default A or 00 will be used, depending on the increment style you have chosen.

RU627E**SEQUENCE NUMBER CONTAINS ONE OR MORE INVALID OR CONFLICTING DIGITS.****Reason:**

You specified a SEQUENCE NUMBER containing one or more invalid or conflicting characters. The characters entered must conform with the increment style specified by the INCREMENT STYLE option, as follows:

INCREMENT STYLE	Valid characters for SEQUENCE NUMBER
A (alphabetic)	A through Z (only one character allowed)
D (decimal)	0 through 9 (two digits must be entered)
N (none)	no validation checking is performed

The value you enter for SEQUENCE NUMBER may not be greater than the value entered for MAX SEQUENCE. If you enter blanks, the default A or 00 will be used, depending on the increment style you have chosen.

RU628E**MAX SEQUENCE MUST BE xx DIGITS.****Reason:**

You specified a MAX SEQUENCE with an improper number of characters or digits. The number of characters, or digits, that you must enter for this option is dependent on the chosen increment style. When INCREMENT STYLE is 'A', this option must contain a single alphabetic character. When INCREMENT STYLE is 'D', this option must be specified with two numeric characters. Both digits must be entered. The value you enter for MAX SEQUENCE may not be less than the value entered for SEQUENCE NUMBER. If you enter blanks, the default used will be the maximum value supported for the increment style you have chosen:

INCREMENT STYLE	Maximum supported value
A (alphabetic)	Z
D (decimal)	99
N (none)	(not applicable)

RU629E**MAX SEQUENCE CONTAINS ONE OR MORE INVALID OR CONFLICTING DIGITS.****Reason:**

You specified a MAX SEQUENCE containing one or more invalid or conflicting characters. The characters entered must conform with the increment style specified by the INCREMENT STYLE option, as follows:

INCREMENT STYLE	Valid characters for MAX SEQUENCE
A (alphabetic)	A through Z (only one character allowed)
D (decimal)	0 through 9 (two digits must be entered)
N (none)	no validation checking is performed

The value you enter for MAX SEQUENCE may not be less than the value entered for SEQUENCE NUMBER. If you enter blanks, the default used will be the maximum value supported for the increment style you have chosen:

INCREMENT STYLE	Maximum supported value
A (alphabetic)	Z
D (decimal)	99
N (none)	(not applicable)

RU630I**SEQUENCE NUMBER AND MAX SEQUENCE HAVE BEEN RESET.****Reason:**

The SEQUENCE NUMBER and MAX SEQUENCE options have been reset to their minimum and maximum supported values, respectively, based on the new increment style you have chosen. This has been done because SEQUENCE NUMBER, MAX SEQUENCE, or both, contained one or more characters which were not compatible with the new increment style that you entered.

You may change SEQUENCE NUMBER or MAX SEQUENCE to some other value at this time. Any new values you key in will be remembered and will be used on your current analysis. Hint: If you change SEQUENCE NUMBER or MAX SEQUENCE at the same time you choose a new INCREMENT STYLE, your new explicit values will be used and SEQUENCE NUMBER or MAX SEQUENCE will not be reset.

RU631E**STRATEGY NAME WILL BE TOO LONG AFTER APPENDING SEQUENCE NUMBER.****Reason:**

The STRATEGY NAME you specified cannot be used because the name will be too long after appending the sequence number to the name. The number of characters for STRATEGY NAME and SEQUENCE NUMBER, is greater than eight.

When INCREMENT STYLE is set to 'A' or 'D', the auto-sequencing option is enabled. This causes a new strategy name to be constructed for each analysis by appending the current sequence number, which displays in the SEQUENCE NUMBER option field, to the STRATEGY NAME shown just above it. The sum of the characters in STRATEGY NAME and SEQUENCE NUMBER must not exceed eight characters. : 1) reduce the length of the strategy name by the appropriate amount to insure that the sum of the characters in these two fields does not exceed eight, or 2) disable the auto-sequencing option by setting INCREMENT STYLE to N.

RU632I

AUTOMATIC SEQUENCING OF RC/ALTER'S STRATEGY NAME HAS BEEN ENABLED.

Reason:

Automatic sequencing has been enabled for strategy names. This happens when you change INCREMENT STYLE, under the Strategy Options section of this panel, to 'A' (alphabetic) or 'D' (decimal) sequencing when it had previously been disabled through the 'N' option.

The purpose of the Strategy Options is to provide a means of isolating each batch analysis so that you can run concurrent batch analyses from the program. This is done by maintaining a special sequence number that is appended to the strategy name in the analysis. This sequence number is automatically incremented after an analysis is submitted for batch processing when specifying an EXECUTION MODE of 'B'. Initially, STRATEGY NAME is set to 'RCUBAT'. This is the default strategy name (or prefix, if you prefer). You may optionally change this prefix (in other words, the first 6 or 7 characters of the strategy name, the allowable length of which is dependent on the INCREMENT STYLE chosen) to something else if the current value is not desirable.

Additionally, you can control the number of unique strategy names to use through the MAX SEQUENCE option and control the style, or method, of incrementing the sequence number through the INCREMENT STYLE option. Through the INCREMENT STYLE option, you can choose A (alphabetic) sequencing, D (decimal) sequencing, or N (no) sequencing. If you do not wish to have automatic sequencing enabled at this time, you may disable it by setting INCREMENT STYLE back to N.

RU633I

AUTOMATIC SEQUENCING OF RC/ALTER'S STRATEGY NAME HAS BEEN DISABLED.

Reason:

Automatic sequencing has been disabled for strategy names. This happens when you change INCREMENT STYLE, under the Strategy Options section of this panel, to 'N' when it had previously been enabled through the 'A' (alphabetic) or 'D' (decimal) option. While automatic sequencing is disabled, you may specify explicit strategy names, up to eight characters, for your batch analyses.

RU637I

Model ID has been auto-selected. Press HELP for more information.

Reason:

Informs you that Model Services contains only one model and it has been automatically selected for you.

When there is only one model, Model Services automatically selects it for you for your RC/Alter analysis. Unless you are explicitly requesting to edit a model, any value entered for the model's ID or creator is ignored and automatically replaced with the identifying attributes for the one known model.

When there are two or more models, this particular behavior on behalf of auto selection does not occur and this message does not display.

RU638I

Summary has been written to BATCH dataset and recovery DDL saved.

Reason:

Informs you that the Drop Recovery Options Summary has been written to the allocated BATCH mode dataset and the generated recovery DDL has been inserted into the CA Drop Recovery Table.

RU639E

VERSIONS command invalid for specified Option and Object combination.

Reason:

You entered VERSIONS on the command line or entered the V line command beside an item on a selection list that does not support these commands.

The VERSIONS primary command and V line command are allowed for the Drop Procedure Selection list only.

Action:

If you entered the VERSIONS primary command, it is discarded. No further action is required.

If you entered the V line command, removed the command so that processing can continue.

RU640I

Matchcase has been enabled.

Reason:

The status of MATCHCASE has been changed to ON.

When MATCHCASE is ON, fields that support MATCHCASE become case-sensitive. Values entered into such fields are accepted exactly as entered and are not automatically converted to uppercase.

With MATCHCASE ON, selection criteria entered into MATCHCASE-sensitive fields will match only items that exactly match the pattern and case of each character entered (with wildcard characters % and _ matching any case).

Action:

No action is required.

Note: For more information about MATCHCASE, you can access the Match Case tutorial by entering HELP in the command line on any object create or alter panel.

RU641I

Matchcase has been Disabled.

Reason:

The status of MATCHCASE has been changed to OFF.

When MATCHCASE is OFF, fields that support MATCHCASE are not sensitive to case. Values entered into such fields are accepted exactly as entered and are not automatically converted to uppercase.

With MATCHCASE OFF, selection criteria entered into MATCHCASE-sensitive fields will match items that exactly match the pattern of each character entered, regardless of case, with wildcard characters % and _ also matching any case.

Action:

No action is required.

Note: For more information about MATCHCASE, you can access the Match Case tutorial by entering HELP in the command line on any object create or alter panel.

RU642I

Matchcase has been set to CAPS only.

Reason:

The status of MATCHCASE has been changed to CAPS.

When MATCHCASE is CAPS, fields that support MATCHCASE are automatically converted to uppercase. Values entered into such fields are always unconditionally converted to uppercase *before* being processed.

With MATCHCASE CAPS, selection criteria entered into MATCHCASE-sensitive fields will match only items that exactly match the pattern and uppercase value of each character entered (with wildcard characters % and _ matching any case).

Action:

No action is required.

Note: For more information about MATCHCASE, you can access the Match Case tutorial by entering HELP in the command line on any object create or alter panel.

RU643E

Invalid Matchcase option. Valid values: ON, OFF, CAPS.

Reason:

The specified value is invalid for MATCHCASE.

Action:

Enter a valid value.

Note: For descriptions of valid values, see the online help. If you omit the value, the current status of MATCHCASE appears.

To change the initial default setting that is used for MATCHCASE each time you enter CA RC/Update, update the MATCHCASE profile option as follows:

1. Enter **PROFILE** in the command line on any CA RC/Update panel.
The Profile panel appears.
2. Select the RC/Update Profile Variables option.
The Global Operational Parameters panel appears.
3. Specify **ON**, **OFF**, or **CAPS** in the Matchcase Command field, then press the END key.
The product applies the setting.

Note: You need to exit CA RC/Update and re-enter for the new setting to take effect.

RU644I

Matchcase is currently enabled.

Reason:

The current status of MATCHCASE is ON.

When MATCHCASE is ON, fields that support MATCHCASE become case-sensitive. Values entered into such fields are accepted exactly as entered and are not automatically converted to uppercase.

With MATCHCASE ON, selection criteria entered into MATCHCASE-sensitive fields will match only items that exactly match the pattern and case of each character entered (with wildcard characters % and _ matching any case).

Action:

No action is required.

Note: For more information about MATCHCASE, you can access the Match Case tutorial by entering HELP in the command line on any object create or alter panel.

RU645I

Matchcase is currently disabled.

Reason:

The current status of MATCHCASE is OFF.

When MATCHCASE is OFF, fields that support MATCHCASE are not sensitive to case. Values entered into such fields are accepted exactly as entered and are not automatically converted to uppercase.

With MATCHCASE OFF, selection criteria entered into MATCHCASE-sensitive fields will match items that exactly match the pattern of each character entered, regardless of case, with wildcard characters % and _ also matching any case.

Action:

No action is required.

Note: For more information about MATCHCASE, you can access the Match Case tutorial by entering HELP in the command line on any object create or alter panel.

RU646I

Matchcase is currently set to CAPS only.

Reason:

The current status of MATCHCASE is CAPS.

When MATCHCASE is CAPS, fields that support MATCHCASE are automatically converted to uppercase. Values entered into such fields are always unconditionally converted to uppercase *before* being processed.

With MATCHCASE CAPS active, selection criteria entered into MATCHCASE-sensitive fields will match only items that exactly match the pattern and uppercase value of each character entered (with wildcard characters % and _ matching any case).

Action:

No action is required.

Note: For more information about MATCHCASE, you can access the Match Case tutorial by entering HELP in the command line on any object create or alter panel.

RU647I

Selected object contains lower case characters. Matchcase disabled.

Reason:

The MATCHCASE option, which had been set to CAPS, has been automatically set to OFF because the selected object contains lowercase characters.

Action:

No action is required.

If you want to change the current status of MATCHCASE, you can issue the MATCHCASE command with appropriate option as follows:

- MATCHcase ON enables MATCHCASE.
- MATCHcase OFF disables MATCHCASE.
- MATCHcase CAPS sets MATCHCASE to caps only.

RU649E

Select the principle line item or individual version(s) for the procedure, but not both.

Reason:

You entered an S, SO, R, or RO drop command for a native SQL procedure on its principle display line in conjunction with drop commands or Activate (A) commands on one or more of its expanded version lines, which is not allowed. You must select only the principle line item for the procedure or one or more versions.

The product highlights the faulty line commands and positions the cursor to the first conflicting command.

If you select the principle item, the procedure and all versions are dropped by using the DROP PROCEDURE statement. If multiple versions exist, and you select multiple individual versions, they are dropped by using the ALTER PROCEDURE DROP VERSION statement. Inactive versions are dropped first, with the currently active version dropped last (if selected). If all versions are individually selected, the last version is dropped by using the DROP PROCEDURE statement.

Action:

Remove the selection for the principle line item, or remove all selections for the individual versions beneath it.

Note: To automatically discard all individual version selections, enter **VERSIONS** in the command line, or enter **V** on the procedure's principle line.

More information:

[RU652E](#) (see page 1940)

[RU653W](#) (see page 1941)

RU650I

STRING DELIMITERS HAVE BEEN INSERTED. (DELIMITERS IN USE: a b).

Reason:

Special delimiters surround variable length character strings. Current delimiter values are displayed in parentheses where “a” represents the opening delimiter and “b” represents the closing delimiter.

When fetching rows, RC/Edit and RC/Browse automatically enclose data strings in delimiters whenever they detect that an entry contains trailing blanks and/or starts with a character equal to an opening delimiter. As soon as the first data string requiring delimiters is encountered the program generates the message. Timing of RU650I display depends on several factors. Any message generated alongside is sent to the screen first. Error messages always take precedence. Command line commands are executed in parallel. Additionally, in background fetch mode RU650I may be delayed by a remote position of the first delimited string within retrieved objects.

The program maintains delimiters in VARCHAR and LONG VARCHAR columns only. Delimiter characters can be set through RC/Edit Parameters screen. The product defaults are “< >”.

Note: Automatic insertion of delimiters takes place only during initial row fetch. To preserve special terminal characters in data strings input through RC/Edit both, opening and closing delimiters must be entered along with a string. For example, if delimiters are set to “< >” and a value of a data string to store is “abc ” then “<abc >” needs to be entered, for string “<abc”-<<abc>” will store it, and an entry of “<<abc>>” will store “<abc>”.

RU652E

You can individually select ALL versions using a mixture of S and SO, only.

Reason:

You individually selected ALL versions of a native SQL procedure with a mixture of S/SO with R and/or RO commands, which is not allowed. The faulty line commands are highlighted, with the cursor positioned to the procedure's principle line item.

When dropping a native SQL procedure in its entirety, including all defined versions, you can individually select all of its defined versions; however, doing so is only allowed using the S, SO or a mixture of S and SO, which will cause individual ALTER PROCEDURE DROP VERSION statements to be generated first for each inactive version, with a DROP PROCEDURE generated last for the currently active version. (When only one version is defined for the procedure, a DROP PROCEDURE statement is always generated regardless of whether the principle item or secondary version line is selected.)

When dropping a Native SQL procedure in its entirety with R or RO, including all defined versions, the principle line item must be selected without selecting any of its individual versions so that a single DROP PROCEDURE statement is generated. And, as part of enforcing this rule, in the event that all of a procedure's versions are individually selected with the same command (R or RO), they are automatically consolidated to the procedure's principle line item with a single R or RO command. Using a mixture of R and RO or mixing S and/or SO with R and/or RO is not allowed when ALL versions are individually selected. (Also, see RU653W.)

Action:

Do *one* of the following:

- Change the individual selections so that they are all the same (that is, all S, all SO, all R, or all RO).
- Blank out at least one of the procedure's selected versions (to avoid a DROP PROCEDURE).
- Blank out all the individual selections and replace them with a single selection on the procedure's principle line item.

Tip: Entering the VERSIONS primary command or V line command on the procedure's principle line to toggle the display of all individual versions OFF, causes all corresponding individual version selections to be automatically discarded.

Technical Notes

In general, entering S, SO, R or RO on the procedure's principle line item specifies that the procedure, including all its versions, is to be dropped using a DROP PROCEDURE statement. Entering S, SO, R or RO on any one of the procedure's secondary line items (individual version lines) specifies that only that specific version is to be dropped via an ALTER PROCEDURE DROP VERSION statement, unless, of course, there is only one version defined, in which case the procedure itself is dropped via a DROP PROCEDURE statement.

When the procedure has more than one version defined and two or more of its versions are individually selected, each selected version is processed one-at-a-time independently of each selection. And, when ALL versions are individually selected, the implication is to first generate individual ALTER PROCEDURE DROP VERSION statements for each inactive version, with a DROP PROCEDURE generated last for the currently active version. This is easily done when individually selecting all versions with S, SO or a mixture of S and SO. However, because each selected version is processed one-at-a-time, individually selecting ALL versions with R or RO does not allow for the generation of unusable recovery DDL. This is because individually selected versions are not only processed one-at-a-time, but also independently of one another, and so preventing drop recovery analysis processes to know when to generate a CREATE PROCEDURE or ALTER PROCEDURE ADD VERSION.

For this reason, dropping a whole Native SQL procedure that has two or more versions defined with R or RO, so that recovery DDL is generated, must be selected by entering R or RO on its principle line so that the entire procedure and all its defined versions can be analyzed, together, thus making it possible for usable recovery DDL to be generated.

More information:

[RU649E](#) (see page 1938)

[RU653W](#) (see page 1941)

RU653W

Individually selected versions consolidated for one or more procedures.

Reason:

You individually selected all versions for one or more native SQL procedures (with R or RO). Those individual selections have been consolidated to a single selection. This is because CA RC/Migrator analysis (performed on behalf of the R and RO commands) determines the most efficient method for dropping and recovering the procedure and all its versions, which may not include any individual ALTER PROCEDURE DROP VERSION statements.

Action:

Verify that selections are correct, then press Enter to process all selections.

To discard all selections and return to the previous panel, press the END key.

More information:

[RU649E](#) (see page 1938)

[RU652E](#) (see page 1940)

RU654E

To drop the active version, specify, with 'A', another version to activate.

Reason:

You specified to drop the currently active version of a native SQL procedure; however, you must use the A (activate) line command to specify another version (belonging to the same native SQL procedure) to be the currently active version.

The product makes all versions visible, highlighting the field for each version that does not contain a drop selection (S, SO, R, or RO), and positions the cursor to the procedure's principle line item.

Action:

Enter **A** beside a version whose line is highlighted (to make that version the currently active version).

If a CA RC/Query command is occupying a line, it is also highlighted; if there are no blank command line fields, you must replace a CA RC/Query command with **A**.

RU655E

'A' (activate) command not allowed on a currently active version.

Reason:

You entered the A (activate) command for the currently active version of a native SQL procedure. You cannot activate an already active version of a native SQL procedure.

The erroneous command is highlighted, and the cursor is positioned for you.

Action:

Remove the invalid command, or re-enter the command for a version of the procedure that is not currently active.

RU656E

'A' (activate) command is allowed on a specific version, only.

Reason:

You specified the A (activate) command on the principle line item for a native SQL procedure, or you specified A for a procedure that is not a native SQL procedure. The A command is allowed only on a single version of a native SQL procedure that is also not the currently active version.

If native SQL procedures appear in the Drop Procedure Selection list, but versions are not showing, enter **VERSIONS** in the command line, or enter **V** beside the native SQL procedure whose versions you want to display.

In the Drop Procedure Selection list, any native SQL procedure has the following characteristics:

- A numeric value in the VERSIONS column
- A setting of N for ORG
- A setting of SQL for LANGUAGE

Action:

Remove the improperly placed command so that processing can continue.

If no native SQL procedures are showing, change the selection criteria to produce the specific SQL procedure or display a broader scope of procedures.

RU657E

Only one 'A' (activate) command is allowed on a single procedure.

Reason:

You entered the A (activate) command for more than one version of a native SQL procedure. Only one version of a native SQL procedure can be active at one time.

All A commands are highlighted, and the cursor is positioned to the first A command.

Action:

Remove the extra A commands so that processing can continue. Ensure that the one remaining A command is specified for an inactive version (that is, a version whose field in the ACTIVE column of the selection list is N).

RU658I

'V' (version) command(s) ignored for non-versionable procedures.

Reason:

You entered the V line command beside at least one stored procedure that does not support versions of itself. The V line command is honored only for Native SQL procedures, which are defined with LANGUAGE SQL and are not FENCED. These stored procedures may have one or more versions defined.

The product discards V line commands that were entered for procedures for which the command is not applicable.

Action:

No action is required.

RU659E

Invalid line command. Enter A, V, S, SO, R, RO or valid RC/Query option.

Reason:

You entered an invalid or unrecognizable line command or CA RC/Query option beside an item on the Drop Procedure Selection panel. The invalid item is highlighted, with the cursor positioned.

The product requires a valid line command or an option that CA RC/Query allows for a routine.

Action:

Enter a valid value.

Note: For descriptions of valid values, see the online help. Use the CANCEL command to discard your changes and return to the previous panel. To invoke CA RC/Query and display its valid options for a specific item, enter ? beside the item.

RU660E

User-defined functions not supported in the attached version of DB2.

Reason:

You are using a version of DB2 that does not support user-defined functions.

RU670E

A GETMAIN error occurred during save processing. Press PF1 for Help.

Reason:

Indicates that a GETMAIN error occurred while attempting to save your uncommitted work.

All your edit changes since your last SAVE or COMMIT have been discarded.

You may be able to avoid this situation in the future by:

- Increasing the region size.
- Limiting the table's select result size using Data Query.
- Reducing your COMMIT LEVEL profile option on the RC/Edit Profile variables screen, if you are editing in Searched mode.

RU671E

The SQL required to perform your edit changes exceeded maximum SQL limits. Press PF1 for help.

Reason:

A dynamic SQL statement could not be issued because its length exceeded the maximum SQL statement length.

All of our edit changes since your last SAVE or COMMIT have been discarded.

Action:

You may be able to avoid this situation in the future by:

- Limiting the number of selected columns that you plan to update by using Data Query.
- Using RC/Edit to edit the table in positional mode.
- Add a primary key to the table if one does not exist, so that the number of columns in the WHERE clause is significantly less.

RU673E

RI/Edit can't edit the current table. Press PF1 for help.

Reason:

You attempted to edit or browse a table containing a ROWID, LOB, or XML-based column. Editing or browsing tables with these column types is not currently supported by RI Editor.

Under most circumstances, RI Editor automatically de-selects these columns (meaning that these columns are not visible on the edit/browse panel and do not participate in any SELECT, INSERT, UPDATE, or DELETE statements). RI Editor continues the edit or browse session without columns. However, RI Editor cannot perform this process when the table has been selected with the REL command.

Action:

To edit or browse this table using RI Editor, select it first as the Base Edit Table. Or, you can use RC/Edit.

RU674E

RC/Data Compare can't compare the current tables. Press PF1 for help.

Reason:

You attempted to map tables for a compare containing a ROWID, LOB, User Defined Type, or XML column type.

Performing a compare on tables with these column types is not supported.

Action:

No action is required.

RU675E

RC/Copy can't copy the current table. Press PF1 for help.

Reason:

You attempted to select a table for copy containing a ROWID, LOB, User Defined Type, or XML column type.

Performing a copy on a table with these column types is not supported.

Action:

No action is required.

RU676I

**One or more columns with
LOB/XML/BINARY/VARBIN/DECFLOAT/ROWID/Identity/FOR UPDATE/TIMESTAMP
WITH TIME ZONE or (precision) datatypes were de-selected.**

Reason:

One or more of the following activities occurred:

- You attempted to edit or browse a table containing column data types (or associated user-defined types based on them) for which editing or browsing is not supported. These columns do not participate in any SELECT, INSERT, UPDATE, or DELETE statements.
- You attempted an edit in Update Mode S (Searched) or D (DB2 Method), and the product detected columns that use GENERATED ALWAYS or GENERATED BY DEFAULT syntax. Affected columns include TIMESTAMP with the FOR EACH ROW ON UPDATE AS ROW CHANGE clause, ROWID data type, or identity data type.

Note: Any such detected column that is part of the primary key can still participate in SELECT, UPDATE, or DELETE statements that are related to the key.

The product removes the affected columns from display and attempts to continue the edit or browse session without these columns.

Action:

No action is required. If the edit or browse session remains available, you can still edit or browse the supported columns as needed.

RU677I

**One or more columns with
LOB/XML/BINARY/VARBIN/DECFLOAT/ROWID/Identity/FOR UPDATE/TIMESTAMP
WITH TIME ZONE or (precision) datatypes were de-selected; no columns to edit or
browse.**

Reason:

One or more of the following activities occurred:

- You attempted to edit or browse a table containing column data types (or associated user-defined types based on them) for which editing or browsing is not supported. These columns do not participate in any SELECT, INSERT, UPDATE, or DELETE statements.
- You attempted an edit in Update Mode S (Searched) or D (DB2 Method), and the product detected columns that use GENERATED ALWAYS or GENERATED BY DEFAULT syntax. Affected columns include TIMESTAMP with the FOR EACH ROW ON UPDATE AS ROW CHANGE clause, ROWID data type, or identity data type.

The product removes the affected columns from display, resulting in an empty column list.

Action:

No action is required.

RU678E

RC/Edit can't edit or browse the current table.

RI/Edit can't edit or browse the current table.

Reason:

You attempted to edit or browse a table that contains one or more of the following column data types (or User Defined Types based on any of these types):

- LOB
- XML
- BINARY, VARBIN, or DECFLOAT
- TIMESTAMP WITH TIMEZONE or TIMESTAMP(*precision*)

Editing or browsing these column types is not currently supported. Under most circumstances, CA RC/Update can exclude these columns, allowing you to edit or browse the other table columns. However, this capability is not possible under some conditions (for example, if you are using SEARCHED mode and the table does not have a primary key).

Action:

No action is required. If CA RC/Update can exclude the offending columns, you can edit or browse the other table columns as needed.

RU679E

Selected *&option* option does not support AUXILIARY TABLES.

Reason:

The option specified does not support AUXILIARY TABLES. CA RC/Update currently does not support AUXILIARY TABLES for Table Data Options that, by definition, generally operate on table data. These options include the following:

- E-Edit
- FE-Fast Edit
- RE-RI Edit
- B-Browse
- FB-Fast Browse
- RB-RI Browse
- CO-Copy
- DC-Data Compare

CA RC/Update does support AUXILIARY TABLES for the following Table Object Options:

- C-Create
- A-Alter
- D-Drop
- T-Template

You may enter a valid standard table to Edit, Browse, Copy, or request Data Compare services.

RU680E

ACTION CODE MUST BE (Y) OR (N)

Reason:

You have entered an invalid action code. Valid action codes are as follows:

- Y-Yes
- N-No

RU685E

DB2 ALTER MUST BE (Y) WHEN RC/ALTER IS (Y)

Reason:

From the Product Authorization screen, you have selected to access the RC/UPDATE Authorization screen. From this screen, you have specified N within the DB2 Alter column for an object and specified "Y" within the RC/Alter column for that same object. If you want the user to have authority to use RC/ALTER, you must also allow that user to have DB2 Alter authority.

Valid combinations for these two columns are:

DB2 Alter	RC/Alter
Y	N
Y	Y
N	N

RU690E

WHERE CLAUSE MAY NOT BE USED WITH THIS OBJECT TYPE

Reason:

You have specified a WHERE clause but it is not supported for this object type.

RU692E

RCU IS UNABLE TO IDENTIFY THE REMOTE SSID FOR THE OBJECT.

Reason:

This message occurs when you attempt to edit a table that is on a remote subsystem. CA RC/Update needs the remote location subsystem ID to ENQ the table. The error occurred because CA RC/Update could not identify the subsystem ID.

Action:

Correct and resubmit.

RU759W

One or more objects contain unsupported V10 feature and may not be selected.

Press PF1 or type HELP while this message is displayed for more details.

RU833E

This table is already being displayed in the edit session.

Reason:

You have selected a table that is already being displayed in the RI/Edit session.

Action:

Only one instance of each table can be displayed in a single edit session. Select a different table.

RU834E

Multiple instances of one or more tables in the edit session.

Reason:

You are trying to display an RI/Edit session with multiple instances of one or more tables.

Action:

Return to the RI/Browse session and remove duplicate tables. Only one instance of each table can be edited in RI/Edit.

RU835E

The table could not be linked to itself. Only one instance allowed.

Reason:

The table could not be linked to itself.

Action:

Only one instance of each table can be displayed in a single edit session.

RU836E

The table could not be edited due to column types.

Reason:

RI/Edit cannot edit this table because the table contains a column that is a ROWID column or an identity column.

Action:

To edit this table, use RC/Edit Positional Update method.

To view this table, use RC/Browse or RI/Browse.

RU999E

Unexpected RC &rcIELOC Service: &rcIESVC R15=&rcIER15 R0=&rcIER0 R1=&rcIER1.

Reason:

CA RC/Update received an unexpected return code from a called program or service. Record the information below and contact Technical Support if this problem is reoccurring.

RX Messages

Messages with the RX prefix are generated from CA RC/Extract.

RX001E

YOU HAVE ENTERED AN INVALID COMMAND.

Reason:

You have entered an invalid command on the command line. You can enter a question mark (?) on the command line of any screen to display a list of valid commands.

RX002E

INSUFFICIENT VIRTUAL STORAGE TO CONTINUE. PRESS HELP FOR MORE INFO

Reason:

A getmain error occurred.

RX003E

THE WHERE FIELD MUST BE Y,N, OR S.

Reason:

This field can be used to specify an extended query for the selection of objects. A “Y” will allow the user to create a where clause. An “N” will indicate that there will be no where clause. And, an “S” will bring up a query selection screen for the user to select a where clause to use.

RX004

RC=“return code variable”, RCODE=“return code detail”

Reason:

This message displays when there is an error connecting or disconnecting from DB2.

RX005E

NO PLAN NAME HAS BEEN SPECIFIED IN PARMLIB(PLANS).

Reason:

The plan was not found.

Action:

Verify that the product installation was done properly or contact CA for assistance.

RX006E

AN UNEXPECTED INTERNAL ERROR CONDITION HAS OCCURRED.

Reason:

An unexpected error has occurred. Contact CA for assistance.

RX007W

SQL LOAD MAY FAIL WHEN AN INDEX IS DEFINED ON ROWID/IDENTITY COLUMN.

Reason:

The SQL Load option might fail while processing a ROWID/identity column. CA RC/Extract ignores identity columns.

If an identity column is included as a key, performance is unpredictable.

Action:

No action is required.

RX009E

THERE WAS AN ERROR IN THE START TABLE PROCESSING.

Reason:

This may have occurred because of an SQL error for an EQF query.

RX014I

WIZARD HAS BEEN TURNED ON.

Reason:

Indicates that the hint wizard has been toggled. It can be reset by reissuing the WIZARD command or by entering the profile and setting the hint wizard flag.

RX015E

INVALID PARM, VALID PARMS ARE ON/OFF.

Reason:

An invalid parameter was entered for the Wizard command. Valid parameters are ON or OFF.

RX016E

UNABLE TO LOAD PTLSSP LOAD MODULE.

Reason:

This error indicates that the EQF load module was not properly loaded.

Action:

Verify that the product installation was done properly or contact CA for assistance.

RX017E**UNABLE TO LOAD PTLSQLDP LOAD MODULE.****Reason:**

This error indicates that the SQL error display module was not properly loaded.

Action:

Verify that the product installation was done correctly or contact CA for assistance.

RX018E**UNABLE TO LOAD PTLSVC26 LOAD MODULE.****Reason:**

This error indicates that the PTLSVC26 module was not properly loaded.

Action:

Verify that the product installation was done properly or contact CA for assistance.

RX020E**FIELD MUST BE NUMERIC.****Reason:**

A nonnumeric value was entered in a field that requires a numeric value.

RX021E**INVALID VALUE, USE Y OR N.****Reason:**

An invalid value was entered in a field that requires a "Y" or "N".

Action:

To continue, reenter "Y" for Yes or "N" for No.

RX022E

YOU MUST ENTER A VALID SHARE OPTION (Y,N,U).

Reason:

An invalid value was entered for the share option.

Action:

Enter a “Y” for Yes other users can use but not update the definition. Enter an “N” for no other users cannot use the definition. or “U” for other users can use and update the definition.

RX023E

UNABLE TO LINK TO load_module LOAD MODULE.

Reason:

A link to the load module named in the message failed.

Action:

Verify that the load module exists or contact CA for assistance.

RX024E

INLINE COPY CAN ONLY BE SPECIFIED IF REPLACE IS SPECIFIED.

Reason:

If you specify that an image copy should be taken before the load is finished or that 2 copies should be taken then you must specify replace for Load Resume/Replace.

RX025E

ENFORCING RI CONSTRAINTS REQUIRES THE SYSMAP DD.

Reason:

You have entered an invalid combination of options.

Action:

If you choose the option to ENFORCE CONSTRAINTS then you must set the flag for MAPDDN Error log to Y.

RX026E**SPECIFY Y.SYSERR DD REQUIRED FOR DISCARD PROCESSING.****Reason:**

You must select “Y” for SYSERR Error Log so that error information will be logged to SYSERR.

RX027E**INVALID VALUE, USE S OR U.****Reason:**

You selected an invalid value for the load method.

Reason:

Return and select an “S” for SQL load or a “U” for utility load.

RX028E**SQL LOAD DOES NOT ALLOCATE DATASETS.****Reason:**

You cannot update allocations for the SQL load because the SQL load does not allocate any data sets.

Action:

Reset this option to “N” and continue.

RX029E**TARGET DEFINITION DOES NOT EXIST.****Reason:**

The target definition named does not exist.

Action:

Enter a valid target definition name. Or, enter an asterisk, a blank, a percent sign or a pattern to bring up a list of valid names.

RX030E

object_data_set NO LONGER EXISTS.

Reason:

This extract object data set does not exist. The report is no longer available.

RX031E

ALLOCATION ERROR. RETURN: return_code, REASON: reason_code, TEXT UNIT: text

Reason:

An allocation error occurred.

Action:

Check the return code and reason code for further information.

RX032I

ENTER O OR B TO EXECUTE.

Reason:

In order to execute, you need to enter O for online execution or B for batch execution in the Process Mode field.

RX033E

INVALID PROCESS MODE. ENTER O OR B TO EXECUTE.

Reason:

You have entered an invalid character in the Process Mode field.

Action:

In order to execute, you need to enter O for online execution or B for batch execution in the Process Mode field.

RX034E

EXTRACT OBJECT INCONSISTENCY.

Reason:

This error indicates that the command you attempted to perform will not be performed. Two different Source Definitions are using the same Extract Object data set name. The command you entered is for an object that is defined for one Source Definition. The Extract Object data set currently contains data for a different Source Definition.

RX035E**EXTRACT OBJECT ERROR.****Reason:**

This error indicates one of the following:

- The Extract Object data set does not exist.
- The Extract Object data set could not be allocated.
- The Extract Object data set is no longer valid.
- The Extract Object data set is in use by another user.

RX036E**TARGET DEFINITION NOT VALID FOR EXTRACT OBJECT.****Reason:**

This error indicates that the Target Definition you specified exists but is no longer valid for the extract object specified. This is because the extract object data set that this target definition was defined for has been overlaid with extract data from a different Source definition.

RX037E**EXTRACT OBJECT EXISTS, BUT IS EMPTY.****Reason:**

This error indicates that the Extract Object exists, but contains no records. Determine why the Extract Object is empty, then rerun the extraction.

RX038E**THE PROGRESS REPORT INCREMENT MUST BE 1000 OR GREATOR.****PRESS HELP.****Reason:**

This error indicates that the batch progress report increment must be greater than 1000. A large number is required to prevent an excessive number of messages in the report.

RX040E

EMBEDDED BLANKS INVALID IN OBJECT NAME.

Reason:

Object names cannot contain blanks and cannot begin with a number. Valid characters are A to Z, dollar, pound, at and 0 to 9. Reenter a valid object name to continue.

RX041E

INVALID CHARACTERS IN OBJECT NAME.

Reason:

You have entered an invalid character or characters in the name field. Valid characters are A to Z, dollar, pound, at and 0 to 9. The name cannot start with a numeric character.

RX042I

SOURCE DEFINITION mydef SAVED.

Reason:

The changes made to the source definition that you created or updated, have been saved.

RX043I

TARGET DEFINITION mydef SAVED.

Reason:

The changes made to the target definition that you created or updated, have been saved.

RX044E

YOU MUST SUPPLY A NAME FOR THE OBJECT YOU ARE CREATING.

Action:

You must enter a valid name to create a source or target object.

RX045E**INVALID CHARACTERS IN CREATOR NAME.****Reason:**

You have entered an invalid character or characters in the creator name field. Valid characters are A to Z and 0 to 9. The creator name cannot start with a numeric character.

RX046E**EMBEDDED BLANKS INVALID IN CREATOR NAME.****Reason:**

Creator names cannot contain blanks and cannot begin with a number. Valid characters are A to Z, and 0 to 9. Reenter a valid creator name to continue.

RX050E

The model specified is invalid.

Press HELP for more information.

RX051E

The model specified does not contain model text for Fast Unload.

Reason:

Model text for CA Fast Unload is required to perform the deletion of data using utilities.

Action:

Select another model or update the selected model with CA Fast Unload model text.

RX052E

The model specified has the model text for Fast Unload excluded.

Reason:

The specified model includes the model text for CA Fast Unload, but the model text has been excluded.

Action:

Update the model to include the model text for CA Fast Unload.

RX053E

A valid model id and creator is required.

Reason:

In order to continue processing, a valid model id and creator must be specified.

Action:

Enter a mask and select one from the list. If you wish to cancel processing, enter CANCEL on the command line.

RX060E

Unable to interface with RI/Editor.

Reason:

An attempt has been made to enter RI/Edit to create an External Key File. CA RC/Update is not installed, or a current license was not found.

Action:

CA RC/Update must be installed with a current license in order to create an External Key File.

RX061I

No keys were selected for the external key file.

Reason:

RI/Edit has been exited without any keys selected for an external key file. Therefore, no keys have been written to an external key file. If an external key file already existed, then it remains unchanged.

Action:

To remove all keys from an external key file, simply delete the file.

RX062E

The LRECL of the External Key File is less than the key length.

Reason:

The LRECL of the data set selected for an External Key File is less than the length of the key.

Action:

Select an External Key File with an LRECL equal to or longer than the length of the key. Or, specify a data set name that does not exist and create a new data set.

RX063I

External Key File processing has been canceled.

Reason:

The selection of keys using RI/Edit has been canceled. No keys have been written to an External Key File. If an External Key File already existed, then it remains unchanged.

Action:

No action required.

RX064E

Unable to allocate the External Key File.

Reason:

The External Key File specified can not be allocated. It most likely does not exist.

Action:

Enter a Y in the Key File Input field to create a new External Key File.

RX065E

The External Key File does not match the start table creator and name.

Reason:

While verifying the External Key File, the table creator and name were found to not match the start table creator and name. It is most likely this External Key File was created for another Source Definition.

RX066E

The External Key File does not match the start table key column.

Reason:

While verifying the External Key File, the primary key columns were found to not match the start table primary key columns. It is most likely the start table has been altered since the External Key File was created.

RX067E

Member may not be specified for non-partitioned dataset.

Reason:

The DSNNAME specified exists but is not partitioned. Therefore, the member name is invalid.

Action:

To correct this, remove the member name from the entry or correct the DSNNAME to refer to a Partitioned Dataset (PDS).

RX068E

DSN and member specified do not exist - Press help for suggestions.

Reason:

The DSNNAME entered does not exist.

Action:

If you want RCX to create a Sequention data set for the Keyfile, do not specify a member name. If you wish to use a Partitioned Dataset and member, you must create the Dataset prior to using it here; RCX will create the new member for you. If this error was caused by an error in the name of the Partitioned Dataset, just correct the error and re-enter.

RX072E

This command is invalid for an Extract Object on tape. Press Help.

Reason:

When using the CA RC/Extract Command Center to perform an extraction, you entered an invalid command. The R, X, I, P, Z, F, E and K line commands are not valid for extract object data sets that are on tape.

Action:

Enter a valid command:

C

Creates an object definition.

D

Deletes an extract object.

RX090E

The block size must be a multiple of the record length.

Reason:

The block size specified is not a multiple of the logical record length.

Action:

For fixed block (FB) records, the block size must be a multiple of the logical record length specified. For variable blocked (VB) records, the block size must be a multiple of the specified logical record length- 4.

RX101I

You must select a Source Definition before performing extract.

Reason:

An error has occurred.

Action:

Select a source definition.

RX110E

INVALID COMMAND, USE "S" TO SELECT OBJECT.

Reason:

You have entered an invalid line command to select a start table. The only valid command is "S".

Action:

Clear the invalid command and use an "S" line command to select a start table.

RX111I

SELECT A START OBJECT.

Reason:

You are in the Start Object Selection pop-up window.

Action:

You must select a start object with the S command and use PF3 to continue. Or you can use CANCEL to return to the previous screen.

RX112I

NO OBJECT(S) MATCH SELECTION CRITERIA.

Reason:

There are no objects in the catalog that match your selection criteria.

Action:

Reenter the selection criteria to obtain a valid start table or cancel to return to the previous screen.

RX113E

YOU MUST SELECT A START TABLE.

Reason:

You are in the Start Table Selection pop up window.

Action:

You must select a start table with the "S" command and use PF3 to continue. Or you can use cancel to return to the previous screen.

RX114E**MULTIPLE OBJECTS SELECTED, SELECT ONE.****Reason:**

You have selected more than 1 object.

Action:

Return and select only 1 object or cancel to return to the previous screen.

RX115E**THE OBJECT TYPE FIELD MUST BE "A", "S", "T", "V", or "*".****Reason:**

The specified value is invalid.

Action:

Specify one of the following values to specify the type of start object:

A

Lists aliases.

S

Lists synonyms.

T

Lists tables.

V

Lists views.

Lists all supported objects types.

RX116E**THE VIEW OR ALIAS FOR VIEW OR SYNONYM FOR VIEW SELECTED CONTAINS A VIEW.****Reason:**

This object cannot be selected. It is a view of a view or a join.

Action:

Clear the S line command and select a different object.

RX117E

THE VIEW OR ALIAS FOR VIEW OR SYNONYM FOR VIEW SELECTED CONTAINS A VIEW.

Reason:

This object cannot be selected. It is a view of a view.

Action:

Clear the S line command and select a different object.

RX118E

THE VIEW OR ALIAS FOR VIEW OR SYNONYM FOR VIEW SELECTED CONTAINS A JOIN.

Reason:

This object cannot be selected. It is a view of a join.

Action:

Clear the S line command and select a different object.

RX119E

THE VIEW OR ALIAS FOR VIEW OR SYNONYM FOR VIEW SELECTED IS MISSING KEY COLUMNS.

Reason:

This object cannot be selected. It is missing key columns from the base table.

Action:

Clear the S line command and select a different object.

RX121E

NO SOURCE DEFINITIONS MATCH SELECTION CRITERIA.

Action:

Verify that the selection criteria identifies the source definition you desire. Check the creator and name to assure it is a valid combination or use wildcards such as the asterisk or percent sign to display a list. It is also possible the source definition you desire was created by another user with a SHAREOPT of N.

RX122I

INVALID COMMAND. VALID COMMANDS ARE (S).

Reason:

The only valid line command is S.

Action:

Use an S to select the object that you wish to use.

RX123E

INVALID CHARACTER IN SOURCE DEFINITION NAME.

Reason:

You have entered an invalid character or characters in the name field. Valid characters are A to Z, 0 to 9, \$, #, and @. Valid wildcards are * and . The name cannot start with a numeric character.

RX124E

TO CREATE A NEW SRCDEF, ENTER YOUR TSO USERID AS CREATOR.

Reason:

To create a new source definition you must enter your TSO USERID in the creator field.

Action:

If you want a selection list, use an asterisk or percent sign in the creator field.

RX125E

Object already exists in SRCDEF - but may be excluded. Press HELP.

Reason:

The object selected already exists in the source definition. However, it may have been excluded and may not be visible in the Source Definition edit screen. You must select it in order to include it in the extraction.

If the object selected is a view, its base table has been located in the Source Definition. The base table may have been mapped by another view. To change the view mapped to the table, return to the Source Definition edit screen and use the V line command on the desired object name.

RX126I

SELECTED OBJECTS HAVE BEEN INSERTED INTO THE SRCDEF.

PRESS HELP.

Reason:

Selected objects have been inserted into the source definition. The inserted objects will be visible on return from the insert object popup panel.

RX131E

BOTH SAMPLE FIELDS MUST BE SUPPLIED.

Reason:

This error indicates that both values for Sampling must be supplied.

Action:

Specify the frequency of selection for extracting rows from the start table. The first number is the sample count. The second number is the sample size.

RX132E

SAMPLE FIELD1 MUST BE LESS THAN SAMPLE field2.

Reason:

This error indicates that the values for the Sampling ratio are invalid. The first number specified must be less than the second number specified. The first number is the sample count. The second number is the sample size. For example, to specify every third row, enter 1 of 3.

RX133W

YOU LACK UPDATE AUTHORIZATION. USE SAVE AS COMMAND TO TEMPLATE OBJECT.

Reason:

This warning indicates that you do not have authority on this object to perform a save. If you are not the owner of an object the Share Option must be set to U for you to be able to update it. The SAVE AS command may be used to create a copy of the current object.

RX134E

INVALID COMMAND. COMMANDS ARE S,X,B,R,C,P OR A.

Reason:

This error indicates that the line command is invalid. Valid commands are as follows:

- S-Select this object to be included in the extraction.
- X-Exclude this object from the extraction.
- B-Invoke RC/Browse for this object.
- R-Select/Exclude from related tables list.
- C-Select/Exclude from related child tables list.
- P-Select/Exclude from related parent tables list.
- A-Select/Exclude from all tables.

RX135E

INVALID COMMAND. VALID COMMANDS ARE S AND X.

Reason:

This error indicates that the line command is invalid. Valid commands are as follows:

- S-Select this object to be included in the extraction.
- X-Exclude this object from the extraction.

RX136E

ONLY ONE START TABLE MAY BE SPECIFIED. PRESS HELP FOR MORE INFO

Reason:

You have specified more than one start table. The associated help screen has more information.

RX137E

YOU MUST SPECIFY A START TABLE.

Reason:

This error indicates that a start table has not been specified. A start table is required to define an extraction.

RX138E

INVALID COMMAND. VALID COMMANDS ARE S,X,A,E,I,N. HELP FOR MORE.

Reason:

You have specified an invalid command. Valid commands are S, X, A, E, I, and N.

RX139E

YOU MUST SPECIFY A NAME OTHER THAN TEMP.

Reason:

This error indicates that the name TEMP is invalid. Enter a valid object name.

RX140H

SELECT PF6 TO TOGGLE BETWEEN DISPLAY MODES.

Reason:

Informs you that PF6 can be used to toggle between the display modes of PLAN and WARNING. PLAN mode shows the order of the steps taken to process the source definition. WARNING mode displays any warning messages for the source definition.

RX141W

THERE ARE NO help_modes TO DISPLAY.

Reason:

Informs you that there is no help mode information to display and the corresponding screen has not been invoked.

RX142E

INVALID COMMAND. VALID COMMANDS ARE S,I,AND X.

Reason:

This error indicates that a non-valid command was entered. The valid commands are as follows:

- S-Select (and explode) the details of the step.
- I-Implode the details of the step.
- X-Explode the details of the step (same as "S").

RX143E

YOU CANNOT EXCLUDE THE START TABLE.

Reason:

The start table is the anchor of the extract object. It cannot be excluded from processing.

RX144E

PLAN command cannot execute; invalid SRCDEF. Press help for more info.

Reason:

Information contained in the Source Definition is no longer valid. RI defining the relationships between objects in this SRCDEF may have been dropped or changed after the creation of the SRCDEF.

Because of this discrepancy, the PLAN command cannot be executed; information it requires is no longer available.

Action:

You are advised to delete the SRCDEF, and create a new one based on the new or revised RI.

RX145W

Invalid SRCDEF info; RI may have changed. HELP for more info.

Reason:

Information contained in the source definition is no longer valid. The SRCDEF is defined according to the original relationships between the objects. Dropping relationships or making other changes to the RI after creating a SRCDEF invalidates the SRCDEF.

Action:

You may still update the SRCDEF and be able to use it to perform an extraction, but this is not recommended. The best and safest solution is to delete the SRCDEF, and create a new one based on the new or revised RI.

RX151I

NO OBJECTS FOUND.

Reason:

Informs you that there were no objects found for the search criteria specified. Verify the values. The "*" and "" wildcard characters may be used.

RX152E

INVALID COMMAND ON CREATE LINE. THE ONLY VALID COMMAND IS C.

Reason:

This error indicates that a non-valid command was entered. The only valid command on the Object Create line within the Control Center is C.

RX153E

INVALID SRCDEF COMMAND. VALID COMMANDS ARE D,T,U, AND X.

Reason:

This error indicates that a non-valid command was entered. The valid line commands for a SRCDEF are as follows:

- D-Delete a source definition
- T-Template a source definition
- U-Update a source definition
- X-Perform extract

RX154E

INVALID EXTOBJ COMMAND. VALID COMMANDS ARE C,D,R,X,I,P, AND F.

Reason:

This error indicates that a non-valid command was entered. The valid line commands for an EXTOBJ are as follows:

- C-Create a target definition
- D-Delete an extract object
- R-Display extract report
- X-Refresh extract object
- I-Insert into same named tables
- P-Delete from same named tables
- F-Find data in extract object

RX155E

INVALID TRGDEF COMMAND. VALID COMMANDS ARE D,T,U,I, AND P.

Reason:

This error indicates that a non-valid command was entered. The valid line commands for a TRGDEF are as follows:

- D-Delete a target definition
- T-Template a target definition
- U-Update a target definition
- I-Insert rows using target definition
- P-Delete rows using target definition

RX156E

YOU ARE NOT AUTHORIZED TO DELETE THIS OBJECT.

Reason:

Informs you that you are not authorized to delete this object. If you are not the owner and the Share Code is not set to "U" (Use and Update), you do not have the ability to perform the deletion.

RX158E

INVALID OBJECT TYPE. VALID TYPES ARE S AND T.

Reason:

Indicates an invalid object type has been specified. Valid codes are "S" for SRCDEF, and "T" for TRGDEF.

RX159E

REPORT NOT VALID FOR TAPE-BASED EXTRACT OBJECTS.

Reason:

The option to view the extract report is not valid for extract objects that reside on tapes.

RX160H

Select a command and hit ENTER, or PF3 to end.

Reason:

A list of valid commands for the specified object type has been displayed.

Action:

Select the desired command by entering the command on command line or entering an S next to the command in the list.

RX161E

ONLY ONE COMMAND MAY BE SELECTED.

Reason:

You have selected more than one command.

Action:

Select one command and press enter.

RX170I

SETTINGS SAVED IN PROFILE.

Reason:

The field values that you have entered in the Extract Options screen will be saved in your ISPF profile, since you just issued the SAVE primary command.

RX171E

INVALID VALUE, ENTER DISK/TAPE.

Reason:

This field is used to specify if the Extract Object should be written to a tape or disk data set. Valid values are as follows:

- DISK-Create a disk data set for the extract object.
- TAPE-Create a tape data set for the extract object.

RX172E

INVALID VALUE, ENTER TRK/CYL/BLK.

Reason:

This field is used to specify the space unit parameter for an Extract Object that will be written to a DISK data set. Valid values are as follows:

- TRK-Space units in Tracks.
- CYL-Space units in Cylinders.
- BLK-Space units in Blocks.

RX173E

INVALID VALUE, ENTER TRK/CYL.

Reason:

This field is used to specify the space unit parameter for a data set that will be created during execution of a load utility. Valid values are as follows:

- TRK-Space units in Tracks.
- CYL-Space units in Cylinders.

RX174E

INVALID VALUE, ENTER 0, 1, OR 2.

PRESS HELP FOR MORE INFORMATION

Reason:

You have entered an invalid valid value in a field used to specify the method used to store keys of extracted rows.

Action:

Enter 0, 1, or 2.

RX175E

Invalid value, enter Y, N, P, or T.

Reason:

An invalid value was specified in the Use Image Copy field. This field specifies whether to use an image copy for extraction using CA Fast Unload.

Valid values are as follows:

- N—Do not use an image copy.
- Y—Use the most recent image copy.
- P—Use a concatenation of the most recent partition-level image copies.
- T—Generate a "template" of IMAGECOPY cards that will be manually edited to specify the image copy data sets.

Action:

Enter a valid value.

RX176E

INVALID VALUE, ENTER C, I, OR R.

PRESS HELP FOR MORE INFORMATION.

RX177E

A KEYSMODE OPTION OF 1 OR 2 MUST BE RUN IN BATCH. PRESS HELP.

Reason:

A KEYSMODE option of 1 or 2 involves the use of data spaces and must be executed in batch mode.

Action:

Specify B for the Process Mode.

RX178E

THE FAST UNLOAD UTILITY MUST BE RUN IN BATCH. PRESS HELP.

Reason:

The CA Fast Unload utility is required to be executed in batch mode.

Action:

Specify B for the Process Mode.

RX180E

INVALID OPTION. VALID OPTIONS ARE options.

Reason:

This error indicates that a non-valid value was entered for this option.

Action:

Use one of the correct option values as specified in the message.

RX181E

INVALID OPTION. VALID OPTIONS ARE Y,N,2.

Reason:

Indicates the value entered for Image Copy is invalid.

Action:

Specify whether to take an image copy before the load is finished by entering one of the following values: Y - Yes, N - No, and 2 - 2 Copies (V5 and above).

RX182E

INVALID OPTION. VALID OPTIONS ARE Y,N,R.

Reason:

Indicates the value entered for Load Resume. Replace is invalid.

Action:

Specify how you want to process the rows in the table by entering one of the following values:

- Y-The existing rows of the table will not be deleted. If the tablespace is not empty, RC/Extract adds the records at the end of the file. If the tablespace is empty, RC/Extract issues a warning and continues.
- N-If the tablespace is not empty (if it contains any rows in any table in the tablespace), processing stops.
- R-All existing rows in the tablespace will be deleted, and the load processing is started from the beginning of the empty table.

RX183E

IBM AND FAST LOAD UTILITIES MUST BE RUN IN BATCH.

Reason:

This error indicates that the IBM LOAD and CA Fast Load utilities must be run in batch. This can be done using generated JCL or through the Batch processor.

RX184E

Invalid value, enter S, U, or *

Reason:

This field is used to specify the method used to extract data. Valid values are:

- S -SQL.
- U-Utility. Currently, only CA Fast Unload is supported.
- *-To be determined by RCX. A utility will be used when possible.

RX185E

SORTKEY IN ONLY SUPPORTED FOR DB2 V5 OR ABOVE.

Reason:

You cannot use SORTKEY with the version of DB2 you are running.

RX190I

THERE ARE NO RELATIONSHIPS TO DISPLAY.

Reason:

This messages indicates that there are no relationships for the current Source Definition. The request to enter Relationship Display Mode is ignored.

RX192I

One or More EQF not shareable. Use a new or shareable EQF.

Reason:

A SRCDEF is templated or updated using a USERID that is different from the creator of the SRCDEF. The SRCDEF has one or more nonshareable EQFs, which this new USERID may not have access. The EQF are lost.

Action:

Use shareable EQF or nonshareable EQF created by this new USERID.

RX200I

THERE ARE NO VIEWS ON THIS TABLE.

PRESS HELP FOR MORE INFORMATION.

Reason:

No views exist for this table. The extraction will be performed on the table. No further action is required.

RX201I

A VIEW HAS BEEN SELECTED FOR THIS TABLE. PRESS HELP FOR MORE INFO.

Reason:

A view has been selected for this table. The extraction will be performed on the table using the selected view. No further action is required.

RX202I

A VIEW HAS NOT BEEN SELECTED. THE TABLE WILL BE USED. PRESS HELP.

Reason:

A view has not been selected for this table. If a view had been previously selected, it has been replaced by the table. The extraction will be performed on the table. No further action is required.

RX210E

INVALID COMMAND, USE "S" TO SELECT OBJECT.

Reason:

This error indicates that an invalid line command was used to select an object. Use "S" to perform the selection.

RX211H

SELECT AN EXTRACT OBJECT.

Reason:

Indicates that you have tried to exit the Extract Object Selection pop-up without selecting an Extract Object Dataset. Simply type an S in front of the Extract Object Dataset you want to utilize. You can also re-enter your EXTRACT OBJECT DSN MASK selection criteria to display another listing of Extract Object Datasets from which you may choose.

RX212I

NO OBJECT(S) MATCH SELECTION CRITERIA.

Reason:

Indicates that no objects match the selection criteria you entered in the EXTRACT OBJECT DSN MASK field. Re-enter your EXTRACT OBJECT DSN MASK selection criteria to display another listing of Extract Object Datasets from which you may choose.

RX213E

YOU MUST SELECT AN EXTRACT OBJECT.

Reason:

Indicates that you have tried to exit the Extract Object Selection pop-up without selecting an Extract Object Dataset. Simply type an S in front of the Extract Object Dataset you want to utilize. You can also re-enter your EXTRACT OBJECT DSN MASK selection criteria to display another listing of Extract Object Datasets from which you may choose.

RX214E

MULTIPLE OBJECTS SELECTED, SELECT ONE

Reason:

Indicates that you have selected more than one Extract Object Dataset from the list provided. Simply remove the S from all data sets except the one to which you want the Target Definition defined. While you can have only one data set per extract object; per extract object, you can have multiple target definitions associated with them. By using multiple target definitions each with a different extract object data set, you may be able to accomplish your previous purpose.

RX215E

SELECTED DATASET IS NOT AN EXTRACT OBJECT

Reason:

Indicates that the data set you selected for the Extract Object is not an Extract Object. It is possible that the Extract Object data set was overwritten by another process or you may have selected the wrong data set.

RX216E**EXTRACT OBJECT MUST BE A SEQUENTIAL DATASET.****Reason:**

Indicates that the data set name you selected for the Extract Object is not a sequential data set. You may have selected a partitioned data set, a VSAM data set, or some other non-sequential data set type.

RX217E**YOU MUST SELECT A TARGET DEFINITION.****Reason:**

Indicates that you have tried to exit without selecting a Target Definition. A Target Definition is defined for an Extract Object and is required to uniquely identify subsequent load processing. You must supply the name of an Extract Object for which the Target Definition is or will be defined.

RX218E**EXTRACT OBJECT ERROR.****Reason:**

This error indicates that the data set selected for the Extract Object could not be allocated. The following are some examples of situations that would cause this error:

- The data set does not currently exist.
- The data set is in use by another user.
- An invalid data set name was specified.

RX219E**INVALID EXTRACT OBJECT DATASET MASK.****Reason:**

Indicates that the information you typed within the EXTRACT OBJECT DSN MASK field is invalid. Re-enter your EXTRACT OBJECT DSN MASK selection criteria to display a list of Extract Object Datasets from which you may choose. Simply type an S in front of the Extract Object Dataset you want to utilize.

RX220H

ENTER CRITERIA FOR NEW OR EXISTING TARGET DEFINITION AND PRESS ENTER.

Reason:

Use the following fields to identify the Target Definition you want to create or update:

- Extract Object-A Target Definition is defined for an Extract Object and is required to uniquely identify subsequent load processing. You must supply the name of the Extract Object for which the Target Definition is or will be defined.
- Creator-The usage of this field depends on the desired function. If you are creating a new target definition, the creator field must be your TSO user ID. If you change this field to something other than your user ID, RC/Extract will assume you are attempting to update a target definition created by another user.

If you are updating an existing target definition, the creator field must be the target definition you wish to update. You can enter selection criteria to bring up a list of target definitions.

RX221E

NO TARGET DEFINITIONS MATCH SELECTION CRITERIA.

Action:

Verify that the extract is a valid extract object. Check the creator and name to assure that it is a valid combination or use wild cards such as a blank, asterisk or percent sign to display a list.

RX222E

UNABLE TO ALLOCATE EXTRACT OBJECT DATASET.

Reason:

This error indicates that the data set selected for the Extract Object could not be allocated. The following are some examples of situations that would cause this error:

- The data set does not currently exist.
- The data set is in use by another user.
- An invalid data set name was specified.

RX223E

TARGET DEFINITION definition ALREADY EXISTS.

Reason:

The Target Definition name specified currently exists.

Action:

To continue, enter a unique name and press Enter.

RX224E

IMBEDDED BLANK NOT ALLOWED IN TARGET DEFINITION. HELP FOR MORE

Reason:

You have entered an imbedded blank in a target definition name field. Valid characters are A to Z, dollar, pound, at and 0 to 9. The name cannot start with a numeric character.

RX230H

PRESS PF6 TO VIEW ATTRIBUTES.

Action:

Press the PF6 key to view attributes for the selected target definition.

RX231E

RC/UPDATE MUST BE PURCHASED TO USE THE T (TEMPLATE) COMMAND.

Reason:

You need to have purchased the program in order to use the template command to create tables.

Action:

Verify that you are able to use the program or call CA for assistance.

RX232E

THE SOURCE AND TARGET SSIDS MUST BE THE SAME TO USE THE T COMMAND.

Reason:

The source subsystem id and the target subsystem id must be the same in order to use the template command for target tables.

RX234E

INVALID COMMAND. VALID COMMANDS ARE T, B, S OR X.

Reason:

Valid values are as follows:

- S-Include this object in the target load (Default).
- X-Exclude this object from the target load.
- B-If the target object exists, you can enter a B in this field to jump from RC/Extract into RC/Update to browse the target object yourself.
- T-If the target object does not exist, you can enter a T in this field to jump from RC/Extract into RC/Update to create the target object yourself, using the existing source object as a “template”. You specify table parameters on the RC/Update CA Table Template screen, and when you have finished, you are returned to the RC/Extract Target Mapping screen.

RX235E

THE T COMMAND IS ONLY VALID WHEN THE TARGET OBJECT DOES NOT EXIST.

Reason:

If the target object already exists, it is mapped or not. You can use the template command if the target object does not exist and the target has the same subsystem id as the source object.

RX236

THE T COMMAND REQUIRES THAT A CONNECTION TO TARGET SSID CAN BE MADE.

Action:

You must be able to make a connection to the target subsystem in order to template new target objects. If you are unable to connect, then you are unable to use the template line command.

RX237E

THE B LINE COMMAND IS ONLY VALID WHEN THE TARGET OBJECT EXISTS.

Reason:

Only an existing object can be browsed. The existence of an object can be determined by the MAP column. Any value other than NEW indicates the target object exists.

RX240E**REFRESH EXTRACT OBJECT COMMAND NOT VALID.****Reason:**

The Refresh command is not valid on this Extract Object. This is because the Source Definition that created this extract object is located in a different Registry. The Command Center must be able to access the Source Definition to process this command.

RX241I**SEARCH VALUE FOUND IN object_name****Reason:**

The search value was found in the object named in this message. No further action is required.

RX242I**SEARCH VALUE NOT FOUND IN object_name****Reason:**

The search value was not found in the object named in this message. No further action is required.

RX243E**VALUE ENTERED NOT VALID FOR COLUMN TYPE.****Reason:**

The value specified in your selection criteria for the F command is a different type than the column type of the column that you selected.

Action:

Replace the value with data of the same type as the column selected.

RX244E

THE TABLE YOU SPECIFIED IS NOT CONTAINED IN THE EXTRACT OBJECT.

Reason:

The table specified in your selection criteria for the F command, does not exist in the selected extract object.

Action:

Choose another table name or use an asterisk as a wild card to continue.

RX245E

ENTER A SEARCH VALUE.

Action:

Enter the value exactly as it should appear in the column. Character fields will be truncated or blank filled on the right to correct data length in the column. Numeric fields will be truncated or zero filled on the left. Non-integer fields will maintain the precision and scale appropriate to the column. Signs must appear to the left of the signed number.

RX246E

THE COLUMN YOU SPECIFIED IS NOT CONTAINED IN THE EXTRACT OBJECT

Reason:

The column you specified is not contained in the extract object. You can use an asterisk as a wild card and get a selection list of valid columns.

RX250I

USE SAVE AS COMMAND TO TEMPLATE.

Reason:

To complete the template request, the SAVE AS command must be used to save the definition under a different name. If the SAVE AS command is not issued before the PF3 key is entered, then the SAVE AS command will be issued automatically.

RX251E

SOURCE DEFINITION definition ALREADY EXISTS.

Reason:

The Source Definition name specified currently exists. To continue, enter a unique name and press Enter.

RX252E

YOU CANNOT OVER WRITE DEFINITION USING TEMPLATE.

Reason:

Source and target definitions cannot be overwritten if you are using the template command. If you want to over write an existing definition you can use the U (update) command.

RX253W

EXTRACT CANNOT CONNECT TO THE SELECTED SSID.

Reason:

Warning that RCX cannot connect to the target subsystem. You can enter any value for the SSID and generate load JCL that can be saved. The job can then be run on a CPU where the SSID is valid. It is up to the user to Ensure that the SSID is valid when the job executes.

RX254E

Data set number must be in the range 1-32.

Reason:

The specified data set number is outside the valid range for the sort DYNALLOC parameter. The valid range for the data set number is 1 through 32.

Action:

Enter a valid number for the maximum number of SORTWK data sets to allocate.

RX260I

PLEASE SELECT OBJECT(S) AND COLUMN(S) TO MASK OR CANCEL.

Reason:

Objects and columns have not been selected for processing.

Action:

Type CANCEL to exit the Data Masking panel without processing.

END or F3 means that the objects and columns entered are ready to process; however, no object or column names have been inserted on the panel.

RX261I

NO VALID LINE COMMAND ENTERED. VALID COMMANDS ARE I, D.

Reason:

Valid line commands on the Post Data Masking Facility Services panel are I (insert) and D (delete).

Action:

Specify a valid line command or END (F3) to process. Specify CANCEL or F12 to return to the Command Center.

RX262I

PLEASE SELECT AN OBJECT TO MASK OR CANCEL.

Reason:

Objects have not been selected for processing.

Action:

Specify **S** next to an object on the Object-selection pop-up window to select it for data masking or specify CANCEL to return to the main panel.

RX263I**PLEASE SELECT A COLUMN TO MASK OR CANCEL.****Reason:**

Columns have not been selected for processing.

Action:

Specify **S** next to a column on the column-selection pop-up window to select it for masking or specify **CANCEL** to return to the main panel.

RX264I**NO OBJECTS MATCH THE SELECTION CRITERIA.****Reason:**

The specified object name is not a valid name of an object in the source definition.

Action:

Check the names of the objects included in the source definition, or enter * (asterisk) to select from a list of valid object names.

RX265I**NO COLUMNS MATCH THE SELECTION CRITERIA.****Reason:**

The specified column name is not a valid name of a column in the selected object.

Action:

Check the names of the columns in the object name selected or specify an asterisk (*) to select from a list of valid column names. You must also re-enter the I line command.

RX266I**PREVIOUS ENTRY HAS NOT BEEN COMPLETED.****Reason:**

The previous entry does not contain a valid object *and* column name.

Action:

The previous entry must be complete and valid before you can insert another row. If you cannot complete the previous row, but want to proceed with this panel, delete the previous entry by entering **D** in the line command of the row you want to delete.

RX267I

YOU HAVE ENTERED AN INVALID COMMAND. PRESS HELP FOR MORE INFO.

Reason:

An invalid command has been specified.

Action:

Specify a valid command. Valid commands include END, CANCEL, EXIT, MAIN, HELP, and the CA Global Commands.

The RCX specific commands PROFILE, ACMON, ACMOFF, WIZARD and INFO are not implemented for this panel. If you need to use them, you must CANCEL and return to the Command Center.

RX268I

ENTER I IN THE FIRST ROW LINE COMMAND (C) COLUMN TO BEGIN.

Reason:

The I (insert) line command must be specified to begin processing.

Action:

If no additional columns are entered, a list of objects contained in the selected extract object appears in a pop-up window. After you select the first object, another pop-up window appears for the columns of the object, from which you should select a column for processing.

You can also type the Object Creator, Object Name, and Column Name in the appropriate columns, instead of selecting from the pop-up windows.

RX269I

MULTIPLE ITEMS SELECTED. SELECT ONE AT A TIME.

Reason:

More than one object or column name has been selected from the list provided.

Action:

Remove the S from all lines except one.

Up to 40 object/column combinations can be processed in one execution, but each object/column combination must be selected separately.

RX270I**ENTER DIFFERENT DATA MASKED FILE NAME VALUES OR CANCEL.****Reason:**

The file name for the new data masked extract object already exists and you chose not to overwrite it on the previous pop-up window.

Action:

Change the name segments in the panel header, specify another name, or cancel this data masking.

RX271I**INSERT COMMAND PERMITTED ONLY ON FIRST ROW.****Reason:**

The I (insert) command can only be entered on the first row of the panel, which contains the wildcard entries (*) in the object and column fields. The inserted row is added to the end of the list of selections.

D (delete) is the only command that can be specified on all other rows.

RX272I**DATA MASKING OF THIS DATA TYPE IS NOT SUPPORTED.****Reason:**

An invalid data type has been specified.

Action:

The following data types can be masked: CHAR, GRAPHIC, VARCHAR, LONGVAR, VARG, LONGVARG, FLOAT, REAL, INTEGER, SMALLINT, DECIMAL, and DATE.

Other data types which are used in DB2 cannot be data masked using the supplied data masking routine.

RX273I

PREVIOUS ENTRY INVALID - DUPLICATE.

Reason:

The row just entered has been automatically deleted, because it was an exact duplicate of an existing row.

Action:

You do not need to take any action. To select additional rows, you can continue entering data.

RX275E

ALLOCATION ERROR CODE = return_code, REASON reason_code.

Reason:

The program attempted to allocate the extract object data set, and the allocation failed. This is a fatal error and processing is cancelled.

Action:

Review the return and reason codes for the cause of the error.

RX276E

FATAL ERROR WHEN MASKING DATA. OUTPUT INVALID.

Reason:

The routine performing the actual masking of data has failed, returning a non-zero return code. No further information is available. A partial masked extract object may have been created, but should not be used. This is a fatal error and data masking will be cancelled.

RX277E

FATAL ERROR ACQUIRING STORAGE.

Reason:

An attempt to get additional storage needed for processing has failed. This is a fatal error and processing is cancelled.

RX278E**ERROR BUILDING SRCDEF OR OBJECT LIST FOR EXTOBJ.****Reason:**

One of the routines responsible for building the required source definition or the object information has returned an error code. This is a fatal error and processing will be cancelled.

RX279E**FATAL ERROR OBTAINING INPUT FILE SIZE STATISTICS.****Reason:**

The program called to determine the size of the extract file, needed to determine the space required for the masked file, has returned an error code. This is a fatal error and data masking will be cancelled.

RX280E**FATAL ERROR - UNIDENTIFIED INTERNAL PROBLEM.****Reason:**

An unexpected error with an unknown cause has occurred. No further information is available about the error. This is a fatal error and processing will be cancelled.

RX281E**UNABLE TO CONNECT TO REGISTRY - SUBSYSTEM reason.****Reason:**

The registry subsystem specified in the CVT is unavailable, and the attempt to connect to it to register the masked extract object has failed. The masked file has been created and is probably valid, but has not been registered to CA RC/Extract. This is a fatal error and the remaining processing will be cancelled.

RX282E

SQL ERROR ENCOUNTERED. SQL CODE = reason.

Reason:

An SQL error has occurred when the program attempted to register the new data masked extract file as a file related to its source definition. The SQL Code returned is shown in the message.

The masked file has been written and may be invalid.

This is a fatal error and the remaining processing is cancelled.

RX283E

ORIGINAL EXTOBJ DATA RECORD (\$99) NOT FOUND.

Reason:

While attempting to register the new masked extract object as part of the source definition, an attempt to access the registration for the original (input) extract object failed.

The masked file has been written and may be valid.

This is a fatal error and remaining processing is cancelled.

RX284E

I/O ERROR READING EXTRACT (INPUT) FILE.

Reason:

An I/O error has occurred while reading the original extract file, making it impossible to continue processing.

A partial new masked object may exist, but it is invalid.

This is a fatal error and processing is cancelled.

RX285E

I/O ERROR WRITING DATA MASKED (OUTPUT) FILE.

Reason:

An I/O error has occurred while writing the masked extract file, making it impossible to continue processing.

A partial new masked object may exist, but it is invalid.

This is a fatal error and processing will be cancelled.

RX286E**FATAL ERROR RETRIEVING PRIMARY/FOREIGN KEY INFORMATION.****Reason:**

One of the programs used to retrieve the relationship information needed to assure that data masking does not affect the relational integrity has returned an error code.

This is a fatal error and processing is cancelled.

RX287E**FATAL ERROR - TOO MANY COLS DATA MASKED. ARRAY SIZE EXCEEDED.****Reason:**

The columns selected for data masking, plus related columns added to the data masking list to preserve RI, has exceeded the limit permitted for this process. Try again, selecting fewer columns.

This is a fatal error and this execution of data masking will be cancelled.

RX288**DYNAMIC ALLOCATION ERROR `errcode = error_code` `infocode = info_code`****Reason:**

An error occurred while allocating a new data set during the data masking process. The message identifies the error reason code and the information code from the operating system.

Action:

Review the codes and make an adjustment to the allocation parameters as needed.

RX290E**THE VALUE IN THE "FROM" FIELD FOR THE CREATOR IS INVALID.****Reason:**

The creator name must be specified exactly for all occurrences of that name to be changed. Or, an * can be used to change all of the creator names.

RX291E

THE VALUE IN THE "FROM" FIELD FOR THE OBJECT IS INVALID.

Reason:

The object name must be specified exactly for all occurrences of that name to be changed. Or, an * can be used to change all of the object names.

RX292E

THE VALUE IN THE "FROM" FIELD FOR THE DATABASE IS INVALID.

Reason:

The database name must be specified exactly for all occurrences of that name to be changed. Or, an * can be used to change all of the database names.

RX293E

THE VALUE IN THE "FROM" FIELD FOR THE TABLESPACE IS INVALID.

Reason:

The tablespace name must be specified exactly for all occurrences of that name to be changed. Or, an * can be used to change all of the tablespace names.

RX294E

THE NEW VALUE FOR THE OBJECT NAME CANNOT BE SPACES.

Reason:

If there is a valid value in the From field, there must be a valid value in the To field. The names cannot be changed to spaces.

RX295E

YOU MUST USE AN * OR EXACT NAME IN THE "FROM" FIELD TO MAKE A CHANGE.

Reason:

To change target names, there must be a valid value in the From field. Valid values are an * to change all names for that type of object. Or, you can use an exact name to change all occurrences of that name.

RX298E

Function not supported because the Split Extraction was used.

Reason:

The option you specified cannot be executed because the Extract Object was created using the Split Extraction option.

Functions *not* supported are as follows:

- S (SQL) for the Load Method on the Process Target Definition panel. You must specify U (Utility) for Load Method.
- P, F, E, K, and Z cannot be executed in the Command Center against this type of Extract Object. P and Z cannot be executed against Target Definitions created under this type of Extract Object.

If you must use a function, then you must rerun the extraction without using the Split Extraction option.

RX400E

TARGET DEFINITIONS CONTAINING VIEWS MUST USE SQL LOAD. PRESS H

Reason:

The loading of data into a table via a view is only supported by the SQL Load engine. Specify S for the Load Method.

RX601W

No records exist in extract object for this object

Reason:

No records were selected for extract for this member object.

Action:

Select records.

RX602W

Storage not available.

Reason:

Insufficient storage exists for completing this function.

Action:

Increase the region size or reduce the volume of records for processing.

RX603I

Building object table. This may take a while to complete.

Reason:

Building of the object table in memory is in progress.

Action:

No action is required.

RX604E

Invalid line command code for extract object member.

Reason:

An invalid line command was specified for an extract object member.

Action:

Enter one of the following valid commands:

V

Views the extracted data for the member.

S

Displays additional information about this member.

E

Shows dependent objects for the member.

C

Hides dependent objects for this member.

RX610I

Records found for search

Reason:

One or more records matched the specified search criteria.

Action:

Review the information.

RX611I**No records found for requested search****Reason:**

No records matched the specified search criteria.

Action:

Review your criteria and resubmit your request if necessary.

RX612W**The number of extract object records displayed has been limited due to maximum record constraints****Reason:**

The product restricted the number of displayed records for an extract object. The number of displayed records might be limited because of CA RC/Extract profile settings or because virtual storage constraints prevented records from being formatted.

Action:

Review CA RC/Extract profile variables settings in your profile. If a restriction exists, increase the number or reset to the default value (0) to display all records. Increase the amount of virtual storage for your TSO address space, and retry the request.

RX613E**Invalid column width specified. The column width specified either has zero length or the length is greater than 15 characters****Reason:**

A COLUMN command was entered with a column width that is greater than the maximum limit.

Action:

Reenter the COLUMN command and specify a column width within the valid range.

RX614E

Unrecognized command entered

Reason:

An unsupported view command was entered.

Action:

Enter a supported view command. For a list of valid commands, enter ?.

RX615E

Column width must be a value between 1 and 32767, inclusive

Reason:

A view COLUMN command was entered with an unsupported column width.

Action:

Reenter the COLUMN command that specifies a width between 1 and 32767.

RX616E

Record count must be at least 1

Reason:

A RECORDS command was specified with an invalid record count. The count is required.

Action:

Reenter the RECORDS command with a record count of at least 1.

RX618E

Catalog I/O error locating export object

Reason:

A system catalog error occurred while trying to locate the specified export data set.

Action:

Verify that the name conforms to standard data set naming conventions.

RX619E**Export object data is not cataloged****Reason:**

The export output data set was not found in the system catalog.

Action:

Verify that the specified data set name is correct. If the name is correct, change the export panel controls to allow the data set to be allocated.

RX620I**Export data set found.****Reason:**

The product successfully located the specified export data set.

Action:

No action is required.

RX621I**Export data set allocated.****Reason:**

The product successfully allocated the specified export data set.

Action:

No action is required.

RX622I**Export data set *action*****Reason:**

The extract data was successfully created or replaced in the export data set.

Action:

No action is required.

RX623I

Export data set attributes incorrect

Reason:

The attributes for a data set that is to receive the export data are incompatible with export data set requirements.

Action:

Correct the requirements to allow for export. Data set attributes must be RECFM=VB with an LRECL large enough to contain an export data record formatted for either View or CSV.

RX624I

Export data set delete denied

Reason:

System security settings denied an attempt to delete an export data set.

Action:

Verify that you have the authority to delete the data set.

RX625I

Export data set create failed

Reason:

A request to delete the export object failed. The data set might not be cataloged or might not exist on the volume.

Action:

Verify that the data set name is correct, and retry the request.

RX626E

I/O error encountered locating export data set

Reason:

An I/O error occurred while the product was reading or writing to the export data set.

Action:

Verify that the export data set is accessible, and retry the request.

RX627E**I/O error encountered locating export data set****Reason:**

A catalog I/O error occurred when the product attempted to locate the export data set.

Action:

Verify that the catalog is available and is not corrupted, and then retry the request.

RX628E**Volume volser not mounted****Reason:**

The volume that contains the export data set is not available to the system.

Action:

Mount the volume, and retry the request.

RX629E**Export data set not found on volume volser****Reason:**

The export data set does not exist on the volume volser that the system catalog expects.

Action:

Verify that the data set name is correct, and retry the request.

RX630I**Export data set created, dsname=*data_set_name*****Reason:**

The product successfully created the specified export data set.

Action:

No action is required.

RX631E

Export data set cannot be deleted, dsn=*data_set_name*

Reason:

A request to delete the export object failed. The data set might not be cataloged or might not exist on the expected volume.

Action:

Verify that the data set name is correct, and retry the request.

RX632E

User not authorized for this request

Reason:

The user is not authorized to delete the export object.

Action:

Contact your systems administrator to verify that the user should be allowed to delete the export object. Request an administrator with sufficient authority to delete the data set.

RX634E

Error attempting catalog request

Reason:

The product encountered an unexpected error while cataloging the export data set.

Action:

Retry the request. If the failure persists, contact your system programmer.

RX635E

Catalog does not exist for this request

Reason:

A request to delete the export object failed. The catalog data set does not exist.

Action:

Restore the catalog data set, and retry the request.

RX636E**Unexpected error deleting export data set from VTOC****Reason:**

A request to delete the export object failed. An unexpected catalog error occurred.

Action:

Retry the request. If the failure persists, contact your system programmer

RX637I**Exported data set exists and no replace specified.****Reason:**

An export request was processed for an existing export data set but the replace was not allowed.

Action:

If the data set can be replaced, change the replace option to **Y**, and retry the request.

RX639E**Specified data set name is not a valid export dataset.****Reason:**

The attributes of the export data set do not represent a valid extract object. Export data sets must have LRECL=VB and DSORG=PS.

Action:

Verify that the data set name is correct, and retry the request.

RX640E**Open failed for export data set****Reason:**

An export data set could not be opened for processing.

Action:

Verify that the data set name is correct, and retry the request.

RX641I

Export object successfully created

Reason:

The product successfully created the export data set.

Action:

No action is required.

RX642I

Export object data set name missing. A default data set name has been suggested. Verify the data set name and retry request.

Reason:

An export request omitted the export data set name. The data set name is required. A default data set name has been suggested.

Action:

Accept the default name or specify a new name, and then retry the request.

RX900

TARGET DEFINITION PLACED IN RESTART PENDING

Reason:

Load processing has ended with a restartable error.

RX902

INTERNAL ERROR PARSING SQL LOAD ENGINE CARDS

Reason:

A problem has occurred while parsing the batch processor SQL load cards.

RX903

TARGET DEFINITION NOT FOUND

Reason:

The specified target definition cannot be found in the CA RC/Extract registry.

RX904

TARGET DEFINITION IN USE BY *xxxxxxxx*

Reason:

The specified target definition has been enqueued by another user.

RX905

EXTRACT OBJECT ALLOCATION ERROR *reason1 reason2*

Reason:

SVC99 failed for the extract object due to reason code 1 and reason code 2.

RX907

COULD NOT CONNECT TO SSID *ssid*

Reason:

A problem occurred connecting to the DB2 subsystem.

RX908

ATTEMPT TO PUT TARGET DEFINITION IN RESTART PENDING FAILED

Reason:

An error occurred storing the target definition in the CA RC/Extract registry table.

RX909

AN INTERNAL ERROR OCCURRED, REASON CODE: @@

Reason:

Processing terminated due to an internal error.

Action:

Contact CA Support. Provide the message ID and reason code.

RX910

INSUFFICIENT VIRTUAL STORAGE

Reason:

A virtual storage error occurred in module RXA\$SLE.

RX911

RC/EXTRACT LICENSE HAS EXPIRED

Reason:

A valid CA RC/Extract license was not detected.

RX912

RC/EXTRACT PLAN NOT FOUND

Reason:

A valid plan was not found for CA RC/Extract.

RX913

UNABLE TO PERFORM THIS SQL LOAD WITH UPDATE OPTION

Reason:

An error occurred generating the where clause for an update.

RX914

UNABLE TO PERFORM THIS SQL PURGE

Reason:

An error occurred generating the where clause for a purge.

RX916

SORT FAILED

Reason:

Sort has returned a non-zero return code.

RX917**NO TARGET COLUMNS MAPPED TO SOURCE COLUMNS****Reason:**

This message is issued when an SQL load method is attempted but the target table does not have any columns mapped to columns in the target table (at this time mapping is done by column name).

RX918**NO COLUMN INFORMATION FOR INDEX xxxxxxxx****Reason:**

The named index is for a rowed or identity column. Column information is not available for these column types.

RX919**SQL LOAD WILL FAIL. INDEX ON IDENTITY COLUMN WITH GENERATED AS ALWAYS****Reason:**

An SQL load will fail because of an identity column with generated always.

RXW10006**THE SOURCE OBJECT SUBSYSTEM IS NOT AVAILABLE. THE CCSID USED TO GENERATE THE OBJECT INFORMATION ABOVE IS FROM THE TARGET SUBSYSTEM. YOU MAY GET UNRELIABLE RESULTS IF THE INCORRECT CCSID IS USED.****Reason:**

CA RC/Extract uses the source CCSID to create utility control cards. When CA RC/Extract does not have access to the source object subsystem, the table specification cards (INTO TABLE) are missing from the generated control cards for the utility load jobs.

Action:

If the source object subsystem information is not available, the target object subsystem information is used by default.

Chapter 8: SA to TT

SA Messages

Messages with the SA prefix are generated from CA Subsystem Analyzer.

SA001E

DB2 SSID IS INVALID OR NOT ACTIVE.

Reason:

The DB2 SSID specified on the display is invalid.

Action:

Supply a valid DB2 SSID to allow display processing to continue.

SA002E

XMANAGER IS NOT ACTIVE; REQUEST IGNORED.

Reason:

Xmanager is not currently active. The Xmanager started task is required.

Action:

Start the Xmanager started task.

Note: For more information about the Xmanager started task, see the *General Facilities Reference Guide*.

SA003E

REQ FAILED; ABEND INCURRED; RECOVERY SUCCESSFUL.

Reason:

The display request has incurred an error and abended. Abend recovery was successful and your CA Subsystem Analyzer ISPF session remains active.

SA004E

REQ FAILED, XMANAGER ASYNCH ABEND INCURRED.

Reason:

The request has ended in error. Request processing occurring in the Xmanager address space has abended.

Action:

Determine the cause of the failure in the Xmanager started task. View the Xmanager joblog and MVS SYSLOG to determine what PSA WTO messages have been issued. Also locate any other messages concerning the failure. Abend information should exist in the Xmanager joblog about the error incurred.

Attempt to resolve the problem if possible (RACF and so on).

SA005E

User not authorized for access to *function*.

Reason:

A request to access a CA Subsystem Analyzer function was rejected because the user is not authorized.

If the EXTERNALSEC parameter in the PSA parmlib member is N or omitted, the user has not been granted authorization to the corresponding product plan from the Product Authorizations dialog.

If the EXTERNALSEC parameter is Y and the user cannot access the requested product function, the user has not been granted access to the corresponding SAF resource by the security administrator.

Action:

Obtain the appropriate authorization and retry the request.

SA005E

SAF resource not defined for *function*.

Reason:

A request to access a product function was rejected because the security administrator did not define the corresponding SAF resource.

Action:

Retry the request after the indicated resource is defined to the security system.

SA005E

Saf RC=xxxx Racf RC=yy Reason=zz

Reason:

A request to verify user authorization has failed because of an unexpected error from the security system.

Action:

For assistance, contact CA Support at <http://ca.com/support>.

SA005E

DB2 Error code *reasoncode*

Reason:

A request to connect or create a thread to DB2 has failed due to the indicated DB2 reason code. See the *Messages and Codes* manual for the appropriate version of DB2 for an explanation of the reason code.

SA005E

User not authorized for DB2.

Reason:

A request to connect or create thread to DB2 has failed because the user is not authorized to access the selected DB2 subsystem.

Action:

Retry the request after granting the user access to the DB2 subsystem.

SA005E

Abend abendcode

Reason:

A request to connect or create thread to DB2 has failed due to a program abend. Abendcode is the hexadecimal program abend code.

SA005E

Member Inactive

Reason:

A request to connect or create thread to a non-local DB2 has failed because an Xmanager started procedure was not active on the LPAR where the DB2 subsystem is executing.

Action:

Retry the request after starting an Xmanager started procedure on the same LPAR as the non-local DB2 subsystem.

SA005E

Xmanager Inactive

Reason:

A request to connect or create thread to DB2 was has failed because the Xmanager started procedure is not active.

Action:

Retry the request after starting the Xmanager started procedure.

SA005E

Send Error

Reason:

An Xmanager sysplex communication request failed.

Action:

Retry the request after re-starting the Xmanager started procedure with the XSYS=Y parameter.

SA005E**Timeout****Reason:**

An Xmanager sysplex communication request did not receive a response in the TIMEOUT interval. The request may succeed on retry.

Action:

Retry the request. If the error occurs repeatedly increase the value of the Xmanager TIMEOUT parameter.

SA005E**Sysplex Support Inactive****Reason:**

A request to connect or create thread to a non-local DB2 has failed because the Xmanager cross system support was not active.

Action:

Retry the request after re-starting the Xmanager started procedure with the XSYS=Y parameter.

SA006I**INVALID COMMAND ENTERED.****Reason:**

An invalid ISPF command has been entered.

Action:

Enter a valid command name and press Enter to continue processing. Place a ? on the command line to view commands available for use.

SA008E**INTERNAL VALIDATION HAS FAILED.****Reason:**

The request has ended in error. During processing of the request, a validation error was incurred.

SA009E

SS ANALYZER VER=*version* DOES NOT SUPPORT THIS DB2 VERSION.

Reason:

You have specified a DB2 subsystem ID that is executing a version of DB2 not supported by CA Subsystem Analyzer.

Action:

From this display, you can select a valid DB2 SSID and continue processing.

SA010E

START REQUEST HAS FAILED, DATASTORE VALIDATION ERROR.

Reason:

The start collection request has failed.

Action:

Message PSA0311, which indicates the reason for the failure, can be found in the joblog for the Xmanager address space.

SA011I

COLLECTION INIT SUCCESSFUL FOR DB2=*ssid*.

Reason:

The request to start CA Subsystem Analyzer collection was successful.

Action:

View the current activity display to verify that collection is active. If collection is not active, view the Xmanager joblog and locate any messages that may have been issued. Attempt to resolve the error and reissue the start request.

SA012I

COLLECTION IS ALREADY ACTIVE FOR DB2=*ssid*.

Reason:

The request to start CA Subsystem Analyzer collection was unsuccessful because collection was already active for the specified DB2 SSID.

Action:

Only a single CA Subsystem Analyzer data collector is allowed per DB2 SSID. Since collection is already active, you may view collection results using the CA Subsystem Analyzer Main Menu.

SA013I

SSID HAS CHANGED; PANEL VARS UPDATED FOR DB2=*ssid*.

Reason:

The DB2 SSID has been changed. When the SSID is changed, the panel variables are updated to the values that were last used for the DB2 SSID specified.

Action:

Review and modify the input data as necessary. To process the request, press the Enter key.

SA014E

Line command entered is not valid for this display.

Reason:

The specified line commands are not valid for this display. This error occurs when the **S** line command is entered on three or more rows.

Action:

Select a single history interval or select a contiguous range of history intervals that are bracketed by a pair of **S** line commands.

Note: Refer to the online help for a list of valid line commands and their meanings.

SA015E

Line commands entered are not compatible.

Reason:

Line command S cannot be specified with any other line command.

Action:

Remove the conflicting line command and try the request again.

Note: Refer to the online help for a list of valid line commands and their meanings.

SA016I

TERMINATION REQUEST SUCCESSFULLY ISSUED.

Reason:

The request to terminate CA Subsystem Analyzer collection was successfully issued to the Xmanager address space. The termination request was received by Xmanager and termination processing is currently in progress.

Termination may take a few moments because data externalization and cleanup processing is required when collection is terminated. Messages are written to the Xmanager joblog during collection termination.

Action:

None.

SA017I

COLLECTION NOT ACTIVE FOR DB2=*ssid*.

Reason:

The request to terminate CA Subsystem Analyzer collection was ignored because collection was not active for the DB2 SSID specified.

Action:

None.

SA018E**START REQUEST HAS FAILED, DATASTORE ALLOCATION ERROR.****Reason:**

The start collection request has failed.

Action:

Message PSA0307, which indicates the reason for the failure, can be found in the joblog for the Xmanager address space.

SA019E**START REQUEST HAS FAILED, DATASTORE OPEN ERROR.****Reason:**

The start collection request has failed.

Action:

Message PSA0309, which indicates the reason for the failure, can be found in the joblog for the Xmanager address space.

SA020I**NO DATA COLLECTED THIS COLLECTION INTERVAL.****Reason:**

No collection data exists for the selection requested in the interval being viewed.

SA021I**COLLECTION NOT ACTIVE FOR DB2=*ssid*.****Reason:**

The request to View Current Activity failed because CA Subsystem Analyzer collection is not active for the DB2 SSID specified. CA Subsystem Analyzer current activity displays require collection to be active.

Action:

Start collection for the desired DB2 subsystem. Initializing collection may be performed using the CA Subsystem Analyzer Main Menu.

SA022I

NO INDEX ACTIVITY COLLECTED WHICH REFERENCED TABLE=*table_name*.

Reason:

No indexes have been referenced for the table selected during the collection interval being viewed.

CA Subsystem Analyzer collects information on what indexes have been accessed for a selected table. This includes index/data access as well as index only access.

Indicates that no index access has been executed for the table.

Action:

None.

SA023I

DSN NOT ALLOCATED TO DB2; DISPLAY UNAVAILABLE.

Reason:

No additional information is currently available because the data set is no longer MVS allocated to the DB2 subsystem being viewed.

Action:

If the data set selected is allocated to DB2, navigate to the CA Subsystem Analyzer Data set Allocation display where additional data set extent information is provided.

SA024E

REQUEST FAILED; VALIDATION ERROR.

Reason:

The request has ended in error. During processing of the request, some type of validation error was incurred.

SA025I

NO TABLESPACE ACTIVITY EXISTS FOR DB=*database_name* BPID=*buffer_pool*.

Reason:

There has been no tablespace activity collected for the database *database_name* within the bufferpool *buffer_pool* being viewed. This indicates the database has incurred indexspace activity but has not incurred any tablespace activity.

Action:

To view the indexspaces, select View Tables for the database name on the Database Activity Display and then view the index activity for any table listed on the display.

SA026I

NO TABLESPACE ACTIVITY EXISTS FOR DB=*database_name*.

Reason:

There has been no tablespace activity collected for *database_name*. This indicates the database has incurred indexspace activity but has not incurred any tablespace activity.

Action:

To view the indexspaces, select View Tables for the database name on the Database Activity Display and then view the index activity for any table listed on the display.

SA027I

NO INDEX ACTIVITY COLLECTED FOR TABLE=*table_name*, BPID=*buffer_pool*.

Reason:

No indexes residing in the *buffer_pool* have been referenced for *table_name*.

CA Subsystem Analyzer collects information on what indexes have been accessed for a selected table. This includes index/data access as well as index only access. Only index activity originating from the buffer pool being viewed displays.

Indicates that no index activity originating from the buffer pool exists for the table selected.

Action:

None.

SA028I

NO INDEX ACTIVITY COLLECTED FOR TABLE=table_name, BPID=buffer_pool.

Reason:

No indexes residing in the buffer pool have been referenced for the table.

CA Subsystem Analyzer collects information on what indexes have been accessed for a selected table. This includes index/data access as well as index only access.

Only index activity originating from the buffer pool being viewed displays. This indicates that no index activity originating from the buffer pool exists for the selected table.

Action:

None.

SA029I

NO TABLESPACE ACTIVITY EXISTS FOR DB=database_name.

Reason:

There has been no tablespace activity collected for the database. This indicates that the database has incurred indexspace activity but has not incurred any tablespace activity.

To view the indexspaces, select View Tables for the database name on the Database Activity Display panel and then view the index activity for any table listed on the panel.

Action:

None.

SA030E

REQ FAILED; INTERVAL TIME IS INVALID.

Reason:

The request to initialize CA Subsystem Analyzer collection has failed because an invalid INTERVAL TIME was specified.

The interval time value is in HH:MM format. The interval time controls the length of time of the current interval collections. On expiration, all current interval data is reset and externalized to the collection data store if Externalization=Y is specified.

Action:

Valid interval time values are 00:05 to 99:99. Supply a valid interval time and continue processing.

SA031E**REQ FAILED; TIME LIMIT IS INVALID.****Reason:**

The request to initialize CA Subsystem Analyzer collection has failed because an invalid TIME LIMIT was specified.

The time limit is optional and enables collection to automatically terminate when the time value specified in the time limit field is reached.

The time limit is specified in HH:MM. Valid time limit values are 00:00 to 99:99. A time limit of 00:00 implies no limit.

Action:

Supply a valid time limit and continue processing.

SA032E**REQ FAILED; EXTERNALIZE OPTION IS INVALID.****Reason:**

The request to initialize CA Subsystem Analyzer collection has failed because an invalid EXTERNALIZE option was specified.

Valid options are Y or N. CA Subsystem Analyzer collection externalizes all collection data to a collection data store when Externalize=Y is chosen. If Externalize=N is selected, all collection data is discarded when the collection interval time specified expires.

Action:

Specify a valid externalize option.

SA033E**VIEW OPTION IS INVALID.****Reason:**

The View Option specified on the display was invalid.

Action:

Supply a valid view option value provided on the display and continue processing.

SA034E

DATASTORE HIGHLEVEL QUALIFIER IS INVALID.

Reason:

The request to initialize CA Subsystem Analyzer collection has failed because an invalid data store highlevel name was specified.

When Externalize=Y is selected, a valid data store highlevel qualifier and data store name must be provided on the display. The data store highlevel and data store name is specified when a data store is created.

Action:

Determine the data store desired for collection use. If no data stores exist, create a data store using the Create Datastore selection contained on the display.

SA035E

DATASTORE NAME IS INVALID.

Reason:

The request to initialize CA Subsystem Analyzer collection has failed because an invalid data store name was specified.

When Externalize=Y is selected, a valid data store highlevel qualifier and data store name must be provided on the display. The data store highlevel and data store name is specified when a data store is created.

Action:

Determine the data store desired for collection use. If no data stores exist, create a data store using the Create Datastore selection contained on the display.

SA036E

DATASTORE NAME DOES NOT EXIST.

Reason:

The request to initialize CA Subsystem Analyzer collection failed due to an invalid data store ID. The data store does not exist.

When Externalize=Y is selected, a valid data store highlevel qualifier and data store name must be provided on the display. The data store highlevel and data store name is specified when a data store is created.

Action:

Determine the data store desired for collection use. If no data stores exist, create a data store using the Create Datastore selection contained on the display.

SA037E**VIEW TYPE IS INVALID.****Reason:**

The View Type specified on the display was invalid.

Action:

Supply a valid view type value as listed on the display and continue processing.

SA040E**DATASTORE NAME ALREADY EXISTS; SPECIFY UNIQUE NAME.****Reason:**

The data store name specified already exists. The data store highlevel name and the data store name must be unique when the data store is created. You may view current data store names that exist using option 2 from the CA Subsystem Analyzer Main Menu.

Action:

Supply a valid data store name; use a highlevel.data storename combination that does not already exist for the DB2 subsystem.

SA041E**DATASTORE CREATE FAILED; DSN ALLOCATION ERROR.****Reason:**

The data store create failed because an allocation error was incurred.

Action:

An additional WTO message should have been issued. Locate the message and attempt to resolve the allocation error.

SA042I

DATASTORE CREATE SUCCESSFUL.

Reason:

The data store was successfully created. The data store highlevel and data store name is propagated to the collection initialization display. The data store may now be used by collection.

Action:

None.

SA043E

MAX INTERVALS INVALID; SPECIFY VALID VALUE.

Reason:

The Max Intervals value specified is invalid. This value is the maximum number of collection intervals you would like to have retained in the data store. When the max number of intervals is reached, the oldest interval is discarded.

Action:

Valid range is 1 to 999. Specify a valid value and continue processing.

SA044E

DATASTORE INIT FAILED; ERROR RELATED WTO ISSUED.

Reason:

The data store create has failed because an error was incurred.

Action:

An additional WTO message should have also been received. Attempt to understand and resolve the error using the WTO error message.

SA045E

ALLOC UNIT TYPE IS INVALID; SPECIFY TRKS OR CYLS.

Reason:

The Unit Type value specified is invalid.

Action:

Specify TRKS for tracks or CYLS for cylinders.

SA046E**DATASTORE SSID IS INVALID.****Reason:**

The DB2 SSID specified is invalid.

Action:

Specify the DB2 SSID for which the data store is being created. When a data store is created, it may only be used by the DB2 SSID for which it was created.

SA047E**DATASTORE NAME IS INVALID.****Reason:**

The data store name specified is invalid. The data store name may contain all legal characters that may be used in a data set node name.

Action:

Supply a valid data store name and continue processing the request.

SA048E**PRIMARY QUANTITY IS INVALID.****Reason:**

The primary space quantity value specified is invalid.

Action:

Specify a valid primary space value.

SA049E**SECONDARY QUANTITY IS INVALID.****Reason:**

The secondary space quantity value specified is invalid.

Action:

Specify a valid secondary space value.

SA050E

DATASTORE HIGH LEVEL NAME IS INVALID.

Reason:

The data store highlevel name specified is invalid.

Action:

Specify a valid data store highlevel qualifier name. The highlevel supplied is used as the data set highlevel name for all data sets created for the data store.

SA051E

CONTROL FILE HAS NOT BEEN INITIALIZED.

Reason:

The data store create has failed because the CA Subsystem Analyzer control file was not initialized in the Xmanager address space.

Action:

This is most likely because the control file did not exist when Xmanager was started. Terminate and restart Xmanager and retry the create request.

SA052E

CONTROL FILE CREATE FAILED; WTO ISSUED.

Reason:

The create control file request has failed. An additional WTO message should have been received.

Action:

Attempt to determine the cause of the error using the WTO message text. Correct the error received if possible and retry the create request.

SA053E

CONTROL FILE DATASET NAME IS INVALID.

Reason:

The control file data set name specified is invalid.

Action:

Supply a valid control file data set name and continue processing.

SA054I**CONTROL FILE CREATE SUCCESSFUL.****Reason:**

The control file was successfully created.

Action:

If Xmanager is active, you must terminate and restart it for the newly created control file to be in use.

SA055E**CONTROL FILE DATASET CREATE FAILED DUE TO ERROR.****Reason:**

The create control file request has failed. The call to IDCAMS for create processing failed, but no error information was returned by IDCAMS.

Action:

Try the create again.

SA056E**CONTROL FILE DATASET NOT FOUND.****Reason:**

The create has failed due to error. Create processing attempted to locate the CA Subsystem Analyzer control file data set, but it did not exist.

Action:

If the control file was created while Xmanager was active, you must terminate Xmanager and restart it. Check the Xmanager joblog for any message activity which may have issued.

Attempt to resolve the problem and reissue the create request.

SA057E

CONTROL FILE CREATED; ERROR UPDATING XMANAGER PXMPARM.

Reason:

The create control file request has failed. An error occurred attempting to update the CDBAPXMP data set.

Action:

Verify the CDBAPXMP data set name specified is valid. Ensure that update authority exists for the CDBAPXMP data set name.

Try the create again.

SA058E

XMANAGER PXMPARM DATASET NAME IS INVALID.

Reason:

The create control file request has failed. The CDBAPXMP data set name is invalid.

Action:

Determine the name of your CDBAPXMP data set. Specify the name of the display and reissue the create request.

SA059E

XMANAGER PXMPARM ALLOC FAILED; DATASET NOT FOUND.

Reason:

The create control file request has failed. The CDBAPXMP data set name specified does not exist.

Action:

Determine the name of your CDBAPXMP data set. Specify the name of the display and reissue the create request.

SA060E**CONTROL FILE OPEN FAILED.****Reason:**

The request has failed due to a MVS OPEN error incurred on the CA Subsystem Analyzer control file.

Action:

An additional WTO message may have been issued. Verify the control file was initialized properly when Xmanager was started. Verify all installation tasks required for the control file have been completed properly.

SA061E**ERROR DELETING DATASTORE HISTORY INFORMATION.****Reason:**

The request incurred a failure attempting to delete data store history information from the control file.

Action:

An additional WTO message may have been issued. Verify the control file was initialized properly when Xmanager was started. Verify all installation tasks required for the control file have been completed properly.

SA062E**CONTROL FILE ALLOCATE HAS FAILED.****Reason:**

The request failed due to an error incurred during allocation of the CA Subsystem Analyzer control file.

Action:

An additional WTO message may have been issued. Verify the control file was initialized properly when Xmanager was started. Verify all installation tasks required for the control file have been completed properly.

SA063E

CONTROL FILE UPDATE FAILED; DATASET IS FULL.

Reason:

The request failed because the CA Subsystem Analyzer control file is full. The control file is created during product installation. It is used to contain various product control information.

Action:

You should create a new control file under a different name. Copy the contents of the old control file into the new control file. Rename old control file to a different dsname. Rename the new data store to the original dsname in use. Stop and restart Xmanager. The new file is in use.

SA064E

CONTROL FILE UPDATE FAILED; VSAM ERROR.

Reason:

The request failed because an error was incurred while updating the CA Subsystem Analyzer control file.

Action:

An additional WTO message may have been issued. Verify the control file was initialized properly when Xmanager was started. Verify all installation tasks required for the control file have been completed properly.

SA065E

DELETE OF DATASTORE RECORD HAS FAILED.

Reason:

The delete has failed because an error was incurred while deleting data store control information from the control file.

Action:

Attempt the delete request again.

SA066E**DELETE OF DATASTORE HISTORY RECORDS HAS FAILED.****Reason:**

The delete has failed because an error was incurred while deleting data store history information from the control file.

Action:

Attempt the delete request again.

SA067I**DELETE NOT ALLOWED; DATASTORE IN USE BY COLLECTION.****Reason:**

The data store delete request was rejected because the data store is in use by collection.

Action:

To delete the data store, you must terminate collection and reissue the delete request.

SA068I**DATASTORE=*data store name* SUCCESSFULLY DELETED.****Reason:**

The data store delete request was successful.

Action:

All data sets owned by the data store as well as all control information pertaining to the data store have been deleted.

SA069I**NO DATASTORES EXISTS FOR DB2=*ssid*.**

No data stores exist for the DB2 SSID being viewed.

SA070E

DATASTORE VIEW HAS FAILED; WTO HAS BEEN ISSUED.

Reason:

The request to view the data store has failed due to an error. An additional write to operator message should also have been received at your ISPF terminal.

Action:

Evaluate the WTO message received.

SA071I

NO DB2 SSIDs ARE CURRENTLY ACTIVE.

Reason:

No output is available because no DB2 subsystems are active on the MVS system which you are currently logged on.

Action:

None.

SA072I

DATASTORE IS CURRENTLY EMPTY.

Reason:

The specified data store is empty.

Action:

None.

SA073E

DATASTORE ACCESS HAS FAILED; WTO ISSUED.

Reason:

The request to view the data store has failed due to an error. An additional WTO message should also have been received at your ISPF terminal.

Action:

Evaluate the WTO message received.

SA078E**DATASTORE DATASET DOES NOT EXIST.****Reason:**

The request to view the data store has failed because an error occurred while referencing the control file data set. An additional WTO message may have been received at your ISPF terminal.

This message could occur if during product installation the Xmanager was already active when the control file was created. Observe the Xmanager joblog to determine if any related error messages exist.

Action:

Evaluate all messages received.

SA079E**DATASTORE VIEW FAILED DUE TO CONTROL FILE ERROR.****Reason:**

The data store data set referenced by the request does not exist. The physical data set(s) that were in use by the data store have somehow been deleted.

Action:

Determine why the data sets were deleted. The data sets may have been placed on a work (temporary) volume.

Restore the deleted data sets or create a new data store.

You can locate the data store using the highlevel and data store name. Use highlevel.dstname.* with ISPF option 3.4 to view existing data store data set names.

SA080I**NO DBD STORAGE EXISTS IN EDM POOL.****Reason:**

No EDM pool database descriptor (DBD) storage is currently contained in the pool.

Action:

None.

SA081I

NO FREE AREA STORAGE EXISTS IN EDM POOL.

Reason:

No free storage blocks currently exist in the EDM pool.

Action:

If this is common and your applications are receiving EDM pool related errors, you most likely need to increase your EDM pool size.

SA082I

NO SKCT STORAGE EXISTS IN EDM POOL.

Reason:

No skeleton cursor table (SKCT) storage is currently contained in the EDM pool. SKCT storage is used to contain templates for cursor table constructs as well as application DBRM execution structures.

Action:

None.

SA083I

NO SKPT STORAGE EXISTS IN EDM POOL.

Reason:

No skeleton package table (SKPT) storage is currently contained in the EDM pool. SKPT storage use is limited to environments which use DB2 packages. SKPT storage contains templates used to locate package sections and related package execution constructs.

Action:

None.

SA084I**NO CT STORAGE EXISTS IN EDM POOL.****Reason:**

No cursor table (CT) storage is currently contained in the EDM pool. CT storage is used by active threads and contains thread cursor table data structures and SQL section execution constructs for application DBRMs being executed by the thread.

Action:

None.

SA085I**NO PT STORAGE EXISTS IN EDM POOL.****Reason:**

No package table (PT) storage is currently contained in the EDM pool. PT storage is used by active threads that execute DB2 packages. PT storage consists of execution constructs for threads executing SQL originating from a DB2 package.

Action:

None.

SA086E**EDM POOL COLLECTION HAS FAILED.****Reason:**

The EDM pool contents collection request has ended in error.

SA087I**THREAD HAS TERMINATED.****Reason:**

The thread selected has terminated. From this display, you may view PT storage by package name for an active thread appearing on the display.

Action:

None.

SA088I

NO PT STORAGE LOCATED FOR THREAD SELECTED.

Reason:

You selected a thread, however the thread does not own any PT storage or the PT storage owned by the thread has been released.

Action:

None.

SA089I

NO DYNAMIC CACHE STORAGE EXISTS IN EDM POOL.

Reason:

No dynamic cache storage is currently contained in the EDM pool.

Dynamic SQL cache, which is contained in the EDM pool, is only applicable to DB2 V5 or higher.

Dynamic SQL cache is enabled using DSNZPARM. It provides the ability to avoid dynamic SQL PREPARE costs for dynamic SQL statements that are repetitive in nature. The EDM pool is used to contain the necessary dynamic SQL call runtime structures that are reused, allowing the bypass of subsequent dynamic prepare processing.

For additional information concerning dynamic SQL caching see the DB2 product library.

Action:

None.

SA090I

NO DATABASES CURRENTLY ALLOCATED IN THE BUFFER POOL.

Reason:

No database pages are currently contained in the buffer pool selected. This may be due to lack of application activity, which accesses the objects contained within the pool.

Action:

Check the pool at a later point in time to determine if any activity may have been executed which accessed objects contained in the pool.

SA091I**NO PAGESETS CURRENTLY LOCATED FOR THE DATABASE.****Reason:**

At the time the Enter key was processed, no pageset pages for the database were contained in the pool. This implies all pages for the database have been purged during normal buffer manager processing used to manage buffer pool contents.

Action:

None.

SA092I**NO DATASETS CURRENTLY LOCATED FOR THE PAGESET.****Reason:**

At the time the Enter key was processed, no data set pages for the database/pageset were contained in the buffer pool being viewed. This implies all pages for the pageset have been purged during normal buffer manager processing used to manage buffer pool contents.

Action:

None.

SA093I**NO VOLUME I/O QUEUING HAS BEEN SEEN FOR THIS VOLUME.****Reason:**

No volume I/O queuing activity has been seen for the volume selected.

Collection logic samples all volumes that have had DB2 pageset I/O looking for I/O request activity which is queued due to device busy. When I/O queuing activity is seen, information is collected about the I/O queuing activity.

Action:

None.

SA094E

USE SYSPLEX INTERVAL OPTION IS INVALID

Reason:

The start collection Use Sysplex Interval Time option is invalid. The Sysplex Interval is an Xmanager-managed time interval that can be used to provide a consistent collection interval across all collections in a Sysplex complex.

Action:

To use the displayed Sysplex Interval for the collection interval, set the Use Sysplex Interval Time option to **Y** (yes). Specify **N** (no) to use the Interval Time value for the collection interval.

SA098I

CT Detail information is not available for the DB2 10 EDM pool.

Reason:

The percentage of EDM pool storage that is used for cursor tables (CT) is not available in DB2 10 and up. The amount of storage that is allocated above and below the bar continues to appear.

Action:

None.

SA099I

PT Detail information is not available for the DB2 10 EDM pool.

Reason:

The percentage of EDM pool storage that is used for package tables (PT) is not available in DB2 10 and up. The amount of storage that is allocated above and below the bar continues to appear.

Action:

None.

SA100I**NO DATABASE ACTIVITY COLLECTED THIS INTERVAL.****Reason:**

No database activity has been collected for the interval being viewed. This implies that no pageset getpage or I/O activity has been seen for the DB2 subsystem in the interval being viewed. For data sharing group displays, no getpage or I/O activity has been seen for any member of the data sharing group.

Action:

None.

SA101I**NO VOLUME ACTIVITY COLLECTED THIS INTERVAL.****Reason:**

No volume activity has been collected for the interval being viewed. This implies that no pageset I/O activity has been seen for the DB2 subsystem (or any DB2 member for data sharing group displays) for the interval viewed. The volume display lists all volumes that have incurred DB2 I/O activity within the interval being viewed.

Action:

None.

SA102I**NO PAGESETS CURRENTLY ALLOCATED.****Reason:**

No DB2 pagesets are currently allocated to the DB2 subsystem or to any member of a data sharing group for data sharing group displays. The allocation display lists all DB2 allocations that exist at the time the Enter key was pressed.

Action:

None.

SA103I

NO PAGESET EXTEND ACTIVITY THIS INTERVAL.

Reason:

No pageset data set extend activity has been collected for the interval being viewed. This implies that no data sets have acquired additional data set extents on the DB2 subsystem being viewed. The extend display lists all data sets which have acquired additional extents during the collection interval.

Action:

None.

SA104I

NO BUFFER ACTIVITY COLLECTED THIS INTERVAL.

Reason:

CA Subsystem Analyzer did not collect buffer manager activity during the specified interval. This implies that no buffer pools have incurred getpage activity on the DB2 subsystem (or any member of a data sharing group for data sharing group displays) during that interval.

Action:

None.

SA105I

CA DETECTOR NOT INSTALLED; DISPLAY UNAVAILABLE.

Reason:

The display request is unavailable because CA Detector is not installed.

Action:

Product integration between CA Detector and CA Subsystem Analyzer provides unprecedented and unmatched functionality to assist in evaluating and understanding DB2 application, object, and subsystem performance. For additional information or a free trial of the program, contact your nearest CA Sales representative.

SA106I**NO SPACENAME ACTIVITY COLLECTED THIS INTERVAL****Reason:**

No spacename (pageset) activity has been collected for the interval being viewed. This implies that no getpage activity has been incurred for any pagesets within the DB2 subsystem (or any member of the data sharing group for data sharing group displays) during the collection interval being viewed.

Action:

None.

SA107I**NO TABLE ACTIVITY COLLECTED THIS INTERVAL****Reason:**

No table activity has been collected for the interval being viewed. This implies that no getpage activity that could be tied to a selected table has been seen for the interval being viewed.

Action:

None.

SA110I**GLOBAL BUFFER POOLS NOT APPLICABLE IN THIS DB2 VERSION.****Reason:**

The global buffer pool display requested is not applicable to the DB2 subsystem being viewed.

Action:

Global buffer displays are only applicable to subsystems that are members of a data sharing group.

SA111I

NO GLOBAL BUFFER POOLS ARE IN USE ON THIS DB2 SUBSYSTEM.

Reason:

No group buffer pools are in use by the DB2 subsystem being viewed, or for any member of a data sharing group for data sharing group displays.

Group buffer pools are only used if the DB2 subsystem is a member of a DB2 data sharing group.

Action:

Check to see if the DB2 subsystem is a member of a DB2 data sharing group.

SA112I

NO GLOBAL BUFFER POOL HISTORY INFORMATION EXISTS.

Reason:

No global pool history information was located for the history interval being viewed. Global buffer pools are only used if the DB2 subsystem is a member of a DB2 data sharing group.

Action:

Check your version of DB2.

SA118E

ERROR RETRIEVING GROUP BUFFER POOL STATS: RC=*rc* RS=*rs*.

Reason:

The request to retrieve group buffer pool information failed. RC and RS are the IXLMG return and reason codes associated with the failing request.

SA119I**NO GROUP BUFFER POOL INFORMATION AVAILABLE.****Reason:**

No group buffer pools are in use by the DB2 subsystem being viewed, or for any member of a data sharing group for data sharing group displays.

Group buffer pools are only used if the DB2 subsystem is a member of a DB2 data sharing group.

Action:

Check your version of DB2.

SA120I**INTERVAL VIEWED DOES NOT EXIST ON SS ANALYZER DATASTORE.****Reason:**

The request to view CA Subsystem Analyzer SQL activity has failed. The historical interval being viewed does not exist in the CA Subsystem Analyzer data store.

This can occur when CA Subsystem Analyzer collection was not active when CA Detector created the historical interval. The CA Subsystem Analyzer Database Interval Summary displayed so that you can view the intervals contained in the CA Subsystem Analyzer data store.

Action:

See the program documentation for information about product integration capabilities.

SA121I**SS ANALYZER DATASTORE=*data store_name* HLVL=*highlevel* DOES NOT EXIST.****Reason:**

The request to view CA Subsystem Analyzer SQL activity has failed. The data store name and data store highlevel in use by CA Detector does not exist for CA Subsystem Analyzer.

This level of product integration is only provided if both products use the same data store highlevel and data store name when collecting historical data.

Action:

See the product documentation for information about integration capabilities.

SA122E

DATASTORE LOCATE FAILED; CNTLFILE ACCESS ERROR.

Reason:

The request to view CA Subsystem Analyzer activity has failed. While attempting to locate the data store information, some type of error occurred.

Action:

Determine if any WTO activity has been issued in addition to this message. Verify you have MVS authorization to access the CA Subsystem Analyzer control file data set.

SA123I

SS ANALYZER NAVIGATION NOT ALLOWED; ALREADY IN SS ANALYZER.

Reason:

The option requested is not allowed. The option selected would have caused navigation to a display within CA Subsystem Analyzer, however your current display state indicates you are already in CA Subsystem Analyzer.

Action:

Use F3 (End) to navigate back to your originating display.

SA125E

COMMAND INVALID FOR REMOTE DB2

Reason:

A function that is only valid for a local DB2 subsystem was requested for a non-local DB2 subsystem.

Action:

Enter CA Subsystem Analyzer from a location where the DB2 subsystem is local, and resubmit the request.

SA126E**Cross System Error: Xmanager Inactive****Reason:**

An Xmanager sysplex communication request failed because the Xmanager started procedure is not active.

Action:

Retry the request after starting the Xmanager started procedure.

SA126E**Cross System Error: Abend****Reason:**

Note: The different variations of the SA126E error message are shown following this version of the message.

An Xmanager sysplex communication request failed because of an internal error.

SA126E**Cross System Error: Member Inactive****Reason:**

An Xmanager sysplex communication request failed because an Xmanager started procedure was not active on the LPAR where the DB2 subsystem is executing.

Action:

Retry the request after starting an Xmanager started procedure on the same LPAR as the non-local DB2 subsystem.

SA126E**Cross System Error: Sysplex Support Inactive****Reason:**

An Xmanager sysplex communication request failed because the Xmanager cross system support was not active.

Action:

Retry the request after re-starting the Xmanager started procedure with the XSYS=Y parameter.

SA126E

Cross System Error: Timeout

Reason:

An Xmanager sysplex communication request did not receive a response in the TIMEOUT interval. The request may succeed on retry. It may be possible the requested function succeeded even if this error occurs. For example, the confirmation response a cross-system start collection request may be delayed due to an archived data store dataset resulting in the timeout error even though the collection start on the remote system completes successfully once the archive request has been satisfied.

Action:

Retry the request. If the error occurs repeatedly increase the value of the Xmanager TIMEOUT parameter.

SA126E

Cross System Error: Send Error

Reason:

An Xmanager sysplex communication request failed.

Action:

Retry the request after re-starting the Xmanager started procedure with the XSYS=Y parameter.

SA127E

REQUEST TO INVOKE INDEX EXPERT FAILED

Reason:

An attempt to call CA Index Expert to perform index analysis processing for a specified table has failed. This can occur because the product is not installed or the libraries are not allocated to the current product DDNAME, PTILIB.

Action:

Verify that the product has been properly installed and that you are licensed to use it.

SA128I**INTERVAL DATA DELETED.****Reason:**

The request to delete a data store interval was successfully processed. All object and subsystem activity data for the selected interval was purged. The space occupied by the deleted interval will be reused.

Action:

None.

SA129E**DATASTORE IS CURRENTLY IN USE, INTERVAL DATA NOT DELETED.****Reason:**

A request to delete a single data store interval from the Database Interval Summary display was rejected because the data store is currently in use for an active collection.

Action:

Stop the collection and reissue the request.

SA130E**LINE COMMAND ENTERED IS NOT VALID FOR THIS DISPLAY****Reason:**

The line command entered is not valid on this panel.

Action:

Refer to the panel display for a list of valid line commands and their meanings.

SA131I**NO DB2 SUBSYSTEMS FOUND****Reason:**

No defined DB2 subsystems were located on the z/OS system on which you are executing.

Action:

None.

SA132E

ERROR ENCOUNTERED RETRIEVING COLLECTOR INFORMATION

Reason:

Indicates an internal error was incurred while obtaining CA Subsystem Analyzer collection status information.

Action:

For assistance, contact CA Support at <http://ca.com/support>.

SA133I

Exceeding MAXINTV nnn, set to installation limit

Reason:

This message indicates that the intervals selected exceed the MAXINTV defined by the installation.

Action:

If more information is needed, see the product documentation.

SA300E

NO MEMBER OF THE DATA SHARING GROUP IS ACTIVE

Reason:

Indicates that the DB2 group name is either invalid or no member of the group is currently active.

Action:

Select a data sharing group with at least one active member.

SA301I**SUBSYSTEM ANALYZER COLLECTION NOT ACTIVE FOR ANY GROUP MEMBER****Reason:**

Indicates that the request to view CA Subsystem Analyzer collection panels cannot be completed because a CA Subsystem Analyzer collection is not active for any member of a data sharing group.

A CA Subsystem Analyzer collection must be active and must use the sysplex time interval to appear in the DS Group current interval displays.

Action:

Use option 4 on the CA Subsystem Analyzer Main Menu to start collection.

For more information about collection services, see the *CA Subsystem Analyzer User Guide*.

SA302I**NO DATA COLLECTED FOR CURRENT INTERVAL****Reason:**

Indicates that the request to view CA Subsystem Analyzer current interval display panels has failed. The panel is unavailable because no data has been collected during the current collection interval for any group member.

Action:

Wait for information to be collected and reissue the view request.

SA305I

NO DATASTORES CURRENTLY EXIST FOR ANY GROUP MEMBER

Reason:

No datastores could be located for any data sharing group member.

Action:

This message may indicate any of the following:

- No datastores have been created for the DB2 group specified.
- All previously created datastores for this data sharing group have been deleted.
- An invalid name was specified in the DS Group field. You can clear out the value in the field to display all datastores that have been defined for all data sharing groups. If any exist, the output display will generate a display line for each datastore name located for a data sharing group. You can then select a data sharing group datastore to view.

SA306E

DATA SHARING GROUP NAME BLANK OR INVALID. SELECT GROUP FROM LIST.

Reason:

Indicates that the DB2 group name is either invalid or is erroneously blank. A list of known data sharing group members will be listed.

Action:

Select a data sharing group with at least one active member.

SD Messages

Messages with the SD prefix are generated from the Software Delivery Manager (SDM) during installation.

SD010**No products installed****Reason:**

There are no products with an installed status associated with the current profile.

Action:

Ensure that you have selected the correct profile. Note that the Received status is not considered installed.

SD011**No PTFs for installed products****Reason:**

There are no PTFs registered with versions higher than the installed products.

Action:

Ensure that you have selected the correct profile. Check that all required media registration jobs have been submitted and run successfully.

SD024**Selected media is no longer registered.****Reason:**

You attempted to select registered media that was deleted.

Action:

Exit the Media Registration screen and reenter to see an updated list of registered media.

SD025**Product is already installed.****Reason:**

The product you selected for installation is currently installed.

Action:

None.

SD026

Product is currently being installed.

Reason:

Notification that the selected product is undergoing installation.

Action:

None.

SD035

Error(s) obtaining data set information.

Reason:

Errors were encountered attempting to obtain data set information. This error is accompanied by a list of the specific errors encountered for each data set involved.

Action:

Use the list of errors to determine how to correct this problem.

SD060

Target high-level cannot equal SDM application high-level.

Reason:

The high-level qualifier for target data sets cannot be the same as any high-level qualifier used for SDM data sets because installation of products using SDM would overlay SDM itself.

Action:

Choose a different high-level qualifier.

SD061

SMP/E DSPREFIX cannot equal SDM application high-level.

Reason:

You entered a high-level qualifier with a prefix that is the same as that of your SDM application high-level qualifiers.

Action:

Ensure that the high-level qualifier used for the SMP/E data set name prefix is different from your SDM application high-level qualifiers.

SD080

SMP/E GIM43401W messages are resolved by JCLIN following APPLY. ACCEPT is required for these base products before maintenance can be applied.

Reason:

The method being used for APPLY processing results in a number of GIM43401W messages being produced.

Action:

These messages can be ignored because they will be resolved by the JCLIN statement which follows the APPLY processing.

SDM Messages

Messages with the SDM prefix are generated from the Software Delivery Manager (SDM) during installation.

SDM033

Duplicate high-level qualifier

Reason:

The high-level qualifier is identical to another high-level qualifier in the same context. This can cause data sets to be overwritten or replaced unexpectedly.

Action:

Review the high-level qualifiers in question and change one of them.

SDM034

Current profile is now profile.

Reason:

This message indicates that your current profile setting has changed. You can select a different profile from the Profile Selection List screen.

Action:

None.

SDM035

Completed. No errors found.

Reason:

Processing completed successfully.

Action:

No response is necessary.

SDM097

Report printed to ISPF list data set.

Reason:

The requested report has been printed to the ISPF list data set.

Action:

You can enter the ISPF LIST primary command at any time within ISPF to manage the report output. If you exit ISPF before managing your list data set, ISPF uses the defaults you have set in the Log and List Defaults to print or delete the report output.

SDM101

Repository I/O error. Reason code: *frcc*

Reason:

An unexpected error was received while accessing the repository data set (SDMDATA). The reason code provides additional information as follows:

f

1 = Open, 2 = Close, 3 = Get, 4 = Put, 5 = Delete.

r

The return code from VSAM, usually an 8.

cc

The reason code from the VSAM feedback area.

Action:

You can find descriptions of the reason code values in your IBM documentation or contact CA Support Online. Some of the common return codes are listed below:

- 4874-Logic error x'74'(116) from PUT. The VSAM repository is completely empty and was not properly initialized with an initial record. Delete or rename the empty repository and follow the procedures to properly define and initialize a new repository for SDM.
- 4808-Duplicate key x'08'(8) from PUT/ADD.
- 481C-Out of space x'1C'(28). The repository cannot be extended. Ensure that all users exit SDM, that all SDM batch jobs have completed, and resize the repository with sufficient free space to add additional records. Also, consider deleting unnecessary manifest records using the Delete Media function and Registered Media Report batch program.
- x840-Insufficient virtual storage x'40'(28) on any function. Increase your region size specification.
- xCyy-Physical error from any function. When yy is 04, 08, or 0C the error occurred on a Read; other values indicate the error occurred on a Write. Any physical error indicates a hardware problem or corrupted repository.

SQ Messages

Messages with the SQ prefix are generated from CA SQL-Ease.

SQ000E

INVALID SQL-EASE OPTION REQUESTED. PRESS HELP FOR MORE INFORMATION.

Reason:

You have entered an invalid option.

Action:

Select one of the options listed on the CA SQL-Ease Menu. Select the desired option by entering the option number at the option prompt.

SQ001E

THE SPECIFIED OBJECT DOES NOT EXIST. PRESS HELP FOR MORE INFORMATION.

Reason:

The specified DB2 table, view, or alias does not exist. If the specified object is an alias, this message may indicate that the alias has been defined on a non-existent table or view.

SQ002E

REQUESTED FUNCTION REQUIRES SELECT AUTHORITY. PF1 FOR HELP.

Reason:

SQL statement generation has failed because you lack SELECT authority on the specified table or view.

Action:

CA SQL-Ease statement generation requires that your primary authorization ID or one of your secondary authorization IDs hold DB2 SELECT authorization on the object.

SQ003E

AN UNEXPECTED SQL ERROR HAS OCCURRED. PRESS HELP FOR MORE INFORMATION.

Reason:

An SQL error has prevented CA SQL-Ease from retrieving the selected object's column definitions from DB2.

Action:

CA SQL-Ease will be unable to generate the requested SQL statements without this column information. A panel describing the SQL error should already have appeared. If the error was due to a deadlock condition within DB2, simply reselect the SQL statements.

SQ004E

NOT ENOUGH MEMORY AVAILABLE TO PROCESS YOUR REQUEST. PF1 FOR HELP.

Reason:

CA SQL-Ease was unable to obtain enough virtual storage to process your request.

Action:

Possible solutions to this condition are as follows:

- Exit any split screen sessions that may be in effect.
- Increase the region size of your TSO LOGON procedure. We recommend a region size between 2048 to 3072 KB.

SQ005E

INVALID LINE CMD, ENTER J, U, S, OP, OR AN RCQ OPTION. PF1 FOR HELP.

Reason:

You have entered an invalid line command on the CA SQL-Ease statement GENERator screen.

Action:

Enter one of the following valid line commands:

- J#-JOIN line command, where # is a 1 or 2 digit statement number indicator. To generate a SELECT statement that joins 2 or more tables, enter the JOIN line command at the CMD prompt of each object you wish to join. Use the same statement number indicator for all of the objects that are to be joined in a single SELECT statement.
- S#-SUBSELECT line command, used to generate sub-SELECTs. (See manual for further help on this line command.)
- U#-UNION line command, used for uniting 2 or more tables, is coded in the same manner as JOINS. (See JOIN line command above.)
- OP-OPTIONs line command. The OPTIONs line command lets you access the object options screen. This screen allows you to control the generation/inclusion of host-variables within the selected SQL statements.

If CA RC/Query is installed, you can also enter any valid report option. Enter Q at the CMD prompt to jump to CA RC/Query.

SQ006E

YOU MUST SELECT AT LEAST ONE COLUMN FOR YOUR JOIN. PRESS PF1 FOR HELP.

Reason:

You have not selected any columns from the object(s) that are being joined.

Action:

You must select at least one column from one of the objects included in the join. erase the JOIN line command(s), or enter S (Select) or C (Column) at one of the SEL Statement Type prompts.

SQ007E

INVALID DCLGEN/DELETE SELECTION CHARACTER, ENTER "S". PF1 FOR HELP.

Reason:

You have entered an invalid selection character at the DCL or DEL statement type prompts.

Action:

S is the only valid selection character for the DCLGEN and DELETE options. The DCLGEN option will generate a DECLARE TABLE statement and a host language data structure for the requested object. The DELETE option will generate an SQL DELETE statement.

SQ008E

SELECT AN SQL STMT TYPE BY ENTERING AN "S" OR A "C". PF1 FOR HELP.

Reason:

You have entered an invalid selection character at one of the SQL Statement Type prompts.

Action:

Valid selection characters are S and C. Enter S to generate an SQL statement which references all the columns in the selected object. Enter C to view a column selection list. The column selection list lets you choose which columns are to be included in the selected statements.

Note: The C selection character is not valid at the DEL (SQL DELETE statement) or DCL (DCLGEN option) prompts.

SQ009E

LINK TO RC/QUERY HAS FAILED. PRESS HELP FOR MORE INFORMATION.

Reason:

A LINK macro within the current CA product has failed. This could be due to improper allocation of the CA product library.

Action:

Check to be sure that the CA product library is allocated to the DDNAME PTILIB.

SQ010E

NO OBJECTS MATCH SELECTION CRITERIA. PRESS HELP FOR MORE INFORMATION.

Reason:

The following DB2 object does not exist on subsystem subsystem:

- OBJECT NAME: *object_name*.
- OBJECT CREATOR: *object_creator*.

Action:

The object named must identify a DB2 table, view, or alias.

SQ011E

INVALID SELECTION, ENTER "S" TO SELECT A COLUMN. PF1 FOR HELP.

Reason:

You have entered an invalid selection character at one of the Statement Type prompts.

Action:

Select columns for your SQL statements by entering S at the appropriate column or statement type prompt.

SQ012I

ENTER OBJECT SELECTION CRITERIA. PRESS HELP FOR MORE INFORMATION.

Reason:

Enter search criteria for use in generating a DB2 object selection list. This selection list will let you select the SQL statements you want generated.

Action:

Enter your selection criteria at the Item Name, Creator And Where prompts or just press Enter to generate a list of all the tables, views, and aliases defined on your DB2 subsystem.

SQ013E

NUMBER OF OBJECTS JOINED EXCEEDS DB2 LIMIT OF 15. PF1 FOR HELP.

Reason:

You have attempted to join more than 15 tables in a single SQL statement. Fifteen is the maximum number of tables allowed by DB2 in a single SQL statement.

Action:

Erase some of your JOIN line commands to correct the error, or change some of the JOIN statement number indicators to break the join up across multiple SQL statements.

SQ014E

Multiple cursor names cannot be specified for a SELECT. PF1 for HELP

Reason:

You have specified multiple cursor names on the objects that are being JOINed or UNIONed in a single SQL statement. Only one cursor may be referenced in an SQL statement.

Action:

To correct the problem, erase all but one of the cursor names.

SQ015W

HOST VARIABLE PREFIX HAS BEEN TRUNCATED.

Reason:

A host variable name—generated by attaching a specified prefix to a column name or number—has resulted in a name whose length exceeds 30 characters (which is the maximum allowable variable name).

Action:

No action is required. To generate a valid name, CA SQL-Ease has truncated the rightmost portion of the specified prefix so that the resulting name is 30 characters.

SQ016E

VALID CMDS ARE: J, U, S, OP, Q, OR RC/Q OPTION. PF1 FOR HELP.

Reason:

You have entered an invalid line command on the statement GENerator screen.

Action:

Enter one of the following valid line commands:

- J#-JOIN line command, where # is a 1- or 2-digit statement number indicator. To generate a SELECT statement that joins 2 or more tables, enter the JOIN line command at the CMD prompt of each object you wish to join. Use the same statement number indicator for all of the objects that are to be joined in a single SELECT statement.
- U#-UNION line command, used for uniting 2 or more tables, is coded in the same manner as JOINS. See the JOIN line command above.
- OP-OPTIONs line command. The OPTIONs line command lets you access the object options screen. This screen lets you control the generation/inclusion of host variables within the selected SQL statements.
- Q-Enter Q at the CMD prompt to jump to RC/Query and view a list of valid report options.

If CA RC/Query is installed, you can also enter any valid report option.

SQ017E

AN SQL STMT MUST BE MARKED OFF WITHIN YOUR PROGRAM BY EE LINE CMDS.

Reason:

The requested CA SQL-Ease function requires an SQL statement to process.

Action:

Indicate which SQL statement, within your program, is to be processed by blocking the statement off within you ISPF edit session with EE line commands. The selected SQL statement must be one of the following types: SELECT, UPDATE, INSERT, or DELETE.

SQ018I

SQL SYNTAX CHECK COMPLETED, NO ERRORS DETECTED.

Reason:

Syntax checking has successfully completed. No SQL syntax errors were detected by CA SQL-Ease.

Action:

None.

SQ019E

UNEXPECTED ERROR HAS OCCURRED DURING EXECUTION OF A "PROCESS" CMD.

Reason:

A severe error occurred when CA SQL-Ease issued an ISREDIT PROCESS request. The ISREDIT PROCESS command is issued by CA SQL-Ease to process user-entered ISPF edit line commands (such as the EE line commands). A return code of 20 was issued by the ISREDIT service.

SQ020E

THE STATEMENT YOU HAVE MARKED OFF EXCEEDS MAX. LENGTH OF 32,767 BYTES.

Reason:

The SQL statement which you have selected exceeds the maximum statement size allowed by CA SQL-Ease. The statement that is blocked off within your program by EE line commands must not exceed 32,767 bytes.

Action:

Basically, your SQL statement must not span more than approximately 520 lines of your ISPF edit session. Try using the ISPF edit Text Flow (TF) line command to reduce the number of lines that the statement spans.

SQ021E**AN INCOMPLETE QUOTED OR APOSTROPHIZED STRING HAS BEEN ENCOUNTERED.****Reason:**

An incomplete character string constant or delimited SQL identifier was detected while parsing your SQL statement. A closing quote or apostrophe is missing.

Action:

Carefully read through your SQL statement making sure all delimited SQL identifiers and character string constants are terminated with a quote or an apostrophe. If necessary, use the FIND command to locate the opening quote or apostrophe.

SQ022E**AN INCOMPLETE HOST VARIABLE HAS BEEN ENCOUNTERED.****Reason:**

An incomplete host variable was detected while parsing your SQL statement. Host variable names are preceded by a colon (:). CA SQL-Ease has detected a colon that is not followed by a host variable name.

Action:

Delete the colon, or add a host-variable name immediately after the colon. If necessary, use the find command to locate all the colons in your SQL statement.

SQ023E**AN INCOMPLETE HEX CONSTANT HAS BEEN ENCOUNTERED.****Reason:**

An incomplete hexadecimal string constant was detected while parsing your SQL statement. A closing quote or apostrophe is missing. A valid hex string constant consists of an X followed by an even number of hexadecimal digits delimited by string delimiters. An example of a valid hex string constant is : XFOF1F2.

Action:

Carefully read through your SQL statement making sure all string constants are terminated with a quote or an apostrophe. If necessary, use the FIND command to locate the opening quote or apostrophe.

SQ024E

INCOMPLETE OR CONFLICTING ISPF EDIT LINE CMDS ENTERED.

Reason:

The ISPF edit line commands that you have entered are in error. CA SQL-Ease recognizes the following line commands:

- E-Identifies a single line SQL statement to be processed by CA SQL-Ease.
- En-Identifies the first of n lines containing an SQL statement that is to be processed by CA SQL-Ease.
- EE-Identifies a block of lines which contain the SQL statement that is to be processed. The EE commands must be entered in pairs to denote the first and last lines in the block. No other line commands may be entered between the paired block of EE line commands.
- A-Identifies the location at which CA SQL-Ease is to insert a NOTE or generated SQL statement. The requested information will be inserted after the specified line.
- B-Identifies the location at which the CA SQL-Ease is to insert a NOTE or generated SQL statement. The requested information will be inserted before the specified line.

Action:

Verify that you have not entered any other ISPF edit line commands.

SQ025E

SQL STMT MUST BE OF TYPE SELECT, UPDATE, INSERT, OR DELETE.

Reason:

The SQL statement you have requested CA SQL-Ease to process is not one of the SQL statement types supported by CA SQL-Ease.

Action:

The selected SQL statement must be one of the following types:

- SELECT
- SELECT INTO
- UPDATE
- INSERT
- DELETE

SQ026I

SQL STMTS HAVE BEEN ADDED TO THE BOTTOM OF YOUR ISPF EDIT SESSION.

Reason:

The SQL generated by the GEN function or sent using the SEND command has been added to the bottom of your ISPF edit session. The inserted SQL statements may be viewed by scrolling down to the bottom of data within your ISPF edit session.

Action:

None.

SQ027E

INVALID OPTION SPECIFIED, ENTER "S", "E", "X", OR "P". PF1 FOR HELP.

Reason:

You have entered an invalid option.

Action:

Valid options are as follows:

- E-Edit the SQL statement using the CA SQL editor or ISPF edit. Use the SEND command to insert modified statements back into your edit session.
- P-View/update the current settings of your CA SQL-Ease profile variables.
- S-Submit your SQL statement to the Batch Processor for execution.
- X-Explain your SQL statement using the Enhanced Explain facility.

SQ028E

POSITIONED TYPE UPDATE/DELETE STMTS CANNOT BE EXECUTED. PF1 FOR HELP.

Reason:

The SQL statement you are attempting to execute contains a WHERE CURRENT OF clause. This type of positioned UPDATE or DELETE statement cannot be executed dynamically by CA SQL-Ease.

Action:

Edit the SQL statement to remove or replace the WHERE CURRENT OF clause. Bear in mind that executing an UPDATE or DELETE statement without a WHERE clause will update/delete every row in the referenced table.

SQ029E

EXPLAIN FUNCTION IS ALREADY ACTIVE. PF3 TO RETURN TO EXPLAIN.

Reason:

You are trying to jump to the EXPLAIN function when you already have an EXPLAIN session active.

Action:

Press PF3 or enter the END command to terminate your EXPLAIN session and return to the EXPLAIN function.

SQ030E

YOU MUST SPECIFY A VALUE FOR EACH HOST VARIABLE. PRESS HELP FOR MORE.

Reason:

Your SQL statement cannot be executed until you supply a value for each of the host variables contained in our statement. The values you supply will be substituted for the host variables before the statement is executed.

Action:

Enter a value at each of the host variable prompts. Enclose character string literals in single quotes. Use your PF7/8 (UP/DOWN) keys to scroll the list of host variable prompts. Your SQL statement may be scrolled up/down using the PF10/11 (LEFT/RIGHT) keys.

SQ031I

SQL STATEMENT(S) HAVE BEEN WRITTEN TO YOUR BATCH DATASET.

Reason:

Your SQL statements along with the appropriate Batch Processor card have been written out to your Batch data set. Any host variables contained in your statements will be replaced with the values you entered at the corresponding host variable prompts. Your batch data set may then later be submitted to the Batch Processor for execution.

Action:

None.

SQ032I

THERE IS NO SQL STATEMENT TO EXECUTE/EXPLAIN. PRESS HELP FOR MORE.

Reason:

There currently is no SQL statement for CA SQL-Ease to process.

Action:

If you want CA SQL-Ease to process an SQL statement from the source code you are currently editing, you must block that statement off with EE line commands before entering CA SQL-Ease. Because there is no statement to process, CA SQL-Ease has placed you into an SQL edit session (the ISPF editor if the CA SQL editor) so that you may type in an SQL statement. Pressing PF3 or entering the END command from this edit screen will take you to the function you have requested (the EXPLAIN control screen, or the EXECute control screen). Use the SEND command to insert back into your source code any SQL you create or modify.

SQ033I

THERE IS NO SQL STATEMENT TO PROCESS. PRESS HELP FOR MORE.

Reason:

There currently is no SQL statement to process.

Action:

If you want CA SQL-Ease to process an SQL statement from the source code you are currently editing, you must block that statement off with EE line commands before entering CA SQL-Ease.

SQ034I

THE VALUE OF YOUR CURRENT SQLID IS: sqlid.

Reason:

This message displays your current SQLID.

Action:

None.

SQ035I

THE SPECIFIED SQLID MUST BE FROM 1 TO 8 CHARACTERS LONG.

Reason:

This message appears when the entered SQLID is not from 1 to 8 characters long.

Action:

None.

SQ036I

THE DB2 SUBSYSTEM ID IS CURRENTLY SET TO: subsystem.

Reason:

This message displays the current DB2 subsystem ID.

Action:

None.

SQ037I

THE DB2 SUBSYSTEM ID MUST BE FROM 1 TO 4 CHARACTERS LONG.

Reason:

This message appears when the entered DB2 subsystem ID is not from 1 to 4 characters long.

Action:

None.

SQ038I

THE DB2 SUBSYSTEM ID HAS BEEN SET TO: subsystem.

Reason:

This message displays the current DB2 subsystem ID.

Action:

None.

SQ039I

THERE IS NO SQL STATEMENT TO SEND. PRESS HELP FOR MORE.

Reason:

There currently is no SQL statement for CA SQL-Ease to send back to your ISPF edit session.

Action:

None.

SQ040I

SQL STATEMENT(S) HAVE BEEN INSERTED INTO YOUR ISPF EDIT SESSION.

Reason:

The SQL generated by the GEN function or sent using the SEND command has been inserted into your ISPF edit session. SQL sent by the GEN function will be inserted at the location specified by your BEFORE (B) or AFTER (A) ISPF edit line commands. SQL statements inserted using the SEND command will be added immediately after the SQL statement which was initially blocked off and brought into CA SQL-Ease.

Action:

None.

SQ041I

THERE IS NO SQL STATEMENT TO STANDARDIZE.

Reason:

There is no SQL statement for CA SQL-Ease to standardize. If you want CA SQL-Ease to process an SQL statement from the source code you are currently editing, you must block that statement off with EE line commands before entering CA SQL-Ease.

Action:

None.

SQ042E

EXECUTE FUNCTION IS ALREADY ACTIVE. PRESS PF3 TO RETURN TO EXECUTE.

Reason:

You are trying to jump to the EXECUTE function when you already have an EXECUTE session active.

Action:

Press PF3 or enter the END command to terminate your EXPLAIN session and return to the EXECUTE function.

SQ043E

ERROR OCCURRED IN FILE TAILORING RETRIEVING SKELETON.

Reason:

An error was encountered using ISPF File Tailoring to retrieve the skeleton for your NOTEs request. File Tailoring is used to retrieve the NOTEs skeleton from the ISPSLIB DD (or its LIBDEF'd equivalent).

Action:

Review this DD definition by looking at the DSNAMExx parmlib member (where xx is the currently active suffix). The definition for ISPSLIB should contain the data set containing the NOTEs skeletons.

SQ044E

UNABLE TO ALLOCATE CA SKELETON LIBRARY.

Reason:

CA SQL-Ease was unable to dynamically allocate the CA ISPF skeleton library. NOTES are shipped as members of this library. CA SQL-Ease retrieves the name of the skeleton library from an ISPF profile pool variable. (The name of the variable is SQESKDSN.)

Action:

Verify that the CLIST that is properly initializing this variable.

SQ045E**UNABLE TO OPEN CA SKELETON LIBRARY.****Reason:**

CA SQL-Ease was unable to OPEN the CA ISPF skeleton library. NOTES are shipped as members of this library. The OPEN may have failed because the requested NOTE member could not be found. The name of the skeleton library is retrieved from an ISPF profile pool variable. (The name of the variable is SQESKDSN.)

Action:

This variable should be initialized by the CLIST that starts up CA SQL-Ease. Verify that the variable is being set to the name of the CA ISPF skeleton library.

SQ046E**INVALID SQL STATEMENT TYPE SPECIFIED. PRESS HELP FOR MORE INFORMATION.****Reason:**

The SQL Statement type specified on your SQLEASE GEN command was invalid.

Action:

Valid SQL statement types for the SQL GENerator are listed below:

- SElect-SELECT INTO statement.
- Update-Searched UPDATE statement.
- DElete-Searched DELETE statement.
- Insert-INSERT statement.
- CSelect-SELECT with cursor DECLARE/OPEN/FETCH/CLOSE.
- CDelete-Positioned DELETE statement.
- Cupdate-Positioned UPDATE statement.
- DCLgen-Declaration Generator.

The general format of the SQLEASE GEN command is:

SQLEASE GEN object-creator.object-name statement-type cursor-name

SQ047E

VALID LINE CMDS ARE: R - RESET, S - SHRINK, U - UPDATE.

Reason:

You have entered an invalid CATALOG UPDATE line command.

Action:

Valid line commands for tablespaces (object TYPE of TS) and columns are as follows:

- R-Reset user-entered catalog statistics back to their current DB2 catalog values.
- S-Shrink the display of tablespace/column information to remove object detail.
- U-Explode the display of information to include object detail and the current settings of DB2 catalog statistics. The exploded display will include prompts, enabling you to update the catalog statistic values.

SQ048E

VALID LINE CMDS ARE: C - COLUMNS, R - RESET, S - SHRINK, U - UPDATE.

Reason:

You have entered an invalid CATALOG UPDATE line command.

Action:

Valid line commands for tables and indexes (object TYPEs TB and IX) are as follows:

- C-View a list of the table's or index-key's columns. The column list lets you view/update column statistics.
- R-Reset user-entered catalog statistics back to their current DB2 catalog values. This command will also reset any updated column statistics.
- S-Shrink the display of tablespace/column information to remove object detail.
- U-Explode the display of information to include object detail and the current DB2 catalog values. The exploded display will include prompts, enabling you to update the catalog statistic values.

SQ049E

SPECIFIED VALUE MUST BE A NUMBER LESS THAN 2,147,483,648.

Reason:

You have entered an invalid value at one of the Catalog Update statistics prompts.

Action:

The statistic you are trying to update requires an integer value in the range of -1 to +2,147,483,647. Your cursor has been positioned on the value that is in error. Correct the value and press Enter.

SQ050E

SPECIFIED VALUE MUST BE A NUMBER LESS THAN 32,768.

Reason:

You have entered an invalid value at one of the Catalog Update statistics prompts.

Action:

The statistic you are trying to update requires an integer value in the range of -1 to +32,767. Your cursor has been positioned on the value that is in error. Correct the value and press Enter.

SQ051E

UNABLE TO BUILD COLUMN SCREEN LIST. PRESS HELP FOR MORE.

Reason:

CA SQL-Ease was unable to retrieve column information from the DB2 catalog due to an SQL error.

Action:

An informational screen describing the SQL error should already have been displayed. The error may have been due to a deadlock condition within DB2.

SQ052E

INVALID HEX CHARACTER. VALID CHARS ARE: 0 - 9, A - F. PF1 FOR MORE.

Reason:

You have entered an invalid hex character at the HIGH2KEY or LOW2KEY column statistics prompts. Each of these prompts has two input areas:

- The top line is for character data.
- The bottom 2 lines are for hexadecimal data and should be used to enter the hexadecimal representation of characters that have no representation in your keyboard.

Action:

Valid hexadecimal characters are: A through F and 0 through 9. Your cursor has been positioned on the invalid character. Enter a valid hex character and press enter or use the R (reset) line command to restore the column's statistics to their current DB2 catalog values.

SQ053I

STATISTICS HAVE NOT BEEN UPDATED. PRESS HELP FOR MORE.

Reason:

You have not updated any of the displayed DB2 catalog statistics. As a result, there are no UPDATE statements to display. The function of the SQL command is to let you view the SQL UPDATE statements that will be used to update the DB2 catalog statistics. UPDATE statements will only be generated for those statistics that are actually updated.

Action:

None.

SQ055E

“SELECT ROW LIMIT” MUST BE NUMERIC. PF1 FOR HELP.

Reason:

You have entered an invalid value at the Select Row Limit prompt on the EXECUTE control screen. This value is optional.

Action:

If specified it must be an integer in the range of 1 to 99999999. The value entered will be used to limit the number of rows FETCHed through the execution of a SELECT statement. This can be particularly useful when SELECTing data from extremely large tables. If this value is omitted, all rows matching your selection criteria will be fetched from the results table.

SQ056E

“MAX CHARACTER SIZE” MUST BE NUMERIC. PF1 FOR HELP.

Reason:

You have entered an invalid value at the Max Character Size prompt on the EXECUTE control screen. This value is optional.

Action:

If specified it must be an integer in the range of 1 to 99999. This value will be used to limit the displayed width of the columns FETCHed during the execution of a SELECT statement. This can be useful when SELECTing data from tables containing LONG VARCHAR type columns. If this value is omitted, the full width of all selected columns will be displayed.

SQ057E

SPECIFY “C” FOR COMMIT, OR “R” FOR ROLLBACK. PF1 FOR HELP.

Reason:

You have entered an invalid value at the Commit or Rollback prompt on the EXECUTE control screen. This value must be specified.

Action:

Enter **C** to commit any database changes made by the execution of your SQL statements. Enter **R** to rollback your changes. Rollback can be useful if you want to test an SQL statement without actually changing the database.

SQ058E

SPECIFY "Y" TO HAVE SQL EXECUTION STATISTICS GENERATED. PF1 FOR HELP.

Reason:

You entered an invalid value at the SQL Statistics prompt on the EXECUTE control screen.

Action:

You must specify a value of Y or N.

- Y-CA SQL-Ease generates SQL execution statistics. The generated statistics will be included in the Batch Processor AUDIT message file. The statistics include information on CPU time, elapsed time, number of rows fetched/modified, and timerons (the DB2 relative cost figure).
- N-Do not generate execution statistics.

SQ059E

ENTER "Y" OR "U" TO VIEW/UPDATE CATALOG STATISTICS. PF1 FOR HELP.

Reason:

You entered an invalid value at the Update Catalog Statistics prompt.

Action:

You must specify a value of Y, U, or N to view or update the catalog statistics for the objects that your SQL is dependent on. Enter N if you do not wish to update the DB2 catalog statistics. Updating catalog statistics can help you to simulate your production environment on a test system. Modifying the statistics to match your production volume of data before running your EXPLAIN lets you see what kind of access paths DB2 would choose in a production environment.

SQ060E

ENTER "C" - COMMIT CATALOG UPDATES, OR "R" - ROLLBACK CATALOG UPDATES.

Reason:

You entered an invalid value at the Commit Catalog Updates prompt.

Action:

You must specify one of the following values:

- C-Commit. The existing catalog statistics will be updated with the values you specified, and a commit will be issued.
- R-Rollback. The existing catalog statistics will be updated with the values you specified. The changes will be committed and the requested EXPLAIN reports generated. A second set of UPDATE statements will then be issued to restore the current catalog statistics values.

SQ061E

ENTER "C" - COMMIT EXPLAIN OUTPUT, OR "R" - ROLLBACK EXPLAIN OUTPUT.

Reason:

You entered an invalid value at the PLAN_TABLE option prompts.

Action:

Specify one of the following valid values:

C

Commits all DB2 access path selection information to all of the EXPLAIN tables that the DB2 EXPLAIN statement populates.

R

Rolls back all changes to the EXPLAIN tables, after the EXPLAIN is executed.

SQ062E

ENTER "Y" TO VIEW/UPDATE CURRENT REPORT OPTION SETTINGS. PF1 FOR HELP.

Reason:

An invalid value has been specified at the Update Report Options prompt.

Action:

You must specify one of the following values:

- Y-View/update the EXPLAIN report option settings. The report options let you control which reports will be generated by the Enhanced EXPLAIN facility.
- N-Do not display the EXPLAIN report options screen.

SQ063E

ENTER "Y" TO SELECT THE EXPLAIN SUMMARY REPORT. PF1 FOR MORE.

Reason:

The Summary report provides a quick summary of all the SQL statements processed. Information generated includes the statement type, elapsed time and most severe SQL return code issued during Explain processing.

Action:

Enter Y to generate the Summary report.

Enter N to not generate the Summary report.

SQ064E

ENTER "L" OR "S" TO SELECT THE LONG OR SHORT EXPLAIN ACCESS REPORT.

Reason:

The Access report provides DB2 access path selection information in clear concise English paragraphs. The Access path information is obtained from DB2 by EXPLAINing each SQL statement. The EXPLAIN output is then used to generate a textual English description of the access paths chosen by DB2.

Action:

Enter one of the following:

- L-Generate the long form Access report.
- S-Generate the short form Access report.
- N-Do not generate the Access report.

SQ065E

ENTER "Y" TO SELECT THE EXPLAIN COST REPORT. PF1 FOR MORE.

Reason:

The Cost report provides the DB2 TIMERONS value for each SQL statement. The TIMERONS value is DB2's relative estimate of the resources required to execute an SQL statement. This value is returned by DB2 when an SQL statement is prepared.

Action:

Enter Y to generate the Cost report.

Enter N to not generate the Cost report.

SQ066E

ENTER "L" OR "S" TO SELECT THE LONG OR SHORT EXPLAIN PREDICATE REPORT.

Reason:

The predicate report provides a list of all of the predicates contained in your SQL statement along with information concerning the indexability and sargability of each.

Action:

The following are valid values:

- L-Generate the long form predicate report.
- S-Generate the short form predicate report.
- N-Do not generate a predicate report.

SQ067E

ENTER "L" OR "S" TO SELECT THE LONG OR SHORT EXPLAIN

DEPENDENCY REPORT.

Reason:

The Dependency report provides you with a list of all the physical DB2 objects that your SQL statements are dependent on. The list includes all referenced tables/views and their columns, as well as any indexes defined on those tables. Any columns referenced within your SQL statement are flagged as such. All aliases, synonyms and views are traced down to their base tables.

Action:

Enter one of the following:

- L-Generate the long form Dependency report.
- S-Generate the short form Dependency report.
- N-Do not generate the Dependency report.

SQ068E

ENTER "L" OR "S" TO SELECT THE LONG OR SHORT EXPLAIN SQL RULES REPORT.

Reason:

The SQL rules option lets you have CA's Expert System rules applied to your SQL. The resulting report will flag potential problems with the way your SQL has been coded, for example, a poorly coded predicate that prevents DB2 from taking advantage of an index.

Action:

Enter one of the following:

- L-Apply the Expert System SQL rules to your SQL statements in a long report format.
- S-Apply the Expert System SQL rules to your SQL statements in a short report format.
- N-Do not apply Expert System SQL rules to your SQL statements.

SQ069E

ENTER "Y" TO SELECT THE EXPLAIN OBJECT DEPENDENCY TREE REPORT.

Reason:

The Tree report provides you with a tree diagram of all physical DB2 objects that your SQL statement is dependent on. The list includes all referenced tables/views. It also identifies any referential integrity relationships where these objects are involved, as well as any indexes that are defined on the objects. The resulting diagram emphasizes the physical relationships between objects.

Action:

Enter Y to generate the Tree report.

Enter N to not generate the Tree report.

SQ070E

ENTER "L" OR "S" TO SELECT THE LONG OR SHORT EXPLAIN PHYSRULES REPORT.

Reason:

The Physical rules option lets you have CA's SQL Expert System rules applied to the physical DB2 objects referenced in your SQL statements. Potential problems with the physical definitions of the referenced DB2 objects will be flagged.

Action:

Enter one of the following:

- L-Applies Expert System Physical rules to your SQL statements in a long report format.
- S-Applies Expert System Physical rules to your SQL statements in a short report format.
- N-Do not apply Expert System Physical rules to your SQL statements.

SQ071E

ENTER "Y" TO SELECT THE OBJECT STATISTICS REPORT. PF1 FOR HELP.

Reason:

The Statistic report provides you with DB2 catalog statistics for all the tables that your SQL is dependent on. Catalog statistics are also shown for the tablespaces where the dependent tables are defined as well as for any indexes defined on those tables. This information can be helpful in determining if, for example, a REORG utility should be run.

Action:

Enter Y to generate the Statistics report.

Enter N to not generate the Statistics report.

SQ072E

INVALID OPTION SELECTED. ENTER ONE OF THE OPTIONS LISTED BELOW.

Reason:

You have selected an invalid NOTE option.

Action:

Select one of the NOTES listed on the menu by entering the NOTE's name or its option identifier. For example, suppose the following option displays on the NOTE menu:

S1 SELECT

You could select this note by entering S1 or SELECT.

SQ073I

THE SELECTED NOTE HAS BEEN ADDED TO THE END OF YOUR DATASET.

Reason:

The requested NOTE has been added to the bottom of your ISPF edit session. The inserted NOTE may be viewed by scrolling down to the bottom of data within your ISPF edit session.

Action:

None.

SQ074E

MODE MUST BE "B" - BROWSE, OR "N" - NOTE. PF1 FOR HELP.

Reason:

The value entered at the MODE prompt is invalid.

Action:

The specified MODE must be one of the following values:

- B-Browse. You will be placed into ISPF browse on the selected NOTE. Keep in mind that ending your browse session will return you to the NOTES menu. Browse mode is useful when you want to look at several NOTE members, or if you are not sure which NOTE has the information you are looking for.
- N-Note. The selected NOTE will be inserted into your ISPF edit session. selecting a NOTE in note mode is also treated as an implicit end. After the selected NOTE is inserted into your ISPF session, you will be returned to the screen from which the NOTES facility was requested (your ISPF edit session of the SQL-Ease main menu).

SQ075I

SELECT THE EXPLAIN REPORTS YOU WISH TO GENERATE WITH A "Y."

Reason:

You have invoked the Enhanced EXPLAIN function but have not specified which of the EXPLAIN reports are to be generated.

Action:

Select the reports you wish to generate by entering Y at the corresponding REPORT option prompts.

SQ076E

INVALID SYMBOLIC PARAMETER SPECIFIED. PF1 FOR HELP.

Reason:

You have entered an invalid symbolic parameter. Symbolic parameters act as variables, whose values are resolved at SQL generation time.

Action:

The valid symbolics are as follows:

- %TBNAME-This symbolic resolves to the name of the object(s) referenced by the generated SQL statements.
- %TBCREATOR-This symbolic resolves to the authorization ID that designates the owner of the table, view, or alias.

SQ077I

WELCOME TO SQL-EASE VERSION 02.10. PRESS PF1/13 FOR HELP INFORMATION.

Reason:

As a new user of this updated version of CA SQL-Ease, we recommend that you review the written documentation or the online tutorial before proceeding.

Action:

Press Enter to display the tutorial and to see what is new in this version of CA SQL-Ease.

SQ078E**UNABLE TO LOCATE THE START OF THE SQL STATEMENT. "EXEC SQL" NOT FOUND.****Reason:**

CA SQL-Ease was unable to find the beginning of your SQL statement. There are two ways you can indicate the SQL statement that is to be operated on:

- Enter a single E line command on any line of the SQL statement, SQL-Ease will then attempt to locate the start and end of the statement.
- Mark off the first and last lines of your SQL statement with a pair of EE line commands.

Action:

You used the first method. When this method is used, CA SQL-Ease searches for the EXEC SQL keywords to find the start of your SQL statement. CA SQL-Ease was unable to locate the EXEC SQL. If you have not coded the EXEC SQL keywords, use the second method to mark off the first and last lines of the statement. If you have coded the EXEC SQL, verify that it begins in the appropriate column. If HOST LANGUAGE is set to COBOL within your profile, the EXEC SQL must begin in or after column 12. If your HOST LANGUAGE is set to ASM, the EXEC SQL must begin in or after column 2.

SQ079E**UNABLE TO LOCATE THE END OF YOUR SQL STATEMENT.****Reason:**

CA SQL-Ease was unable to find the end of your SQL statement. There are two ways you can indicate the SQL statement that is to be operated on:

- Enter a single E line command on any line of the SQL statement, CA SQL-Ease will then attempt to locate the start and end of the statement.
- Mark off the first and last lines of your SQL statement with a pair of EE line commands.

Action:

You used the first method. When this method is used, CA SQL-Ease will search for the appropriate statement delimiter to find the end of your statement. The statement delimiter for COBOL is END EXEC. CA SQL-Ease was unable to find the statement ending END EXEC. Your END EXEC must be coded in or after column 8 to be recognized by CA SQL-Ease. If you have not coded an END-EXEC, use the second method to mark off the first and last lines of your SQL statement.

SQ081W

WARNING: BEGIN TO CONTINUE COLUMNS (COLUMNS 1 THRU 15) MUST BE BLANK.

Reason:

CA SQL-Ease has encountered data in columns 1 thru 15 of a continuation line. SQL statements which span more than one line within an assembler program must follow the standard rules for continuation. That is:

- A nonblank character must appear in column 72 of the line that is to be continued.
- The statement may then be continued on the next line, starting in or after the continue column (column 16).

Action:

Check your SQL statement, verifying that all continued lines begin in or after column 16. Make sure that the last line of your statement does not extend into column 71.

SQ082E

ENTER "Y" TO HAVE EXPLAIN REPORTS GENERATED IN UPPERCASE. PF1 FOR HELP.

Reason:

The Uppercase field lets you control the format of the generated Enhanced Explain reports. Valid values are as follows:

- Y-All reports will be generated in uppercase.
- N-Report text will be generated in mixed case.

Action:

The Uppercase field should be used in you plan on sending the generated reports to a printer that is not set up to print lowercase characters.

SQ083E

SPUFI DOES NOT SUPPORT "DECLARE TABLE" STATEMENTS. PF1 FOR HELP.

Reason:

Your request for the DCLGEN function cannot be processed. Your Profile value for Host Language is currently set to SPUFI. SPUFI does not support the DECLARE TABLE SQL statement.

Action:

If you want to use the DCLGEN function, you must change the Host Language setting. To do so, access your Profile and select the Global Parameters option.

SQ084E

SPUFI DOESN'T SUPPORT SQL STMTS WHICH REFERENCE A CURSOR. PF1 FOR HELP.

Reason:

Your request to generate an SQL statement which references a cursor cannot be processed. Your Profile value for Host Language is currently set to SPUFI. SPUFI does not support SQL statements which reference a cursor.

Action:

If you want to generate a positioned type UPDATE or DELETE statement or a cursor type SELECT statement, change your Host Language setting. To do so, access your Profile and select the Global Parameters option.

SQ085E

SPUFI DOES NOT SUPPORT HOST VARIABLES. PF1 FOR HELP.

Reason:

Your request to include host variables in generated statements cannot be processed. Your Profile value for Host Language is currently set to SPUFI. SPUFI does not support host variables.

Action:

If you want to generate an SQL statement which includes host variables, you must change the Host Language setting. To do so, access your Profile and select the Global Parameters option.

SQ086E

ATTACHED VERSION OF DB2 DOES NOT SUPPORT CATALOG UPDATE. PF1 FOR HELP.

Reason:

Your request to update DB2's catalog statistics on subsystem *subsystem* cannot be processed. The updating of catalog statistics was not available prior to DB2 V2.1. Subsystem *subsystem* is version level *db2_version*.

Action:

None.

SQ087E

ENTER "S" - SHORT REPORT FORMAT, OR "L" - LONG FORMAT. PF1 FOR HELP.

Reason:

The Short/Long field lets you control the level of detail that will be included in the generated Enhanced Explain reports. Valid values are as follows:

- L-The long version of the selected reports will be generated.
- S-The short version of the selected reports will be generated.

Action:

Currently, only the Access report is available in both a long and short format. All other reports will always be generated in a long format, regardless of the value specified for the Short/Long field.

If the long version (L) of the Access report is selected, DB2 access path information will be presented in a paragraph format. If the short version (S) of the Access report is selected, DB2 access path information will be presented in a tabular format which resembles the internal layout of the DB2 PLAN_TABLE.

SQ088I

SELECT THE SQL STATEMENTS YOU WISH TO GENERATE AND EXECUTE OR EXPLAIN.

Reason:

Indicates that you have not yet selected the SQL statements that you want generated. You must select the SQL statements that are to be generated before jumping to the EXECute or Enhanced Explain functions.

Action:

Select the SQL statements that you want generated by entering S (Select) or C (Column) at the appropriate Statement Type field. Then, reenter the EXEC or EE command at the command line.

SQ089I

BELOW ARE THE GENERATED SQL STATEMENTS THAT CAN BE EXECUTED/EXPLAINED.

Reason:

Indicates that your SQL statements have been generated. You have been placed into a CA SQL Editor session so that you may complete the statements. Only the executable/explainable statements have been inserted into this edit session.

Any OPEN CURSOR, FETCH CURSOR, or CLOSE CURSOR statements that may have been generated will be inserted into your ISPF edit session when you return to the GEN object selection screen.

Action:

When you have finished editing the generated statements, press PF3 (END). The requested function control screen will then appear (the EXEC control screen or the Enhanced Explain control screen).

SQ090I

YOUR HOST LANGUAGE IS CURRENTLY SET TO: *sql_host_lang*.

Reason:

Indicates that your Profile value for Host Language is currently set to *sql_host_lang*. The host language value controls the way that generated SQL is formatted. It also affects the way that SQL statements embedded in your ISPF edit session are processed.

Action:

To access your Profile, select the Profile option and then select the Global Parameters option.

SQ091I

YOUR HOST LANGUAGE HAS BEEN SET TO: *sql_host_lang*.

Reason:

Indicates that your Profile value for Host Language has been set to *sql_host_lang*. The host language value controls the way that generated SQL is formatted. It also affects the way that SQL statements embedded in your ISPF edit session are processed.

Action:

None.

SQ092E

HOST LANGUAGE MUST BE: SPF, COB, ASM, PLI, OR C.

Reason:

You have specified an invalid host language value.

Action:

Valid values are as follows:

- C-C language. (We also support C host language.)
- COB-COBOL.
- ASM-Assembler.
- PLI-PL/I.
- SPF-Spufi.
- S80-Spufi 80. (Any input where SQL exists in columns 1 through 80).

SQ093E

AN INCOMPLETE OR INVALID GRAPHIC OR DBCS STRING HAS BEEN DETECTED.

Reason:

Indicates that an incomplete or invalid graphic string constant was detected while parsing your SQL statement.

Action:

In a PL/I program, the format of a graphic string is <'****'G>. < represents the shift out character X'0E'; > represents the shift in character X'0F'; * represents a valid Double Byte character; ' represents the DBCS string delimiter X'427D'; and G represents the DBCS character X'42C7'.

In all other contexts, a graphic string must be specified in one of the following two formats: G'<****>' or N'<****>'. < represents the shift out character X'0E'; > represents the shift in character X'0F'; * represents a valid Double Byte character; and ' represents the EBCDIC string delimiter X'7D'.

This error could also be an indication that your SQL statement contains an incomplete DBCS string (that is, a string that begins with a SHIFT OUT, X'0E', but is not terminated with a SHIFT IN, X'0F').

SQ094E

AN UNEXPECTED INTERNAL ERROR CONDITION HAS OCCURRED. PRESS HELP.

Reason:

An internal processing condition was encountered that was unexpected or undesirable, or both. This error should be reported to Technical Support. There may be diagnostic information that should be saved (by screen prints or by writing it down exactly as it appears) and given to Technical Support.

Action:

Contact Technical Support.

SQ095E

C (CREATE) ONLY ALLOWED ON THE CREATE LINE.

Reason:

You can only enter C (for Create) in the create line of the SQL Generator Administration screen.

Action:

The create line is the first line in the list and is identified by the literal New Entry Creation to the right of the highlighted input fields.

SQ096E

U (UPDATE) NOT ALLOWED ON THE CREATE LINE.

Reason:

You entered U (for Update) on the New Entry Creation line from the SQL Generator Administration screen. This line is reserved for the C (Create) command.

Action:

The U (Update) command can be entered on any of the object entries.

SQ097E

D (DELETE) NOT ALLOWED ON THE CREATE LINE.

Reason:

You entered D (for Delete) on the New Entry Creation line from the SQL Generator Administration screen. This line is reserved for the C (Create) command.

Action:

The D (Delete) command can be entered on any of the object entries.

SQ098E

INVALID LINE COMMAND WAS ENTERED. VALID COMMANDS ARE C, U, AND D.

Reason:

You entered an invalid line command on the SQL Generator Administration screen.

Action:

Enter any of the following commands:

- U-Update. Enter U to update an existing object entry.
- D-Delete. Enter D to delete an existing object entry. Once you select D and press enter, that selected entry is immediately deleted from the Administration database.

SQ099E

INVALID LINE COMMAND ENTERED. VALID COMMAND IS C.

Reason:

You entered an invalid line command on the SQL Generator Administration screen.

Action:

Enter the following command:

C-Create. Enter C to create a new object entry. This command is valid only in the first line (New ENTRY Creation line).

SQ100E**YOU MUST SPECIFY AN OBJECT CREATOR.****Reason:**

You entered an Object Creator when creating a new Object Entry.

Action:

You must enter an Object Creator when creating a new entry.

SQ101E**YOU MUST SPECIFY AN OBJECT NAME.****Reason:**

You have not entered an Object Name when creating a new Object Entry.

Action:

You must enter an Object Name when creating a new entry.

SQ102E**YOU MUST SPECIFY AN OBJECT TYPE.****Reason:**

You have not entered an Object Type when creating a new Object Entry.

Action:

You must enter an Object Type when creating a new entry. Enter ? to get a list of valid Object Types.

SQ103I**VALID OBJECT TYPES - (T)ABLE, (V)IEW, (A)LIAS, (S)YNONYM.****Reason:**

You have not entered a valid Object Type when creating a new Object Entry.

Action:

Valid entry types are as follows:

- T-Table
- V-View
- A-Alias

SQ104E

DUPLICATE CREATOR/NAME ALREADY EXISTS.

Reason:

You tried to create an object entry (Object-Creator/Name) that already exists.

Action:

Object entries must be unique. Enter a unique value.

SQ105E

THE SUBSYSTEM ID (SSID) ENTERED IS NOT DEFINED IN THE PTIPARM DATASET.

Reason:

You entered a DB2 subsystem ID (SSID) that has not been defined in the PTIPARM data set. The PTIPARM data set defines many parameters for all CA products. The SETUP member in PTIPARM identifies all the DB2 subsystem IDs in your shop and the DB2 load libraries for each subsystem. However, the SSID you entered is not in this member.

Action:

First check the spelling of the SSID you entered. If it is spelled correctly, check with your system programmer to make sure this SSID was included in the SETUP member of PTIPARM.

SQ106E

CORRELATION NAME ALREADY EXISTS.

Reason:

You tried to create a Correlation Name and the name already exists. Correlation entries must be unique.

Action:

Enter a unique correlation entry.

SQ107E**"EXEC SQL" FOUND WITHIN SPUFI SOURCE.****Reason:**

The EXEC SQL keyword was encountered in a SPUFI source. SPUFI statements should not include the EXEC SQL keywords. The most likely cause of this error is an incorrect HOST LANGUAGE setting.

Action:

You may reattempt statement inclusion processing by changing your HOST LANGUAGE.

SQ108E**ENTER "L" OR "S" TO SELECT THE LONG OR SHORT EXPLAIN PREDRULES REPORT.****Reason:**

The SQL rules option lets you have CA's Predicate Expert System rules applied to your SQL. The resulting report will flag potential problems with the way your SQL predicates have been coded, for example, a poorly coded predicate that prevents DB2 from taking advantage of an index.

Action:

The following are valid values:

- L-Applies the Expert System Predicate rules to your SQL statements in a long report format.
- S-Applies the Expert System Predicate rules to your SQL statements in a short report format.
- N-Do not apply Expert System Predicate rules to your SQL statements.

SQ109E**CARDINALITY VALUE NOT SPECIFIED.****Reason:**

You have not entered a cardinality (or multiplier) for performing statistics propagation.

Action:

To use the P or X line commands, a new cardinality must be specified for the table you want to work on.

SQ110E

VALID LINE CMDS ARE: C, E, P, R, S, U, X.

Reason:

You entered an invalid CATALOG UPDATE line command.

Action:

Valid line commands for tables (object TYPE TB) are as follows:

- C-View a list of the table's columns. The column list lets you view/update column statistics.
- P-Propagate the user entered cardinality to all dependent objects.
- R-Reset user-entered statistics back to their current DB2 catalog values. This command will also reset any updated column statistics.
- S-Shrink the display of object information to remove object detail.
- U-Explode the display of object information to include object detail and current DB2 catalog values. The exploded display will include prompts, enabling you to update the catalog statistic values.
- X-Propagate the user-entered multiplier to all dependent objects. This command treats the table cardinality as a multiplier for all dependent objects.

SQ111E

SAMPLE SQL ERROR ROUTINE LIBRARY IS NOT DEFINED.

Reason:

You have requested sample SQL error routines to be inserted into generated SQL, but the library which contains these routines is not defined. This library is defined in the SQLEASE profile.

SQ112E

UNABLE TO ALLOCATE library.

Reason:

The library you specified to retrieve sample SQL error routines could not be allocated. This library is specified in the SQLEASE profile.

Action:

Ensure it is defined as a valid PDS.

SQ113E

UNABLE TO OPEN library.

Reason:

The library you specified to retrieve sample SQL error routines could not be opened. Check to make sure the member corresponding to your host language exists.

Action:

The following lists the valid member names:

- Assembler-SQE@ASM
- COBOL-SQE@COB
- PL/I-SQE@PLI
- C-SQE@C

SQ114E

NUMBER OF OBJECTS UNIONED EXCEEDS SQL-EASE LIMIT OF 15. PF1 FOR HELP.

Reason:

You have exceeded the limit of 15 table references for UNION processing.

Action:

To correct the problem, breakdown the task into multiple tasks and result tables, and combine the result tables.

SQ115E

NO COLUMN SELECTION WAS MADE FOR THE UNION. PRESS PF1 FOR HELP.

Reason:

You have not selected any columns from the objects that are being united.

Action:

You must select at least one column from one of the objects included in the UNION. erase the UNION line commands or enter S or C at one of the SEL Statement Type prompts.

SQ116I

WARNING, LONG STRINGS ARE RESTRICTED TO UNION ALL PROCESSING ONLY.

Reason:

The column data type is a long variable character or graphic string. Such strings are restricted for use in UNIONS except when the ALL option is included.

Action:

None.

SQ117I

WARNING, UNION INCOMPATIBILITY, COLUMN COUNT DIFFERENCE DETECTED.

Reason:

UNION compatibility has been violated. All objects participating in the UNION must have the same number of columns. The current object violates that rule.

Action:

None.

SQ118E

ENTER "Y" TO SELECT THE R.I. DEPENDENCY REPORT.

Reason:

The R.I. report provides you with a 'tree' diagram of the referential integrity relationships defined on tables referenced in the SQL statement.

Action:

The following are valid values:

- Y-Generate the R.I. report.
- N-Do not generate the R.I. report.

SQ119I

WARNING, UNION INCOMPATIBILITY, COLUMN TYPE NOT COMPATIBLE.

Reason:

UNION compatibility has been violated. Positionally corresponding columns of objects participating in the UNION must be the same or of compatible data types. Or, the data type of column-1 of object-1 must be compatible with the data type of column-1 of object-2, which must be compatible with the data type of column-1 of object-3, and so on.

Action:

None.

SQ120E

ENTER "Y" TO ENABLE THE VSAM OPTION OR "N" TO DISABLE. PF1 FOR MORE.

Reason:

An invalid value has been specified at the VSAM prompt.

Action:

You must specify one of the following values:

- Y-Enable VSAM reads of non-indexed DB2 Catalog tables for Enhanced Explain processing.
- N-Disable VSAM reads of non-indexed DB2 Catalog tables for Enhanced Explain processing.

SQ121I

NOT NULL COLUMNS HAVE BEEN PRESELECTED.

Reason:

For all columns that must contain values to be inserted, CA SQL-Ease will automatically include that column for generated INSERT or MERGE statements.

Action:

None.

SQ122E

ONLY ONE INSERT/DELETE/UPDATE STMT TYPE PER SUBSELECT. PF1 FOR HELP.

Reason:

The UPDT, DEL, or ISRT statement type has been selected for more than one object for a particular sub-SELECT indicator.

Action:

You can select as many SEL statements for each indicator as you want; however, you can only select a single object per indicator as an UPDT, DEL, or ISRT statement.

SQ123E

ONLY ONE STMT TYPE PER TABLE ALLOWED ON A SUBSELECT. PF1 FOR HELP.

Reason:

More than one statement type has been selected for a single object with a sub-SELECT indicator.

Action:

You can specify only one statement type per object when creating statements with sub-SELECTs.

SQ124E

NO SELECT STMT WAS SPECIFIED FOR SUBSELECT. PRESS PF1 FOR HELP.

Reason:

The SELECT statement was not specified for the requested sub-SELECT.

Action:

The sub-SELECT indicator is valid only when the SELECT statement type has been selected (S or C) for at least one of the objects specified by a particular indicator.

SQ125E

Enter "A" or "1" to SET CURRENT DEGREE (A)ny or (1). PF1 for HELP.

Reason:

You specified an invalid value at the Parallelism Degree prompt.

Action:

You must specify one of the following values:

- A-Allow parallel operations.
- 1-Inhibit parallel operations.

SQ126E

OPTION INVALID BECAUSE RC/QUERY NOT OWNED.

Reason:

Indicates that you entered a command that requires CA RC/Query to be owned.

SQ127E

MASKING IS NOT SUPPORTED FOR TABLE NAMES.

Reason:

The table name entered contains invalid masking characters.

Action:

Reenter the table name without using mask characters.

SQ128E

MASKING IS NOT SUPPORTED FOR CREATOR NAMES.

Reason:

The table creator entered contains invalid masking characters.

Action:

Reenter the creator names without using mask characters.

SQ129E

Host Language specified is NOT valid for SEND/STAND formatting.

Reason:

The host language you specified is invalid for SEND/STAND formatting.

Action:

Specify another host language.

SQ130I

Host Language was changed from S80 to SPF for proper formatting.

Reason:

This message informs you that the host language specified has been changed from S80 to SPF so that it can be formatted properly.

Action:

None.

SQ131E

Text wrapping detected in your SQL statement - this is NOT supported.

Reason:

This message informs you that the character you typed has reached the end of the screen and in the terminal there is no automatic correction for the end of the line and it simply wraps across the next line.

Action:

Insert the next line to continue.

SQ132E

SPUFI80 Host Language option requires an LRECL=(80+) for SQL input.

Reason:

This message informs you that the host language specified requires the LRECL value to be equal to or more than 80 for SQL input.

Action:

Set LRECL to 80 or greater.

SQ133E

Repeat line command error, use R command once, then press <ENTER>.

Reason:

The Repeat line command was entered incorrectly.

Action:

Enter R and press Enter to continue.

SQ134E

Valid values for Isolation are CS, RR, RS, or UR

Reason:

An invalid isolation value was specified.

Action:

Specify a valid value for Isolation command. Valid values are as follows:

- CS
- RR
- RS
- UR

SQ135E

Delete line command error, use DEL command once, then press <ENTER>.

Reason:

An error was generated.

Action:

Enter DEL and press ENTER to continue.

SQ136E

Delete line command error, the current line can NOT be deleted.

Reason:

The line cannot be deleted

SQ137W

To SAVE your current selections, press <ENTER> ,OR, <PF3> to exit.

Action:

You can save your current selection by pressing <ENTER> and <PF3> to exit

SQ138E

Unsupported object selected, object is remote to your subsystem.

Reason:

You have indicated a type of object that is not supported. The object is remote to your subsystem.

SQ140E

A line command and a JOIN/SEQ entry are not valid together.

Reason:

The indicated line command and JOIN/SEQ entry are not valid together.

Action:

Correct the error and resubmit the request.

SQ141E

Please enter a valid value for JOIN sequence field.

Reason:

The entered value is invalid for JOIN sequence field.

Action:

Enter a valid value and resubmit the request.

SQ142E

A sequence value has not been entered for an object being JOINed.

Reason:

You have to specify a valid sequence value to JOINed the object.

SQ143E

Please enter one of the following values: L/R/F/I or leave blank.

You can enter one of the following values:

- L
- R
- F
- I

You can also leave a blank value.

SQ144E

To complete the requested JOIN, enter a final object sequence #.

Reason:

A final object sequence # is required to complete the requested JOIN.

Action:

Correct syntax.

SQ145E

To complete a JOIN statement, please choose one more object.

Action:

Select one or more object to complete the JOIN statement.

SQ146E

Join sequence values are non-sequential, check for missing values.

Reason:

This indicates that some values are missing for JOIN sequence, you have to specify value for JOIN sequence values are non sequential.

SQ147E

You have entered multiple objects to complete the JOIN, use only 1.

Reason:

This is an omitted limit to complete the JOIN, enter one object only.

SQ148E

You have completed a JOIN statement incorrectly.

Reason:

This indicates that JOIN statement is completed incorrectly.

Action:

Correct syntax.

SQ149E

Invalid value.

Valid values are (Y, U, N).

Reason:

You have specified an invalid value. Valid values are as follows:

- Y
- U
- N

SQ150E

LRECL of DATASET MEMBER exceeds SQLEASE limit of 256 bytes.

Action:

Decrease the LRECL value below the 256 bytes.

SQ151I

SQL will be generated in SPUFI for Host Language S80.

Reason:

This message informs you that for host language S80 a SQL will be generated in SPUFI.

SQ152E

No valid statement type was associated with the DECLARE clause.

Reason:

No valid statement type was encountered. For example, a SELECT, UPDATE, INSERT, or DELETE was not located.

Action:

Verify that a valid statement exists after the DECLARE clause.

SQ153E

An unexpected error occurred in Statistics Manager; RC=&sqerrcd.

Reason:

An unexpected error was encountered while processing in Statistics Manager.

SQ154E

SQL Qualification failed, preventing further SYNTAX verification.

Reason:

A SQL Qualification failed, for further prevention verify SYNTAX.

Action:

Correct syntax.

SQ155W

HOST VARIABLE DATA TYPE NOT SUPPORTED

Reason:

SQL data type is not supported for the specified host language.

Action:

Avoid use of the unsupported SQL data type in embedded SQL statements.

SQ156W

GRAPHICS ARE NOT SUPPORTED

Reason:

SQL data type is not supported for the specified host language.

Action:

Avoid use of the unsupported SQL data type in embedded SQL statements.

SQ157W

DECIMALS ARE APPROXIMATED

Reason:

SQL data type is approximated for the specified host language.

Action:

Verify that the correct data type was used in SQL statement host variables.

SQ158E

Missing the *FOR* keyword as part of the DECLARE clause.

Reason:

The SQL statement is missing the FOR keyword.

Action:

Enter the FOR keyword so that it follows appropriate syntax for CURSOR declaration.

SQ159E

Missing the *CURSOR* keyword as part of the DECLARE clause.

Reason:

The SQL statement is missing the CURSOR keyword.

Action:

Enter the CURSOR keyword so that it follows appropriate syntax for CURSOR declaration.

SQ160W**DB2 COLUMN DATA TYPE NOT SUPPORTED****Reason:**

SQL data type is not supported for the specified host language.

Action:

Avoid use of the unsupported SQL data type in embedded SQL statements.

SQ166E**Encountered internal error for #BSQL service request.****Reason:**

An internal SQL error occurred while processing a SQL statement that exceeds 32 KB in length.

Action:

Contact CA Support to diagnose the internal error.

SQ167I**Column is not updatable.****Reason:**

No manual updates are allowed because DB2 automatically generates the column value.

Action:

None.

SQ168I**Column is part of period-specification-clause, not used.****Reason:**

The selected column is already part of a BUSINESS_TIME or SYSTEM_TIME period specification. Selecting the column within a WHERE or SET clause is redundant.

Action:

Do not select this column in the WHERE or SET clause.

SQ169W

XML size reduced for DBCLOB.

Reason:

The size of an XML column as specified in the SQE PARMLIB member is too large for a DBCLOB. The XML size displayed is reduced to the maximum allowable for a DBCLOB (1073741823). The XMLSIZE parameter in the SQE PARMLIB remains unchanged.

Action:

Consider reducing the XMLSIZE parameter in SQE PARMLIB member.

SQ170W

Identical variable definition, consider renaming.

Reason:

A Merge host variable or Merge indicator variable is identical to an already existing host variable or indicator variable within a single SELECT FROM MERGE statement.

Action:

If the variable is intended to preserve the values merged into the target table, rename the Merge variable in question.

SQ171E

Valid values for Process Views are Y or N.

Reason:

You entered an invalid value for this field.

Action:

Enter Y or N.

SQ172W

UPDATE is not allowed for system MQT

Reason:

The UPDATE statement is not allowed for the system-maintained materialized query table. This table can be updated only through the REFRESH TABLE statement.

Action:

Use the REFRESH TABLE statement.

SQ173W**INSERT is not allowed for system MQT****Reason:**

The INSERT statement is not allowed for the system-maintained materialized query table. This table can be updated only through the REFRESH TABLE statement.

Action:

Use the REFRESH TABLE statement.

SQ174W**DELETE is not allowed for system MQT****Reason:**

The DELETE statement is not allowed for the system-maintained materialized query table. This table can be updated only through the REFRESH TABLE statement.

Action:

Use the REFRESH TABLE statement.

SQ175W**MERGE is not allowed for system MQT****Reason:**

The MERGE statement is not allowed for the system-maintained materialized query table. This table can be updated only through the REFRESH TABLE statement.

Action:

Use the REFRESH TABLE statement.

SQ176I**Column is not insertable.****Reason:**

Manual inserts are not allowed. DB2 automatically generates the column value.

Action:

None.

SQ177E

Standardize SQL and Include SQL error checks are mutually exclusive.

Reason:

The Standardize SQL and Include SQL error checks profile parameters are set to YES. These parameters are mutually exclusive.

Action:

Set at least one parameter to NO.

SQ178E

Invalid value. Valid values for IX Probe Stats are (Y, N).

Reason:

You entered an invalid value when determining whether to generate the Index Probe Statistics report. This report lets you assess how index probing influenced the access path that the DB2 optimizer selected during SQL execution. For example, you can determine which runtime statistics the DB2 optimizer applied to the query. This report is generated only for future explains.

Action:

Specify Y or N.

SQ179E

Unsupported Option Specified for your DB2 Version

Reason:

You entered an invalid OPTION for the version of DB2 that you are running.

Action:

Select a different DB2 subsystem.

SQL Messages

Messages with the SQL prefix are generated from CA Plan Analyzer.

SQL001

LEXICAL ANALYSIS HAS DETECTED A QUOTED OR AN APOSTROPHED STRING THAT HAS NOT BEEN CLOSED.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement containing the error.

SQL002

LEXICAL ANALYSIS HAS DETECTED A HOST-VARIABLE SPECIFICATION THAT IS INCOMPLETE.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement containing the error.

SQL003

LEXICAL ANALYSIS HAS DETECTED A HEXADECIMAL CONSTANT THAT IS INCOMPLETE.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement containing the error.

SQL004

LEXICAL ANALYSIS HAS RETURNED AN EMPTY TOKEN LIST.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement containing the error. If the statement appears to be correct and can be bound for static and executed successfully, then gather the appropriate documentation (the SQL text, the DB2 release, and the message number).

SQL005

Invalid first TOKEN detected. Expecting (SELECT, INSERT, UPDATE, DELETE, MERGE, WITH, CREATE VIEW)

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL006

INVALID <END-OF-STATEMENT> IN THE MIDDLE OF AN ORDER CLAUSE. EXPECTING TOKEN BY.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL007

A LEFT PARENTHESIS HAS BEEN FOUND WITHOUT A MATCHING RIGHT PARENTHESIS.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL008

INVALID TOKEN DETECTED WHILE PROCESSING A FULLSELECT CLAUSE. EXPECTING ONE OF SELECT (.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL009

INVALID TOKEN DETECTED WHILE PROCESSING A SELECT STATEMENT. EXPECTING ONE OF

UNION ORDER FOR OPTIMIZE.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL010

THERE IS INSUFFICIENT MEMORY TO COMPLETE THE PARSE TREE FOR THIS SQL STATEMENT.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL011

INVALID <END-OF-STATEMENT> IN THE MIDDLE OF A FULLSELECT CLAUSE. EXPECTING ONE OF (SELECT.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL012

INVALID <END-OF-STATEMENT> IN FULLSELECT CLAUSE AFTER UNION KEYWORD. EXPECTING ONE OF ALL <(FULLSELECT)> <SUBSELECT>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL013

A RIGHT PARENTHESIS HAS BEEN FOUND WITHOUT A MATCHING LEFT PARENTHESIS.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL014

INVALID TOKEN DETECTED WHILE PROCESSING A SUBSELECT CLAUSE. EXPECTING ONE OF (SELECT.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL015

INVALID <END-OF-STATEMENT> IN SUBSELECT CLAUSE AFTER SELECT CLAUSE. EXPECTING FROM.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL016

INVALID TOKEN DETECTED IN SUBSELECT CLAUSE. EXPECTING FROM.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL017

INVALID <END-OF-STATEMENT> IN THE MIDDLE OF A SUBSELECT CLAUSE. EXPECTING ONE OF (SELECT.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL018

INVALID <END-OF-STATEMENT> IN SELECT STATEMENT AFTER TOKEN FOR. EXPECTING ONE OF UPDATE FETCH.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL020

**INVALID TOKEN DETECTED IN SELECT STATEMENT AFTER <UPDATE CLAUSE>.
EXPECTING <END-OF-STATEMENT> OR OPTIMIZE.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL021

**INVALID TOKEN DETECTED IN SELECT STATEMENT AFTER FOR FETCH ONLY. EXPECTED
<END-OF-STATEMENT>.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL022

**INVALID TOKEN DETECTED IN SELECT STATEMENT AFTER <ORDER BY CLAUSE>.
EXPECTED FOR FETCH ONLY OPTIMIZE OR <END-OF-STATEMENT>.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL023

INVALID TOKEN DETECTED IN FOR FETCH ONLY CLAUSE AFTER TOKEN FOR. EXPECTED FETCH.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL024

INVALID TOKEN DETECTED IN FOR FETCH ONLY CLAUSE AFTER TOKEN FETCH. EXPECTED ONLY.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL025

INVALID <END-OF-STATEMENT> IN FOR FETCH ONLY CLAUSE AFTER TOKEN FOR. EXPECTED FETCH.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL026

INVALID <END-OF-STATEMENT> IN FOR FETCH ONLY CLAUSE AFTER TOKEN FETCH. EXPECTED ONLY.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL027

INVALID <END-OF-STATEMENT> IN ORDER BY CLAUSE AFTER TOKEN BY. EXPECTING ONE OF <INTEGER> <IDENTIFIER>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL028

INVALID <END-OF-STATEMENT> IN ORDER BY CLAUSE AFTER A PERIOD. EXPECTING AN <IDENTIFIER>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL029

INVALID TOKEN DETECTED IN ORDER BY CLAUSE AFTER KEYWORD ORDER. EXPECTING BY.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL030

INVALID <END-OF-STATEMENT> IN ORDER BY CLAUSE AFTER A COMMA. EXPECTING ONE OF <INTEGER> <IDENTIFIER>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL031

INVALID <END-OF-STATEMENT> IN THE FOR UPDATE OF CLAUSE AFTER FOR. EXPECTING UPDATE.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL032

**INVALID <END-OF-STATEMENT> IN THE FOR UPDATE OF CLAUSE AFTER UPDATE.
EXPECTING OF.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL033

**INVALID <END-OF-STATEMENT> IN THE FOR UPDATE OF CLAUSE AFTER OF. EXPECTING
COLUMN <IDENTIFIER>.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL034

**INVALID <END-OF-STATEMENT> IN THE FOR UPDATE OF CLAUSE AFTER A PERIOD.
EXPECTING AN <IDENTIFIER>.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL035

INVALID <END-OF-STATEMENT> IN THE FOR UPDATE OF CLAUSE AFTER A COMMA. EXPECTING COLUMN <IDENTIFIER>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL036

INVALID TOKEN DETECTED IN THE FOR UPDATE OF CLAUSE AFTER FOR. EXPECTING UPDATE.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL037

INVALID TOKEN DETECTED IN THE FOR UPDATE OF CLAUSE UPDATE. EXPECTING OF.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL038

INVALID TOKEN DETECTED IN THE GROUP BY CLAUSE AFTER KEYWORD GROUP. EXPECTING BY.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL039

INVALID <END-OF-STATEMENT> IN THE MIDDLE OF A GROUP BY CLAUSE. EXPECTING TOKEN BY.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL040

INVALID <END-OF-STATEMENT> IN GROUP BY CLAUSE AFTER TOKEN BY. EXPECTING A COLUMN NAME <IDENTIFIER>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL041

INVALID <END-OF-STATEMENT> IN GROUP BY CLAUSE AFTER A COMMA. EXPECTING A COLUMN NAME <IDENTIFIER>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL042

INVALID <END-OF-STATEMENT> IN GROUP BY CLAUSE AFTER A PERIOD. EXPECTING AN <IDENTIFIER>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL043

INVALID TOKEN DETECTED AS FIRST TOKEN OF SELECT CLAUSE. EXPECTING SELECT.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL044

INVALID <END-OF-STATEMENT> IN SELECT CLAUSE AFTER SELECT. EXPECTING ONE OF ALL DISTINCT * <TABLE-NAME> <VIEW-NAME> <CORRELATION-NAME> <EXPRESSION>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL045

INVALID <END-OF-STATEMENT> IN SELECT CLAUSE AFTER DISTINCT. EXPECTING ONE OF * <TABLE-NAME> <VIEW-NAME> <CORRELATION-NAME> <EXPRESSION>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL046

INVALID <END-OF-STATEMENT> IN SELECT CLAUSE AFTER ALL. EXPECTING ONE OF * <TABLE-NAME> <VIEW-NAME> <CORRELATION-NAME> <EXPRESSION>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL047

INVALID <END-OF-STATEMENT> IN SELECT CLAUSE AFTER A COMMA. EXPECTING ONE OF <EXPRESSION> <TABLE-NAME> <VIEW-NAME> <CORRELATION-NAME>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL048

INVALID <END-OF-STATEMENT> IN MIDDLE OF AN <EXPRESSION> AFTER A LEFT PARENTHESIS. EXPECTING ONE OF + - <FUNCTION> <(EXPRESSION)> <CONSTANT> <COLUMN-NAME> <HOST-VARIABLE> <SPECIAL-REGISTER> <LABELED-DURATION>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL049

INVALID <END-OF-STATEMENT> IN THE MIDDLE OF AN <EXPRESSION> AFTER A CONNECTING OPERATOR. EXPECTING ONE OF + - <FUNCTION> <(EXPRESSION)> <CONSTANT> <COLUMN-NAME> <HOST-VARIABLE> <SPECIAL-REGISTER> <LABELED-DURATION>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL050

INVALID <END-OF-STATEMENT> IN THE MIDDLE OF AN <EXPRESSION> AFTER A UNARY OPERATOR. EXPECTING ONE OF <FUNCTION> <(EXPRESSION)> <CONSTANT> <COLUMN-NAME> <HOST-VARIABLE> <SPECIAL-REGISTER> <LABELED-DURATION>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL051

INVALID <END-OF-STATEMENT> IN <SPECIAL REGISTER> AFTER CURRENT. EXPECTING ONE OF DATE SQLID TIME TIMESTAMP TIMEZONE.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL052

INVALID TOKEN DETECTED IN <SPECIAL REGISTER> AFTER CURRENT. EXPECTING ONE OF DATE SQLID TIME TIMESTAMP TIMEZONE.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL053

**INVALID <END-OF-STATEMENT> IN SEARCH CONDITION AFTER TOKEN AND/OR.
EXPECTING ONE OF NOT <PREDICATE> <(SEARCH-CONDITION)>.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL054

**INVALID <END-OF-STATEMENT> IN SEARCH CONDITION AFTER TOKEN NOT.
EXPECTING ONE OF <PREDICATE> <(SEARCH-CONDITION)>.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL055

**INVALID <END-OF-STATEMENT> IN SEARCH CONDITION LEFT AN UNMATCHED LEFT
PARENTHESIS.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL056

INVALID <END-OF-STATEMENT> IN SEARCH CONDITION AFTER BEGINNING LEFT PARENTHESIS.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL057

Invalid <end-of-statement> in PREDICATE. Expecting one of = <> > < <> >=<= NOT BETWEEN IS LIKE EXISTS IN

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL058

INVALID <END-OF-STATEMENT> IN PREDICATE AFTER KEYWORD NOT. EXPECTING ONE OF BETWEEN LIKE IN.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL059

Invalid <end-of-statement> in PREDICATE after one of = <> > < <> >=< <=<

Expecting one of SOME ANY ALL <expression>

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL060

Invalid <end-of-statement> in BASIC PREDICATE after <expression>. Expecting one of the following = <> > < <> >=< <=<

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL061

Invalid token detected in BASIC PREDICATE after <expression>. Expecting one of the following = <> > < <> >=< <=<

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL062

Invalid <end-of-statement> in BASIC PREDICATE after one of = <= > >= < <= >=

Expecting one of <expression> <subselect>

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL063

INVALID <END-OF-STATEMENT> IN BASIC PREDICATE AFTER (EXPECTING ONE OF <EXPRESSION> <SUBSELECT>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL064

INVALID <END-OF-STATEMENT> IN BETWEEN PREDICATE AFTER BETWEEN. EXPECTING <EXPRESSION>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL065

**INVALID <END-OF-STATEMENT> IN BETWEEN PREDICATE AFTER 2ND <EXPRESSION>.
EXPECTING AND.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL066

**INVALID TOKEN DETECTED IN BETWEEN PREDICATE AFTER 2ND <EXPRESSION>.
EXPECTING AND.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL067

**INVALID <END-OF-STATEMENT> IN BETWEEN PREDICATE AFTER KEYWORD AND.
EXPECTING <EXPRESSION>.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL068

**INVALID <END-OF-STATEMENT> IN EXISTS PREDICATE AFTER KEYWORD EXISTS.
EXPECTING (.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL069

**INVALID TOKEN DETECTED IN EXISTS PREDICATE AFTER KEYWORD EXISTS. EXPECTING
(.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL070

**INVALID <END-OF-STATEMENT> IN EXISTS PREDICATE AFTER (EXPECTING
<SUBSELECT>.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL071

INVALID <END-OF-STATEMENT> IN IN PREDICATE AFTER KEYWORD IN. EXPECTING ONE OF (<EXPRESSION>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL072

INVALID <END-OF-STATEMENT> IN IN PREDICATE AFTER (EXPECTING ONE OF <SUBSELECT> <EXPRESSION> <HOST-VARIABLE> <CONSTANT> USER.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL073

INVALID <END-OF-STATEMENT> IN IN PREDICATE. EXPECTING ONE OF <EXPRESSION> <HOST-VARIABLE> <CONSTANT> USER.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL074

INVALID <END-OF-STATEMENT> IN IN PREDICATE AFTER ONE OF <HOST-VARIABLE> <CONSTANT> USER EXPECTING).

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL075

INVALID <END-OF-STATEMENT> IN IN PREDICATE AFTER A COMMA. EXPECTING ONE OF <HOST-VARIABLE> <CONSTANT> USER.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL076

INVALID <END-OF-STATEMENT> IN BETWEEN PREDICATE AFTER <EXPRESSION>. EXPECTING NOT BETWEEN.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL077

INVALID TOKEN DETECTED IN BETWEEN PREDICATE AFTER <EXPRESSION>. EXPECTING ONE OF NOT BETWEEN.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL078

INVALID <END-OF-STATEMENT> IN BETWEEN PREDICATE AFTER NOT. EXPECTING BETWEEN.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL079

INVALID TOKEN DETECTED IN BETWEEN PREDICATE AFTER ONE OF <EXPRESSION> NOT. EXPECTING BETWEEN.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL080

INVALID FIRST TOKEN DETECTED IN EXISTS PREDICATE. EXPECTING KEYWORD EXISTS.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL081

INVALID <END-OF-STATEMENT> IN IN PREDICATE AFTER <EXPRESSION>. EXPECTING ONE OF NOT IN.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL082

INVALID TOKEN DETECTED IN IN PREDICATE AFTER <EXPRESSION>. EXPECTING ONE OF NOT IN.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL083

INVALID <END-OF-STATEMENT> IN IN PREDICATE AFTER KEYWORD NOT. EXPECTING KEYWORD IN.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL084

INVALID TOKEN DETECTED IN IN PREDICATE AFTER ONE OF <EXPRESSION> NOT. EXPECTING KEYWORD IN.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL085

INVALID <END-OF-STATEMENT> IN LIKE PREDICATE AFTER <EXPRESSION>. EXPECTING ONE OF NOT LIKE.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL086

INVALID TOKEN DETECTED IN LIKE PREDICATE AFTER <EXPRESSION>. EXPECTING ONE OF NOT LIKE.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL087

INVALID <END-OF-STATEMENT> IN LIKE PREDICATE AFTER KEYWORD NOT. EXPECTING KEYWORD LIKE.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL088

Invalid token detected in LIKE PREDICATE after one of <expression> NOT. Expecting keyword LIKE.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL089

INVALID <END-OF-STATEMENT> IN LIKE PREDICATE AFTER KEYWORD LIKE. EXPECTING ONE OF USER <HOST-VARIABLE> <STRING-CONSTANT>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL090

INVALID TOKEN DETECTED IN LIKE PREDICATE AFTER KEYWORD LIKE. EXPECTING ONE OF USER <HOST-VARIABLE> <STRING-CONSTANT>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL091

INVALID <END-OF-STATEMENT> IN NULL PREDICATE AFTER <EXPRESSION>. EXPECTING KEYWORD IS.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL092

INVALID TOKEN DETECTED IN NULL PREDICATE AFTER <EXPRESSION>. EXPECTING KEYWORD IS.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL093

INVALID <END-OF-STATEMENT> IN NULL PREDICATE AFTER KEYWORD IS. EXPECTING ONE OF NOT NULL.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL094

INVALID TOKEN DETECTED IN NULL PREDICATE AFTER KEYWORD IS. EXPECTING ONE OF NOT NULL.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL095

INVALID <END-OF-STATEMENT> IN NULL PREDICATE AFTER KEYWORD NOT. EXPECTING KEYWORD NULL.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL096

INVALID TOKEN DETECTED IN NULL PREDICATE AFTER ONE OF IS NOT. EXPECTING KEYWORD NULL.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL097

Invalid <end-of-statement> in QUANTIFIED PREDICATE after <expression>. Expecting one of the following = <> > -> < -< >= <=

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL098

Invalid token detected in QUANTIFIED PREDICATE after <expression>. Expecting one of the following = <= <> > > < < < >= <=

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL099

Invalid <end-of-statement> in QUANTIFIED PREDICATE after one of = <= <> > > < < < >= <= **Expecting one of SOME ANY ALL**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL100

Invalid token detected in QUANTIFIED PREDICATE after one of = <= <> > > < < < >= <=

Expecting one of SOME ANY ALL

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL101

INVALID <END-OF-STATEMENT> IN QUANTIFIED PREDICATE AFTER ONE OF SOME ANY ALL. EXPECTING <(SUBSELECT)>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL102

INVALID TOKEN DETECTED IN QUANTIFIED PREDICATE AFTER ONE OF SOME ANY ALL. EXPECTING <(SUBSELECT)>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL103

INVALID <END-OF-STATEMENT> IN QUANTIFIED PREDICATE AFTER (EXPECTING <SUBSELECT>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL104

**INVALID <END-OF-STATEMENT> IN WHERE CLAUSE AFTER KEYWORD WHERE.
EXPECTING <SEARCH-CONDITION>.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL105

**INVALID <END-OF-STATEMENT> IN HAVING CLAUSE AFTER KEYWORD HAVING.
EXPECTING <SEARCH-CONDITION>.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL106

**INVALID <END-OF-STATEMENT> IN FROM CLAUSE AFTER KEYWORD FROM. EXPECTING
ONE OF <TABLE-NAME> <VIEW-NAME>.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL107

INVALID <END-OF-STATEMENT> IN FROM CLAUSE AFTER A COMMA. EXPECTING ONE OF <TABLE-NAME> <VIEW-NAME>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL108

INVALID <END-OF-STATEMENT> IN COLUMN FUNCTION AFTER (. EXPECTING ONE OF ALL DISTINCT <EXPRESSION>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL109

INVALID <END-OF-STATEMENT> IN COLUMN FUNCTION BEFORE CLOSING) ENCOUNTERED.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL110

**INVALID <END-OF-STATEMENT> IN COLUMN FUNCTION AFTER KEYWORD DISTINCT.
EXPECTING <COLUMN-NAME>.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL111

**INVALID <END-OF-STATEMENT> IN COLUMN FUNCTION AFTER KEYWORD ALL.
EXPECTING <EXPRESSION>.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL112

**INVALID <END-OF-STATEMENT> IN COLUMN FUNCTION AFTER (
EXPECTING ONE OF * DISTINCT.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL113

INVALID TOKEN DETECTED IN COLUMN FUNCTION AFTER (. EXPECTING ONE OF * DISTINCT.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL114

INVALID <END-OF-STATEMENT> IN SCALAR FUNCTION BEFORE CLOSING) ENCOUNTERED.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL115

INVALID <END-OF-STATEMENT> IN SCALAR FUNCTION AFTER (. EXPECTING <EXPRESSION>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL116

INVALID <END-OF-STATEMENT> IN SCALAR FUNCTION AFTER a COMMA. EXPECTING ONE OF ISO USA EUR JIS LOCAL.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL117

INVALID TOKEN DETECTED IN SCALAR FUNCTION AFTER A COMMA. EXPECTING ONE OF ISO USA EUR JIS LOCAL.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL118

INVALID <END-OF-STATEMENT> IN SCALAR FUNCTION DECIMAL AFTER A COMMA. EXPECTING <INTEGER>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL119

**INVALID <END-OF-STATEMENT> IN SCALAR FUNCTION SUBSTR AFTER <EXPRESSION>.
EXPECTING A COMMA.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL120

**INVALID TOKEN DETECTED IN SCALAR FUNCTION SUBSTR AFTER <EXPRESSION>.
EXPECTING A COMMA.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL121

**INVALID <END-OF-STATEMENT> IN SCALAR FUNCTION SUBSTR AFTER COMMA.
EXPECTING <EXPRESSION>.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL122

**INVALID <END-OF-STATEMENT> IN SCALAR FUNCTION VALUE AFTER <EXPRESSION>.
EXPECTING A COMMA.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL123

**INVALID TOKEN DETECTED IN SCALAR FUNCTION VALUE AFTER <EXPRESSION>.
EXPECTING A COMMA.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL124

**INVALID <END-OF-STATEMENT> IN SCALAR FUNCTION VALUE AFTER COMMA.
EXPECTING <EXPRESSION>.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL125

INVALID TOKEN DETECTED IN STATEMENT. EXPECTING DELETE.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL126

INVALID <END-OF-STATEMENT> IN DELETE STATEMENT AFTER DELETE KEYWORD. EXPECTING FROM.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL127

INVALID <END-OF-STATEMENT> IN DELETE STATEMENT AFTER FROM KEYWORD. EXPECTING <TABLE-NAME> <VIEW-NAME>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL128

**INVALID TOKEN DETECTED IN DELETE STATEMENT AFTER <CORRELATION-NAME>.
EXPECTING WHERE.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL129

**INVALID TOKEN DETECTED IN DELETE STATEMENT AFTER <WHERE-CLAUSE>.
EXPECTING <END-OF-STATEMENT>.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL130

**INVALID <END-OF-STATEMENT> IN DELETE W/CURSOR STATEMENT AFTER
<TABLE-NAME>. EXPECTING WHERE CURRENT OF <CURSOR-NAME>.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL131

INVALID TOKEN DETECTED IN DELETE W/CURSOR STATEMENT AFTER WHERE CURRENT OF <CURSOR-NAME>. EXPECTING <END-OF-STATEMENT>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL132

INVALID TOKEN DETECTED IN WHERE CURRENT OF CLAUSE. EXPECTING WHERE.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL133

INVALID <END-OF-STATEMENT> IN WHERE CURRENT OF CLAUSE AFTER KEYWORD WHERE. EXPECTING CURRENT.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL134

**INVALID TOKEN DETECTED IN WHERE CURRENT OF CLAUSE AFTER KEYWORD WHERE.
EXPECTING CURRENT.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL135

**INVALID <END-OF-STATEMENT> IN WHERE CURRENT OF CLAUSE AFTER KEYWORD
CURRENT. EXPECTING OF.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL136

**INVALID TOKEN DETECTED IN WHERE CURRENT OF CLAUSE AFTER KEYWORD
CURRENT. EXPECTING OF.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL137

**INVALID <END-OF-STATEMENT> IN WHERE CURRENT OF CLAUSE AFTER KEYWORD OF.
EXPECTING <CURSOR-NAME>.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL138

**INVALID <END-OF-STATEMENT> IN UPDATE STATEMENT AFTER KEYWORD UPDATE.
EXPECTING <TABLE-NAME> <VIEW-NAME>.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL139

**INVALID <END-OF-STATEMENT> IN UPDATE STATEMENT AFTER <TABLE-NAME>
<VIEW-NAME>. EXPECTING ONE OF <CORRELATION-NAME> SET.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL140

INVALID <END-OF-STATEMENT> IN UPDATE STATEMENT AFTER <CORRELATION-NAME>. EXPECTING SET.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL141

INVALID TOKEN DETECTED IN UPDATE STATEMENT AFTER <CORRELATION-NAME>. EXPECTING SET.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL142

INVALID TOKEN DETECTED IN UPDATE STATEMENT AFTER <SET-CLAUSE>. EXPECTING WHERE.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL143

**INVALID TOKEN DETECTED IN UPDATE STATEMENT AFTER <WHERE-CLAUSE>.
EXPECTING <END-OF-STATEMENT>.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL144

**INVALID <END-OF-STATEMENT> IN UPDATE W/CURSOR STATEMENT AFTER KEYWORD
UPDATE. EXPECTING ONE OF <TABLE-NAME> <VIEW-NAME>.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL145

**INVALID <END-OF-STATEMENT> IN UPDATE W/CURSOR STATEMENT AFTER
<TABLE-NAME> <VIEW-NAME>. EXPECTING SET.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL146

**INVALID TOKEN DETECTED IN UPDATE W/CURSOR STATEMENT AFTER <TABLE-NAME>
<VIEW-NAME>. EXPECTING SET.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL147

**INVALID TOKEN DETECTED IN UPDATE W/CURSOR STATEMENT AFTER <SET-CLAUSE>.
EXPECTING WHERE.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL148

**INVALID TOKEN DETECTED IN UPDATE W/CURSOR STATEMENT AFTER
<WHERE-CLAUSE>. EXPECTING <END-OF-STATEMENT>.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL149

INVALID <END-OF-STATEMENT> IN SET CLAUSE AFTER KEYWORD SET. EXPECTING <COLUMN-NAME>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL150

INVALID <END-OF-STATEMENT> IN SET CLAUSE AFTER <COLUMN-NAME>. EXPECTING =.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL151

INVALID TOKEN DETECTED IN SET CLAUSE AFTER <COLUMN-NAME>. EXPECTING =.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL152

INVALID <END-OF-STATEMENT> IN SET CLAUSE AFTER =. EXPECTING ONE OF NULL <EXPRESSION>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL153

INVALID <END-OF-STATEMENT> IN SET CLAUSE AFTER A COMMA. EXPECTING <COLUMN-NAME>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL154

Invalid <end-of-statement> in COLUMN LIST clause after <column-name>. Expecting one of ,)

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL155

Invalid token detected in COLUMN LIST clause after <COLUMN-NAME>. Expecting one of ,)

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL156

INVALID <END-OF-STATEMENT> IN COLUMN LIST CLAUSE AFTER A COMMA. EXPECTING <COLUMN-NAME>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL157

INVALID <END-OF-STATEMENT> IN SELECT INTO STATEMENT AFTER <SELECT-CLAUSE>. EXPECTING INTO.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL158

INVALID TOKEN DETECTED IN SELECT INTO STATEMENT AFTER <SELECT-CLAUSE>. EXPECTING INTO.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL159

INVALID <END-OF-STATEMENT> IN SELECT INTO STATEMENT AFTER KEYWORD INTO. EXPECTING <HOST-VARIABLE>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL160

INVALID <END-OF-STATEMENT> IN SELECT INTO STATEMENT AFTER <HOST-VARIABLE>. EXPECTING ONE OF , <FROM-CLAUSE>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL161

**INVALID TOKEN DETECTED IN SELECT INTO STATEMENT AFTER <HOST-VARIABLE>.
EXPECTING ONE OF , <FROM-CLAUSE>.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL162

**INVALID <END-OF-STATEMENT> IN SELECT INTO STATEMENT AFTER COMMA.
EXPECTING <HOST-VARIABLE>.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL163

**INVALID TOKEN DETECTED IN SELECT INTO STATEMENT AFTER <FROM-CLAUSE>.
EXPECTING ONE OF <WHERE-CLAUSE> <END-OF-STATEMENT>.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL164

**INVALID TOKEN DETECTED IN SELECT INTO STATEMENT AFTER <WHERE-CLAUSE>.
EXPECTING ONE OF <END-OF-STATEMENT>.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL165

**INVALID <END-OF-STATEMENT> IN INSERT STATEMENT AFTER KEYWORD INTO.
EXPECTING ONE OF <TABLE-NAME> <VIEW-NAME>.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL166

**INVALID <END-OF-STATEMENT> IN INSERT STATEMENT AFTER ONE OF <TABLE-NAME>
<VIEW-NAME>. EXPECTING ONE OF (VALUES SELECT.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL167

INVALID TOKEN DETECTED IN INSERT STATEMENT AFTER

ONE OF <TABLE-NAME> <VIEW-NAME>. EXPECTING ONE OF (VALUES SELECT.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL168

**INVALID <END-OF-STATEMENT> IN INSERT STATEMENT AFTER ONE OR MORE (.
STATEMENT CANNOT TERMINATE WITH A LEFT PARENTHESIS.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL169

**INVALID <END-OF-STATEMENT> IN INSERT STATEMENT AFTER <COLUMN-LIST>.
EXPECTING ONE OF VALUES SELECT (.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL170

INVALID TOKEN DETECTED IN INSERT STATEMENT AFTER

ONE OF <VALUES-CLAUSE> <SUBSELECT>. EXPECTING <END-OF-STATEMENT>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL171

**INVALID <END-OF-STATEMENT> IN CREATE VIEW STATEMENT AFTER KEYWORD VIEW.
EXPECTING <VIEW-NAME>.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL172

Invalid <end-of-statement> in CREATE statement after <view-name> or <table-name>.

Expecting one of (AS

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL173

Invalid token detected in CREATE statement after <view-name> or <table-name>. Expecting one of (AS

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL174

Invalid <end-of-statement> in CREATE statement after <column-list>. Expecting AS

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL175

Invalid token detected in CREATE statement after <column-list>. Expecting AS

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL176

Invalid <end-of-statement> in CREATE statement after keyword AS. Expecting <subselect>

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL177

INVALID TOKEN DETECTED IN CREATE VIEW STATEMENT AFTER ONE OF <SUBSELECT> WITH CHECK OPTION. EXPECTING <END-OF-STATEMENT>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL178

Invalid <end-of-statement> in VALUES clause after keyword VALUES. Expecting (

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL179

INVALID TOKEN DETECTED IN INSERT STATEMENT VALUES CLAUSE AFTER KEYWORD VALUES. EXPECTING (.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL180

INVALID <END-OF-STATEMENT> IN INSERT STATEMENT VALUES CLAUSE AFTER <CONSTANT>. EXPECTING ONE OF ,).

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL181

INVALID <END-OF-STATEMENT> IN INSERT STATEMENT VALUES CLAUSE AFTER NULL. EXPECTING ONE OF ,).

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL182

INVALID <END-OF-STATEMENT> IN INSERT STATEMENT VALUES CLAUSE AFTER <HOST-VARIABLE>. EXPECTING ONE OF ,).

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL183

INVALID <END-OF-STATEMENT> IN INSERT STATEMENT VALUES CLAUSE AFTER <SPECIAL-REGISTER>. EXPECTING ONE OF ,).

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL184

INVALID TOKEN DETECTED IN INSERT STATEMENT VALUES CLAUSE AFTER ONE OF <CONSTANT> NULL <HOST-VARIABLE> <SPECIAL-REGISTER>. EXPECTING ONE OF ,).

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL185

**Invalid <end-of-statement> in INSERT statement VALUES clause after a comma.
Expecting one of <constant> NULL <host-variable> <special-register>**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL186

INVALID TOKEN DETECTED IN CREATE VIEW STATEMENT. EXPECTING CREATE.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL187

**INVALID TOKEN DETECTED IN CREATE VIEW STATEMENT AFTER KEYWORD CREATE.
EXPECTING VIEW.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL188

INVALID <END-OF-STATEMENT> IN CREATE VIEW STATEMENT AFTER KEYWORD CREATE. EXPECTING VIEW.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL189

INVALID TOKEN DETECTED IN INSERT STATEMENT. EXPECTING INSERT.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL190

INVALID <END-OF-STATEMENT> IN INSERT STATEMENT AFTER KEYWORD INSERT. EXPECTING INTO.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL191

**INVALID TOKEN DETECTED IN INSERT STATEMENT AFTER KEYWORD INSERT.
EXPECTING INTO.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL192

**INVALID TOKEN DETECTED IN CREATE VIEW STATEMENT AFTER <SUBSELECT>.
EXPECTING WITH.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL193

**INVALID <END-OF-STATEMENT> IN CREATE VIEW STATEMENT IN WITH CHECK OPTION
CLAUSE AFTER WITH. EXPECTING CHECK.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL194

**INVALID TOKEN DETECTED IN CREATE VIEW STATEMENT IN WITH CHECK OPTION
CLAUSE AFTER WITH. EXPECTING CHECK.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL195

**INVALID <END-OF-STATEMENT> IN CREATE VIEW STATEMENT IN WITH CHECK OPTION
CLAUSE AFTER CHECK. EXPECTING OPTION.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL196

**INVALID TOKEN DETECTED IN CREATE VIEW STATEMENT IN WITH CHECK OPTION
CLAUSE AFTER CHECK. EXPECTING OPTION.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL197

INVALID <END-OF-STATEMENT> DETECTED IN COLUMN NAME AFTER A PERIOD. COLUMN NAMES MUST NOT END WITH A PERIOD. PERIODS ARE USED TO JOIN IDENTIFIERS.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL198

INVALID NUMBER OF IDENTIFIERS IN COLUMN NAME. A COLUMN NAME MUST CONSIST OF 1 THRU 4 IDENTIFIERS JOINED BY PERIODS.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL199

INVALID <END-OF-STATEMENT> IN NUMERIC CONSTANT. A NUMERIC CONSTANT MUST CONSIST OF MORE THAN A PRECEDING UNARY OPERATOR OR DECIMAL POINT.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL200

INVALID TOKEN DETECTED AS THE LAST CHARACTER OF A DELIMITED LOCATION NAME. IF YOU BEGIN A LOCATION NAME WITH AN SQL ESCAPE CHARACTER, THEN YOU MUST END IT WITH AN SQL ESCAPE CHARACTER.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL201

YOU HAVE SPECIFIED A DELIMITED LOCATION IDENTIFIER WITH A LOCATION LENGTH EXCEEDING 16 CHARACTERS. TOTAL LENGTH INCLUDING SQL ESCAPE CHARACTERS MUST NOT EXCEED 18 CHARACTERS.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL202

YOU HAVE SPECIFIED AN ORDINARY LOCATION IDENTIFIER WITH A LOCATION LENGTH EXCEEDING 16 CHARACTERS. TOTAL LENGTH MUST NOT EXCEED 16 CHARACTERS.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL203

IT IS INVALID TO USE A RESERVED WORD AS A LOCATION IDENTIFIER. IF YOU NEED TO USE THIS RESERVED WORD THEN YOU MUST ENCLOSE IT WITHIN DOUBLE QUOTES.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL204

AN INVALID CHARACTER HAS BEEN DETECTED AS THE FIRST CHARACTER OF A LOCATION IDENTIFIER. THE FIRST CHARACTER MUST BE ONE OF A THROUGH Z, @, #, \$.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL205

AN INVALID CHARACTER HAS BEEN DETECTED SUBSEQUENT TO THE FIRST CHARACTER OF A LOCATION IDENTIFIER. SUBSEQUENT CHARACTERS MUST BE ONE OF A THROUGH Z, @, #, \$, 0 THROUGH 9, _.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL206

INVALID <END-OF-STATEMENT> DETECTED IN TABLE NAME AFTER A PERIOD. TABLE NAMES MUST NOT END WITH A PERIOD. PERIODS ARE USED TO JOIN IDENTIFIERS.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL207

INVALID NUMBER OF IDENTIFIERS IN TABLE NAME. A TABLE NAME MUST CONSIST OF 1 THRU 3 IDENTIFIERS JOINED BY PERIODS.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL208

INVALID TOKEN DETECTED AS THE LAST CHARACTER OF A DELIMITED LONG IDENTIFIER. IF YOU BEGIN A LONG IDENTIFIER WITH AN SQL ESCAPE CHARACTER, THEN YOU MUST END IT WITH THE SQL ESCAPE CHARACTER.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL209

YOU HAVE SPECIFIED A DELIMITED LONG IDENTIFIER WITH A LENGTH EXCEEDING 18 CHARACTERS. TOTAL LENGTH INCLUDING SQL ESCAPE CHARACTERS MUST NOT EXCEED 20 CHARACTERS.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL210

YOU HAVE SPECIFIED AN ORDINARY LONG IDENTIFIER WITH A LENGTH EXCEEDING 18 CHARACTERS. TOTAL LENGTH MUST NOT EXCEED 18 CHARACTERS.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL211

IT IS INVALID TO USE A RESERVED WORD AS A LONG IDENTIFIER. IF YOU NEED TO USE THIS RESERVED WORD THEN YOU MUST ENCLOSE IT WITHIN DOUBLE QUOTES.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL212

AN INVALID CHARACTER HAS BEEN DETECTED AS THE FIRST CHARACTER OF A LONG IDENTIFIER. THE FIRST CHARACTER MUST BE ONE OF A THROUGH Z, @, #, \$.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL213

AN INVALID CHARACTER HAS BEEN DETECTED SUBSEQUENT TO THE FIRST CHARACTER OF A LONG IDENTIFIER. SUBSEQUENT CHARACTERS MUST BE ONE OF A THROUGH Z, @, #, \$, 0 THROUGH 9, _.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL214

AN INVALID TOKEN DETECTED AS THE LAST CHARACTER OF A DELIMITED SHORT IDENTIFIER. IF YOU BEGIN A SHORT IDENTIFIER WITH AN SQL ESCAPE CHARACTER, THEN YOU MUST END IT WITH THE SQL ESCAPE CHARACTER.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL215

YOU HAVE SPECIFIED A DELIMITED SHORT IDENTIFIER WITH A LENGTH EXCEEDING 8 CHARACTERS. TOTAL LENGTH INCLUDING SQL ESCAPE CHARACTERS MUST NOT EXCEED 10 CHARACTERS.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL216

YOU HAVE SPECIFIED AN ORDINARY SHORT IDENTIFIER WITH A LENGTH EXCEEDING 8 CHARACTERS. TOTAL LENGTH MUST NOT EXCEED 8 CHARACTERS.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL217

IT IS INVALID TO USE A RESERVED WORD AS A SHORT IDENTIFIER. IF YOU NEED TO USE THIS RESERVED WORD THEN YOU MUST ENCLOSE IT WITHIN DOUBLE QUOTES.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL218

AN INVALID CHARACTER HAS BEEN DETECTED AS THE FIRST CHARACTER OF A SHORT IDENTIFIER. THE FIRST CHARACTER MUST BE ONE OF A THROUGH Z, @, #, \$.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL219

AN INVALID CHARACTER HAS BEEN DETECTED SUBSEQUENT TO THE FIRST CHARACTER OF A SHORT IDENTIFIER. SUBSEQUENT CHARACTERS MUST BE ONE OF A THROUGH Z, @, #, \$, 0 THROUGH 9, _.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL220

AN INVALID CHARACTER HAS BEEN DETECTED IN AN INTEGER SPECIFICATION. THE ONLY VALID CHARACTERS FOR AN INTEGER ARE 0 THROUGH 9.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL221

**INVALID TOKEN DETECTED WHILE PROCESSING A SELECT INTO STATEMENT.
EXPECTING ONE OF (SELECT.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL222

**INVALID <END-OF-STATEMENT> IN SELECT INTO STATEMENT AFTER (. EXPECTING ONE
OF (SELECT.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL223

**INVALID TOKEN DETECTED IN SELECT INTO STATEMENT AFTER). EXPECTING
<END-OF-STATEMENT>.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL224

**INVALID <END-OF-STATEMENT> IN ESCAPE CLAUSE AFTER KEYWORD ESCAPE.
EXPECTING ONE OF <HOST-VARIABLE> <STRING-CONSTANT>.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL225

**INVALID TOKEN DETECTED IN ESCAPE CLAUSE AFTER KEYWORD ESCAPE. EXPECTING
ONE OF <HOST-VARIABLE> <STRING-CONSTANT>.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL226

**INVALID TOKEN DETECTED IN SELECT STATEMENT AFTER <OPTIMIZE-FOR-CLAUSE>.
EXPECTING <END-OF-STATEMENT>.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL227

INVALID TOKEN DETECTED IN SELECT STATEMENT AFTER <OPTIMIZE-FOR-CLAUSE>. EXPECTING FOR FETCH ONLY OR <END-OF-STATEMENT>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL228

INVALID TOKEN DETECTED IN SELECT STATEMENT AFTER FOR FETCH ONLY. EXPECTING ONE OF OPTIMIZE OR <END-OF-STATEMENT>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL229

INVALID <END-OF-STATEMENT> IN OPTIMIZE FOR CLAUSE AFTER TOKEN OPTIMIZE. EXPECTING FOR.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL230

**INVALID <END-OF-STATEMENT> IN OPTIMIZE FOR CLAUSE AFTER TOKEN FOR.
EXPECTING <INTEGER>.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL231

**INVALID <END-OF-STATEMENT> IN OPTIMIZE FOR CLAUSE AFTER TOKEN <INTEGER>.
EXPECTING ONE OF ROW ROWS.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL232

**INVALID TOKEN DETECTED IN <OPTIMIZE-FOR-CLAUSE> AFTER TOKEN <INTEGER>.
EXPECTING ONE OF ROW ROWS.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL233

**INVALID TOKEN DETECTED IN <OPTIMIZE-FOR-CLAUSE> AFTER TOKEN OPTIMIZE.
EXPECTED FOR.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL234

**LEXICAL ANALYSIS HAS DETECTED AN INCOMPLETE OR INVALID GRAPHIC STRING
CONSTANT OR DBCS STRING.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL235

LEXICAL ANALYSIS HAS DETECTED A NULL VALUES LIST IN AN INSERT STATEMENT.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL236

LEXICAL ANALYSIS HAS DETECTED A NULL LIST FOLLOWING THE IN KEYWORD.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL237

LEXICAL ANALYSIS HAS DETECTED AN INVALID TOKEN. EXPECTING A NUMERIC CONSTANT.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL238

LEXICAL ANALYSIS HAS DETECTED AN INVALID TOKEN. EXPECTING A WITH TOKEN OR <END-OF-STATEMENT>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL239

LEXICAL ANALYSIS HAS DETECTED AN INVALID TOKEN. ISOLATION LEVEL UR (UNCOMMITTED READ) INVALID

FOR NON-SELECT STATEMENTS.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL240

INVALID <END-OF-STATEMENT> IN WITH CLAUSE AFTER TOKEN WITH. EXPECTING RR, UR, OR CS.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL241

INVALID TOKEN DETECTED IN UPDATE STATEMENT AFTER <WITH-CLAUSE>. EXPECTING

<END-OF-STATEMENT>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL242

**INVALID TOKEN DETECTED IN DELETE STATEMENT AFTER <WITH-CLAUSE>. EXPECTING
<END-OF-STATEMENT>.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL243

**INVALID TOKEN DETECTED IN SELECT INTO STATEMENT AFTER <WITH-CLAUSE>.
EXPECTING
<END-OF-STATEMENT>.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL244

**INVALID TOKEN DETECTED IN INSERT STATEMENT. EXPECTING A WITH TOKEN OR
<END-OF-STATEMENT>.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL245

**INVALID TOKEN DETECTED IN INSERT STATEMENT AFTER <WITH-CLAUSE>. EXPECTING
<END-OF-STATEMENT>.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL246

**INVALID TOKEN DETECTED IN JOIN-TABLE CLAUSE EXPECTING
<END-OF-STATEMENT>.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL247

**INVALID TOKEN DETECTED IN JOIN-CONDITION CLAUSE EXPECTING
<END-OF-STATEMENT>.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL248

INVALID TOKEN DETECTED IN JOIN-EXPRESSION CLAUSE EXPECTING

<END-OF-STATEMENT>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL249

INVALID TOKEN DETECTED IN TABLE-REFERENCE CLAUSE EXPECTING

CORRELATION NAME.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL250

INVALID TOKEN DETECTED IN EXPRESSION CLAUSE. EXPECTING

CORRELATION NAME.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL251

INVALID TOKEN DETECTED IN FOR READ ONLY CLAUSE AFTER TOKEN FOR. EXPECTED READ.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL252

INVALID TOKEN DETECTED IN FOR READ ONLY CLAUSE AFTER TOKEN READ. EXPECTED ONLY.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL253

INVALID TOKEN DETECTED IN CASE CLAUSE. EXPECTING WHEN CLAUSE.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL254

INVALID TOKEN DETECTED IN CASE CLAUSE. EXPECTING ELSE KEYWORD OR END KEYWORD.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL255

INVALID TOKEN DETECTED IN CASE CLAUSE. EXPECTING ELSE KEYWORD OR <RESULT-EXPRESSION>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL256

INVALID TOKEN DETECTED IN CASE CLAUSE. EXPECTING END KEYWORD.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL257

INVALID TOKEN DETECTED IN CASE CLAUSE. EXPECTING WHEN KEYWORD.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL258

INVALID TOKEN DETECTED IN CASE CLAUSE. EXPECTING THEN KEYWORD.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL259

INVALID TOKEN DETECTED IN STRIP FUNCTION. EXPECTING KEYWORD LEADING, TRAILING, OR BOTH.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL260

LEXICAL ANALYSIS HAS DETECTED AN INCOMPLETE OR INVALID NUMERIC STRING CONSTANT OR DBCS STRING.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL261

INVALID TOKEN DETECTED. EXPECTING ONE OF BLOB OR BINARY LARGE OBJECT.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL262

INVALID TOKEN DETECTED. EXPECTING SCALE NOTATION.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL263

INVALID TOKEN DETECTED. EXPECTING FOR BIT DATA, FOR MIXED DATA, OR FOR SBCS DATA.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL264

INVALID TOKEN DETECTED. EXPECTING FOR MIXED DATA OR FOR SBCS DATA.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL265

INVALID TOKEN DETECTED. EXPECTING CCSID ASCII OR CCSID EBCDIC.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL266

EXPECTING RIGHT PAREN IN SCALE DEFINITION IN DATA TYPE DECLARATION.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL267

EXPECTING A NUMERIC CONSTANT OF TYPE DECIMAL, REAL OR INTEGER SPECIFICATION.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL268

EXPECTING A NUMERIC CONSTANT OF TYPE INTEGER.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL269

EXPECTING SCALE DEFINITION FOR BLOB, CLOB OR DBCLOB DEFINITION.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL270

EXPECTING ONE OF CLOB, CHAR LARGE OBJECT, OR CHARACTER LARGE OBJECT.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL271

EXPECTING ONE OF VARCHAR, CHARACTER VARYING OR CHAR VARYING.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL272

EXPECTING "(" IN IN PREDICATE.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL273

EXPECTING AFTER OR NO CASCADE BEFORE IN CREATE TRIGGER STATEMENT.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL274

EXPECTING ONE OF DELETE, INSERT OR UPDATE IN CREATE TRIGGER STATEMENT.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL275**EXPECTING ON OR OFF SPECIFICATION IN CREATE TRIGGER STATEMENT.****Reason:**

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL276**EXPECTING REFERENCING CLAUSE IN CREATE TRIGGER STATEMENT.****Reason:**

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL277**EXPECTING FOR EACH ROW OR FOR EACH STATEMENT IN CREATE TRIGGER STATEMENT.****Reason:**

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL278**EXPECTING MODE DB2SQL IN CREATE TRIGGER STATEMENT.****Reason:**

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL279

INCOMPLETE CREATE TRIGGER STATEMENT.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL280

EXPECTING END OR “;” IN CREATE TRIGGER STATEMENT.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL281

EXPECTING OLD, NEW, OLD_TABLE OR NEW_TABLE IN CREATE TRIGGER STATEMENT AFTER REFERENCING.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL282

ILLEGAL REFERENCING-SPEFICATIONS.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL283

EXPECTING SELECT, INSERT, SET,...,ECT., IN CREATE TRIGGER STATEMENT.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL284

EXPECTING CORRELATION NAME AFTER TABLE FUNCTION.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL285

EXPECTING “)” IN VALUES CLAUSE.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL286

EXPECTING A COMMA OR THE END OF A VALUES SPECIFICATION CLAUSE.

Reason:

The SQL parser encountered a problem with the SQL statement.

ActionReason:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL287

INVALID WITH CLAUSE AFTER ISOLATION LEVEL. EXPECTING UPDATE.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL288

INVALID WITH CLAUSE AFTER UPDATE. EXPECTING LOCKS.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL289

INVALID WITH CLAUSE <WITH UPDATE LOCKS>. TOKEN NOT VALID.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL290

INVALID OVERRIDING CLAUSE. EXPECTING USER KEYWORD.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL291**INVALID OVERRIDING CLAUSE. EXPECTING VALUE KEYWORD.****Reason:**

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL292**INVALID TOKEN DETECTED IN <SPECIAL-REGISTER>.****Reason:**

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL293**Invalid token detected <excessive length>****Reason:**

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL294**Expecting "(" after TABLE keyword****Reason:**

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL295

Expecting keyword LIKE after locator variable

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL296

You have specified a delimited long object name with a length exceeding 128 characters. Total length including SQL escape characters must not exceed 130 characters.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL297

You have specified a delimited long column name with a length exceeding 30 characters. Total length including SQL escape characters must not exceed 32 characters.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL298

You have specified an ordinary long object name with a length exceeding 128 characters. Total length must not exceed 128 characters.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL299

You have specified an ordinary long column name with a length exceeding 30 characters. Total length must not exceed 30 characters.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL300

You have specified a delimited creator or schema with a length exceeding 128 characters. Total length including SQL escape characters must not exceed 130 characters.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL301

You have specified an ordinary creator or schema with a length exceeding 128 characters. Total length must not exceed 128 characters.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL302

Invalid token detected in INSERT statement. Expecting a ATOMIC, NOT, or <end-of-statement>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL303

Invalid token detected in INSERT or SELECT statement. Expecting VALUES, SELECT, or WITH.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL304

Invalid <end-of-statement> detected in a common table expression.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL305

Invalid token detected in a common table expression. Expecting AS

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL306

Invalid <end-of-statement> in FOR n ROWS.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL307

Invalid <end-of-statement> in NOT ATOMIC CONTINUE ON SQLEXCEPTION.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL308

Invalid or Unexpected token in ROWSET clause.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL309

Invalid or Unexpected token in DATA CHANGE TABLE REFERENCE clause.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL310

Invalid <end-of-statement> in INSERT statement.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL311

DB2 Version 8 Long name Manager error.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

Contact CA Technical Support for assistance.

SQL312

**Invalid <end-of-statement> in CREATE TABLE statement after keyword TABLE.
Expecting <table-name>**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL313

Invalid token detected in CREATE TABLE statement after keyword CREATE. Expecting TABLE

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL314

Invalid token detected in DISTINCT predicate. Expecting DISTINCT.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL315

Invalid token detected in DISTINCT predicate. Expecting FROM.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL316

Invalid token detected in DISTINCT predicate. Expecting IS.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL317

Invalid <end-of-statement> in DISTINCT PREDICATE after keyword IS. Expecting one of DISTINCT NULL

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL318

Invalid <end-of-statement> in DISTINCT PREDICATE after <expression>. Expecting keyword IS

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL319

Invalid <end-of-statement> in DISTINCT PREDICATE after <expression>. Expecting keyword FROM

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL320

Invalid <end-of-statement> in DISTINCT PREDICATE after <expression>. Expecting <expression>

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL321

You have specified a cursor name longer than 128 characters. Total length including SQL escape characters must not exceed 130 characters.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL322

GROUP by column mismatch error. A column in the SELECT clause appears to be missing from the GROUP BY clause. Currently, CREATE TABLE is only supported for materialized query tables.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL323

Invalid <end-of-statement> in a MERGE statement. Expecting INTO

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL324

Invalid <end-of-statement> in a MERGE statement. Expecting <table-name> or <view-name>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL325

Invalid <end-of-statement> in a MERGE statement. Expecting USING.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL326

Invalid <end-of-statement> in a MERGE statement. Expecting <correlation name>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL327

Invalid <end-of-statement> in a MERGE statement. Expecting <include column list>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL328

Invalid token in a MERGE statement. Expecting USING.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL329

Invalid <end-of-statement> in a MERGE statement. Expecting <source table>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL330

Invalid <end-of-statement> in a MERGE statement. Expecting ON.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL331

Invalid token in a MERGE statement. Expecting ON.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL332

Invalid <end-of-statement> in a MERGE statement. Expecting <search condition>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL333

Invalid <end-of-statement> in a MERGE statement. Expecting WHEN.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL334

Invalid token in a MERGE statement. Expecting WHEN.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL335

Invalid <end-of-statement> in a MERGE statement. Expecting <matching condition>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL336

Invalid <end-of-statement> in a MERGE statement. Expecting THEN.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL337

Invalid token in a MERGE statement. Expecting THEN.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL338

Invalid <end-of-statement> in a MERGE statement. Expecting <modification operation>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL339

Invalid <end of statement> in a MERGE statement. Expecting <correlation name>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL340

Invalid token in a MERGE statement. Expecting MATCHED.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL341

Invalid <end-of-statement> in a MERGE statement. Expecting <data type>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL342

Invalid <end-of-statement> in a MERGE statement. Expecting <column name>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL343

Invalid <modification operation>. Expecting INSERT or UPDATE.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL344

Invalid <end-of-statement> in a UPDATE statement. Expecting <include column list>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL345

Invalid <end-of-statement> in a DELETE statement. Expecting <include column list>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL346

Invalid token in ROW CHANGE expression.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL347

Invalid token. Expecting OPTION.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL348

Invalid token in parameter list. Multiple NULL ON NULL or EMPTY ON NULL arguments are not valid.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL349

Invalid token in parameter list, expecting ON.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL350

Invalid token in parameter list, expecting NULL.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL351

Invalid token in parameter list. Multiple XMLBINARY arguments are not valid.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL352

Invalid token in parameter list, expecting HEX or BASE64.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL353

Invalid token in parameter list, expecting STRIP.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL354

Invalid token in parameter list, expecting WHITESPACE.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL355

Invalid token in parameter list, expecting PRESERVE.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL356

Invalid token detected in an XMLSERIALIZE function. Expecting AS

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL357

Only 1 VERSION clause allowed.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL358

Invalid token detected in an XMLSERIALIZE function.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL359

Only 1 INCLUDING/EXCLUDING XMLDECLARATION clause allowed.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL360

Invalid <end-of-statement> in a XQUERY argument. Expecting <correlation name>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL361

Unknown OLAP function.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL362

Unknown OLAP specification.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL363

Invalid token in OLAP Specification. Expecting OVER.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL364

Invalid token in OLAP Specification. Expecting PARTITION BY.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL365

Invalid token in OLAP Specification. Expecting ORDER BY.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL366

Invalid token in OLAP Specification. Expecting FIRST or LAST.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL367

Too many parenthesis, architectural limit is currently 32760 pairs of parenthesis.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

Contact CA Technical Support for assistance.

SQL368

Invalid <end-of-statement> in CALL. Expecting <procedure name>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL369

Invalid token or <end-of-statement> in CALL. Expecting DESCRIPTOR.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL370

Invalid token in a CALL statement.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL371

Invalid token or <end-of-statement> in a REFRESH TABLE statement.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL372

Invalid token or <end-of-statement> in a SET transition variable assignment.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL373

Invalid token or <end-of-statement> in a SIGNAL statement.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL374

Invalid token or <end-of-statement> in a SIGNAL statement. Expecting SQLSTATE.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL375

Invalid token or <end-of-statement> in a SIGNAL statement. Expecting SQLSTATE.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL376

Invalid token or <end-of-statement> in a VALUES statement.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL377

Invalid token or <end-of-statement> in a ALTER TABLE statement. Only ALTER TABLE ADD MATERIALIZED QUERY <mqt-definition> is currently supported.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL378

Invalid token or <end-of-statement> in a CREATE TABLE <mqt-definition>. Currently, CREATE TABLE is only supported for materialized query tables.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement where the error was encountered.

SQL379

**Invalid <end-of-statement> in UPDATE statement after <period-specification>.
Expecting <corrname> , SET.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement containing the error.

SQL380

Invalid token or <end-of-statement> in an OLAP aggregation-specification.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement containing the error.

SQL381

**Invalid token or <end-of-statement> in a PERIOD SPECIFICATION. Expecting
SYSTEM_TIME or BUSINESS_TIME.**

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement containing the error.

SQL382

Invalid token or <end-of-statement> in a PERIOD SPECIFICATION. Expecting AS OF, FROM, BETWEEN.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement containing the error.

SQL383

Invalid token or <end-of-statement>. Expecting MINVALUE or <value>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement containing the error.

SQL384

Invalid token or <end-of-statement>. Expecting TO or AND.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement containing the error.

SQL385

Invalid token or <end-of-statement>. Expecting MAXVALUE or <value>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement containing the error.

SQL386

Invalid token or <end-of-statement>. Expecting <value>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement containing the error.

SQL387

Invalid token or <end-of-statement> in PERIOD CLAUSE. Expecting FOR PORTION OF BUSINESS_TIME FROM.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement containing the error.

SQL388

Invalid token or <end-of-statement> in PERIOD CLAUSE. Expecting TO.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement containing the error.

SQL391

Expecting NOT SECURED in CREATE TRIGGER statement.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement containing the error.

SQL394

Invalid token or <end-of-statement> in XMLMODIFY.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement containing the error.

SQL395

Invalid token or <end-of-statement>. Expecting <data type>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement containing the error.

SQL396

Invalid token or <end-of-statement>. Expecting PATH.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement containing the error.

SQL397

Invalid <end-of-statement> in an XMLTABLE function. Expecting <correlation name>.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement containing the error.

SQL398

Invalid token or <end-of-statement> in an XMLTABLE Function. Expecting PASSING.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement containing the error.

SQL399

Invalid token or <end-of-statement> in an XMLTABLE Function. Expecting <comma> or COLUMNS.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement containing the error.

SQL401

Invalid token. Expecting BUSINESS_TIME WITHOUT OVERLAPS.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement containing the error.

SQL407

Invalid token in parameter list; expecting NAME.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement containing the error.

SQL408

Invalid token in parameter list; expecting AS.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement containing the error.

SQL409

Invalid token in parameter list; expecting DEFAULT.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement containing the error.

SQL410

Invalid end of parameter list; missing argument or arguments.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement containing the error.

SQL411

Too many arguments in parameter list.

Reason:

The SQL parser encountered a problem with the SQL statement.

Action:

See the IBM *DB2 SQL Reference* manual for the appropriate syntax of the statement containing the error.

SRS� Messages

Messages with the SRS� prefix are generated from CA RC/Secure.

SRS�001I

SRS DOMAIN UPDATE BEGINNING

Reason:

SRS has begun processing the domain updates you submitted.

SRS�002I

SRS DOMAIN UPDATE COMPLETE

Reason:

SRS has completed processing the domain updates you submitted.

SRS�003I

SRS CONNECT TO DB2 FAILED

Reason:

SRS was unable to connect to DB2.

Action:

Contact your system administrator.

SRS�004I

SRS DISCONNECT FROM DB2 FAILED

Reason:

SRS was unable to disconnect from DB2.

Action:

Contact your system administrator.

SRS005I

SRS DROPPED OBJECT `xx.xxxxxxx.xxxxxxxxxxxxxxxxxx` WAS NOT FOUND

Reason:

The dropped object you specified to recover was not found.

Action:

Check to be sure you entered the name correctly and try again.

SRS006I

SRS UPDATED OBJECT `xx.xxxxxxx.xxxxxxxxxxxxxxxxxx` WAS NOT FOUND

Reason:

The updated object you specified was not found.

Action:

Check to be sure you entered the name correctly and try again.

SRS007I

SRS SQL ERROR x xxxx WHILE UPDATING PTRCS_APLDOM_0200 TABLE

Reason:

The SQL error indicated in the message text occurred during processing.

Action:

Contact your system administrator.

SRS008I

SRS SQL ERROR x xxxx WHILE DELETING FROM PTRCS_APLDOM_0200 TABLE

Reason:

The SQL error indicated in the message text occurred during processing.

Action:

Contact your system administrator.

SRSI009I**SRS SQL ERROR x xxxx WHILE UPDATING PTRCS_DOMDIR_0200 TABLE****Reason:**

The SQL error indicated in the message text occurred during processing.

Action:

Contact your system administrator.

SRSI010I**SRS CHANGES ROLLED BACK****Reason:**

The changes made to SRS have been rolled back.

SRSI011I**SRS CHANGES HAVE BEEN COMMITTED****Reason:**

The changes made to SRS have been committed.

SRSI012E**NO INPUT SUPPLIED TO DOMAIN UPDATE****Reason:**

You specified domain update processing, but you did not specify any input between the .DATA and the .ENDDATA cards.

SRSI013E**NOT ENOUGH MEMORY, INCREASE REGION****Action:**

Increase your region size to process your request, and then submit the job again.

SRS L014I

SRS SQL ERROR x xxxx WHILE UPDATING PTRCS_APLCOL_0200 TABLE

Reason:

The SQL error indicated in the message text occurred during processing.

SRS L017E

INVALID DB2 SYSID

Reason:

You specified a DB2 system ID that is not valid.

Action:

Check to be sure you entered the proper system ID and resubmit the job.

SRS L018E

DB2 SYSID NOT SPECIFIED AS PARM

Reason:

The DB2 system ID was not specified.

Action:

Check to be sure you enter the system ID and resubmit the job, or contact your system administrator.

SRS L020I

SRS SQL ERROR x xxxx WHILE INSERTING INTO APLDOM TABLE

Reason:

The SQL error indicated in the message text occurred during processing.

SRS L021I

SRS SQL ERROR x xxxx WHILE CREATING OBJECT LIST

Reason:

The SQL error indicated in the message text occurred during processing.

SRSŁ023I

**SRS CREATED OBJECT xx.xxxxxxx.xxxxxxxxxxxxxxxxxx ALREADY EXISTS IN DEPT:
xxxxxxx DOMAIN: xxxxxxxx**

Reason:

You attempted to create the same object more than once during the same job.

SRSŁ024I

**SRS CREATED OBJECT xx.xxxxxxx.xxxxxxxxxxxxxxxxxx NOT ALLOWED IN DEPT:
xxxxxxx DOMAIN: xxxxxxxx**

Reason:

You attempted to create an object, but the object is not allowed in the department you specified.

SRSŁ025I

**SRS UPDATED OBJECT xx.xxxxxxx.xxxxxxxxxxxxxxxxxx ALREADY EXISTS IN DEPT:
xxxxxxx DOMAIN: xxxxxxxx**

Reason:

You attempted to update an object with the name of an object that already exists.

SRSŁ026I

**SRS UPDATED OBJECT xx.xxxxxxx.xxxxxxxxxxxxxxxxxx NOT ALLOWED IN DEPT:
xxxxxxx DOMAIN: xxxxxxxx**

Reason:

You attempted to update an object, but the object is not allowed in the department you specified.

SRSŁ027I

SRS CREATED OBJECT xx.xxxxxxx.xxxxxxxxxxxxxxxxxx DID NOT MATCH ANY MASKS

Reason:

The object you attempted to create did not match any masks that you specified. No SRS updates were performed.

SRSI028I

SRS UNABLE TO OPEN APLFILE

Action:

Check to be sure you specified the optional APLFILE DD properly and resubmit the job.

TGHC Messages

Messages with the TGHC prefix are generated from Snapshot General Services.

TGHC001I

The DB2_TGR_CHECK_FCII_DEVS@*xmanxxxx* health check has determined that all devices that are capable of FlashCopy II processing have been defined as FlashCopy II devices in Snapshot General Services. This provides optimum use of DASD resources.

Snapshot General Services was initialized using parameters from the *&dsname* file in the initialization job.

Reason:

All devices that are capable of FlashCopy II processing have been defined as FlashCopy II devices in Snapshot General Services.

xmanxxxx is the name of the CA XManager job under which the health check is running.

&dsname is the name of the data set containing the parameters that were used to initialize Snapshot General Services. A value of SYSIN indicates that the parameters came from DD *.

Action:

No action is required.

TGHC002E

The DB2_TGR_CHECK_FCII_DEVS@*xmanxxxx* health check has determined that one or more devices capable of FlashCopy II processing are defined as FlashCopy I devices in Snapshot General Services.

Reason:

One or more of your devices is defined as FlashCopy I, even though it can perform FlashCopy II processing. Defining a device as FlashCopy II can significantly reduce storage requirements and operational complexity. Unlike FlashCopy I devices, FlashCopy II devices do not require a dedicated target volume for each source volume, and permit multiple jobs to be copied to or from the same device concurrently.

xmanxxxx

Identifies the name of the CA XManager job under which the health check is running.

Action:

The system continues to process, with reduced efficiency.

Operator Response:

Inform the system programmer of this situation.

System Programmer Response:**To resolve the problem**

1. Review the VOLGROUP statements in your Snapshot General Services initialization parameters. The online health check displays the volumes that are not optimally configured, and the name of the data set containing the initialization parameters for Snapshot General Services.

```
VOLGROUP NAME(GROUP1) VOLUMES(SAMP%%) TGTMAP(MAS***)  
VOLGROUP NAME(GROUP2) VOLUMES(XZY%%) TGTMAP(MAP***) FCVER(1)
```

2. Add FCVER(2) to the definitions of FlashCopy II-capable devices, and remove the TGTMAP keyword:

```
VOLGROUP NAME(GROUP1) VOLUMES(SAMP%%) FCVER(2)  
VOLGROUP NAME(GROUP2) VOLUMES(XZY%%) FCVER(2)
```

3. Reinitialize Snapshot General Services by running a job like the following:

```
//jobname JOB ---Standard JOB statement---  
//JS010 EXEC PGM=TG10INIT,  
// PARM='INITMSG SUBSYS(ZUBU)'  
//*  
//TGRPARM DD DISP=SHR,  
// DSN=---initialization parm dsname---  
//
```

The health check automatically runs again after Snapshot General Services is reinitialized.

TGHC005I

The DB2_TGR_CHECK_FCII_DEVS@&instance health check has determined that that Snapshot General Services is not active on this system.

Reason:

The DB2_TGR_CHECK_FCII_DEVS health check determines whether devices are properly defined to Snapshot General Services. Snapshot General Services is not active on this system, so there is nothing that needs checking.

Action:

No action is required.

TGR Messages

Messages with the TGR prefix (TGRCAT, TGRCBD, TGRDFR, TGREMC, TGREMX, TGRFDE, TGRFLA, TGRFLD, TGRFRE, TGRIBM, TGRIBS, TGRIBY, TGRIDR, TGRINI, TGRIVC, TGRMSK, TGRPAR, and TGRPRM) are generated from Snapshot General Services.

TGR0001**Snapshot General Services task attached****Reason:**

Xmanager successfully attached the Snapshot General Services subtask.

Action:

None.

Module:

TGAXE1CC

TGR0002**Error attaching Snapshot General Services task, ACQUIRE R15=r15****Reason:**

An error occurred while Xmanager initialization was attempting to attach the Snapshot General Services subtask.

r15

Identifies the return code from the \$MSWCOMM ACQUIRE request.

The error occurred in module TGAXE1CC.

TGR0003**Snapshot General Services initialization failed****Reason:**

An error occurred initializing the Snapshot General Services subtask for Xmanager. Previous messages describe the error.

Action:

Please refer to the previous messages.

Module:

TGAASYCC

TGR0004

Snapshot General Services subsystem is not active

Reason:

The Snapshot General Services subtask for Xmanager could not find an active Snapshot General Services subsystem. The subtask will terminate.

Action:

If you are not intending to use Snapshot General Services, this message can be ignored. If you intend to use Snapshot General Services, initialize a Snapshot General Services subsystem before starting Xmanager.

Module:

TGAASYCC

TGR0005

Snapshot General Services initialized for *subsys* subsystem

Reason:

The Snapshot General Services subtask for Xmanager was successfully initialized.

subsys is the name of the Snapshot General Services subsystem associated with this Xmanager.

Action:

None.

Module:

TGAASYCC

TGR0006

Snapshot General Services SSCT was not found

Reason:

The TGVt control block was found for a Snapshot General Services subsystem, but the corresponding SSCT could not be found.

The error occurred in module TGAASYCC.

TGR0007**Snapshot General Services XMANID (*xmanid1*) does match Xmanager XMANID (*xmanid2*)****Reason:**

The Snapshot General Services subtask of Xmanager attempted to associate itself with a Snapshot General Services subsystem, but the subsystem is already associated with a different Xmanager XMANID. The subtask was terminated.

- *xmanid1* is the XMANID associated with the Snapshot General Services subsystem.
- *xmanid2* is the XMANID of the Xmanager address space.

Action:

Make sure that you are specifying the proper XMANID in the Xmanager parameters, and that you do not have two Xmanager address spaces trying to associate with the same Snapshot General Services subsystem. (One of them may need a TGRSUBSY DD statement.)

Module:

TGAASYCC

TGR0008**Snapshot General Services *subsys* subsystem was initialized at *time* on *date*****Reason:**

This message displays information about the Snapshot General Services subsystem associated with this Xmanager address space.

- *subsys* is the name of the subsystem
- *time* is the time that the subsystem was initialized
- *date* is the date that the subsystem was initialized

Note: The Snapshot General Services subsystem may be reinitialized after this message is issued, in which case the time and date listed would no longer apply.

Action:

None.

Module:

TGAASYCC

TGR0009

Request *timestamp* moved to deletion queue

Reason:

This message indicates that a completed copy request was moved to the deletion queue. It will be deleted a minute or so after it is moved to the queue. This message appears only if diagnostic messages are enabled.

The specified value in the message text is *timestamp*, a 16-digit hexadecimal value that is the key for the request. It can be used to refer to this request in LIST commands.

Action:

None.

Module:

TGAASYCC

TGR0010

Snapshot General Services task is terminating

Reason:

The Snapshot General Services subtask is shutting down because the Xmanager address space is terminating, or because no Snapshot General Services subsystem was active.

Action:

None.

Module:

TGAASYCC

TGR0011**Request *timestamp* deleted****Reason:**

This message indicates that a completed copy request was deleted. This message is displayed only if diagnostic messages are enabled.

The specified value in the message text is *timestamp*, a 16-digit hexadecimal value that is the key for the request.

Action:

None.

Module:

TGAASYCC

TGR0025**Unrecognized command entered****Reason:**

An F *stcname*,TGR,*commandname* command was entered (where *stcname* is the name of the Xmanager started task). The *commandname* was not a recognized command. The request was ignored.

Action:

Re-enter the command with a valid command name.

Module:

TGAMDFCC

TGR0026

No copy operations are pending

Reason:

An F *stcname*,TGR,DISPLAY command was entered (where *stcname* is the name of the Xmanager started task). There are currently no pending requests to display.

Action:

None.

Module:

TGAMDFCC

TGR0027

******* Pending Copy Operations *******

Reason:

An F *stcname*,TGR,DISPLAY command was entered (where *stcname* is the name of the Xmanager started task). This header precedes the output from the command.

Action:

None.

Module:

TGAMDFCC

TGR0028

Timestamp: *&timestamp*

Flags: *&flags*

Pending copies: *&copies*

Reason:

This message is in response to an F *stcname*,TGR,DISPLAY or F *stcname*,TGR,LIST timestamp command (where *stcname* is the name of the Xmanager started task).

&timestamp

Identifies a 16-digit hexadecimal value that is the key for the request. Use this value to refer to this request in LIST, POST, or DELETE commands.

&flags

Indicate the status of the request. The flags can safely be ignored; the same information is conveyed in the messages that follow this one. Provide this value to CA Support when requested.

&copies

Identifies the number of data sets still pending for this request.

Action:

None.

Module:

TGAMDFCC

TGR0029

Job name: *jobname*

Job ID: *jobnumber*

Proc Step: *procstep*

Step name: *stepname*

Reason:

This message is in response to an F *stcname*,TGR,DISPLAY or F *stcname*,TGR,LIST timestamp command (where *stcname* is the name of the Xmanager started task).

It displays the job information for the request as follows:

- *jobname*—The MVS jobname of the job.
- *jobnumber*—The JES job number of the job.
- *procstep*—The step name within the JCL procedure, or blank if no JCL procedure was executed.
- *stepname*—The step name, or the name of the step that executed the JCL procedure.

Action:

None.

Module:

TGAMDFCC

TGR0030

seqnum Status: *status*

Dsname: *dsname*

Reason:

This message is in response to an F *stcname*,TGR,DISPLAY or F *stcname*,TGR,LIST timestamp command (where *stcname* is the name of the Xmanager started task).

It displays the status of a particular data set that was part of a copy request. Values appearing in the message text are as follows:

- *seqnum*—the sequence number of the data set within the request.
- *status*—The status of the data set, PENDING or COMPLETE.
- *dsname*—The data set name.

Action:

None.

Module:

TGAMDFCC

TGR0031

ASCB: *ascb-address* **ECB:** *ecb-address* **TEPCB:** *tepcb-baddress*

Reason:

This message is in response to an F *stcname*,TGR,DISPLAY or F *stcname*,TGR,LIST timestamp command (where *stcname* is the name of the Xmanager started task).

It appears only if diagnostic messages are enabled. It displays the following information:

- *ascb-address*—The address of the Address Space Control Block (ASCB) for the job that initiated the copy request.
- *ecb-address*—The address of the Event Control Block (ECB) for the job that initiated the copy request.
- *tepcb-address*—The address of the Tiger EMC Pending Completion Block (TEPCB) for the copy request.

Action:

Report this information to Technical Support.

Module:

TGAMDFCC

TGR0032

Request was cancelled

Reason:

This message is in response to an F *stcname*,TGR,DISPLAY or F *stcname*,TGR,LIST timestamp command (where *stcname* is the name of the Xmanager started task).

This message indicates that the request failed during setup and was canceled. To determine why it was canceled, look at the listing for the job.

Action:

None.

Module:

TGAMDFCC

TGR0033

Request is complete

Reason:

This message is in response to an F *stcname*,TGR,DISPLAY or F *stcname*,TGR,LIST timestamp command (where *stcname* is the name of the Xmanager started task). This message indicates that the copy request was successfully completed. Typically, completed entries appear for a short time after they finish, unless request cleanup has been disabled.

Action:

None.

Module:

TGAMDFCC

TGR0034**Error during post****Reason:**

This message is in response to an F *stcname*,TGR,DISPLAY or F *stcname*,TGR,LIST timestamp command (where *stcname* is the name of the Xmanager started task). It indicates that the physical copies are completed, but an error occurred while Snapshot General Services was attempting to post the job that initiated the copy operation. This typically means that the job ended before the physical copies were finished.

Action:

None.

Module:

TGAMDFCC

TGR0035**Command argument must be 16 hexadecimal characters****Reason:**

An F *stcname*,TGR,commandname timestamp command was entered (where *stcname* is the name of the Xmanager started task, and commandname is LIST, POST, or DELETE). The specified timestamp was not 16 hexadecimal characters.

Action:

Ensure that the timestamp was properly specified.

Module:

TGAMDFCC

TGR0036

Request with timestamp timestamp was not found

Reason:

An F *stcname*,TGR,commandname timestamp command was entered (where *stcname* is the name of the Xmanager started task, and commandname is LIST, POST, or DELETE). A request with the specified timestamp could not be found.

Action:

Ensure that the timestamp was properly specified.

Module:

TGAMDFCC

TGR0037

This request was already posted

Reason:

This message is in response to an F *stcname*,TGR,POST timestamp command (where *stcname* is the name of the Xmanager started task). The request specified by timestamp is already complete, so it cannot be manually posted.

Action:

None is required; the completed request has already been posted.

Module:

TGAMDFCC

TGR0038**This request is in POST error status****Reason:**

This message is in response to an F *stcname*,TGR,POST timestamp command (where *stcname* is the name of the Xmanager started task). An attempt to post the request specified by timestamp was already made, manually or by Snapshot General Services, and failed. This typically means that the job that initiated the copy request ended abnormally.

Action:

None is required; the request cannot be posted.

Module:

TGAMDFCC

TGR0039**Posting this request failed****Reason:**

This message is in response to an F *stcname*,TGR,POST timestamp command (where *stcname* is the name of the Xmanager started task). While attempting to post the request specified by timestamp, an error occurred.

The error occurred in module TGAMDFCC.

TGR0040**Diagnostic messages are now enabled****Reason:**

An F *stcname*,TGR,DIAG ON command was entered. Diagnostic messages are now enabled.

Action:

None.

Module:

TGAMDFCC

TGR0041

Diagnostic messages are now disabled

Reason:

An F *stcname*,TGR,DIAG OFF command was entered. Diagnostic messages are now disabled.

Action:

None.

Module:

TGAMDFCC

TGR0042

Cleanup is now enabled

Reason:

An F *stcname*,TGR,CLEANUP ON command was entered. Cleanup of completed requests is now enabled.

Action:

None.

Module:

TGAMDFCC

TGR0043

Cleanup is now disabled

Reason:

An F *stcname*,TGR,CLEANUP OFF command was entered. Cleanup of completed requests is now disabled.

Action:

None.

Module:

TGAMDFCC

TGR0044**Request was manually posted****Reason:**

This message is in response to an `F stcname,TGR,DISPLAY` or `F stcname,TGR,LIST` timestamp command (where *stcname* is the name of the Xmanager started task).

It indicates that the request was manually posted using the `F stcname,TGR,POST` timestamp command.

Action:

None.

Module:

TGAMDFCC

TGR0045**Request is marked for deletion****Reason:**

This message is in response to an `F stcname,TGR,DISPLAY` or `F stcname,TGR,LIST` timestamp command (where *stcname* is the name of the Xmanager started task).

It indicates that the request has been queued for deletion, because it completed or it was marked for deletion with the `F stcname,TGR,DELETE` timestamp command.

Action:

None.

Module:

TGAMDFCC

TGR0046

This request has not been manually posted

Reason:

This message is in response to an F *stcname*,TGR,DELETE timestamp command (where *stcname* is the name of the Xmanager started task). Before a request can be deleted with the DELETE command, it must be manually posted with the F *stcname*,TGR,POST timestamp command. This has not been done.

Action:

If the physical copy is not likely to delete (for example, the disk drive has failed), use the F *stcname*,TGR,POST timestamp command to manually post the request, then use the F *stcname*,TGR,DELETE timestamp command to delete it.

Module:

TGAMDFCC

TGR0047

Request is now marked for deletion

Reason:

This message is in response to an F *stcname*,TGR,DELETE timestamp command (where *stcname* is the name of the Xmanager started task). The request has been successfully marked for deletion.

Action:

None.

Module:

TGAMDFCC

TGRALD001E**(&task) DFDSS version is unknown****Reason:**

Snapshot General Services could not determine the version of DFDSS to use to copy a data set. Recent versions of DFDSS report their version level. Possibly DFDSS is not installed or is out of date. The copy could not be completed.

&task

Identifies the number of the allocation task. This number can be used to correlate the messages for a given allocation task.

Action:

Verify that a recent version of DFDSS is available.

Module:

TGAALDFD

TGRALD002E**(&task) LOAD failed for DFSMSdss module ADRDSSU****Reason:**

Snapshot General Services could not load the DFSMSdss ADRDSSU module to copy a data set on a non-FlashCopy device. The copy could not be performed.

&task

Identifies the number of the allocation task. This number can be used to correlate the messages for a given allocation task.

Action:

Verify that the ADRDSSU module is available in the LNKST or in a STEPLIB.

Module:

TGAALDFD

TGRALD006I

(&task) DFDSS task &task has started

Reason:

A copy task has started. This message appears only when you specify //TGRTIMER DD DUMMY in the JCL.

&task

Identifies the number of the allocation task. This number can be used to correlate the messages for a given allocation task.

Action:

None.

Module:

TGAALDFD

TGRALD019I

(&task) &msg

Reason:

This message displays DFSMSdss messages that are issued during data set allocation and copy processing.

&task

Identifies the number of the allocation task. This number can be used to correlate the messages for a given allocation task.

&msg

Shows the text of the message from DFSMSdss.

Action:

If the copy operation ends successfully, ignore these messages. If the copy operation fails, contact CA Support for assistance and report the displayed messages.

Module:

TGAALDFD

TGRALD020I

(&task) Duplicate messages suppressed: &num

Reason:

This message indicates that DFDMSdss issued an identical message multiple times in a row. The first message was displayed by the TGRALD019I message. Subsequent messages were suppressed.

&task

Identifies the number of the allocation task. This number can be used to correlate the messages for a given allocation task.

&num

Identifies the number of messages that were suppressed.

Action:

None.

Module:

TGAALDFD

TGRALL001E**(&task) Data set &dsname****(&task) Source stripe count (&src) does not equal target stripe count (&tgt)****Reason:**

When a copy of a striped data set was allocated, the copy did not have the same number of stripes as the original. The source tracks could not be properly mapped to the target tracks.

- &task is the number of the allocation task. This number can be used to correlate the messages for a given allocation task.
- &dsname is the name of the copy data set.
- &src is the number of stripes in the source data set.
- &tgt is the number of stripes in the target data set.

Snapshot General Services allocates the target data set in the same SMS storage class as the source data set. (This can be overridden on a data set basis by using a DSNGROUP statement in the Snapshot General Services initialization parameters.) The number of stripes is determined by the Sustained Data Rate specified in the definition for the storage class. (For 3390 devices, the SDR value is four times the desired number of stripes.)

This error could occur if the SDR value for the storage class was changed after the source data set was defined, or if a DSNGROUP statement was used to specify a different storage class with a different SDR value. This error can also occur if most of the volumes in the class exceed an allocation threshold (typically 85%), and there are not as many remaining volumes as the desired number of stripes. In this case, SMS allocates the data set with a lesser number of stripes.

Action:

Contact your storage administrator. Verify that the chosen storage class has the appropriate SDR value and that it is not over-allocated.

Module:

TGAALLOC

TGRALL002E

**(&task) Data set &dsname
(&task) Target track count (&tgt) is less than source (&src)**

Reason:

When a sequential data set was copied, the target data set did not have as many tracks as the source, making it impossible to copy all the data into the copy data set. The copy operation failed.

- &task is the number of the allocation task. This number can be used to correlate the messages for a given allocation task.
- &tgt is the target track count.
- &src is the source track count.

Action:

Contact CA technical support for assistance.

Module:

TGAALLOC

TGRALS001E

**(&task) Error allocating &dsname
(&task) RC: &rc ERROR/INFO codes: &errinfo SMS reason code: &sms**

Reason:

A dynamic allocation error occurred while allocating a copy of a sequential data set.

- &task is the number of the allocation task. This number can be used to correlate the messages for a given allocation task.
- &rc is the return code from dynamic allocation.
- &errinfo is the error information code from dynamic allocation.
- &sms is the SMS reason code from dynamic allocation.

Dynamic allocation codes are documented in the *IBM MVS Programming: Authorized Assembler Services Guide*.

Action:

Contact CA technical support for assistance.

Module:

TGAALSEQ

TGRALS002I

(&task) Desired tracks: &dtrks Initial tracks: &itrks

Reason:

This diagnostic message records the progress of sequential data set extension. It appears only when enabled at the request of CA technical support.

- &task is the number of the allocation task. This number can be used to correlate the messages for a given allocation task.
- &dtrks is the desired number of tracks for the data set.
- &itrks is the number of tracks in the initial allocation.

Action:

No action is required.

Module:

TGAALSEQ

TGRALS003E

(&task) EOV error, R15 = &r15, R0 = &r0, R1 = &r1

Reason:

An error occurred during EOV processing for a sequential data set.

- &task is the number of the allocation task. This number can be used to correlate the messages for a given allocation task.
- &r15 is the value returned in register 15 by the EOV SVC.
- &r0 is the value returned in register 0 by the EOV SVC.
- &r1 is the value returned in register 1 by the EOV SVC.

Action:

Contact CA technical support for assistance.

Module:

TGAALSEQ

TGRALS004I

(&task) Desired tracks: &dtrks Current tracks: &ctrks

Reason:

This diagnostic message records the progress of sequential data set extension. It appears only when enabled at the request of CA technical support.

- &task is the number of the allocation task. This number can be used to correlate the messages for a given allocation task.
- &dtrks is the desired number of tracks for the data set.
- &ctrks is the number of tracks in the current allocation.

Action:

No action is required.

Module:

TGAALSEQ

TGRALS005E

(&task) Error freeing &dsname, Ddname &ddname

(&task) RC: &rc ERROR/INFO codes: &errinfo SMS

reason code &sms

Reason:

A dynamic allocation error occurred when a copy of a sequential data set was being freed.

- &task is the number of the allocation task. This number can be used to correlate the messages for a given allocation task.
- &rc is the return code from dynamic allocation.
- &errinfo is the error or information code from dynamic allocation.
- &sms is the SMS reason code from dynamic allocation.

Dynamic allocation codes are documented in the *IBM MVS Programming: Authorized Assembler Services Guide*.

Action:

Contact CA technical support for assistance.

Module:

TGAALSEQ

TGRALS006E

(&task) &ddname DD failed to open for data set &dsname

Reason:

An error occurred when a sequential data set was opened during extend processing.

- &task is the number of the allocation task. This number can be used to correlate the messages for a given allocation task.
- &ddname is the ddname that was being opened.
- &dsname is the name of the data set that was being opened.

Action:

Contact CA technical support for assistance. Report any IEC130I or IEC141I messages in the job log.

Module:

TGAALSEQ

TGRALS007E

(&task) Error allocating &dsname

(&task) Duplicate data set name

Reason:

An error occurred when the copy of a sequential data set was allocated. A data set with the same name already exists.

- &task is the number of the allocation task. This number can be used to correlate the messages for a given allocation task.
- &dsname is the name of the data set being allocated.

Action:

Verify that the high-level qualifier for data set copies is properly specified. For Database Copier, check the values specified for ICPREFIX, ICPREFIXONLY, and TARGETMASK.

Module:

TGAALSEQ

TGRALS008E

**(&task) Error allocating &dsname
(&task) Not authorized for volume**

Reason:

An error occurred when the copy of a sequential data set was allocated. The user ID under which the job is running is not authorized to allocate on the volume selected by SMS.

- &task is the number of the allocation task. This number can be used to correlate the messages for a given allocation task.
- &dsname is the name of the data set being allocated.

Snapshot General Services allocates the copy data set in the same SMS storage class as the original data set, unless this is overridden by a DSNGROUP statement in the Snapshot General Services initialization parameters. The user ID under which the job runs must have allocate authority on the volumes in the SMS storage group associated with that storage class.

Action:

Verify that the user ID under which the job runs has allocate authority on the volumes in the chosen storage group. Because the storage group for a storage class is determined by the SMS ACS (Automatic Class Selection) routines, you may have to consult with your storage administrator to determine the storage group that is involved.

Module:

TGAALSEQ

TGRALS009E

(&task) Data set &dsname
(&task) UCBLOOK error, R15 = &r15

Reason:

An error occurred when the system UCBLOOK function was issued to locate a Unit Control Block. The copy operation could not be completed.

- &task is the number of the allocation task. This number can be used to correlate the messages for a given allocation task.
- &dsname is the data set that was being processed at the time of error.
- &r15 is the return code from the UCBLOOK service.

Action:

Contact CA technical support for assistance.

Module:

TGAALSEQ

TGRALS010E

(&task) Data set &dsname
(&task) LOCATE error, R15 = &r15, R0 = &r0

Reason:

An error occurred when a LOCATE was issued to find a data set in the system catalog. The copy operation could not be completed.

- &task is the number of the allocation task. This number can be used to correlate the messages for a given allocation task.
- &dsname is the data set that was being looked for.
- &r15 is the return code from the LOCATE service.
- &r0 is the reason code from the LOCATE service.

Action:

Contact CA technical support for assistance.

Module:

TGAALSEQ

TGRALS012I**(&task) Sequential allocation task &task has started****Reason:**

A sequential copy task has started. This message appears only when a //TGRTIMER DD DUMMY statement is present in the JCL.

&task is the number of the allocation task. This number can be used to correlate the messages for a given allocation task.

Action:

No action is required.

Module:

TGAALSEQ

TGRALV002E**(&task) CONNECT error, R15 = &rc, R0 = &rsn, DDNAME = &ddname****Reason:**

A Media Manager error occurred while a VSAM target data set was being opened. The copy operation could not be completed.

- &task is the number of the allocation task. This number can be used to correlate the messages for a given allocation task.
- &rc is the return code from the Media Manager.
- &rsn is the reason code from the Media Manager.
- &ddname is the ddname that was being processed at the time of the error.

Action:

Contact CA technical support for assistance.

Module:

TGAALVSM

TGRALV003E

(&task) EXTEND error, R15 = &rc, R0 = &rsn, DDNAME = &ddname

Reason:

A Media Manager error occurred while a VSAM target data set was being extended. The copy operation could not be completed.

- &task is the number of the allocation task. This number can be used to correlate the messages for a given allocation task.
- &rc is the return code from the Media Manager.
- &rsn is the reason code from the Media Manager.
- &ddname is the ddname that was being processed at the time of the error.

Action:

Contact CA technical support for assistance.

Module:

TGAALVSM

TGRALV004E

(&task) DISCONNECT error, R15 = &rc, R0 = &rsn, DDNAME = &ddname

Reason:

A Media Manager error occurred while a VSAM target data set was being closed. The copy operation could not be completed.

- &task is the number of the allocation task. This number can be used to correlate the messages for a given allocation task.
- &rc is the return code from the Media Manager.
- &rsn is the reason code from the Media Manager.
- &ddname is the ddname that was being processed at the time of the error.

Action:

Contact CA technical support for assistance.

Module:

TGAALVSM

TGRALV006I**(&task) Allocation task &task has started****Reason:**

A copy task has started. This message appears only if a //TGRTIMER DD DUMMY statement is present in the JCL.

&task is the number of the allocation task. This number can be used to correlate the messages for a given allocation task.

Action:

No action is required.

Module:

TGAALVSM

TGRALV012I**(&task) &comp: Desired high RBA: &drba Current high RBA: &crba****Reason:**

This diagnostic message appears only when it is enabled at the request of CA technical support. It appears during extension of a VSAM target data set.

- &task is the number of the allocation task. This number can be used to correlate the messages for a given allocation task.
- &comp is the component type (data or index).
- &drba is the desired high Relative Block Address.
- &crba is the current high Relative Block Address.

Action:

No action is required.

Module:

TGAALVSM

TGRALV013I

(&task) RBA is Relative *Block* Address for &blksize byte blocks

Reason:

This diagnostic message is a reminder that the RBA is specified in blocks, rather than bytes. It occurs only when the TGRALV012I message is enabled.

- &task is the number of the allocation task. This number can be used to correlate the messages for a given allocation task.
- &blksize is the block size used in calculating the Relative Block Address.

Action:

No action is required.

Module:

TGAALVSM

TGRALV017E

**(&task) Data set &dsname (&comp)
(&task) LOCATE error, R15 = &r15, R0 = &r0**

Reason:

An error occurred when LOCATE was issued to find a data set in the system catalog. The copy operation could not be completed.

- &task is the number of the allocation task. This number can be used to correlate the messages for a given allocation task.
- &dsname is the data set that was being looked for.
- &comp is the component type (data or index).

Action:

Contact CA technical support for assistance.

Module:

TGAALVSM

TGRALV018E

**(&task) Data set &dsname (&comp)
(&task) UCBLOOK error, R15 = &r15**

Reason:

An error occurred when the system UCBLOOK function was issued to locate a Unit Control Block. The copy operation could not be completed.

- &task is the number of the allocation task. This number can be used to correlate the messages for a given allocation task.
- &dsname is the data set that was being processed at the time of error.
- &comp is the component type (data or index).
- &r15 is the return code from the UCBLOOK service.

Action:

Contact CA technical support for assistance.

Module:

TGAALVSM

TGRALV019E

TGRALV019E (&task) &msg

Reason:

This message displays IDCAMS messages that are issued during data set allocation processing.

- &task is the number of the allocation task. This number can be used to correlate the messages for a given allocation task.
- &msg is the message from IDCAMS.

Action:

If the copy operation ends successfully, ignore these messages. If the copy operation fails, contact CA technical support for assistance and report these messages.

Module:

TGAALVSM

TGRALV020I

(&task) Duplicate messages suppressed: &num

Reason:

This message indicates that the identical message was issued by IDCAMS multiple times in a row. The first message was displayed by the TGRALV019I message. Subsequent messages were suppressed.

&task

Identifies the number of the allocation task. This number can be used to correlate the messages for a given allocation task.

&num

Identifies the number of messages that were suppressed.

Action:

None.

Module:

TGAALVSM

TGRCAT001W

**Data set &dsname was skipped
Entry type &enttype is not supported**

Reason:

A data set specified (or included in a mask specified) on a Snapshot General Services request is a type that is not supported by Snapshot General Services. The data set is skipped. This is usually not a problem for masked requests. The data set is usually the data or index component of a VSAM cluster, and will be picked up when the cluster itself is processed.

Action:

None.

Module:

TGALCAT

TGRCAT002E**No dsname or ddname was provided for request****Reason:**

A Snapshot General Services request lacks a specified data set name or a DD name. The request failed.

Action:

Correct the request, and re-run.

Module:

TGALCAT

TGRCAT003E**Ddname &ddname was not found****Reason:**

A DD name specified on a Snapshot General Services request could not be found in the TIOT. The request was failed.

Action:

Ensure the DD name is allocated, and re-run the request.

Module:

TGALCAT

TGRCAT004E**Unable to allocate TFCB storage****Reason:**

An error occurred allocating a File Control Block for a Snapshot General Services request. The request was failed. This is typically a Snapshot General Services internal error.

Action:

Re-run the request.

Module:

TGALCAT

TGRCAT005E

Data set *&dsname* was not found in catalog

Reason:

A data set name specified on a Snapshot General Services request could not be found in the catalog. The request was failed.

Action:

Correct the request and re-run.

Module:

TGALCAT

TGRCAT006E

**Data set *&dsname* is migrated
RECALL=NO was specified**

Reason:

A data set specified on a Snapshot General Services was migrated. Snapshot General Services cannot currently recall migrated data sets. The request was failed.

Action:

Ensure that the data set is not migrated, then re-run the request.

Module:

TGALCAT

TGRCAT007E

Error allocating *&dsname* RC: *&rc* ERROR/INFO codes: *&codes* SMS Reason: *&rsn*

Reason:

A data set could not be dynamically allocated. The request was failed. The return code given in this message is the return code from dynamic allocation. The codes given in this message contain the error (left two bytes) and info (right two bytes) codes from dynamic allocation. The reason given in this message is the SMS reason code from dynamic allocation.

Action:

Proceed according to the reasons given in the error messages.

Module:

TGALCAT

TGRCAT008E

Recall of migrated *&dsname* failed

Reason:

A data set specified on a Snapshot General Services request was migrated. Snapshot General Services attempted to recall the data set, but the recall failed.

Module:

TGALCAT

TGRCAT009E

**Catalog error for *&dsname*
PTASVC26 return code is *&retcode***

Reason:

An error occurred looking up a data set specified in a Snapshot General Services request in the catalog. The request was failed. The *dsname* in this message is the name of the data set in error. The *retcode* in this message is the return code from PTASVC26.

Module:

TGALCAT

TGRCAT010E

Catalog error for *&dsname*
Data set has no DATA association

Reason:

A VSAM cluster specified on a Snapshot General Services request did not have a DATA component. The request was failed. The data set name given in this message is the name of the data set in error.

Module:

TGALCAT

TGRCAT011E

Data set *&dsname* has type (VSAM/non-VSAM)
Inconsistent with previous members of concatenation

Reason:

Several data sets were selected by a data set mask on a Snapshot General Services request. These data sets are processed as if they were a concatenation. This particular data set had a different type (VSAM versus non-VSAM) from the previous members of the concatenation. Dissimilar data sets cannot be concatenated. The request was failed. The data set name give in this message is the data set in error.

Action:

Ensure that all data sets selected by the data set mask are VSAM or non-VSAM.

Module:

TGALCAT

TGRCAT012E

Data set *&dsname* is not a VSAM cluster
Non-VSAM data sets are not currently supported

Reason:

A data set specified on a Snapshot General Services request was a non-VSAM data set. Non-VSAM data sets are not supported by the initial release of Snapshot General Services. The request was failed. The data set name given in this message is the data set in error.

Action:

Ensure the data set specified is a VSAM data set.

Module:

TGALCAT

TGRCAT013E

VsamData error for *&dsname*
PTASVC26 return code is *&retcode*

Reason:

An error occurred looking up a data set specified in a Snapshot General Services request in the catalog. The request was failed. The data set name given in this message is the data set in error. The return code given in this message is the return code from PTASVC26.

Module:

TGALCAT

TGRCAT014E

UCB not found for data set *&dsname*,
Volume *&volser*, findUCB return code is *&retcode*

Reason:

An error occurred finding the Unit Control Block (UCB) for a data set specified on a Snapshot General Services request. The data set name given in this message is the data set in error. The volume name given in this message is the volume whose UCB could not be found. The return code given in this message is from the FindUCB routine.

Module:

TGALCAT.

TGRCAT015E

**DEVTYPE failed for data set *&dsname*,
Volume *&volser*, Return code is *&retcode***

Reason:

The DEVTYPE service returned an error for a data set specified on a Snapshot General Services request. The data set name given in this message is the data set in error. The volume name give in this message is the volume in error. The return code given in this message is the return code from the DEVTYPE service.

Module:

TGALCAT

TGRCAT016E

Error in *&function*, R15 = *&r15*, Input mask = *&mask*

Reason:

An error occurred building an internal mask for data set selection.

The function name given in this message is the function that was in process at the time of error:

- **#TPATBLD INIT**-Initializing pattern build area
- **#TPATBLD ISR**-Inserting data set node

The *&r15* value is the return code from #TPATBLD.

The mask name is data set selection that was being processed at the time of error.

Module:

TGALCAT

TGRCAT019W

Data set *&dsname* was not found in catalog

Reason:

An optional data set (*&dsname*) was ignored because it could not be found in the catalog.

&dsname

Identifies the name of the data set that could not be found.

Reason:

None.

Module:

TGALCAT

TGRCBD001W

**Message class code invalid for: *&class* (*&code*)
Associated messages are assigned default properties**

Reason:

During the building of the global message class table, a class was encountered that had an invalid code specified for it. The code must be an uppercase letter, A-Z, or blank for the default entry. This is probably an error in the TGAMFCLS module.

The class name given in this message is the name of the message class and *&code* is the invalid class code.

Any messages issued with this class code will use the properties of the default entry.

Module:

TGAMFCBD

TGRCBD002W

Message class conflicts with prior definition for: *&class* (*&code*)
Associated messages are assigned default properties

Reason:

During the building of the global message class table, a class was encountered that used a code that was already in use. This is probably an error in the TGAMFCLS module. *&class* is the name of the message class and *&code* is the invalid class code.

Any messages issued with this class code will use the properties of the default entry.

Module:

TGAMFCBD

TGRCKE001E

UCBSCAN error scanning for EMC EAV devices, R15 = *&rc*, R0 = *&rs*

Reason:

Snapshot General Services initialization encountered an error from UCBSCAN while checking for EMC extended address volume (EAV) devices.

&rc

Identifies the return code from UCBSCAN.

&rs

Identifies the reason code from UCBSCAN.

Action:

Contact CA Support and provide the message number, return code, and reason code.

Module:

TGACKEMC

TGRCKE002E

UCBINFO GETCDR error scanning for EMC EAV devices, R15 = *&rc*, R0 = *&rs*

Reason:

Snapshot General Services initialization encountered an error from UCBINFO while checking for EMC extended address volume (EAV) devices.

&rc

Identifies the return code from UCBINFO.

&rs

Identifies the reason code from UCBINFO.

Action:

Contact CA Support and provide the message number, return code, and reason code.

Module:

TGACKEMC

TGRDFR001E

**Error freeing input data set: *&dsname* RC: *&rc* ERROR/INFO codes: *&codes* SMS
Reason: *&rsn***

An error was encountered while freeing an input data set for a FLASH requests. *&dsname* is the name of the input data set. *&rc* is the return code from dynamic allocation. *&codes* contains the error (left two bytes) and info (right two bytes) codes from dynamic allocation. *&reason* is the SMS reason code from dynamic allocation.

Module:

TGADFREE

TGRDUV001E

No dsname was specified in the JCL parameter

Reason:

TGLDUMPV was invoked without specifying a data set. The TGLDUMPV run was terminated.

Action:

Modify the JCL parameter to specify the name of the data set whose VVRs are to be dumped.

Module:

TGADUMPV

TGRDUV002E

Dsname length (*&len*) is more than 44 characters

Reason:

The data set name that was specified in the JCL parameter for TGLDUMPV exceeded 44 characters. The TGLDUMPV run was terminated.

&len is the length of the specified data set name.

Action:

Specify a data set name that does not exceed 44 characters.

Module:

TGADUMPV

TGRDUV003E

TIGER error, RC = &rc, Rs = &rs

Reason:

An error occurred when the Snapshot General Services SETUPONLY function was performed for the data set to be dumped.

- &rc is the return code from Snapshot General Services.
- &rs is the reason code from Snapshot General Services.

Action:

Contact CA technical support for assistance.

Module:

TGADUMPV

TGREMC001E

EMC SymmAPI call failed: R15 = r15, RC = rc, RSN = rsn

Reason:

The EMC SymmAPI routine was called to obtain device information about an EMC device. The routine returned a non-zero return code. &r15 is the value returned in register 15. &rc is the return code. &rsn is the reason code.

Module:

TGAVIEMC

TGREMC002E

EMCSCF started task must be running for copies on EMC devices

Reason:

The EMCSCF started task is not running. EMCSCF is distributed with the EMC ResourcePak Base for z/OS product. This is included with the TimeFinder Product Set and can also be ordered separately. EMCSCF must be installed and running before FlashCopies of data sets on EMC DASD may be performed.

Action:

Ensure that EMCSCF is installed and running. Note that the jobname for EMCSCF may be something other than EMCSCF, depending on how it is installed at your site.

For more information about installing EMCSCF, refer to the *EMC ResourcePak Base Product Guide*.

Module:

TGAVIEMC

TGREMC003E

Error loading EMCSAI, R1 = r1val, R15 = r15val

Reason:

The EMC EMCSAI module could not be loaded.

r1val

Identifies the ABEND code that would have been received had the LOAD error not been intercepted.

r15val

Identifies the reason code that goes with the ABEND code in r1val. If r1val is 00000806, make sure that the EMC Resource Pack Base Load library is in the STEPLIB for the job step, or is available in the link list.

The error occurred in module TGAVIEMC.

TGREMT001E

Error loading SAICALL, R1 = *r1val*, R15 = *r15val*

Reason:

The EMC SAICALL module could not be loaded.

r1val

Identifies the ABEND code that would have been received had the LOAD error not been intercepted.

r15val

Identifies the reason code that goes with the ABEND code in *r1val*. If *r1val* is 00000806, make sure that the EMC Resource Pack Base load library is in the STEPLIB for the job step, or is available in the link list.

The error occurred in module TGAVTEMC.

TGREMT002E

Error calling SAICALL, R15 = *r15val*, R0 = *r0val*, R1 = *r1val*

Reason:

An error occurred calling the EMC SAICALL module.

r15val

Identifies the value that SAICALL returned in register 15.

r0val

Identifies the value that SAICALL returned in register 0.

r1val

Identifies the value that SAICALL returned in register 1.

The error occurred in module TGAVTEMC.

TGREMT003I

EMC source volume *volser*, Device number *devno*,
Physical address *addr*

Reason:

Indicates an EMC volume was used as a source volume for one or more copy operations in this job step.

- *volser*-The volume serial number of the volume.
- *devno*-The device number (channel address) of the unit the volume is on.
- *addr*-The Symmetrix physical address of the device.

Action:

None.

Module:

TGAVTEMC

TGREMT005I

BCVHOLD was already reset

Reason:

This message indicates that the BCVHOLD could not be released on the volume identified by the previous TGREMT003I or TGREMT009I message, because it had already been released, or the volume was not currently held.

Action:

None.

Module:

TGAVTEMC

TGREMT006I

Device has active sessions

Reason:

The BCVHOLD on an EMC Symmetrix volume could not be released, because there are active sessions with the device.

The error occurred in module TGAVTEMC.

TGREMT007E**UCB for volume *volser* was not found****Reason:**

Snapshot General Services attempted to look up the Unit Control Block (UCB) for an EMC volume, but could not find it. This could happen if the device was forced offline in the middle of a copy operation.

volser

Identifies the volume serial number of the volume that could not be found.

Module: TGAVTEMC

TGREMT008E**UCB lookup service not supported, for volume *volser*****Reason:**

Snapshot General Services attempted to look up the Unit Control Block (UCB) for an EMC volume, but the operating system did not support the UCB lookup service. This is a quite unexpected situation.

volser

Identifies the volume serial number of the volume that Snapshot General Services was attempting to look up.

Module: TGAVTEMC

TGREMT009I**EMC target volume *volser*, Device number *devno*, Physical address *addr*****Reason:**

This message indicates that an EMC volume was used as a target volume for one or more copy operations in this job step.

- ***volser***- is the volume serial number of the volume.
- ***devno***- is the device number (channel address) of the unit the volume is on.
- ***addr***- is the Symmetrix physical address of the device.

Action:

None.

Module:

TGAVTEMC

TGREMT010I

BCVHOLD has been reset

Reason:

BCVHOLD status has been reset on the EMC volume identified by the prior TGREMT003I or TGREMT009I message.

Action:

None.

Module:

TGAVTEMC

TGREMX001E

Not all devices support File-level TimeFinder

Reason:

The primary volume for a data set was on an EMC device. not all secondary volumes were EMC devices, or one or more of them did not have File-level TimeFinder support available.

Action:

Contact your local data administrator.

Module:

TGAVCEMC

TGREMX002I

&text

Reason:

This message reports a message returned from EMC File-level TimeFinder support code. *&text* is the text of the message returned by EMC File-Level TimeFinder code.

Action:

Unless errors are reported, no action is required.

Module:

TGAVCEMC

TGREMX003E**Error in EMCSNAPI, R15 = rc****Reason:**

An error occurred in the EMCSNAPI module where *rc* is the decimal return code from EMCSNAPI.

These return codes are documented in the EMC EMCSAIO macro.

Module: TGAVCEMC

TGREMX004E**Error loading EMCSNAPI, R1 = r1, R15 = r15****Reason:**

Snapshot General Services was unable to load the EMCSNAPI module.

r1

Identifies the ABEND code from the LOAD SVC.

r15

Identifies the reason code from LOAD.

If *r1* is 00000806 and *r15* is 4, this indicates that the EMCSNAPI module could not be found. Make sure the EMC Resource Pack Base library containing EMCSNAPI is available in the link list, or in a STEPLIB to the Snapshot General Services job.

Action:

For other values of *r1* and *r15*, see the documentation for the LOAD SVC.

Module: TGAVCEMC

TGREMX005E**Error *error* parsing EMC volume information****Reason:**

An error occurred while Snapshot General Services was parsing EMC volume information. This message is followed by a TGREMX006I message that displays the string that was being parsed at the time of error.

error

Identifies the internal error number from the TGAVCEMC module.

Module: TGAVCEMC

TGREMX006I

String: *string*

Reason:

This message follows a TGREMX005E message, and displays the text string that was being parsed when the error occurred.

string-The text string that was being parsed at the time of error.

Action:

See the TGREMX005E message for actions.

Module:

TGAVCEMC

TGREMX007I

Source volume: *svolser* **SymmID:** *ssymmid* **Target volume:** *tvolser* **SymmID:** *tsymmid*

Reason:

This message displays the source and target volumes for an EMC TimeFinder copy operation.

- *svolser*-The volume serial number of the source volume.
- *ssymmid*-The Symmetrix physical address of the source volume.
- *tvolser* -The volume serial number of the target volume.
- *tsymmid*-The Symmetrix physical address of the target volume.

Action:

None.

Module:

TGAVCEMC

TGREST001I**Percolated abend, dump suppressed****Reason:**

An abend occurred within Snapshot General Services while API caller ESTAE protection was in effect. The dump that API recovery would typically generate was suppressed by the dump generated by Snapshot General Services recovery.

Action:

None. Refer to the messages associated with the previous dump.

Module:

TGAESTAE

TGREST002I**Recursive abend, percolating****Reason:**

An abend occurred within the Snapshot General Services recovery routines, while the preceding abend of the API caller was being processed. Snapshot General Services recovery processing was terminated, and the abend was given to MVS to handle. FlashCopy data sets that the API caller created may not be deleted and the FlashCopy relationships may not be removed from the devices.

Action:

Contact CA Support.

Module:

TGAESTAE

TGREXI001E

Target data set *&dsname* already exists

Reason:

The target data set of a copy operation already exists, and REUSE=N was specified for the copy operation.

For CA Quick Copy, REUSE=N is specified when the SSCOPYOPT parameter in the UTIL parmlib member is set to YES. This option indicates that copies are registered into the SYSIBM.SYSCOPY catalog.

&dsname

Identifies the name of the target data set.

Action:

Determine why the target data set exists. To successfully complete the copy operation, verify that the data set is not needed and delete it.

Module:

TGAEXIST

TGRF2C001I

(*&task*) Copy task *&task* has started

Reason:

A copy task has started. This message appears only when a //TGRTIMER DD DUMMY statement is present in the JCL.

&task

Identifies the number of the copy task. This number can be used to correlate the messages for a given copy task.

Action:

None.

Module:

TGAF2CPY

TGRF2C002E

(&task) ANTRQST error scheduling copy request; RC = &rc, RS = &rs

Reason:

An error occurred when a point-in-time copy was scheduled with the System Data Mover. The copy operation failed.

&task

Identifies the number of the copy task. This number can be used to correlate the messages for a given copy task.

&rc

Identifies the return code from ANTRQST.

&rs

Identifies the reason code from ANTRQST.

Note: For the explanation of return and reason codes from ANTRQST, see the IBM *MVS System Messages Vol. 1 (ABA-AOM)*.

Action:

Contact CA Support for assistance.

Module:

TGAF2CPY

TGRF2C003E

(&task) ANTRQST error executing copy request; RC = &rc, RS = &rs

Reason:

The System Data Mover encountered an error while executing a point-in-time copy request. The copy operation failed.

&task

Identifies the number of the copy task. This number can be used to correlate the messages for a given copy task.

&rc

Identifies the return code from ANTRQST.

&rs

Identifies the reason code from ANTRQST.

Note: For the explanation of return and reason codes from ANTRQST, see the IBM *MVS System Messages Vol. 1 (ABA-AOM)*.

Action:

Contact CA Support for assistance.

Module:

TGAF2CPY

TGRF2C004E

(&task) ANTRQST msg returned = ANTF0&msg

Reason:

This message displays the error message returned by the System Data Mover. TGRF2C002E or TGRF2C003E message precede this message.

&task

Identifies the number of the copy task. This number can be used to correlate the messages for a given copy task.

&msg

Identifies the message returned by ANTRQST. The message ID begins with ANTF0.

Note: For the description of messages from ANTRQST, see the IBM *MVS System Messages Vol. 1 (ABA-AOM)*.

Action:

Contact CA Support for assistance.

Module:

TGAF2CPY

TGRF2D001I

(&task) Delete task &task has started

Reason:

This message indicates that a delete task has started.

&task

Indicates the number of the task.

Action:

None.

Module: TGAF2DEL

TGRF2D002E

(&task) Error allocating **&dsname** for deletion

RC: &rc ERROR/INFO codes: **&codes** SMS Reason: **&rsn**

Reason:

Snapshot General Services cannot allocate a flash or snapshot data set copy. The data set copy is not deleted.

&task

Indicates the task number of the delete task.

&dsname

Indicates the name of the data set.

&rc

Indicates the return code from dynamic allocation.

&codes

Indicates the error code (left two bytes) and info code (right two bytes) from dynamic allocation.

&rsn

Indicates the SMS reason code from dynamic allocation.

Action:

Contact CA Support

Module: TGAF2DEL

TGRF2D003E

**(&task) Error allocating &dsname for deletion
Data set was not found**

Reason:

Snapshot General Services cannot find and delete a copy or old backup data set that was no longer needed. The data set was probably deleted outside of Snapshot General Services.

&task

Indicates the task number of the delete task.

&dsname

Indicates the name of the data set.

Action:

None.

Module: TGAF2DEL

TGRF2D004I

(&task) &type file &dsname deleted

Reason:

Snapshot General Services deleted a copy or old backup data set during the cleanup at the end of a copy operation.

&task

Indicates the task number of the delete task.

&type

Indicates the type of the data set (copy or backup).

&dsname

Indicates the name of the data set.

Action:

None.

Module: TGAF2DEL

TGRF2K001E

Error in FlashCopy query for device &dev
R15 = &rc, RSN = &rsn, RETINFO = &ri

Reason:

The System Data Mover encountered an error while querying the status of a CA Quick Copy SNAPSHOTACCESS INSTANT or CA Database Copier for IMS FLASHIC=YES copy operation.

&rc

Identifies the return code from the ANTRQST service.

&rsn

Identifies the reason code from the ANTRQST service.

&ri

Identifies detailed information from ANTRQST about the request.

Note: For the description of return and reason codes from ANTRQST, see the IBM *MVS System Messages Vol. 1 (ABA-AOM)*.

Action:

Contact CA Support.

Module:

TGAF2CHK

TGRF2K002E

ANTRQST msg returned = &msg

Reason:

This message displays the error message returned by the System Data Mover. It is preceded by a TGRF2K001E message.

&msg is the message returned by ANTRQST. It has a message ID that begins with ANTF0.

Messages from ANTRQST are documented in the IBM *MVS System Messages Vol. 1 (ABA-AOM)*.

Action:

Contact CA technical support.

Module:

TGAF2CHK

TGRF2K003I

&typ FC2 Copy Status at &time: &pct% done

Reason:

This message is issued for a CA Quick Copy SNAPSHOTACCESS INSTANT or CA Database Copier for IMS FLASHIC=YES copy operation to display the progress of the physical copy.

&typ

Identifies the type of device:

- FC2—FlashCopy II
- EMC—EMC

If devices of both types are involved in the copy operation, a separate message is issued for each type.

&time

Identifies the time the message was issued, in the following form:

hh:mm:ss.th

- hh (hours)
- mm (minutes)
- ss (seconds)
- th (milliseconds)

&pct

Identifies the percent of the copy operation that has been completed, from 0 to 100 percent.

This message is issued only when a //TGRDEBUG DD DUMMY JCL statement is present in the job step. When this statement is present the message is issued every time the copy status is checked. The STATINTV operand on the OPTIONS statement specifies how often the check is performed.

Note: For more information about the OPTIONS statement and the Snapshot General Services Initialization parameters, see the *CA Quick Copy User Guide*.

Action:

None.

Module:

TGAF2CHK

TGRF2K004I

FC2 &svol &slocch &shicch > &tvol &tlocch &thicch / &tracks

Reason:

This message is issued for a CA Quick Copy SNAPSHOTACCESS INSTANT or CA Database Copier for IMS FLASHIC=YES copy operation to display the progress of the physical copy.

&svol

Identifies the volume serial number of the source volume.

&slocch

Identifies the low CCH address of the source extent.

&shicch

Identifies the high CCH address of the source extent.

&tvol

Identifies the volume serial number of the target volume.

&tlocch

Identifies the low CCH address of the target extent.

&thicch

Identifies the high CCH address of the target extent.

&tracks

Identifies the number of tracks (decimal) remaining to be copied for the extent.

This message follows the TGRF2K003I message, and is issued only when //TGRDEBUG DD DUMMY and //TGRDTAIL DD DUMMY JCL statements are present in the job step.

Action:

None.

Module:

TGAF2CHK

TGRF2K005I

Data set *&dsn*: *&pct*% done

Reason:

This message is issued for a CA Quick Copy SNAPSHOTACCESS INSTANT or CA Database Copier for IMS FLASHIC=YES copy operation to display the progress of the physical copy.

&dsn

Identifies the name of one of the data sets being copied.

&pct

Identifies the percent of the copy operation that has been completed for that data set, from 0 to 100 percent.

This message follows the TGRF2K003I message, and is issued only when //TGRDEBUG DD DUMMY and //TGRDTAIL DD DUMMY JCL statements are present in the job step.

Action:

None.

Module:

TGAF2CHK

TGRFDE003I

Data set copy *&dsname* has been deleted

Reason:

A Snapshot General Services FLASH operation specified DISP=DELETE. When the thread was closed, the flash/shapshot copy was deleted. *&dsname* is the name of the copy data set that was deleted.

Action:

None.

Module:

TGAFDELE

TGRFDE004I

<text>

Reason:

Displays the text of a message returned by the IDCAMS utility.

Action:

For more information, refer to IBM message documentation using the message ID (IDCxxxx) found in the message text.

Module:

TGAFDELE

TGRFDE005E

Error deleting <dsname>, RC: <return-code>

Reason:

An error occurred while deleting a copy file on a Shark volume. The dsname is the name of the data set that was being deleted and the return-code is the return code from the IDCAMS utility.

Module:

TGAFDELE

TGRFDE008I

Deleting copy data sets: *&copy*, old backups: *&backup*
Delete tasks: *&numtasks*

Reason:

Snapshot General Services is deleting data sets to clean up at the end of a COPY operation.

&copy

Specifies the number of deleted copy data sets. Copy data sets are intermediate copies that are made during a COPY operation with SNAPSHOTACCESS YES. After the final copy is made, these data sets are no longer needed and Snapshot General Services deletes them.

&backup

Specifies the number of old backup data sets being deleted. When a COPY is done with SNAPSHOTACCESS INSTANT, Snapshot General Services deletes the old backup data sets as soon as the new copy is complete.

&numtasks

Specifies the number of tasks that are used to delete the data sets. Snapshot General Services uses one task per one data set to be deleted. The maximum number of parallel delete tasks Snapshot General Services can perform is specified by the MAXDTASK value in Snapshot General Services initialization parameters.

Action:

None.

Module: TGAFDELE

TGRFDE009I

All delete tasks have completed

Reason:

All of the delete tasks for a COPY operation have completed.

Action:

None.

Module: TGAFDELE

TGRFDE010E

Error attaching delete task *&tasknum*, R15 = *&rc*

Reason:

An error occurred while a delete task was being attached.

&tasknum

Indicates the number of the delete task.

&rc

The return code from the ATTACH service.

Action:

Contact CA Support

Module: TGAFDELE

TGRFDE011E

(*&task*) ARC: *&arc*, TRC: *&trc*, Duration: *&dur*, Count: *&num*

Reason:

This message indicates the completion status of each task. It follows the TGRFDE009I message.

&task

Indicates the task number of the delete task.

&arc

The return code from the ATTACH service. If the return code is 0, the task was successfully attached.

&trc

The return code from the delete task. If the return code is 0, no errors occurred in the task.

&dur

Indicates the duration of the task in the following format:

hh:mm:ss.tttttt.

&num

Indicates the number of data sets that were processed by the task.

Action:

None.

Module: TGAVAIBM

TGRFDE012E**Error locating CDE for load module *&modname* setup****Reason:**

An error occurred when locating the Contents Directory Entry (CDE) for the module that was being attached for a delete task.

&modname

Indicates the name of the module that cannot be found.

Action:

Contact CA Support

Module: TGAFDELE

TGRFLA001W**Flash/Snapshot copy is not available for *&dsname*****Reason:**

A flash or snapshot copy was requested for a data set (*&dsname*), but one or more of the data set's devices do not support this feature.

Action:

Contact your local data administrator for assistance.

Module:

TGAFLASH

TGRFLA002W

&k out of &n devices do not support Flash/Snapshot copy

Reason:

This message follows the TGRFLA001W message and indicates how many of the data set's devices did not support flash or snapshot copy operations.

&k

Identifies the number of devices that do not support flash or snapshot copy.

&n

Identifies the total number of devices for the data set.

Action:

Contact your local data administrator for assistance.

Module:

TGAFLASH

TGRFLA003E

Source and target dsnames equal for &dsname Copy was skipped

Reason:

The name of the copy data set generated by the target data set name map was the same as the source data set name. The copy request failed.

&dsname

Identifies the name of the data set.

This can occur when the source data set name mask and the target data set name map cause a data set to get copied to itself. For example:

Source mask:	D61D.DSNDBC.LG6DD.%.%
Target map:	**,I*,*
Source data set name:	D61D.DSNDBC.LG6DD.I0001.A001
Target data set name:	D61D.DSNDBC.LG6DD.I0001.A001

The source and target names are the same.

This can also occur when the source mask includes the target data set name, and a system failure prevented a previous run from deleting its copy data sets. For example:

```
Source mask:          D61D.DSNDBC.LG6DD.%.%
Target map:          **.Z*. *
Source data set name: D61D.DSNDBC.LG6DD.I0001.A001
Target data set name: D61D.DSNDBC.LG6DD.Z0001.A001
```

If the target data set was not deleted, and the job was rerun, it would try to copy D61D.DSNDBC.LG6DD.Z0001.A001 to itself.

Action:

When the source data set name mask and the target data set name map result in the same data set name, correct the target map so it does not generate a target name identical to the source name, and rerun the job.

When the source mask includes the target data set name and the previous copy data set was not deleted, delete the left-over copy data set, and rerun the job.

Module:

TGAFLASH

TGRFLA004E

No target dsname was determined for *&dsname*

Reason:

Snapshot General Services could not determine any target data set name for a data set being copied (*&dsname*). The target data set name is generated from the source data set name and the target mask, but no target mask was available. The target mask comes from one of three places, in this order:

1. The local map, specified in the TdleTgtM field of the TDLE.
2. The global map, specified in the TGTMAP keyword of the #TIGER FLASH macro.
3. The TGTMAP field of the DSNGROUP statement in the Snapshot General Services parameter library.

In most cases, this error indicates that there was no DSNGROUP statement in the Snapshot General Services parameter library that applied to the source data set name.

Action:

If the source data set name is not covered by any DSNGROUP statement, correct the parameter file, and reinitialize Snapshot General Services.

Module:

TGAFLASH

TGRFLA008E

No target volume was determined for *&dsname*

Reason:

Snapshot General Services could not determine any target volume for a data set being copied (*&dsname*). The target volume is specified by the TGTMAP value in the VOLGROUP statement for the source volume in the Snapshot General Services initialization parameters.

In most cases, this message indicates that no VOLGROUP statement in the initialization parameters applies to the source volume, and the source volume is a FlashCopy I device. This message also appears when a FlashCopy I device is defined as a FlashCopy II device (FCVER(2)) on the VOLGROUP statement.

Action:

Examine the VOLGROUP statements in Snapshot General Services initialization parameters, and verify that the source volume is covered by a VOLGROUP statement, and FCVER(1) and a TGTMAP value are specified. Then reinitialize Snapshot General Services.

Module:

TGAFLASH

TGRFLA010E

MODE=COPY is not supported for *vendor* device for *dsname*

Reason:

A MODE=COPY request (SNAPSHOTACCESS INSTANT, for CA Quick Copy) was made for a data set on a non-EMC device. MODE=COPY is supported only for EMC devices.

vendor

Identifies the vendor for the affected device.

dsname

Identifies the data set name of the data set.

Action:

Do not specify SNAPSHOTACCESS INSTANT for data sets on non-EMC devices.

Module:

TGAFLASH

TGRFLA011E

Data set *&dsn* is Extended Format and cannot be copied with IXVTOC(NO) in VOLGROUP *&grp*

Reason:

A data set (tablespace) specified in a COPY operation was in Extended Format, and resided on a volume that was marked IXVTOC(NO) in the Snapshot General Services initialization deck. Extended Format data sets require an indexed VTOC, so the copy cannot continue.

&dsn

Specifies the name of the failing data set.

&grp

Specifies the name of the volume group for the failing volume.

Action:

Do not specify IXVTOC(NO) on the VOLGROUP initialization statement for the volume.

TGRFLA012E

***&dsn* is on a FlashCopy I Extended Address Volume (*&volser*) and cannot be copied**

Reason:

An attempt was made to copy a data set (*&dsn*) that was on a FlashCopy I extended address volume (EAV). Snapshot General Services does not support copying from FlashCopy I EAV volumes.

&dsn

Identifies the name of the data set.

&volser

Identifies the volume serial number of the device where the data set is allocated.

Action:

If the device supports FlashCopy II, consider changing its VOLGROUP initialization statement in the Snapshot General Services initialization job to specify FCVER(2).

TGRFLA013I

DSN signature: *&sig*

Reason:

This message displays the data set name signature. This signature is a hash of all the source and target data set names used in a copy operation.

&sig

Identifies the data set name signature.

Action:

None.

Module:

TGAFLASH

TGRFLA014I

USED FDSS(Y) was specified in the initialization parameters. All data sets will be copied using DFSMSdss

Reason:

The USED FDSS(Y) keyword was specified on the OPTIONS statement in the Snapshot General Services initialization parameters. This parameter specifies that DFSMSdss should be used for all copies. The keyword is used only for testing or diagnosis. Specify this keyword only at the request of CA Support.

Action:

None.

Module:

TGAFLASH

TGRFLA015I

Data set will be copied with DFSMSdss

Reason:

The data set that Snapshot General Services is copying was on a device that does not support FlashCopy. Snapshot General Services used DFSMSdss to copy the data set. The previous message TGRFLA001W provides the name of the data set.

Action:

None.

Module:

TGAFLASH

TGRFLA016I

USEIDCAM(Y) was specified in the initialization parameters. All data sets will be copied using IDCAMS REPRO

Reason:

USEIDCAM(Y) was specified on the OPTIONS statement in the Snapshot General Services initialization parameters. This option indicates that the REPRO facility of IDCAMS is used to perform all copies, rather than hardware FlashCopy support. This option makes copies much slower and should be used only at the request of CA Technical support.

Action:

None.

Module:

TGAFLASH

TGRFLD001E

FLASH OPTION=PREPARE must precede EXECUTE

Reason:

A #TIGER EXECUTE function was issued for a file handle that was not created by a #TIGER FLASH,OPTION=PREPARE function. This file handle is not suitable for performing the EXECUTE function, and the request was not honored.

Action:

Correct the calling program to issue a #TIGER FLASH, OPTION=PREPARE function before issuing a #TIGER EXECUTE function.

Module:

TGAFLSHD

TGRFLD002E

TGAFLASH detected error, return code is X'&code'

Reason:

The TGAFLASH module returned a non-zero return code.

&code

Identifies the return code from TGAFLASH.

Module:

TGAFLSHD

TGRFLD004E

EXECUTE function has already been performed

Reason:

A #TIGER EXECUTE function was issued, but a previous EXECUTE had already be issued against the file handle. After an EXECUTE function is processed, the only valid requests that can be issued for the file handle are QUERY and CLOSE. The request was not honored.

Action:

Correct the calling program so it does not attempt to issue two EXECUTE functions against the same file handle.

Module:

TGAFLSHD

TGRFLD005E

COPYTYP (&value) must be "F" or "C"

Reason:

This is an internal error.

Module: TGAFLSHD

TGRFLD006E

Data set &dsname cannot be copied; Page size (&pagesize) does not equal CI size (&CIsz)

Reason:

The tablespace could not be copied with SHRLEVEL CHANGE because the tablespace's page size does not match its CI size. Snapshot General Services serializes at the extent level. A page size greater than 4 KB may span extents or device boundaries. When the page size does not match its CI size, serialization failures can occur that cause the output data set to contain inconsistent data.

Action:

Use SHRLEVEL REFERENCE to copy the tablespace or change the tablespace's CI size to match its page size.

Module:

TGAFLSHD

TGRFLD008I

TTWA Address: *&address*

Reason:

This message displays the address of the Tiger Task Work Area (TTWA). This message is informational-only and is intended to aid debugging.

&address

Identifies the address of the TTWA.

Action:

None, unless requested by CA Support.

Module:

TGAFLASHD

TGRFLD009I

**DBMS: *&dbms* MODE: *&mode* BUFFER: *&buffer* EASCHECK: *&eascheck* ESTAE: *&estae*
REUSE: *&reuse* WAIT: *&wait***

Reason:

This message displays options that are passed to Snapshot General Services. This message is informational-only and is intended to aid debugging.

&dbms

Identifies the type of database being processed. The following values are available: DB2, IMS, or ? if not specified.

&mode

Identifies the copy mode. The following values are available:

- NOCOPY—Regular Flash copies (FLASH=Y for CA Database Copier for IMS, SNAPSHOTACCESS YES for CA Quick Copy)
- COPY—Instant copies (FLASHIC=Y for CA Database Copier for IMS, SNAPSHOTACCESS INSTANT for CA Quick Copy)
- RECOVER—Recoveries (CA Fast Recover)
- ?—The parameter was not specified

&buffer

Indicates whether the calling product requested checkpoint buffer return. The following values are available: Y, N, or ? if not specified.

&eascheck

Indicates whether the calling product asked to be notified when copy data sets are allocated in the extended addressing space (EAS) of an extended address volume (EAV). The following values are available: Y, N, or ? if not specified.

&estae

Indicates whether the calling product requested API ESTAE protection. The following values are available: Y, N, or ? if not specified.

&reuse

Indicates whether to reuse target data set if it exists. The following values are available: Y, N, or ? if not specified.

&wait

Indicates whether the calling product requested a wait for the physical copies to complete. The following values are available: Y, N, or ? if not specified.

Action:

None, unless requested by CA Support.

Module:

TGAFLSHD

TGRFRE001I

Storage released:
SubSys: &subsys
Module: &module
Address: &addr
Length: &length
Subpool: &subpool

Reason:

A Snapshot General Services subsystem was reinitialized. Refreshable modules were reloaded, and the old modules were freed. This message displays information about the freed module storage. &subsys is the name of the Snapshot General Services subsystem that was reinitialized. &module is the name of the module that was refreshed. &addr is the address of the storage that the module occupied. &length is the length of the storage that the module occupied. &subpool is the subpool of the storage that the module occupied.

Action:

None.

Module:

TGAFREEQ

TGRFRE002I

LPA module released: SubSys: &subsys Module: &module
Address: &address Length: &length Token: &token

Reason:

A Snapshot General Services subsystem was reinitialized. Refreshable modules were reloaded, and the old modules were freed. This message displays information about the freed module storage.

- &subsys is the name of the Snapshot General Services subsystem that was reinitialized.
- &module is the name of the module that was refreshed.
- &addr is the address of the storage that the module occupied.
- &length is the length of the storage that the module occupied.
- &subpool is the subpool of the storage that the module occupied.
- &token is the CSVDYLPA token for the module.

Note: This message is issued on systems running CCS r12 and above. On systems running prior releases of CCS, message TGRFRE001I is issued instead.

Action:

This message is informational only. No action is required.

Module:

TGAFREEQ

TGRFRE003E

**#LPA DELETE error: SubSys: &subsys Module: &module
Address: &address Length: &length Token: &token R15: &r15**

Reason:

A Snapshot General Services subsystem was reinitialized. Refreshable modules were reloaded, and the old modules were freed. While attempting to free an old module, Snapshot General Services encountered an error.

- &subsys is the name of the Snapshot General Services subsystem that was reinitialized.
- &module is the name of the module that was refreshed.
- &addr is the address of the storage that the module occupied.
- &length is the length of the storage that the module occupied.
- &subpool is the subpool of the storage that the module occupied.
- &token is the CSVDYLPA token for the module.
- &r15 is the return code from the CCS #LPA DELETE service.

Action:

Contact CA technical support for assistance.

Module:

TGAFREEQ

TGRFVP001E

UCB for volume &volser was not found

Reason:

Snapshot General Services could not find the Unit Control Block (UCB) for the specified volume during the restart of a Snapshot General Services copy operation. The copy operation failed.

Action:

Contact CA technical support for assistance.

Module:

TGABRFVP

TGRFVP002E**UCB lookup service not supported, for volume &volser****Reason:**

During the restart of a Snapshot General Services copy operation, Snapshot General Services could not locate the Unit Control Block (UCB) for the specified volume because the UCB lookup service was unavailable. The copy operation failed.

Action:

Contact CA technical support for assistance.

Module:

TGABRFVP

TGRFXD001E**(&task) Error reading FMT1 DSCB for &dsname
(&task) on volume &vol, R15 = &r15, CVSTAT = &stat****Reason:**

An error occurred when the Format 1 Data Set Control Block (DSCB) was read for a copy data set.

- &task is the number of the allocation task.
- &dsname is the data set that was being processed at the time of error.
- &vol is the serial number of the volume that the data set is on.
- &r15 is the return code from the CVAFDIR service.
- &stat is the CVSTAT value returned by the CVAFDIR service.

Action:

Contact CA technical support for assistance.

Module:

TGAFXDSC

TGRFXD002E

**(&task) Error writing FMT1 DSCB for &dsname
(&task) on volume &vol, R15 = &r15, CVSTAT = &stat**

Reason:

An error occurred when the Format 1 Data Set Control Block (DSCB) was being rewritten for a copy data set.

- &task is the number of the allocation task.
- &dsname is the data set that was being processed at the time of error.
- &vol is the serial number of the volume that the data set is on.
- &r15 is the return code from the CVAFDIR service.
- &stat is the CVSTAT value returned by the CVAFDIR service.

Action:

Contact CA technical support for assistance.

Module:

TGAFXDSC

TGRFXD003E

**(&task) Error releasing buffers for &dsname
(&task) on volume &vol, R15 = &r15, CVSTAT = &stat**

Reason:

An error occurred when the Data Set Control Block (DSCB) buffers were being released for a copy data set.

- &task is the number of the allocation task.
- &dsname is the data set that was being processed at the time of error.
- &vol is the serial number of the volume that the data set is on.
- &r15 is the return code from the CVAFDIR service.
- &stat is the CVSTAT value returned by the CVAFDIR service.

Action:

Contact CA technical support for assistance.

Module:

TGAFXDSC

TGRFXV001E

(&task) VVDS INIT error for &dsname

(&task) RC = &rc, RS = &rs

Reason:

An error occurred while performing initialization for VVDS access.

- &task is the number of the allocation task.
- &dsname is the data set that was being processed at the time of error.
- &rc is the return code from the TGAVVDS program.
- &rs is the reason code from the TGAVVDS program.

Action:

Contact CA technical support for assistance.

Module:

TGAFXVVR

TGRFXV002E

(&task) VVDS READ error for &dsname

(&task) RC = &rc, RS = &rs

Reason:

An error occurred when the VSAM Volume Record (VVR) was read for a data set.

- &task is the number of the allocation task.
- &dsname is the data set that was being processed at the time of error.
- &rc is the return code from the TGAVVDS program.
- &rs is the reason code from the TGAVVDS program.

Action:

Contact CA technical support for assistance.

Module:

TGAFXVVR

TGRFXV003E

(&task) VVDS TERM error for &dsname
(&task) RC = &rc, RS = &rs

Reason:

An error occurred while performing termination processing for VVDS access.

- &task is the number of the allocation task.
- &dsname is the data set that was being processed at the time of error.
- &rc is the return code from the TGAVVDS program.
- &rs is the reason code from the TGAVVDS program.

Action:

Contact CA technical support for assistance.

Module:

TGAFXVVR

TGRFXV004E

(&task) VVDS GET error for &dsname
(&task) RC = &rc, RS = &rs

Reason:

An error occurred when a get-for-update was performed on the VSAM Volume Record (VVR) for a data set.

- &task is the number of the allocation task.
- &dsname is the data set that was being processed at the time of error.
- &rc is the return code from the TGAVVDS program.
- &rs is the reason code from the TGAVVDS program.

Action:

Contact CA technical support for assistance.

Module:

TGAFXVVR

TGRFXV005E

**(&task) VVDS PUT error for &dsname
(&task) RC = &rc, RS = &rs**

Reason:

An error occurred when a put-for-update was performed on the VSAM Volume Record (VVR) for a data set.

- &task is the number of the allocation task.
- &dsname is the data set that was being processed at the time of error.
- &rc is the return code from the TGAVVDS program.
- &rs is the reason code from the TGAVVDS program.

Action:

Contact CA technical support for assistance.

Module:

TGAFXVVR

TGRFXV006E

(&task) &type Cell type &type was not found in &srctgt VVR

Reason:

During VVR merge processing, an expected VVR cell was not found.

&task

Identifies the number of the allocation task. Zero if the message is issued from the mainline task.

&type

Identifies the hexadecimal VVR cell type.

&srctgt

Indicates which VVR was being processed when the error occurred. The following values are available: Source or Target.

Action:

Contact CA Support at <http://ca.com/support> for assistance.

Module:

TGAFXVVR

TGRFXV007E

(&task) Zero cell length found at offset **&offset** searching for type **&type** cell in **&srctgt**

Reason:

A cell with a zero length field was found during VVR merge processing.

&task

Identifies the number of the allocation task. Zero if the message is issued from the mainline task.

&offset

Identifies the offset from the beginning of the VVR to the zero-length field.

&type

Identifies the hexadecimal VVR cell type.

&srctgt

Indicates which VVR was being processed when the error occurred. The following values are available: Source or Target.

Action:

Contact CA Support at <http://ca.com/support> for assistance.

Module:

TGAFXVVR

TGRFXV008I

(&task) &type VVR Dump for &dsname on &volume

Reason:

This message indicates that a VVR dump follows, as a result of an error processing a VVR.

&task

Identifies the number of the allocation task. Zero if the message is issued from the mainline task.

&type

Indicates the VVR type: source or target.

&dsname

Identifies the name of the data set whose VVR is being dumped.

&volume

Identifies the volume serial number of the first volume where the data set is stored.

Action:

See the previous messages for the recommended action.

Module:

TGAVVDMP

TGRGMM001I

Snapshot General Services subsystem *&subsys* was initialized at *&time* on *&date* by job *&jobname(&jobnumber)* with XMANID *&xmanid*

Reason:

This message displays information about the Snapshot General Services subsystem used for the job. When multiple Snapshot General Services subsystems are in use, this information helps identify the subsystem used for the job.

&subsys

Identifies the name of the subsystem.

&time

Identifies the time that the subsystem was initialized.

&date

Identifies the date that the subsystem was initialized.

&jobname

Identifies the name of the job that initialized the subsystem.

&jobnumber

Identifies the job number of the job that initialized the subsystem.

&xmanid

Identifies the XMANID of the Xmanager address space associated with this subsystem. If no Xmanager address space is associated with the subsystem, the displayed value is "----".

Action:

None.

Module:

TGAGMMSG

TGRGNC001E

(&task)Error performing symbolic substitution:

(&task) ASASYMBM returned R15 = &r15

Reason:

An error occurred while symbolic substitution was being performed to allocate a copy data set. The copy operation failed.

- &task is the number of the allocation task. This number can be used to correlate the messages for a given allocation task.
- &r15 is return code from ASASYMBM. Return codes are documented in the IBM *MVS Programming: Assembler Services Guide*.

Action:

Contact CA technical support for assistance.

Module:

TGAGNCMD

TGRGNC002E**(&task) Symbol table overflow processing &sym symbol****Reason:**

The symbol table overflowed when symbolic substitution was being performed to allocate a copy data set. The copy operation failed.

- &task is the number of the allocation task. This number can be used to correlate the messages for a given allocation task.
- &sym is the symbol that was being built at the time of error.

Action:

Contact CA technical support for assistance.

Module:

TGAGNCMD

TGRGNC003I**(&task) Symbol table size: &num symbols, &size bytes****Reason:**

This diagnostic message appears only if enabled at the request of CA technical support.

- &task is the number of the allocation task. This number can be used to correlate the messages for a given allocation task.
- &num is the number of symbols in the symbol table.
- &size is the number of bytes used in the symbol table.

Action:

No action is required.

Module:

TGAGNCMD

TGRGNC004I

(&task) Generated command:

Reason:

This diagnostic message is a header that introduces the TGRGNC005I messages that follow. It appears only if enabled at the request of CA technical support.

Action:

No action is required.

Module:

TGAGNCMD

TGRGNC005I

(&task) &line

Reason:

This diagnostic message displays one line of the generated IDCAMS command. It appears only if enabled at the request of CA technical support.

- &task is the number of the allocation task. This number can be used to correlate the messages for a given allocation task.
- &line is the generated IDCAMS command line.

Action:

No action is required.

Module:

TGAGNCMD

TGRGNC006E

(&task) Command buffer overflow, length = &len, required = &req

Reason:

The command buffer overflowed during generation of an IDCAMS command to allocate a copy data set.

- &task is the number of the allocation task. This number can be used to correlate the messages for a given allocation task.
- &len is the length of the command buffer in bytes.
- &req is the number of bytes that were required for the command buffer.

Action:

Contact CA technical support for assistance.

Module:

TGAGNCMD

TGRGSS001E

Subsystem name &subsys is in use by another subsystem

The subsystem name specified on the SUBSYS keyword of the Snapshot General Services initialization parameters is already in use by another, non-Snapshot General Services subsystem.

Note the following:

&subsys is the name of the subsystem.

Action:

Specify a different name on the SUBSYS keyword. Do not use system subsystem names, such as MSTR, JES2, NET, VTAM.

Module:

TGAGSSCT

TGRGSS002E

Error building SSCT for *&subsys* subsystem
Return code *&rc*, Reason code *&rs*

Reason:

An error occurred while building the Sub-System Communications vector Table (SSCT).

Note the following:

&subsys

Identifies the name of the Snapshot General Services subsystem that was being initialized at the time of error.

&rc

Identifies the return code that Snapshot General Services received from the z/OS IEFSSI REQUEST=ADD

&rs

Identifies the reason code that Snapshot General Services received from the z/OS IEFSSI REQUEST=ADD service.

Module: TGAGSSCT

TGRGSS003E

Error retrieving SSCT address for *<S>* *&subsystem*
Return code *&rc*, Reason code *&rs*

Reason:

An error occurred while initializing a Snapshot General Services subsystem when Snapshot General Services attempted to retrieve the subsystem's Sub-System Communications vector Table (SSCT).

Note the following:

&subsys

Identifies the name of the Snapshot General Services subsystem that was being initialized at the time of error.

&rc

Identifies the return code that Snapshot General Services received from the z/OS IEFSSI REQUEST=GET service.

&rs

Identifies the reason code that Snapshot General Services received from the z/OS IEFSSI REQUEST=GET service.

Module: TGAGSSCT

TGRGSS004E

Error setting SSCT tag for *&subsys* subsystem
Return code *&rc*, Reason code *&rs*

Reason:

An error occurred while initializing a Snapshot General Services subsystem when Snapshot General Services attempted to tag its Sub-System Communications vector Table (SSCT).

Note the following:

&subsys

Identifies the name of the Snapshot General Services subsystem that was being initialized at the time of error.

&rc

Identifies the return code that Snapshot General Services received from the z/OS IEFSSI REQUEST=PUT service.

&rs

Identifies the reason code that Snapshot General Services received from the z/OS IEFSSI REQUEST=PUT service.

Module: TGAGSSCT

TGRGSS005E

Load module TGLSSINT was not found

Reason:

The TGLSSINT load module was not found in the linklist libraries or the JOBLIB or STEPLIB of the Snapshot General Services initialization job. Initialization is terminated.

Action:

Verify that Snapshot General Services was properly installed and that the library containing TGL* modules is present, either in the linklist or in a JOBLIB or STEPLIB.

Module: TGAGSSCT

TGRHXD001I

(&task) &offset - &hexdata * &chardata *

Reason:

This message dumps a line of data from a VVR header, cell, or subcell:

&task

If the VVR dump is issued as a result of a TGRFXV006E or TGRFXV007E message, identifies the allocation task number; otherwise, zero.

&offset

Identifies the offset from the beginning of the header, cell, or subcell to the start of this line.

&hexdata

Displays 16 bytes of data, in hexadecimal form.

&chardata

Displays 16 bytes of data, in character form.

Action:

None.

Module:

TGAHXDMP

TGRHXD002I

(*&task*) *&marker1* *&marker2*

Reason:

This message marks the location of an error in a line of data that the TGRHXD001I message displays:

&task

Identifies the number of the allocation task. Zero if the message is issued from the mainline task.

&marker1

A "\$" symbol, marking the location of the error in the hexadecimal data.

&marker2

A "\$" symbol, marking the location of the error in the printable-character data.

Action:

None.

Module:

TGAHXDMP

TGRIBM001E

(&task) Unable to determine current AOM level: R15 = &rc, RSN = &rsn

Reason:

While processing a #TIGER FLASH request for an IBM 2105 (Shark) device, Snapshot General Services could not determine the current level of the Asynchronous Operations Manager (AOM). The request failed.

&task

Identifies the number of the allocation task.

&rc

Identifies the return code from the ANTRQST service.

&rsn

Identifies the reason code from the ANTRQST service.

Action:

Contact CA Support and provide the message number, return code, and reason code.

Module:

TGAVIIBM

TGRIBM002E

(&task) ANTMAIN started task is required for Flash copies

Reason:

While processing a #TIGER FLASH request for an IBM 2105 (Shark) device, Snapshot General Services discovered that the ANTMAIN started task was not active. This started task is required for performing flash copies on Shark devices. The request failed.

&task

Identifies the number of the allocation task.

Action:

Verify that the ANTMAIN started task is active. Resubmit the job.

Module:

TGAVIIBM

TGRIBM003E

(&task) AOM level, &level, is too low to perform Flash copies

Reason:

While processing a #TIGER FLASH request for an IBM 2105 (Shark) device, Snapshot General Services discovered that the version level of the Asynchronous Operations Manager (AOM) was too low to process the request. The request failed.

&level

Identifies the version level of AOM.

Limits: 5 or higher

&task

Identifies the number of the allocation task.

Action:

Verify that AOM is at the correct level. Resubmit the job.

Module:

TGAVIIBM

TGRIBM004E

(&task) Error on ANTRQST FCQUERY request, R15 = &rc, RSN = &rsn

Reason:

While processing a #TIGER FLASH request for an IBM 2105 (Shark) device, Snapshot General Services encountered an error while querying the device. The request failed.

&task

Identifies the number of the allocation task.

&rc

Identifies the return code from the ANTRQST service.

&rsn

Identifies the reason code from the ANTRQST service.

Action:

Contact CA Support and provide the message number, return code, and reason code.

Module:

TGAVIIBM

TGRIBM005E

(&task) Internal buffer is too small for ANTRQST FCQUERY

Reason:

While processing a #TIGER FLASH request for an IBM 2105 (Shark) device, Snapshot General Services encountered an internal buffer overrun. The request failed.

&task

Identifies the number of the allocation task.

Action:

Contact CA Support.

Module:

TGAVIIBM

TGRIBM006E

**(&task) Device &number (volume &volser) is not a 2105;
it cannot perform Flash copies**

Reason:

While processing a #TIGER FLASH request, Snapshot General Services found that the source or target device was an IBM unit that was not a 2105, and could not perform flash copies. The request failed.

&task

Identifies the number of the allocation task.

&number

Identifies the device number of the device.

&volser

Identifies the volume serial number of the device.

Action:

Verify that the data set being copied is on a 2105 device. Resubmit the job.

Module:

TGAVIIBM

TGRIBM007E

**(&task) Device &number (volume &volser) is an XRC primary;
it cannot be a Flash copy target**

Reason:

While processing a #TIGER FLASH request, Snapshot General Services found that the target 2105 device was an extended remote copy (XRC) primary volume, and could not be a flash copy target. The request failed.

&task

Identifies the number of the allocation task.

&number

Identifies the device number of the device.

&volser

Identifies the volume serial number of the device.

Action:

Verify that the volume being copied to is not an XRC primary. Resubmit the job.

Module:

TGAVIIBM

TGRIBM008E

**(&task) Device &number (volume &volser) is an PPRC primary;
it cannot be a Flash copy target**

Reason:

While processing a #TIGER FLASH request, Snapshot General Services found that the target 2105 device was a peer-to-peer remote copy (PPRC) primary volume, and could not be a flash copy target. The request failed.

&task

Identifies the number of the allocation task.

&number

Identifies the device number of the device.

&volser

Identifies the volume serial number of the device.

Action:

Verify that the volume being copied to is not a PPRC primary. Resubmit the job.

Module:

TGAVIIBM

TGRIBM009E

(&task) Device &number (volume &volser) is in a Flash copy relationship; another cannot be started

Reason:

While processing a #TIGER FLASH request, Snapshot General Services found that the source or target 2105 device was already in a flash copy relationship. The request failed.

&task

Identifies the number of the allocation task.

&number

Identifies the device number of the device.

&volser

Identifies the volume serial number of the device.

Action:

Wait for the previous copy to complete, then resubmit the job.

Module:

TGAVIIBM

TGRIBS001E

Security access denied to source data set: *dsname*

Reason:

A Flash copy request tried to copy a source data set that the user did not have security access to. The request was failed. *&dsname* is the name of the data set.

Action:

Contact local security support.

Module:

TGAVIIBM

TGRIBS002E

Security access denied to target data set: *dsname*

Reason:

A Flash copy request tried to copy to a target data set that the user did not have security access to. The request was failed. *&dsname* is the name of the data set.

Action:

Contact local security support.

Module:

TGAVIIBM

TGRIBS003E

**Catalog error for *&dsname*
PTASVC26 return code is *&rc***

Reason:

An error occurred while preparing to issue security checks for the source or target data set of a copy operation on IBM 2105 (Shark) device. The utility could not determine the volser of the catalog where the data set is cataloged.

&dsname

Identifies the data set name of the catalog.

&rc

Identifies the return code from the PTASVC26 service routine.

Action:

Contact CA Support for assistance.

Module:

TGAVSIBM

TGRIBS004E

Error determining catalog for *&dsname*, RS=*&rsn*

Reason:

An error occurred while preparing to issue security checks for the source data set of a copy operation on IBM 2105 (Shark) device. The utility could not determine the catalog where the data set was cataloged.

&dsname

Identifies the name of the source data set.

&rsn

Identifies the reason code from the PTASVC26 service routine.

Action:

Contact CA Support for assistance.

Module:

TGAVSIBM

TGRIBT004E

FlashCopy withdraw failed for device *xxxx* and device *yyyy*
R15 = *&rc*, RSN = *&rsn*

Reason:

Snapshot General Services was unable to successfully withdraw the FlashCopy relationship between the source and target volumes for a FlashCopy operation.

xxxx

Identifies the device number of the source volume

yyyy

Identifies the device number of the target volume

&rc

Identifies the return code

&rsn

Identifies the reason code

Module: TGAVTIBM

TGRIBT005I

FlashCopy withdraw successful for device *xxxx* and *yyyy*

Reason:

The FlashCopy relationship was successfully withdrawn after a FlashCopy operation.

- ***xxxx***-The device number of the source volume.
- ***yyyy***-The device number of the target volume.

Reason:

No action is required; this is an information-only message.

Module:

TGAVTIBM

TGRIBT006E

Unable to determine current AOM level: R15 = *r15*, RSN = *rsn*

Reason:

While processing a #TIGER FLASH request for an IBM 2105 (Shark) device, Snapshot General Services could not determine the current level of the Asynchronous Operations Manager (AOM). The request was failed.

r15

Identifies the return code from the ANTRQST service.

rsn

Identifies the reason code from the ANTRQST service.

Module: TGAVTIBM

TGRIBT007E

ANTMAIN started task is required for Flash copy withdrawal

Reason:

While processing a #TIGER FLASH request for an IBM 2105 (Shark) device, Snapshot General Services discovered that the ANTMAIN started task was not active. This started task is required for performing flash copies on Shark devices. The request was failed.

Action:

Ensure that the ANTMAIN started task is active.

Module: TGAVTIBM

TGRIBT008E

AOM level, *///*, is too low to perform Flash copy withdrawal

Reason:

While processing a #TIGER FLASH request for an IBM 2105 (Shark) device, Snapshot General Services discovered that the version level (*///*) of the Asynchronous Operations Manager (AOM) was too low to process the request.

The minimum level is 5. The request was failed.

Action:

Ensure that AOM is at the correct level.

Module: TGAVTIBM

TGRIBT009E

ANTRQST msg returned = &msg

Reason:

This message displays the error message returned by the System Data Mover. It is preceded by a TGRIBT004E message.

&msg is the message returned by ANTRQST. It has a message ID that begins with ANTF0.

Messages from ANTRQST are documented in the IBM *MVS System Messages Vol. 1 (ABA-AOM)*.

Action:

Contact CA technical support for assistance.

Module:

TGAVTIBM

TGRIBY001E

UCB for volume &volser was not found

Reason:

During a Flash copy on an IBM 2105 (Shark) device, Snapshot General Services could not find a Unit Control Block (UCB) for the target volume. The volume may be offline, or, more likely, there is an error in the way the VOLGROUPs are defined in the Snapshot General Services parameter file. The request is failed. &volser is the volume serial number that could not be found.

Action:

Ensure that the volume is online, and that the VOLGROUP statements in the Snapshot General Services parameter file are specifying the correct volume.

Module:

TGAVAIBM

TGRIBY002E

UCB lookup service not supported, for volume *&volser*

Reason:

During a Flash copy on an IBM 2105 (Shark) device, Snapshot General Services found that the Unit Control Block (UCB) lookup service was unavailable. The request was failed. *&volser* is the volume serial number that Snapshot General Services was trying to look up.

Module:

TGAVAIBM

TGRIBY003E

**No target volume was determined for
&dsname on volume**

Reason:

During a Flash copy on an IBM 2105 (Shark) device, Snapshot General Services could not determine the target volume for a data set to be copied. This is probably an error in the configuration of the VOLGROUP statements in the Snapshot General Services parameter library; the input volume was not mapped to a VOLGROUP. *&dsname* is the data set name of the source data set. *&volser* is the volume serial number of the source data set.

Action:

Ensure that the input volume is included in a VOLGROUP statement.

Module:

TGAVAIBM

TGRIBY004E

Source volume *wwwww* and target volume *xxxxxx* are not in the same LSS (*yy/zz*)

Reason:

An attempt was made to perform a FlashCopy between two Shark (IBM 2150 ESS) volumes that are not in the same Logical SubSystem (LSS).

It is a hardware requirement for the source and target to be in the same LSS. In the message, the variables represent the following:

- **wwwww**-The volume serial number of the source volume.
- **xxxxxx**-The volume serial number of the target volume.
- **yy**-The LSS ID of the source volume.
- **zz**-The LSS ID of the target volume.

Ensure that the VOLGROUP statements in the Snapshot General Services parameter file are set up so that the source volumes (VOLUMES) and target volumes (TGTMAP) are in the same LSS. You can determine the LSS ID of a volume by issuing the following TSO command:

```
FCQUERY DEVN(X'nnnn')
```

Where *nnnn* is the device number (unit address) of the device.

Module:

TGAVAIBM

TGRIBY005I

FlashCopy II VSAM data sets: *&vsm*, Allocation tasks: *&tsk*

Reason:

This message displays the number of FlashCopy II VSAM data sets being copied, and the number of allocation tasks that will be used to copy these data sets.

- *&vsm* is the number of VSAM data sets to be copied.
- *&tsk* is the number of VSAM allocation tasks that will be used.

Action:

No action is required.

Module:

TGAVAIBM

TGRIBY006E

Error attaching &typ task &task, R15 = &r15

Reason:

An error occurred while attaching an allocation or copy task. The copy operation failed.

- &typ is the type of task, allocation or copy.
- &task is the task number.
- &r15 is the return code from the ATTACH service.

Action:

Contact CA technical support for assistance.

Module:

TGAVAIBM

TGRIBY007I

All FlashCopy II &typ tasks have completed

Reason:

All of the tasks for a copy operation have completed. &typ indicates the task type (allocation or copy).

Action:

No action is required.

Module:

TGAVAIBM

TGRIBY008I

(&task) ARC: &arc, TRC: &trc, Duration: &dur, Count: &num

Reason:

This message indicates the completion status of each allocation or copy task. It follows the TGRIBY007I message.

- &task is the task number.
- &arc is the return code from the ATTACH service. If the return code is 0, the task was successfully attached.
- &trc is the return code from the allocation or copy task. If the return code is 0, no errors occurred in the task.
- &dur is the duration of the task, expressed as hh:mm:ss.tttttt.
- &num is the number of data sets (for allocation tasks) or the number of copy list elements (for copy tasks) that were processed by the task.

Action:

No action is required.

Module:

TGAVAIBM

TGRIBY009I

******* Sorted FC2 Copy Element List *******

Reason:

This message introduces the display of the sorted FC2 copy element list, and is followed by one or more TGRIBM010I messages. This message appears only when enabled at the request of CA technical support.

Action:

No action is required.

Module:

TGAVAIBM

TGRIBY010I

&seq &svol &slow &shigh > &tvol &tlow &thigh / &lock

Reason:

This message displays a row of the sorted FC2 copy element list. It appears only when enabled at the request of CA technical support.

- &seq is the sequence number of the copy element.
- &svol is the source volume serial number.
- &slow is the source low CCHHR.
- &shigh is the source high CCHHR.
- &tvol is the target volume serial number.
- &tlow is the target low CCHHR.
- &thigh is the target high CCHHR.
- &lock is the value of lock word for the copy element.

Action:

No action is required.

Module:

TGAVAIBM

TGRIBY011I

FlashCopy II source/target volume pairs: &num

Reason:

This message displays the number of FlashCopy II source and target volume pairs. It appears only when enabled at the request of CA technical support.

Action:

No action is required.

Module:

TGAVAIBM

TGRIBY012I

FlashCopy II copy tasks: &num

Reason:

This message displays the number of FlashCopy II copy tasks that will be used.

Action:

No action is required.

Module:

TGAVAIBM

TGRIBY014I

FlashCopy II Sequential data sets: &seq, Allocation tasks: &tsk

Reason:

This message displays the number of FlashCopy II sequential data sets being copied, and the number of allocation tasks that will be used to copy these data sets.

Action:

No action is required.

Module:

TGAVAIBM

TGRIBY015E

Error locating CDE for load module &lmod &oper

Reason:

During subtasking setup or teardown, Snapshot General Services was unable to locate the Contents Directory Entry (CDE) for one of its load modules:

- &lmod is the name of the load module whose CDE could not be found.
- &oper is the operation that was in progress (setup or teardown).

Action:

Contact CA technical support for assistance.

Module:

TGAVAIBM

TGRIBY016E

Data set *&dsname* is allocated in EAV/EAS area

Reason:

During a copy operation, either the source data set or the copy was allocated in the extended addressing space (EAS) of an extended address volume (EAV). Copies to or from this area of the volume are not currently supported. The copy operation is terminated.

&dsname

Specifies the name of the data set.

Action:

If the source data set is allocated in the EAS area, move it to a non-EAS area of the volume, or to a non-EAV volume before it can be copied with Snapshot General Services.

By default, Snapshot General Services allocates the copy data set in the same SMS STORCLAS as the source volume. If the source volume is in an EAV STORCLAS, it is likely that the copy data set will be also in an EAV STORCLAS and may get allocated in the EAS area. To override the SMS STORCLAS of the copy data set, use a DSNGROUP statement in the Snapshot General Services initialization parameters.

Module: TGAIVAIBM

TGRIBY017E

**Copy data set *&dsn* is on a FlashCopy I Extended Address Volume (*&volser*)
The copy operation cannot proceed**

Reason:

An attempt was made to copy a data set (*&dsn*) that was on a FlashCopy I extended address volume (EAV). Snapshot General Services does not support copying from FlashCopy I EAV volumes.

&dsn

Identifies the name of the data set.

&volser

Identifies the volume serial number of the device where the data set is allocated.

Action:

If the device supports FlashCopy II, consider changing its VOLGROUP initialization statement in the Snapshot General Services initialization job to specify FCVER(2). Otherwise, either remove the device from the SMS storage group that the source data set is in, or specify a different storage group using a DSNGROUP initialization statement in the Snapshot General Services initialization job.

Module:

TGAVAIBM

TGRIBY018I

DFSMSdss copy data sets: *&dfd*, Allocation tasks: *&tsk*

Reason:

This message displays the number of data sets that must be copied with DFSMSdss (*&dfd*), and the number of allocation or copy tasks that will be used to copy these data sets (*&tsk*).

&dfd

Identifies the number of data sets to be copied with DFSMSdss.

&tsk

Identifies the number of DFSMSdss allocation or copy tasks that will be used.

Action:

None.

Module:

TGAVAIBM

TGRIBY019I

IDCAMS copy data sets: *&idc*, Allocation tasks: *&tsk*

Reason:

This message displays the number of data sets that must be copied with IDCAMS (*&idc*), and the number of allocation or copy tasks that will be used to copy these data sets (*&tsk*).

&idc

Identifies the number of data sets to be copied with IDCAMS.

&tsk

Identifies the number of IDCAMS allocation or copy tasks that will be used.

Action:

None.

Module:

TGAVAIBM

TGRIDC011E

(*&task*) This is not supported for FlashCopy II

Reason:

This message follows a TGRIDC014E message, and indicates that the data set configuration is not supported.

&task is the number of the allocation task. This number can be used to correlate the messages for a given allocation task.

Action:

Refer to the preceding TGRIDC014E message for more information.

Module:

TGAIDCIN

TGRIDC014E

(&task) Data set &dsname
(&task) is a multi-volume per stripe data set.

Reason:

A FlashCopy II device contains a striped data set. Each stripe extends onto multiple volumes. This is not currently supported by Snapshot General Services. The copy operation fails.

&task

Identifies the number of the allocation task. This number can be used to correlate the messages for a given allocation task.

&dsname

Identifies the data set being processed.

Action:

Copy the data set without using Snapshot General Services. (Specify SNAPSHOTACCESS NO for CA Quick Copy, or FLASH=NO and FLASHIC=NO for CA Database Copier for IMS.)

Module:

TGAIDCIN

TGRIDC015I

(&this-task) Task &this-task ending due to an error in task &error-task

Reason:

One of the allocation tasks for a Snapshot General Services copy operation failed. The failed task requested that the other allocation task shut down to avoid doing unnecessary work.

&this-task

Identifies the task number of the task that issues this message.

&error-task

Identifies the task number of the task that encountered an error.

Action:

Look for the error messages that start with the number of the error task in parentheses to determine the cause of the original error.

Module:

TGAIDCIN

TGRIDF001I

NSI: *aaaaaaaa bbbbbbbb*

Reason:

This message displays when an ABEND occurs in Snapshot General Services, to provide diagnostic information, where:

aaaaaaaa

The first four bytes of the PSW pointing to the next sequential instruction.

bbbbbbbb

The last four bytes of the PSW pointing to the next sequential instruction.

Module: TGAFEIDF

TGRIDF002I

ILC: *aa* **Interrupt Code:** *bb* **Reason Code:** *ccccccc*

Reason:

This message displays when an ABEND occurs in Snapshot General Services, to provide diagnostic information, where:

aa

The instruction length code of the failing instruction.

bb

The interrupt code.

ccccccc

The reason code (R15).

Action:

Report the information in this message to Technical Support.

Module: TGAFEIDF

TGRIDF003I

R0 - R3: *aaaaaaaa bbbbbbbb cccccc ddddddd*

Reason:

This message displays when an ABEND occurs in Snapshot General Services, to provide diagnostic information, where:

aaaaaaaa

The contents of register R0 at the time of error.

bbbbbbb

The contents of register R1 at the time of error.

ccccccc

The contents of register R2 at the time of error.

ddddddd

The contents of register R3 at the time of error.

Action:

Report the information in this message to Technical Support.

Module: TGAFEIDF

TGRIDF004I

R4 - R7: *aaaaaaaa bbbbbbbb cccccc ddddddd*

Reason:

This message displays when an ABEND occurs in Snapshot General Services, to provide diagnostic information, where:

aaaaaaaa

The contents of register R4 at the time of error.

bbbbbbbb

The contents of register R5 at the time of error.

ccccccc

The contents of register R6 at the time of error.

ddddddd

The contents of register R7 at the time of error.

Action:

Report the information in this message to Technical Support.

Module: TGAFEIDF

TGRIDF005I

R8 -R11: *aaaaaaaa bbbbbbbb ccccccc dddddddd*

Reason:

This message displays when an ABEND occurs in Snapshot General Services, to provide diagnostic information, where:

aaaaaaaa

The contents of register R8 at the time of error.

bbbbbbbb

The contents of register R9 at the time of error.

ccccccc

The contents of register R10 at the time of error.

ddddddd

The contents of register R11 at the time of error.

Action:

Report the information in this message to Technical Support.

Module: TGAFEIDF

TGRIDF006I

R12-R15: *aaaaaaaa bbbbbbbb ccccccc dddddddd*

Reason:

This message displays when an ABEND occurs in Snapshot General Services, to provide diagnostic information, where:

aaaaaaaa

The contents of register R12 at the time of error.

bbbbbbbb

The contents of register R13 at the time of error.

ccccccc

The contents of register R14 at the time of error.

ddddddd

The contents of register R15 at the time of error.

Action:

Report the information in this message to Technical Support.

Module: TGAFEIDF

TGRIDF007I

Data at failing PSW address: *aaaaaaaa bbbbbbbb ccccccc*

Reason:

This message displays when an ABEND occurs in Snapshot General Services, to provide diagnostic information, where:

aaaaaaaa

The four bytes of data preceding the error PSW address.

bbbbbbbb

The four bytes of data at the error PSW address.

ccccccc

The four bytes of data at the error PSW address + 4.

Action:

Report the information in this message to Technical Support.

Module: TGAFEIDF

TGRIDF008I

Translation exception address: *aaaaaaaa bbbbbbbb*

Reason:

This message displays when an ABEND occurs in Snapshot General Services, to provide diagnostic information, where:

aaaaaaaa

The translation exception address from SDWATRAN.

bbbbbbbb

The translation exception address from SDWATR2

Action:

Please report the information in this message to Technical Support.

Module: TGAFEIDF

TGRIDR001E

**CVAFDIR error reading F1 DSCB for VTOC Index data set on volser *&volser* RC = *&rc*,
CVSTAT = *&status***

Reason:

During a Flash copy of a data set on an IBM 2105 (Shark) device, Snapshot General Services encountered an error while reading the format 1 DSCB for the VTOC index data set. The copy was failed. Values are as follows:

- ***&volser*** is the volume serial number of the volume that was being read from.
- ***&rc*** is the return code from CVAFDIR.
- ***&status*** is the status code returned by CVAFDIR.

Module:

TGAIDREN

TGRIDR002E

CVAFDIR error writing F1 DSCB for VTOC Index data set on volser *&volser* RC = *&rc*, CVSTAT = *&status*

Reason:

During a Flash copy of a data set on an IBM 2105 (Shark) device, Snapshot General Services encountered an error while writing the format 1 DSCB for the VTOC index data set. The copy was failed. Values are as follows:

- ***&volser*** is the volume serial number of the volume that was being written to.
- ***&rc*** is the return code from CVAFDIR.
- ***&status*** is the status code returned by CVAFDIR.

Module:

TGAIDREN

TGRIDR003E

CVAFDIR error reading F1 DSCB for data component for data set *&dsn* RC = *&rc*, CVSTAT = *&status*

Reason:

During a Flash copy of a VSAM data set on an IBM 2105 (Shark) device, Snapshot General Services encountered an error while reading the format 1 DSCB for the data component. The copy was failed. *&sn* is the data set name. *&c* is the return code from CVAFDIR. *tatus* is the status code returned by CVAFDIR.

Module:

TGAIDREN

TGRIDR004E

CVAFDIR error writing F1 DSCB for data component for data set *&dsn* RC = *rc*, CVSTAT = *status*

Reason:

During a Flash copy of a VSAM data set on an IBM 2105 (Shark) device, Snapshot General Services encountered an error while writing the format 1 DSCB for the data component. The copy was failed. *&sn* is the data set name. *&rc* is the return code from CVAFDIR. *&tatus* is the status code returned by CVAFDIR.

Module: TGAIDREN

TGRIDR005E

CVAFDIR error reading F1 DSCB for index component for data set *&dsn*
RC = *&rc*, CVSTAT = *&status*

Reason:

During a Flash copy of a VSAM data set on an IBM 2105 (Shark) device, Snapshot General Services encountered an error while reading the format 1 DSCB for the index component. The copy was failed. *&dsn* is the data set name. *&rc* is the return code from CVAFDIR. *&status* is the status code returned by CVAFDIR.

Module:

TGAIDREN

TGRIDR006E

CVAFDIR error writing F1 DSCB for index component for data set *&dsn*
RC = *&rc*, CVSTAT = *&status*

Reason:

During a Flash copy of a VSAM data set on an IBM 2105 (Shark) device, Snapshot General Services encountered an error while writing the format 1 DSCB for the data component. The copy was failed. *&dsn* is the data set name. *&rc* is the return code from CVAFDIR. *&status* is the status code returned by CVAFDIR.

Module:

TGAIDREN

TGRIDR007E

CVAFDIR error reading F1 DSCB for VVDS on volser *&volser*
RC = *&rc*, CVSTAT = *&status*

Reason:

During a Flash copy of a data set on an IBM 2105 (Shark) device, Snapshot General Services encountered an error while reading the format 1 DSCB for the VVDS data set. The copy was failed. *&volser* is the volume serial number of the volume that was being read from. *&rc* is the return code from CVAFDIR. *&status* is the status code returned by CVAFDIR.

Module:

TGAIDREN

TGRIDR008E

CVAFDIR error writing F1 DSCB for VVDS on volser *&volser* RC = *&rc*, CVSTAT = *&status*

Reason:

During a Flash copy of a data set on an IBM 2105 (Shark) device, Snapshot General Services encountered an error while writing the format 1 DSCB for the VVDS data set. The copy was failed. *&volser* is the volume serial number of the volume that was being written to. *&rc* is the return code from CVAFDIR. *&status* is the status code returned by CVAFDIR.

Module:

TGAIDREN

TGRIDR009E

**CVAFDIR error reading F1 DSCB for data set *&dsn*
RC = *&rc*, CVSTAT = *&status***

Reason:

During a Flash copy of a data set on an IBM 2105 (Shark) device, Snapshot General Services encountered an error while reading the format 1 DSCB for the data set. The copy was failed. *&dsn* is the data set name. *&rc* is the return code from CVAFDIR. *&status* is the status code returned by CVAFDIR.

Module:

TGAIDREN

TGRIDR010E

**CVAFDIR error writing F1 DSCB for data set *&dsn*
RC = *&rc*, CVSTAT = *&status***

Reason:

During a Flash copy of a data set on an IBM 2105 (Shark) device, Snapshot General Services encountered an error while writing the format 1 DSCB for the data set. The copy was failed. *&dsn* is the data set name. *&rc* is the return code from CVAFDIR. *&status* is the status code returned by CVAFDIR.

Module:

TGAIDREN

TGRIDR011E

CVAFDIR error releasing buffers: RC = *&rc*, CVSTAT = *&status*

Reason:

During a Flash copy of a data set on an IBM 2105 (Shark) device, Snapshot General Services encountered an error while releasing CVAFDIR buffers. The copy was failed. *&rc* is the return code from CVAFDIR. *&status* is the status code returned by CVAFDIR.

Module:

TGAIDREN

TGRIDR012E

**LOCATE error on data component for data set *&dsn*
RC = *&rc*, RS = *&rs***

Reason:

During a Flash copy of a VSAM data set on an IBM 2105 (Shark) device, Snapshot General Services encountered an error while performing a LOCATE for the data component. The copy was failed. *&rc* is the return code from the LOCATE service. *&rs* is the reason code from the LOCATE service.

Module:

TGAIDREN

TGRIDR013E

**LOCATE error on index component for data set *&dsn*
RC = *&rc*, RS = *&rs***

Reason:

During a Flash copy of a VSAM data set on an IBM 2105 (Shark) device, Snapshot General Services encountered an error while performing a LOCATE for the index component. The copy was failed. *&rc* is the return code from the LOCATE service. *&rs* is the reason code from the LOCATE service.

Module:

TGAIDREN

TGRIDR014E

CATALOG error for data set *&dsn*
RC = *&rc*, RS = *&rs*

Reason:

During a Flash copy of a data set on an IBM 2105 (Shark) device, Snapshot General Services encountered an error while performing a CATALOG request. The copy was failed. *&dsn* is the name of the data set. *&rc* is the return code from the CATALOG service. *&rs* is the reason code from the CATALOG service.

Module:

TGAIDREN

TGRIDR015E

VVDS error reading VVR for data component of data set *&dsn*
RC = *&rc*, RS = *&rs*

During a Flash copy of a VSAM data set on an IBM 2105 (Shark) device, Snapshot General Services encountered an error while reading the VVR record for the data component. The copy was failed. *&dsn* is the name of the data set. *&rc* is the return code from the TGAVVDS service. *&rs* is the reason code from the TGAVVDS service.

Module:

TGAIDREN

TGRIDR016E

VVDS error reading VVR for index component of data set *&dsn*
RC = *&rc*, RS = *&rs*

Reason:

During a Flash copy of a VSAM data set on an IBM 2105 (Shark) device, Snapshot General Services encountered an error while reading the VVR record for the index component. The copy was failed. *&dsn* is the name of the data set. *&rc* is the return code from the TGAVVDS service. *&rs* is the reason code from the TGAVVDS service.

Module:

TGAIDREN

TGRIDR017E

VVDS error reading VVR for VVDS on volser *&volser*
RC = *&rc*, RS = *&rs*

Reason:

During a Flash copy of a data set on an IBM 2105 (Shark) device, Snapshot General Services encountered an error while reading the VVR record for the VVDS data set. The copy was failed. *&volser* is the volume serial number of the volume that was being read from. *&rc* is the return code from the TGAVVDS service. *&rs* is the reason code from the TGAVVDS service.

Module:

TGAIDREN

TGRIDR018E

VVDS error on INIT call for data component comp for data set *&dsn*
RC = *&rc*, RS = *&rs*

Reason:

During a Flash copy of a VSAM data set on an IBM 2105 (Shark) device, Snapshot General Services encountered an error initializing the TGAVVDS service for the data component. The copy was failed. *&comp* is the name of the data component. *&dsn* is the name of the data set. *&rc* is the return code from the TGAVVDS service. *&rs* is the reason code from the TGAVVDS service.

Module:

TGAIDREN

TGRIDR019E

VVDS error on INIT call for index component *&comp* for data set *&dsn*
RC = *&rc*, RS = *&rs*

Reason:

During a Flash copy of a VSAM data set on an IBM 2105 (Shark) device, Snapshot General Services encountered an error initializing the TGAVVDS service for the index component. The copy was failed. *&comp* is the name of the index component. *&dsn* is the name of the data set. *&rc* is the return code from the TGAVVDS service. *&rs* is the reason code from the TGAVVDS service.

Module:

TGAIDREN

TGRIDR020E

VVDS error on INIT call for reading VVR for VVDS on volser *&volser*
RC = *&rc*, RS = *&rs*

Reason:

During a Flash copy of a VSAM data set on an IBM 2105 (Shark) device, Snapshot General Services encountered an error initializing the TGAVVDS service for the data component. The copy was failed. *&volser* is the volume serial number of the volume that was being read from. *&rc* is the return code from the TGAVVDS service. *&rs* is the reason code from the TGAVVDS service.

Module:

TGAIDREN

TGRIDR021E

VVDS error on INIT call for data component *&comp* for data set *&dsn*
RC = *&rc*, RS = *&rs*

Reason:

During a Flash copy of a VSAM data set on an IBM 2105 (Shark) device, Snapshot General Services encountered an error initializing the TGAVVDS service for the data component. The copy was failed. *&comp* is the name of the data component. *&dsn* is the name of the data set. *&rc* is the return code from the TGAVVDS service. *&rs* is the reason code from the TGAVVDS service.

Module:

TGAIDREN

TGRIDR022E

VVDS error on INIT call for index component *&comp* for data set *&dsn*
RC = *&rc*, RS = *&rs*

Reason:

During a Flash copy of a VSAM data set on an IBM 2105 (Shark) device, Snapshot General Services encountered an error initializing the TGAVVDS service for the index component. The copy was failed. *&comp* is the name of the index component. *&dsn* is the name of the data set. *&rc* is the return code from the TGAVVDS service. *&rs* is the reason code from the TGAVVDS service.

Module:

TGAIDREN

TGRIDR023E

VVDS error on INIT call for reading VVR for VVDS on volser *&volser*
RC = *&rc*, RS = *&rs*

Reason:

During a Flash copy of a VSAM data set on an IBM 2105 (Shark) device, Snapshot General Services encountered an error initializing the TGAVVDS service for the data component. The copy was failed. *&volser* is the volume serial number of the volume that was being read from. *&rc* is the return code from the TGAVVDS service. *&rs* is the reason code from the TGAVVDS service.

Module:

TGAIDREN

TGRIDR024E

VVDS error on TERM call for data component *&comp* for data set *&dsn*
RC = *&rc*, RS = *&rs*

Reason:

During a Flash copy of a VSAM data set on an IBM 2105 (Shark) device, Snapshot General Services encountered an error terminating the TGAVVDS service for the data component. The copy was failed. *&comp* is the name of the data component. *&dsn* is the name of the data set. *&rc* is the return code from the TGAVVDS service. *&rs* is the reason code from the TGAVVDS service.

Module:

TGAIDREN

TGRIDR025E

VVDS error on TERM call for index component *&comp* for data set *&dsn*
RC = *&rc*, RS = *&rs*

Module:

During a Flash copy of a VSAM data set on an IBM 2105 (Shark) device, Snapshot General Services encountered an error terminating the TGAVVDS service for the index component. The copy was failed. *&comp* is the name of the index component. *&dsn* is the name of the data set. *&rc* is the return code from the TGAVVDS service. *&rs* is the reason code from the TGAVVDS service.

Module:

TGAIDREN

TGRIDR026E

**VVDS error on TERM call for reading VVR for VVDS on volser *&volser*
RC = *&rc*, RS = *&rs***

Reason:

During a Flash copy of a data set on an IBM 2105 (Shark) device, Snapshot General Services encountered an error terminating the TGAVVDS service for the data component. The copy was failed. *&volser* is the volume serial number of the volume that was being read from. *&rc* is the return code from the TGAVVDS service. *&rs* is the reason code from the TGAVVDS service.

Module:

TGAIDREN

TGRIDR027E

**VVDS error on TERM call for data component *&comp* for data set *&dsn*
RC = *&rc*, RS = *&rs***

Reason:

During a Flash copy of a VSAM data set on an IBM 2105 (Shark) device, Snapshot General Services encountered an error terminating the TGAVVDS service for the data component. The copy was failed. *&comp* is the name of the data component. *&dsn* is the name of the data set. *&rc* is the return code from the TGAVVDS service. *&rs* is the reason code from the TGAVVDS service.

Module:

TGAIDREN

TGRIDR028E

**VVDS error on TERM call for index component *&comp* for data set *&dsn*
RC = *&rc*, RS = *&rs***

Reason:

During a Flash copy of a VSAM data set on an IBM 2105 (Shark) device, Snapshot General Services encountered an error terminating the TGAVVDS service for the index component. The copy was failed. *&comp* is the name of the index component. *&dsn* is the name of the data set. *&rc* is the return code from the TGAVVDS service. *&rs* is the reason code from the TGAVVDS service.

Module:

TGAIDREN

TGRIDR029E

**VVDS error on TERM call for reading VVR for VVDS on volser *&volser*
RC = *&rc*, RS = *&rs***

Reason:

During a Flash copy of a data set on an IBM 2105 (Shark) device, Snapshot General Services encountered an error terminating the TGAVVDS service for the data component. The copy was failed. *&volser* is the volume serial number of the volume that was being read from. *&rc* is the return code from the TGAVVDS service. *&rs* is the reason code from the TGAVVDS service.

Module:

TGAIDREN

TGRIDR030E

**VVDS error writing VVR for data component *&comp* for data set *&dsn*
RC = *&rc*, RS = *&rs***

Reason:

During a Flash copy of a VSAM data set on an IBM 2105 (Shark) device, Snapshot General Services encountered an error writing the VVR record for the data component. The copy was failed. *&comp* is the name of the data component. *&dsn* is the name of the data set. *&rc* is the return code from the TGAVVDS service. *&rs* is the reason code from the TGAVVDS service.

Module:

TGAIDREN

TGRIDR031E

**VVDS error writing VVR for index component *comp* for data set *&dsn*
RC = *&rc*, RS = *&rs***

Reason:

During a Flash copy of a VSAM data set on an IBM 2105 (Shark) device, Snapshot General Services encountered an error writing the VVR record for the index component. The copy was failed. *&comp* is the name of the index component. *&dsn* is the name of the data set. *&rc* is the return code from the TGAVVDS service. *&rs* is the reason code from the TGAVVDS service.

Module:

TGAIDREN

TGRIDR032E

CVAFDSM error adding VTOC index entry for data set *dsname*
RC = *rc*, CVSTAT = *stat*

Reason:

An error occurred when Snapshot General Services attempted to add a new data set to the VTOC index. Values specified in the message text are as follows:

dsname

Identifies the name of the data set that was being processed at the time of the error.

rc

Identifies the return code from the CVAFDSM macro. The CVAF VTOC access macros are described in the IBM *DFSMSdfp Advanced Services* manual.

stat

Identifies the status code from the CVAFDSM macro. The CVSTAT field codes are described in the IBM *DFSMSdfp Diagnosis Reference* manual.

Module: TGAIDREN

TGRIDR033E

CVAFDIR error writing VTOC index buffers for dataset *dsname*
RC = *rc*, CVSTAT = *stat*

Reason:

An error occurred when Snapshot General Services attempted to write index buffers to the VTOC index. Values specified in the message text are as follows:

- *dsname*—The name of the data set that was being processed at the time of the error.
- *rc*—The return code from the CVAFDSM macro. These return codes are documented in the *IBM DFSMSdfp Advanced Services* manual. See the appendix, "CVAF VTOC access macros" section.
- *stat*—The status code from the CVAFDSM macro. These codes are documented in the *IBM DFSMSdfp Diagnosis Reference* manual. See the "CVSTAT field codes" section.

Module: TGAIDREN

TGRIDR034E

**CVAFDIR error reading F1 DSCB for data component for data set *dsname* RC = *rc*,
CVSTAT = *stat***

Reason:

An error occurred when Snapshot General Services attempted to read the format 1 DSCB for the data component of a VSAM data set.

dsname

Identifies the name of the data set that was being processed at the time of the error.

rc

Identifies the return code from the CVAFDIR macro. The CVAF VTOC access macros are described in the IBM *DFSMSdfp Advanced Services* manual.

stat

Identifies the status code from the CVAFDIR macro. The CVSTAT field codes are described in the IBM *DFSMSdfp Diagnosis Reference* manual.

Module: TGAIDREN

TGRIDR035E

**CVAFDIR error reading F1 DSCB for index component for data set *dsname* RC = *rc*,
CVSTAT = *stat***

Reason:

An error occurred when Snapshot General Services attempted to read the format 1 DSCB for the index component of a VSAM data set.

dsname

Identifies the name of the data set that was being processed at the time of the error.

rc

Identifies the return code from the CVAFDIR macro. The CVAF VTOC access macros are described in the IBM *DFSMSdfp Advanced Services* manual.

stat

Identifies the status code from the CVAFDIR macro. The CVSTAT field codes are described in the IBM *DFSMSdfp Diagnosis Reference* manual.

Module: TGAIDREN

TGRIDR036E

CVAFDSM error adding VTOC index entry for data component of data set *dsname*, RC = *rc*, CVSTAT = *stat*

Reason:

An error occurred when Snapshot General Services attempted to add the data component of a VSAM data set to the VTOC index.

dsname

Identifies the name of the data set that was being processed at the time of the error.

rc

Identifies the return code from the CVAFDSM macro. The CVAF VTOC access macros are described in the IBM *DFSMSdfp Advanced Services* manual.

stat

Identifies the status code from the CVAFDSM macro. The CVSTAT field codes are described in the IBM *DFSMSdfp Diagnosis Reference* manual.

Module:

TGAIDREN

TGRIDR037E

CVAFDSM error adding VTOC index entry for index component of data set *dsname*, RC = *rc*, CVSTAT = *stat*

Reason:

An error occurred when Snapshot General Services attempted to add the index component of a VSAM data set to the VTOC index.

dsname

Identifies the name of the data set that was being processed at the time of the error.

rc

Identifies the return code from the CVAFDSM macro. The CVAF VTOC access macros are described in the IBM *DFSMSdfp Advanced Services* manual.

stat

Identifies the status code from the CVAFDSM macro. The CVSTAT field codes are described in the IBM *DFSMSdfp Diagnosis Reference* manual.

Module:

TGAIDREN

TGRIDR038E

VVDS error reading NVR for extended sequential data set *dsname*, RC = *rc*, RS = *rs*

Reason:

An error occurred when Snapshot General Services tried to read the NVR (Non-VSAM Volume Record) for an extended sequential data set.

dsname

Identifies the name of the data set that was being processed at the time of the error.

rc

Identifies the return code from the TGAVVDS module.

rs

Identifies the reason code from the TGAVVDS module.

Module: TGAIDREN

TGRIDR039E

VVDS error on INIT call for extended sequential data set *dsname*, RC = *rc*, RS = *rs*

Reason:

An error occurred when Snapshot General Services was initializing for access to the source VVDS for an extended sequential data set.

dsname

Identifies the name of the data set that was being processed at the time of the error.

rc

Identifies the return code from the TGAVVDS module.

rs

Identifies the reason code from the TGAVVDS module.

Module: TGAIDREN

TGRIDR040E

VVDS error on TERM call for extended sequential data set *dsname*, RC = *rc*, RS = *rs*

Reason:

An error occurred when Snapshot General Services was terminating access to the source VVDS for an extended sequential data set.

dsname

Identifies the name of the data set that was being processed at the time of the error.

rc

Identifies the return code from the TGAVVDS module.

rs

Identifies the reason code from the TGAVVDS module.

Module: TGAIDREN

TGRIDR041E

VVDS error on INIT call for extended sequential data set *dsname*, RC = *rc*, RS = *rs*

Reason:

An error occurred when Snapshot General Services was initializing for access to the target VVDS for an extended sequential data set.

dsname

Identifies the name of the data set that was being processed at the time of the error.

rc

Identifies the return code from the TGAVVDS module.

rs

Identifies the reason code from the TGAVVDS module.

Module: TGAIDREN

TGRIDR042E

**VVDS error writing NVR for extended sequential data set *dsname*,
RC = *rc*, RS = *rs***

Reason:

An error occurred when Snapshot General Services tried to write the NVR (Non-VSAM Volume Record) for an extended sequential data set.

- *dsname*—The name of the data set being processed at the time of error.
- *rc*—The return code from the TGAVVDS module.
- *rs*—The reason code from the TGAVVDS module.

Module: TGAIDREN

TGRIDR043E

VVDS error on TERM call for extended sequential data set *dsname*, RC = *rc*, RS = *rs*

Reason:

An error occurred when Snapshot General Services was terminating access to the target VVDS for an extended sequential data set.

- *dsname*—The name of the data set being processed at the time of error.
- *rc*—The return code from the TGAVVDS module.
- *rs*—The reason code from the TGAVVDS module.

Module: TGAIDREN

TGRINI001E

Error in Snapshot General Services PC initialization, TGLPCIN RC = *&rc*

Reason:

During Snapshot General Services initialization, the TGLPCIN module was unable to initialize the Snapshot General Services PC routine.

&rc

Indicates the return code from TGLPCIN:

- 4—A linkage index could not be reserved.
- 8—An entry table could not be created.

Snapshot General Services initialization is terminated.

Action:

None.

Module:

TGAINIT

TGRINI002E

Error in Snapshot General Services initialization: Could not load *&routine*, RC = *&rc*, RS = *&rs*

Reason:

During Snapshot General Services initialization, one of the Snapshot General Services load modules could not be loaded.

&routine

Specifies the name of the load module that could not be loaded.

&rc

Specifies the reason code from the IBM IEWFETCH module.

&rs

Indicates the reason code returned by the module loader.

Snapshot General Services initialization is terminated.

Action:

None.

Module:

TGAINIT

TGRINI003I**Snapshot General Services Initialization, Version TGAINIT yy/mm/dd hh.mm****Reason:**

This message is issued during Snapshot General Services initialization if the INITMSGSGS keyword was specified. It displays the version of the TGAINIT module being run. yy/mm/dd is the assembly date of the TGAINIT module. hh.mm is the assembly time of the TGAINIT module.

Action:

None.

Module:

TGAINIT

TGRINI004I**Snapshot General Services Master &control-block is at location &address****Reason:**

This message is issued during Snapshot General Services initialization if the INITMSGSGS keyword was specified. It displays the location in storage of control blocks used by the Master Snapshot General Services subsystem. Note the following:

- TGVt is the Snapshot General Services Global Vector Table
- TGIB is the Snapshot General Services Global Installer Block
- SSCT is the Snapshot General Services Sub-System Communications vector Table
- *&address* is the hexadecimal address of the control block.

Action:

None.

Module:

TGAINIT

TGRINI005E

**Snapshot General Services keyword *&keyword* is too long (*&length*).
Maximum length is *&maxlen***

Reason:

The value specified for a keyword passed to Snapshot General Services initialization was too long. *&keyword* is the keyword in error: PARMDSN, PARMVOL, or SUBSYS. *&length* is the length of the value supplied for the keyword. *&maxlen* is the maximum valid length for the keyword value.

Action:

Correct the keyword value, and re-run Snapshot General Services initialization.

Module:

TGAINIT

TGRINI006E

Snapshot General Services initialization terminated due to errors

Reason:

Errors occurred during Snapshot General Services initialization, causing it to be terminated. Previous messages should indicate what the errors are.

Action:

Correct the errors indicated by the previous messages, and re-run Snapshot General Services initialization.

Module:

TGAINIT

TGRINI007E

Lengths of old (*&oldlen*) and new (*&newlen*) *&control-block* are unequal-Reinitialization failed.

Reason:

During a Snapshot General Services reinitialization, the length of control blocks in storage, and control blocks to as known to Snapshot General Services initialization, were different. This typically means that a new version of Snapshot General Services initialization is being run, and that the control blocks are incompatible with those already in storage. Reinitialization failed.

&oldlen is the length of the control block in storage. *&newlen* is the length of the control block in the Snapshot General Services initialization program. *&control-block* is name of the control block in error:

- TGVt-Snapshot General Services Global Vector Table
- TGIB-Snapshot General Services Global Installer Block

Action:

An IPL is required to initialize Snapshot General Services with the new control blocks.

Module:

TGAINIT

TGRINI008I

Snapshot General Services *&subsys* subsystem *&control-block* is at location *&address*

Reason:

This message is issued during Snapshot General Services initialization if the INITMSG keyword was specified and a secondary Snapshot General Services subsystem is being initialized. It displays the location in storage of control blocks used by the secondary Snapshot General Services subsystem. *&subsys* is the name of the subsystem. *&address* is the hexadecimal address of the control block. *&control-block* is name of the control block:

- TGVt-Snapshot General Services Global Vector Table
- TGIB-Snapshot General Services Global Installer Block
- SSCT-Snapshot General Services Sub-System Communications vector Table

Action:

None.

Module:

TGAINIT

TGRINI009I

Snapshot General Services reinitialization is complete

Reason:

This message is issued during Snapshot General Services initialization if the INITMSG keyword was specified and if the Master Snapshot General Services subsystem, or a secondary Snapshot General Services subsystem, is being reinitialized. The message indicates that reinitialization was successful.

Action:

None.

Module:

TGAINIT

TGRINI010E

SUBSYS value, *&subsys*, is invalid; must be alphanumeric

Reason:

The SUBSYS keyword was specified during Snapshot General Services initialization. The value specified for the subsystem was not alphanumeric. Snapshot General Services initialization is terminated.

Action:

Correct the value for the SUBSYS keyword, and re-run Snapshot General Services initialization.

Module:

TGAINIT

TGRINI011E**Error in Snapshot General Services Parmfile processing, RC = &rc****Reason:**

While the Snapshot General Services subsystem was being initialized or reinitialized, and error occurred processing the parameter file. &rc is the return code from Snapshot General Services Parmfile processing (TGAPFRDR):

- 8 The parameter file could not be allocated.
- 12 The parameter file could not be opened.
- 16 The DCB LRECL or RECFM of the file was not supported. The file must be DCB=(RECFM=FB,LRECL=80)
- 20 A SYNAD error occurred while reading the parameter file.
- 24 An error occurred while assembling a Snapshot General Services parameter statement from multiple lines.
- 28 An error occurred while processing a Snapshot General Services parameter statement.
- 32 A Snapshot General Services parameter statement was incompletely specified.

Action:

If the error was a user error, correct it and re-run Snapshot General Services initialization.

Module:

TGAINIT

TGRINI012E**Subsystem name CATG is reserved for the master Snapshot General Services subsystem****Reason:**

A subsystem name of CATG was specified on the SUBSYS keyword of the Snapshot General Services initialization parameters. This subsystem name is reserved for the Snapshot General Services master subsystem.

Action:

Change the SUBSYS keyword to specify a different subsystem name.

Module:

TGAINIT

TGRINI015E

Error swapping SSVTs for *&subsys* subsystem Return code *&rc*, Reason code *&rs*

Reason:

Snapshot General Services creates two subsystem vector tables (SSVTs) for each subsystem, and when a Snapshot General Services subsystem is reinitialized, it updates the secondary SSVT, then swaps it with the primary one. This allows the updates to take place without disrupting currently-running Snapshot General Services jobs. This message indicates that an error occurred while swapping the SSVTs.

Values in the message text are as follows:

- *&subsys* is the name of the subsystem
- *&rc* is the return code from the IEFSSI service.
- *&rs* is the reason code from the IEFSSI service.

Module: TGAINIT

TGRINI016E

Error building SSVT B for *&subsys* subsystem Return code *&rc*, Reason code *&rs*

Reason:

Snapshot General Services encountered an error while building a subsystem vector table (SSVT) for a Snapshot General Services subsystem.

Values in the message text are as follows

- *&subsys* is the name of the subsystem.
- *&rc* is the return code from the IEFSSVT service.
- *&rs* is the return code from the IEFSSVT service.

Module: TGAINIT

TGRINI017E

Error activating SSVT for *&subsys* subsystem Return code *&rc*, Reason code *&rs*

Reason:

Snapshot General Services encountered an error while activating a subsystem vector table (SSVT) for a Snapshot General Services subsystem.

- *&subsys* is the name of the subsystem.
- *&rc* is the return code from the IEFSSVT service.
- *&rs* is the return code from the IEFSSVT service.

Module: TGAINIT

TGRINI018E**Duplicate initialization of *&subsys* subsystem****Reason:**

While initializing a Snapshot General Services subsystem, Snapshot General Services found that the specified subsystem was not present, but when it tried to create it, it found that the subsystem was present. This is a timing issue, and indicates that another job was initializing the same subsystem at the same time. The current job exited without re-creating the subsystem.

&subsys is the name of the subsystem that was being initialized.

Action:

Re-run the job to re-initialize the Snapshot General Services subsystem.

Module:

TGAINIT

TGRINI022I***&name* release *&release* is present****Reason:**

CA Snapshot General Services issues this informational message during initialization or reinitialization to indicate the release of CA Common Services (CCS) that are present. This message is issued only if the CCS release is r12 or greater.

- *&name* is the name of the CCS release (for example, "CA-RIM/BASE 1200").
- *&release* is the CCS release level (for example, "12000903AW000").

Action:

This message is informational only. Processing continues. If you report a problem with CA Snapshot General Services initialization, CA Technical Support may ask you for this information

Module:

TGAINIT

TGRINI023I

Macro version: *&macver*, Macro release: *&macrel*

Reason:

This message displays the macro release and version of the Snapshot General Services subsystem being initialized. Provide this information to CA Support when requested.

&macver

Identifies the macro version. The macro version is updated whenever an incompatible change to the Snapshot General Services API is made.

&macrel

Identifies the macro release. The macro release is incremented for each release of Snapshot General Services.

Action:

None.

Module:

TGAINIT

TGRIVC001E

Target device must be online

Reason:

During a Flash copy of a data set on an IBM 2105 (Shark) device, Snapshot General Services could not perform the copy because the target device was offline. The copy failed.

Action:

Verify that the target device is online and rerun the job.

Module:

TGAIVCPY

TGRIVC002E

ANTRQST error scheduling copy request; RC = *&rc*, RS = *&rs*

Reason:

During a Flash copy of a data set on an IBM 2105 (Shark) device, an error occurred while Snapshot General Services was scheduling the copy with the Asynchronous Operations Manager (AOM). The copy failed.

&rc

Identifies the return code from AOM.

&rs

Identifies the reason code from AOM.

Action:

Use the information displayed in the message text to correct the problem.

Module:

TGAIVCPY

TGRIVC002I

EFCR TOD = *hh:mm:ss.dddddd*, VOL = *volser*

Reason:

This performance-measurement message displays only if the job step contains a //TGRTIMER DD DUMMY DD statement. This should be done only on request by Technical Support.

EFCR

Indicates that the TOD represents the time that an Establish FlashCopy Relationship operation was scheduled.

hh:mm:ss.dddddd

Identifies the time-of-day, in hours, minutes, seconds, and decimal seconds.

volser

Identifies the volume serial number.

Action:

None.

Module:

TGAIVCPY

TGRIVC003E

ANTRQST error executing copy request; RC = &rc, RS = &rs

Reason:

During a Flash copy of a data set on an IBM 2105 (Shark) device, an error occurred while the Asynchronous Operations Manager (AOM) was processing the request. The copy failed.

&rc

Identifies the return code from AOM.

&rs

Identifies the reason code from AOM.

Action:

Contact CA Support for assistance.

Module:

TGAIVCPY

TGRIVC003I

RVLB TOD = *hh:mm:ss.dddddd*, VOL = *volser*

Reason:

This performance-measurement message displays only if the job step contains a //TGRTIMER DD DUMMY DD statement. This should be done only on request by Technical Support.

RVLB

Indicates that the TOD represents the time a Read Volume LaBel operation was scheduled.

hh:mm:ss.dddddd

Identifies the time-of-day, in hours, minutes, seconds, and decimal seconds.

volser

Identifies the volume serial number.

Action:

None.

Module:

TGAIVCPY

TGRIVC004E

ANTRQST msg returned = *&text*

Reason:

During a Flash copy of a data set on an IBM 2105 (Shark) device, an error message was returned by the Asynchronous Operations Manager (AOM).

&text

Identifies the text of the returned error message.

Action:

Use the information in the message text to correct the problem.

Module:

TGAIVCPY

TGRIVC004I

WVLB TOD = *hh:mm:ss.dddddd*, VOL = *volser*

Reason:

This performance-measurement message displays only if the job step contains a //TGRTIMER DD DUMMY DD statement. This should be done only on request by Technical Support.

WVLB

Indicates that the TOD represents the time a Write Volume LaBel operation was scheduled.

hh:mm:ss.dddddd

Identifies the time-of-day, in hours, minutes, seconds, and decimal seconds.

volser

Identifies the volume serial number.

Action:

None.

Module:

TGAIVCPY

TGRIVC005I

RF4

TOD = *hh:mm:ss.dddddd*, VOL = *volser*

Reason:

This performance-measurement message displays only if the job step contains a //TGMTIMER DD DUMMY DD statement. This should be done only on request by Technical Support.

RF4

Indicates that the TOD represents the time a Read Format-4 DSCB operation was scheduled.

hh:mm:ss.dddddd

Identifies the time-of-day, in hours, minutes, seconds, and decimal seconds.

volser

Identifies the volume serial number.

Action:

None.

Module:

TGAIVCPY

TGRIVC006I**WF4**

TOD = *hh:mm:ss.dddddd*, VOL = *volser*

Reason:

This performance-measurement message displays only if the job step contains a //TGRTIMER DD DUMMY DD statement. This should be done only on request by Technical Support.

WF4

Indicates that the TOD represents the time a Write Format-4 DSCB operation was scheduled.

hh:mm:ss.dddddd

Identifies the time-of-day, in hours, minutes, seconds, and decimal seconds.

volser

Identifies the volume serial number.

Action:

None.

Module:

TGAIVCPY

TGRIVC007I

RVF1 TOD = *hh:mm:ss.dddddd*, VOL = *volser*

Reason:

This performance-measurement message displays only if the job step contains a //TGRTIMER DD DUMMY DD statement. This should be done only on request by Technical Support.

RVF1

Indicates that the TOD represents the time a Read VVDS Format-1 DSCB operation was scheduled.

hh:mm:ss.dddddd

Identifies the time-of-day, in hours, minutes, seconds, and decimal seconds.

volser

Identifies the volume serial number.

Action:

None.

Module:

TGAIVCPY

TGRIVC008I

WVF1 TOD = *hh:mm:ss.dddddd*, VOL = *volser*

Reason:

This performance-measurement message displays only if the job step contains a //TGRTIMER DD DUMMY DD statement. This should be done only on request by Technical Support.

WVF1

Indicates that the TOD represents the time a Write VVDS Format-1 DSCB operation was scheduled.

hh:mm:ss.dddddd

Identifies the time-of-day, in hours, minutes, seconds, and decimal seconds.

volser

Identifies the volume serial number.

Action:

None.

Module:

TGAIVCPY

TGRIVC009I

MWT1 TOD = *hh:mm:ss.dddddd*

Reason:

This performance-measurement message displays only if the job step contains a //TGRTIMER DD DUMMY DD statement. This should be done only on request by Technical Support.

MWT1

Indicates that the TOD represents the time a multi-WAIT was issued.

hh:mm:ss.dddddd

Identifies the time-of-day, in hours, minutes, seconds, and decimal seconds.

volser

Identifies the volume serial number.

Action:

None.

Module:

TGAIVCPY

TGRIVC010I

MWT2 TOD = *hh:mm:ss.dddddd*

Reason:

This performance-measurement message displays only if the job step contains a //TGRTIMER DD DUMMY DD statement. This should be done only on request by Technical Support.

MTW2

Indicates that the TOD represents the time control returned from a multi-WAIT.

hh:mm:ss.dddddd

Identifies the time-of-day, in hours, minutes, seconds, and decimal seconds.

volser

Identifies the volume serial number.

Action:

None.

TGRIVC011E

ANTRQST error scheduling copy request; RC = *rc*, RS = *rs*

Reason:

An error occurred when Snapshot General Services attempted to schedule a copy request on an IBM Shark device.

rc

Identifies the return code from ANTRQST.

rs

Identifies the reason code from ANTRQST.

Note: For the explanation of return and reason codes from ANTRQST, see the IBM *MVS System Messages Vol. 1 (ABA-AOM)*.

Action:

Contact CA Support for assistance.

Module:

TGAIVCPY

TGRIVC012E

ANTRQST error executing copy request; RC = *&rc*, RS = *&rs*

Reason:

An error occurred during the execution of a Snapshot General Services copy request on an IBM Shark device.

&rc

Identifies the return code from ANTRQST.

&rs

Identifies the reason code from ANTRQST.

Note: For the explanation of return and reason codes from ANTRQST, see the IBM *MVS System Messages Vol. 1 (ABA-AOM)*.

Action:

Contact CA Support for assistance.

Module:

TGAIVCPY

TGRIVC013E

ANTRQST msg returned = *&message*

Reason:

This message follows TGRIVC011E or TGRIVC012E message, and displays the message text returned by the ANTRQST macro.

&message

Specifies the returned message text.

Action:

Contact CA Support for assistance.

Module:

TGAIVCPY

TGRIVC014E

Error reading source volume label on *volser*, R15 = *r15*

Reason:

An error occurred while Snapshot General Services was attempting to read a volume label.

volser

Identifies the volume serial number of the volume being processed when the error occurred.

r15

Identifies the return code from the TGASIOAM module.

Action:

Contact CA Support for assistance.

Module:

TGAIVCPY

TGRIVC015E

Error reading target volume label on *volser*, R15 = *r15*

Reason:

An error occurred while Snapshot General Services was attempting to read a volume label.

volser

Identifies the volume serial number of the volume being processed when the error occurred.

r15

Identifies the return code from the TGASIOAM module.

Action:

Contact CA Support for assistance.

Module:

TGAIVCPY

TGRIVC016E

Error writing target volume label on *volser*, R15 = *r15*

Reason:

An error occurred while Snapshot General Services was attempting to write a volume label.

volser

Identifies the volume serial number of the volume being processed when the error occurred.

r15

Identifies the return code from the TGASIOAM module.

Action:

Contact CA Support for assistance.

Module:

TGAIVCPY

TGRIVC017E

Error reading VVDS DSCB from target VTOC on *volser*, R15 = *r15*, CVSTAT = *stat*

Reason:

An error occurred while Snapshot General Services attempted to read the Data Set Control Block (DSCB) for the VVDS data set on a volume.

volser

Identifies the volume serial number of the volume being processed when the error occurred.

rc

Identifies the return code from the CVAFDIR macro.

stat

Identifies the status code from the CVAFDIR macro.

Note: For the explanation of return code from CVAFDIR, see the IBM *DFSMSdfp Advanced Services*, appendix "CVAF VTOC access macros". For the explanation of status code from CVAFDIR, see the IBM *DFSMSdfp Diagnosis Reference*.

Action:

Contact CA Support for assistance.

Module:

TGAIVCPY

TGRIVC018E

Error writing VVDS DSCB to target VTOC on *volser*, R15 = *r15*, CVSTAT = *stat*

Reason:

An error occurred while Snapshot General Services attempted to rewrite the Data Set Control Block (DSCB) for the VVDS data set on a volume.

volse

Identifies the volume serial number of the volume being processed when the error occurred.

rc

Identifies the return code from the CVAFDIR macro.

stat

Identifies the status code from the CVAFDIR macro.

Note: For the explanation of return code from CVAFDIR , see the IBM *DFSMSdfp Advanced Services*, appendix "CVAF VTOC access macros". For the explanation of status code from CVAFDIR , see the IBM *DFSMSdfp Diagnosis Reference*.

Action:

Contact CA Support for assistance.

Module:

TGAIVCPY

TGRIVC019E

Error reading Format 4 DSCB from target VTOC on volser, R15 = r15

Reason:

An error occurred while Snapshot General Services was attempting to read the Format 4 Data Set Control Block (DSCB) for a volume.

volser

Identifies the volume serial number of the volume being processed when the error occurred.

r15

Identifies the return code from the TGASIOAM module.

Action:

Contact CA Support for assistance.

Module:

TGAIVCPY

TGRIVC020E

Error writing Format 4 DSCB to target VTOC on *volser*, R15 = *r15*

Reason:

An error occurred while Snapshot General Services was attempting to write the Format 4 Data Set Control Block (DSCB) for a volume.

volser

The volume serial number of the volume being processed when the error occurred.

r15

The return code from the TGASIOAM module.

Action:

Contact CA Support for assistance.

Module:

TGAIVCPY

TGRMSK001E

Map string is too long (*&length*); max length is 44

Reason:

The map string specified to define data set names for OPTION=FLASH copies of data sets was too long, and was rejected. *&length* is the length of the specified map string.

Action:

Correct the map string and re-run the job.

Module:

TGAMSKST

TGRMSK002E

Qualifier *&qual* is too long (*&length*); Maximum length is 8

Reason:

The map string specified to define data set names for OPTION=FLASH copies of data sets contained a qualifier that was too long, and was rejected. *&qual* is the invalid qualifier. *&length* is the length of the invalid qualifier.

Action:

Correct the map string, and re-run the job.

Module:

TGAMSKST

TGRMSK003E

Qualifier *&num* is zero length

Reason:

The map string specified to define data set names for OPTION=FLASH copies of data sets contained a zero-length qualifier (two periods in a row), and was rejected. *&num* is the position in the string of the invalid qualifier, starting with 1.

Action:

Correct the map string, and re-run the job.

Module:

TGAMSKST

TGRMSK004E

Duplicate ** at qualifier &num1; already specified in qualifier &num2

Reason:

The map string specified to define data set names for OPTION=FLASH copies of data sets contained more than one double-asterisk qualifier. Only one double-asterisk qualifier is allowed in a map string. The map string was rejected.

- &num1 is the number of the duplicate double-asterisk qualifier, starting with 1.
- &num2 is the number of the qualifier where the first double-asterisk qualifier was specified, starting with 1.

Action:

Correct the map string, and re-run the job.

Module:

TGAMSKST

TGRMSK005E

No map was supplied

Reason:

TGAMSKST received a zero-length data set map, which was rejected. This is probably a Snapshot General Services internal error.

Module: TGAMSKST

TGRMSK006E

Error performing symbolic substitution ASASYMBM returned R15 = &r15

Reason:

An error occurred performing system symbol substitution in a data set name target map. This is an internal error, not attributable to user input.

&r15 is the return code from the ASASYMBM routine. It is documented in the ASASYMBP macro in SYS1.MACLIB.

Module: TGAMSKST

TGRNSM001E

***.func* function is not supported**

Reason:

A Snapshot General Services client program issued a CHECKPOINT or RESTART call to a version of Snapshot General Services that does not support these calls.

func is the function that was attempted: CHECKPOINT or RESTART.

Action:

Rerun the job, ensuring that the Snapshot General Services subsystem has been initialized with the same level of code as the utility being used.

Module:

TGRNSMSG

TGRPAR001E

Unexpected return/reason code from TGAPRSCN:

&retcode*/*&rsncode

Reason:

Snapshot General Services option parsing received an unexpected return code from the TGAPRSCN routine. This is probably a Snapshot General Services internal error.

- *&retcode* is the return code.
- *&rsncode* is the reason code.

Module: TGAPRPAR

TGRPAR002E

You must supply a value for the *&keyword* keyword

Reason:

No value was specified for a Snapshot General Services initialization keyword that required one. An example of this would be specifying "SUBSYS" instead of "SUBSYS(name)".

&keyword is the name of the keyword.

Action:

Specify the required initialization keyword.

Module:

TGAPRPAR

TGRPAR003E

You must not supply a value for the *&keyword* keyword

Reason:

A value was specified for a Snapshot General Services initialization keyword that did not allow one. An example of this would be specifying "INITMSG(SYES)" instead of "INITMSG(S)".

&keyword is the name of the keyword.

Action:

Supply the required value.

Module:

TGAPRPAR

TGRPAR004E

**Your options contain an invalid character, *&char*, (*X'&hex*'),
in position *&pos***

Reason:

The options specified for Snapshot General Services initialization contained an invalid character.

- *&char* is the invalid character.
- *&hex* is the hexadecimal representation of the invalid character.
- *&pos* is the position of the invalid character in the parameter string, starting with 1.

Action:

Correct the invalid character and resubmit your job.

Module:

TGAPRPAR

TGRPAR005E

Operand for *&keyword* keyword is too long (>*&len* characters)

Reason:

The operand for a keyword specified in the Snapshot General Services initialization options was too long.

- *&keyword* is the keyword with the invalid value.
- *&len* is the maximum acceptable length for the value of the keyword.

Action:

Specify a keyword with a length less than the maximum specified length.

Module:

TGAPRPAR

TGRPAR006E

Keyword *&keyword....* in column *&pos* is too long (>8 characters)

Reason:

A keyword specified in the Snapshot General Services initialization options was too long.

- *&keyword* is the first eight characters of the invalid keyword.
- *&pos* is the hexadecimal representation of the invalid character.

Action:

Specify a keyword with a length that is less than the maximum specified length.

Module:

TGAPRPAR

TGRPAR007E

Too many values for *&keyword* keyword; the maximum is *&max*

Reason:

A Snapshot General Services initialization option that allowed multiple values was specified. The number of values specified exceeded the maximum allowable.

- *&keyword* is the keyword in error.
- *&max* is the maximum number of allowable values for the keyword.

Action:

Specify a keyword with a length that is less than the maximum specified length.

Module:

TGAPRPAR

TGRPAR008E

Too few values for *&keyword* keyword; the minimum is *&min*

Reason:

A Snapshot General Services initialization option that allowed multiple values was specified. The number of values specified was fewer than the minimum allowable. *&keyword* is the keyword in error. *&min* is the minimum number of allowable values for the keyword.

Module:

TGAPRPAR

TGRPAR009E

Invalid delimiter (=) for *&keyword* keyword; you must use parentheses

Reason:

The value for a Snapshot General Services initialization option was specified using an equals sign (for example, keyword=value.) Values must be specified using parentheses (for example, keyword(value)). *&keyword* is the keyword in error.

Module:

TGAPRPAR

TGRPAR010E

Value list for *&keyword* is not closed

Reason:

A Snapshot General Services initialization option that allowed multiple values was specified. The list of values did not have an ending parenthesis. *&keyword* is the keyword in error.

Module:

TGAPRPAR

TGRPAR011E

***&keyword* is not a valid option**

Reason:

An undefined Snapshot General Services initialization option specified. *&keyword* is the keyword in error.

Module:

TGAPRRPAR

TGRPAR012E

TGAPRRPAR: #TPAR_VALLEN value, *&val*, is invalid

Reason:

TGAPRRPAR was called incorrectly. This is a Snapshot General Services internal error. *&val* is the value received for #TPAR_VALLEN.

Module:

TGAPRRPAR

TGRPAR013E

Quotes are not allowed in the *&keyword* field

Reason:

Quotes were used in the value for a Snapshot General Services initialization option that does not allow quotes. *&keyword* is the keyword in error.

Module:

TGAPRRPAR

TGRPAR014E

The *&keyword* field contains an invalid character, *char*, (*X'&hex'*)

Reason:

An invalid character was specified in the value for a Snapshot General Services initialization option. *&keyword* is the keyword in error. *&char* is the invalid character. *&hex* is the hexadecimal representation of the invalid character.

Module:

TGAPRRPAR

TGRPRM001I**Processing parameter file *&dsname*****Reason:**

This message indicates the name of the file being used to supply initialization parameters for Snapshot General Services. *&dsname* is the data set name of the file.

Action:

None.

Module:

TGAPFRDR

TGRPRM002I***&text*****Reason:**

This message echoes a line of Snapshot General Services initialization parameters read from the parameter file. *&text* is the line of text read from the file.

Action:

None.

Module:

TGAPFRDR

TGRPRM003E**Invalid parameter Keyword****Reason:**

A Snapshot General Services initialization statement did not begin with a valid command type. Currently valid commands are BCVGROUP, DSNGROUP, TGTGROUP, and VOLGROUP.

Action:

Correct the error and reinitialize the Snapshot General Services subsystem.

Module:

TGAPFRDR

TGRPRM004E

Error parsing statement: *&statement*, RC=*&rc*

Reason:

Snapshot General Services initialization was unable to parse a Snapshot General Services initialization statement. This message should be preceded by TGRPARxxxE messages which describe the parsing difficulty. *&statement* is the command that was being processed at the time of error. *&rc* is the return code from the TGRPRPAR routine.

Action:

Correct the statement in error and reinitialize the Snapshot General Services subsystem.

Module:

TGAPFRDR

TGRPRM005E

Parm Stmt *&statement* Init processing error, RC=*&rc*

Reason:

An error occurred while initial processing for a Snapshot General Services initialization statement was being performed. *&statement* is the command that was being processed at the time of error. *&rc* is the return code from the initialization routine.

Action:

Correct the statement in error and reinitialize the Snapshot General Services subsystem.

Module:

TGAPFRDR

TGRPRM006E

Parm Stmt *&statement* Term processing error, RC=*&rc*

Reason:

An error occurred while initial processing for a Snapshot General Services initialization statement was being performed. *&statement* is the command that was being processed at the time of error. *&rc* is the return code from the initialization routine.

Action:

Correct the statement in error and reinitialize the Snapshot General Services subsystem.

Module:

TGAPFRDR

TGRPRM007E**Parm Statement Processing Failure, RC=&rc****Reason:**

Processing of one or more Snapshot General Services initialization statements failed. Previous error messages will indicate the nature of the failures. &rc is the highest return code received during processing.

Action:

This message summarizes the results of initialization processing. Action should be as listed for the error messages received previous to this one.

Module:

TGAPFRDR

TGRPRM008E**Statement construction error, RC=&rc****Reason:**

An error occurred while assembling a multi-line Snapshot General Services initialization statement. &rc is the return code received from the statement assembly routine.

Action:

Correct the statement in error and reinitialize the Snapshot General Services subsystem.

Module:

TGAPFRDR

TGRPRM009E**Incomplete Parameter Statement****Reason:**

A Snapshot General Services initialization statement was not completely specified.

Action:

Correct the statement in error and reinitialize the Snapshot General Services subsystem.

Module:

TGAPFRDR

TGRPRM010E

Unable to allocate parameter file: *&dsname*

Reason:

Snapshot General Services initialization was unable to dynamically allocate the parameter file specified on the PARMDSN keyword passed to the initialization program. *&dsname* is the data set name specified for the parameter file.

Action:

Ensure that the dsname is valid and accessible. Alternatively, consider pre-allocating the file to the TGRPARM DD statement in the CAIRIM or TG10INIT JCL.

Module:

TGAPFRDR

TGRPRM011E

Unable to OPEN parameter file: *&dsname*

Reason:

Snapshot General Services initialization file, specified in the PARMDSN keyword passed to the initialization program, or pre-allocated to the TGRPARM DD statement, could not be opened. *&dsname* is the data set name of the parameter file.

Action:

Ensure that the data set specified is a valid data set, and has been initialized.

Module:

TGAPFRDR

TGRPRM012E

Invalid file record format, fixed format required

Reason:

The Snapshot General Services parameter file has an invalid record format. DCB=(RECFM=FB,LRECL=80) must be specified when allocating the file.

Action:

Re-allocate the parameter file with the required DCB parameters.

Module:

TGAPFRDR

TGRPRM013E**Invalid logical record length for Parameter file****Reason:**

The Snapshot General Services parameter file has an invalid record length. DCB=(RECFM=FB,LRECL=80) must be specified when allocating the file.

Action:

Re-allocate the parameter file with the required DCB parameters.

Module:

TGAPFRDR

TGRPRM014E**Error occurred reading Parameter file &text****Reason:**

An input error (SYNAD) occurred while reading the Snapshot General Services parameter file. &text is the error text supplied by the SYNADAF facility.

Action:

Ensure the Snapshot General Services parameter file has not been corrupted. If it has, re-allocate the file and re-enter the initialization parameters.

Module:

TGAPFRDR

TGRPRM015E**Error occurred reading in Parameter File post processing****Reason:**

An error occurred while post-processing the Snapshot General Services parameter file. (Post-processing validates linkages between the various statements in the file.) Initialization was terminated. Messages prior to this one should explain the cause of the error.

Action:

Correct the Snapshot General Services parameter file and re-run Snapshot General Services initialization.

Module:

TGAPFRDR

TGRPRM016E

BCVGROUP *&bcvgroup* associated with DSNGROUP *&dsngroup* is not defined

Reason:

During Snapshot General Services initialization, Snapshot General Services encountered a DSNGROUP statement in the Snapshot General Services parameter file that referred to a BCVGROUP statement that did not exist. Initialization failed.

&bcvgroup

Specifies the name of the BCVGROUP that could not be found.

&dsngroup

Specifies the name of the DSNGROUP that referred to the missing BCVGROUP.

Action:

Correct the Snapshot General Services parameter file and re-run Snapshot General Services initialization.

Module:

TGAPFRDR

TGRPRM020E

Incomplete *&stmt* statement; *&field* is required.

Reason:

An initialization statement in the Snapshot General Services parameter file was incomplete; it did not contain all required fields. Initialization was terminated.

&stmt

Specifies the type of the statement in error; for example, BCVGROUP.

Action:

Correct the Snapshot General Services parameter file and re-run Snapshot General Services initialization.

Module:

TGATRBCV, TGATRDSN, TGATRVOL

TGRPRM021E

***&name* is a duplicate *&type* statement**

Reason:

An initialization statement in the Snapshot General Services parameter file duplicated the name of another statement of the same type. For example, there were two BCVGROUP statements with the same name, or two VOLGROUP statements with the same name. Initialization was terminated.

&name

Specifies the name that was indicated on the duplicate statement.

&type

Specifies the type of statement, for example, BCVGROUP.

Action:

Correct the Snapshot General Services parameter file and re-run Snapshot General Services initialization.

Module:

TGATRBVC, TGATRDSN, TGATRVOL

TGRPRM022E

DSNGROUP *&dsngroup*, contains a duplicate DSNMASK

Reason:

A DSNGROUP initialization statement in the Snapshot General Services parameter file specified a data set mask that was already defined by another DSNGROUP statement. This would try to assign two DSNGROUPs to the same data set names. Initialization was terminated.

&dsngroup

Specifies the name of the DSNGROUP statement in error.

Action:

Correct the Snapshot General Services parameter file and re-run Snapshot General Services initialization.

Module:

TGATRDSN

TGRPRM023E

FCVER value must be 1 or 2

Reason:

An invalid value was specified for the FCVER (FlashCopy version) keyword on a VOLGROUP statement in the Snapshot General Services initialization parameters. The initialization failed.

Action:

Specify FCVER(1) for FlashCopy I devices, or FCVER(2) for FlashCopy II devices.

Module:

TGATRVOL

TGRPRM024E

MAXATASK value must be between 1 and 99

Reason:

An invalid value was specified for MAXATASK (maximum FlashCopy II allocation tasks) on the OPTIONS statement in the Snapshot General Services initialization parameters. The initialization failed.

Action:

Specify a number between 1 and 99 for MAXATASK.

Module:

TGATROPT

TGRPRM025E

MAXCTASK value must be between 1 and 99

Reason:

An invalid value was specified for MAXCTASK (maximum FlashCopy II copy tasks) on the OPTIONS statement in the Snapshot General Services initialization parameters. The initialization failed.

Action:

Specify a number between 1 and 99 for MAXCTASK.

Module:

TGATROPT

TGRPRM026E

STATINTV value must be between 1 and 3600

Reason:

An invalid value was specified for the STATINTV keyword on the OPTIONS statement in the Snapshot General Services initialization parameters. The initialization failed.

The STATINTV keyword specifies how often to check the status of CA Quick Copy SNAPSHOTACCESS INSTANT or CA Database Copier for IMS FLASHIC=YES copy operations. Valid values are 1 second to 3,600 seconds (one hour).

Action:

Specify a valid STATINTV value and resubmit the job.

Module:

TGATROPT

TGRPRM027E

MAXDTASK value must be between 1 and 99

Reason:

An invalid value was specified for MAXDTASK(*num-tasks*) in the OPTIONS statement in the Snapshot General Services initialization parameters. The initialization failed.

Action:

Specify a value between 1 and 99 for MAXDTASK.

Module: TGATROPT

TGRPRM028E

USEDFDSS(Y) and USEIDCAM(Y) are mutually exclusive

Reason:

Both USEDFDSS(Y) and USEIDCAM(Y) were specified on the OPTIONS statement in the Snapshot General Services initialization parameters. These two values are mutually exclusive. Snapshot General Services initialization was terminated.

Action:

Remove one or both of the options. Do not use these options without the advice of CA Support.

Module:

TGATROPT

TGRPRM029E

Catalog Search Interface, IGGCSI00, is not available. CATMET(C) may not be specified.

Reason:

CATMET(C) was specified on the OPTIONS statement of the Snapshot General Services initialization parameters on a pre-z/OS 1.10 system. This parameter specifies that Snapshot General Services uses the z/OS Catalog Search Interface, IGGCSI00, to access the z/OS catalog. However, IGGCSI00 is not available at this level of the operating system. Snapshot General Services initialization was terminated.

Action:

Change CATMET(C) to CATMET(S), or remove CATMET from the OPTIONS initialization statement. (The default is CATMET(S).)

Note: For more information about OPTION statements, see the *CA Quick Copy User Guide*.

Module:

TGATROPT

TGRPRM030I

TGTMAP keyword is obsolete and will be ignored

Reason:

The TGTMAP keyword is no longer supported and will be ignored.

Action:

None.

Module:

TGATRDSN

TGRPRM031I

DATACLAS keyword is obsolete and will be ignored

Reason:

The DATACLAS keyword is no longer supported and will be ignored.

Action:

None.

Module:

TGATRDSN

TGRPTD001E

UCB not found for data set *dsname*, Volume *volser*, FindUCB return code is *rc*

Reason:

The unit control block (UCB) for the volume that a data set being copied was on could not be located.

dsname

Identifies the name of the data set.

volser

Identifies the volume serial number of the volume.

rc

Identifies the return code from the FindUCB routine.

Action:

Contact CA Support

Module:

TGAPTDLE

TGRPTD002E

Error allocating: *dsname*, RC: *rc*, ERROR/INFO codes: *codes*, SMS reason code: *rsn*

Reason:

An error occurred while trying to allocate a source data set with the CATDATA(Y) initialization option.

dsname

Identifies the name of the data set that was being allocated.

rc

Identifies the return code from dynamic allocation.

codes

Identifies the error (left two bytes) and information (right two bytes) codes from dynamic allocation.

Note: For more information about interpreting DYNALLOC return codes, see the *IBM OS/MVS Programming: Authorized Assembler Services Guide*.

rsn

Identifies the SMS reason code from dynamic allocation.

Action:

Reinitialize your Snapshot General Services subsystem specifying CATDATA(N) on the OPTIONS initialization statement, and retry the copy operation.

If the reinitialized copy operation fails, contact CA Support.

Module:

TGAPTDLE

TGRRCV001E**API abend recovery entered****Reason:**

An abend occurred in a utility that was using the PQC API and was intercepted by Snapshot General Services API caller ESTAE protection. The messages following this one will show Snapshot General Services deleting any FlashCopy data sets it created, to avoid cluttering the disks with orphaned data sets.

Action:

Refer to the messages in the job log indicating the reason for the abend, and contact CA Support.

Module:

TGARECOV

TGRRDV001E**(task) VVDS INIT error for *dsname*, RC = 8, RS = *rs*****Reason:**

An error occurred while initializing to read the VSAM volume record (VVR) for a source data set.

task

Indicates the task number of the initialization task.

dsname

Indicates the name of the source data set.

rs

Indicates the reason code from the VVDS interface program:

- 1—The VVDS Manager program could not be found.
- 2—There was no VVDS on the volume.

Action:

Contact CA Support

Module:

TGARDVVR

TGRRDV002E

(task) VVDS READ error for *dsname*, RC = 8, RS = *rs*

Reason:

An error occurred while reading the VSAM volume record (VVR) for a source data set.

task

Indicates the task number of the read task.

dsname

Indicates the name of the source data set.

rs

Indicates the reason code from the VVDS Manager.

Action:

Contact CA Support

Module:

TGARDVVR

TGRRDV003E

(task) VVDS TERM error for *dsname*, RC = 8, RS = *rs*

Reason:

An error occurred while terminating the VVDS interface program after reading the VSAM volume record (VVR) for a source data set.

task

Indicates the task number of the terminate task.

dsname

Indicates the name of the source data set.

rs

Indicates the reason code from the VVDS interface program:

- 1—The VVDS Manager program could not be found.
- 2—There was no VVDS on the volume.

Action:

Contact CA Support

Module:

TGARDVVR

TGRREC005E

Error *errnum* generating IDCAMS command for *dsname***Reason:**

An error occurred while Snapshot General Services was generating an IDCAMS command to catalog a data set.

errnum

Identifies the internal number of the error.

dsname

Identifies the name of the data set that was being processed at the time of error.

Module:

TGARECAT

TGRREC006E

Partial command: *command***Reason:**

This message follows the TGRREC005E message, and displays the partial command that had been generated at the time the error occurred.

command

Identifies the partial command that had been generated at the time of the error.

Module:

TGARECAT

TGRRST002I

Device status control block is not present

Reason:

A restart of a MODE=COPY (SNAPSHOTACCESS INSTANT, for CA Quick Copy) copy operation found that there was no device status control block (also know as a TEPCB, or Tiger EMC Pending Completion Block) for the copy operation.

Most probably, the physical copies completed and the TEPCB was deleted. This message is displayed only when diagnostic messages are enabled.

Action:

None.

Module:

TGARSTR

TGRRST003I

Waiting for physical copies to complete

Reason:

A restart of a MODE=COPY (SNAPSHOTACCESS INSTANT, for CA Quick Copy) copy operation was attempted. Snapshot General Services found that physical copies were not complete. It issued this message to the console to specify that it was waiting for the physical copies to complete.

Action:

None.

Module:

TGARSTR

TGRRST004E

Restart failed: System was IPLed since checkpoint was taken

Reason:

A restart of a MODE=COPY (SNAPSHOTACCESS INSTANT, for CA Quick Copy) copy operation was attempted. Snapshot General Services found that the operating system had been IPLed between the time the checkpoint was taken and the time restart was attempted. Because of the IPL, Snapshot General Services could not determine the status of the copy devices or whether the physical copies completed.

Action:

No restart is possible. Rerun the copy job.

Module:

TGARSTRT

TGRRST005E

Physical copies failed, POST code = *code*

Reason:

A restart of a MODE=COPY (SNAPSHOTACCESS INSTANT, for CA Quick Copy) copy operation was attempted. While Snapshot General Services was waiting for the physical copies to complete, the pending copy was manually posted in error from the console. The restart was failed.

The value in the message text is *code*, which indicates the post code. Typically, this will be 8.

Action:

No restart is possible. Rerun the copy job.

Module:

TGARSTRT

TGRSAG001E

Error setting TGVt token, Return code = &rc

Reason:

While processing a Snapshot General Services job that specified a Snapshot General Services subsystem through a TGRSUBSY DD statement, Snapshot General Services encountered a error while trying to store the TGVt address.

&rc is the return code from MVS Name/Token services.

Module: TGASSAG

TGRSAG002E

Error clearing TGVt token, Return code = &rc

Reason:

While processing a Snapshot General Services job that specified a Snapshot General Services subsystem through a TGRSUBSY DD statement, Snapshot General Services encountered a error while trying to clear the existing TGVt address.

&rc is the return code from MVS Name/Token services.

Module: TGASSAG

TGRSCI001I

Snapshot General Services subsystem *subsys* was initialized at *time* on *date*, XMANID: *xmanid*

Reason:

This message displays information about a Snapshot General Services subsystem that was selected with a TGRSUBSY DD SUBSYS=xxxx DD statement.

- *subsys* is the name of the subsystem.
- *time* is the time that the subsystem was initialized.
- *date* is the date that the subsystem was initialized.
- *xmanid* is the XMANID of the Xmanager address space associated with this subsystem, or "----" if no Xmanager address space is associated with the subsystem.

Action:

None.

Module:

TGASSCI

TGRSCI002E**Tiger subsystem DDNAME must be TGRSUBSY****Reason:**

A Snapshot General Services job contained a DD statement with the SUBSYS= keyword that referred to a Snapshot General Services subsystem, but the DDNAME was not TGRSUBSY. The job was failed. The SUBSYS keyword is used to specify which Snapshot General Services subsystem the job should run under, and must have a DDNAME of TGRSUBSY.

Action:

Change the DDNAME to TGRSUBSY and re-submit the job.

Module:

TGASSCI

TGRSCI003E**No parameters are allowed on TGRSUBSY DD statement****Reason:**

A Snapshot General Services job contained a TGRSUBSY DD statement that included parameters on the SUBSYS= keyword, for example:

```
//TGRSUBSY DD SUBSYS=(CATG,X,Y,Z)
```

No parameters are allowed with the SUBSYS keyword. The job was failed.

Action:

Remove the parameters from the SUBSYS keyword as follows and re-submit the job:

```
//TGRSUBSY DD SUBSYS=CATG
```

Module:

TGASSCI

TGRSIO001E**I/O error on READ VOLUME LABEL request****Reason:**

An input/output error occurred while Snapshot General Services was attempting to read a volume label. This message is followed by a message that indicates the type of error.

Module: TGASIOAM

TGRSIO002E

I/O error on WRITE VOLUME LABEL request

Reason:

An input/output error occurred while Snapshot General Services was attempting to write a volume label. This message is followed by a message that indicates the type of error

Module: TGASIOAM

TGRSIO003E

I/O error on READ F1 DSCB BY DSN request

Reason:

An input/output error occurred while Snapshot General Services was attempting to read a format-1 DSCB for a data set. This message is followed by a message that indicates the type of error.

Module: TGASIOAM

TGRSIO004E

I/O error on WRITE F1 DSCB BY DSN request

Reason:

An input/output error occurred while Snapshot General Services was attempting to write a format-1 DSCB for a data set. This message is followed by a message that indicates the type of error.

Module: TGASIOAM

TGRSIO005E

I/O error on ESTABLISH FLASHCOPY request

Reason:

An input/output error occurred while Snapshot General Services was attempting to establish a Shark FlashCopy relationship. This message is followed by a message that indicates the type of error.

Module: TGASIOAM

TGRSIO006E**I/O error on WITHDRAW FLASHCOPY request****Reason:**

An input/output error occurred while Snapshot General Services was attempting to withdraw a Shark FlashCopy relationship. This message is followed by a message that indicates the type of error.

Module: TGASIOAM

TGRSIO007E**I/O error on READ F4 DSCB request****Reason:**

An input/output error occurred while Snapshot General Services was attempting to read a format-4 DSCB. This message is followed by a message that indicates the type of error.

Module: TGASIOAM

TGRSIO008E**I/O error on WRITE F4 DSCB request****Reason:**

An input/output error occurred while Snapshot General Services was attempting to write a format-4 DSCB. This message is followed by a message that indicates the type of error.

Module: TGASIOAM

TGRSIO009E**Error type is COMMAND REJECT****Reason:**

This message follows a previous TGRSIOxxxE error message and indicates that the type of error was a command reject.

Action:

Follow the instructions given for the previous message.

Module:

TGASIOAM

TGRSIO010E

Error type is INTERVENTION REQUIRED

Reason:

This message follows a previous TGRSIOxxxE error message and indicates that the type of error was intervention required.

Action:

Follow the instructions given for the previous message.

Module:

TGASIOAM

TGRSIO011E

Error type is EQUIPMENT CHECK

Reason:

This message follows a previous TGRSIOxxxE error message and indicates that the type of error was an equipment check.

Action:

Follow the instructions given for the previous message.

Module:

TGASIOAM

TGRSIO012E

Error type is DATA CHECK

Reason:

This message follows a previous TGRSIOxxxE error message and indicates that the type of error was a data check.

Action:

Follow the instructions given for the previous message.

Module:

TGASIOAM

TGRSIO013E

Error type is END OF CYLINDER

Reason:

This message follows a previous TGRSIOxxxE error message and indicates that the type of error was an unexpected end-of-cylinder condition.

Action:

Follow the instructions given for the previous message.

Module:

TGASIOAM

TGRSIO014E

Error type is RECORD NOT FOUND

Reason:

This message follows a previous TGRSIOxxxE error message and indicates that the type of error was record not found.

Action:

Follow the instructions given for the previous message.

Module:

TGASIOAM

TGRSIO015E

Error type is FILE PROTECTED

Reason:

This message follows a previous TGRSIOxxxE error message and indicates that the type of error was a file protection error.

Action:

Follow the instructions given for the previous message.

Module:

TGASIOAM

TGRSIO016E

Error type is CHANNEL PROGRAM CHECK

Reason:

This message follows a previous TGRSIOxxxE error message and indicates that the type of error was a channel program check.

Action:

Follow the instructions given for the previous message.

Module:

TGASIOAM

TGRSIO017E

Error type is UNKNOWN

Reason:

This message follows a previous TGRSIOxxxE error message and indicates that the type of error was unknown.

Action:

Follow the instructions given for the previous message.

Module:

TGASIOAM

TGRSIO025E

I/O error on READ ONE DATA BLOCK DIRECTLY request

Reason:

An input/output error occurred while Snapshot General Services was attempting to read a data block. This message is followed by a message that indicates the type of error.

Module: TGASIOAM

TGRSIO026E**I/O error on WRITE ONE DATA BLOCK DIRECTLY request****Reason:**

An input/output error occurred while Snapshot General Services was attempting to write a data block. This message is followed by a message that indicates the type of error.

Module: TGASIOAM

TGRSIO027E**I/O error on USER-SUPPLIED CHANNEL PROGRAM request****Reason:**

An input/output error occurred while Snapshot General Services was attempting to execute a caller-supplied channel program. This message is followed by a message that indicates the type of error.

Module: TGASIOAM

TGRSIO028E**I/O error on UNKNOWN request****Reason:**

An input/output error occurred while Snapshot General Services was processing. Snapshot General Services was unable to identify the type of request that was in progress. This message is followed by a message that indicates the type of error.

Module: TGASIOAM

TGRSUN001E**Error clearing TGVt token, Return code = &rc****Reason:**

While processing a Snapshot General Services job that specified a Snapshot General Services subsystem through a TGRSUBSY DD statement, Snapshot General Services encountered an error while trying to clear the TGVt address.

&rc is the return code from MVS Name/Token services.

Module: TGASSUN

TGRSVR001E

UCB for volume *&vol* was not found

Reason:

During Snapshot General Services restart processing the UCB for a volume could not be found. This will not generally happen unless a device that was present during the checkpoint was not present during the restart.

&vol

Specifies the volume serial number of the volume that could not be found.

TGRSVR002E

UCB lookup service not supported, for volume *&vol*

Reason:

During Snapshot General Services restart processing, the UCB for a volume could not be found because the UCB lookup service was not available. This would generally occur only if Snapshot General Services was running on an outdated version of the operating system.

&vol

Specifies the volume serial number of the volume that could not be found.

TGRSWT001E**Error posting ECB for *jobname/jobnumber/procstep/stepname*****Reason:**

The physical copies completed for a copy request, but an error occurred when Snapshot General Services attempted to post the originating job to let it know they were complete. This may mean that the originating job ended abnormally before the physical copies completed.

Values appearing in the message text are as follows:

- *jobname*—The MVS jobname of the job.
- *jobnumber*—The JES job number of the job.
- *procstep*—The step name within the JCL procedure, or blank if no JCL procedure was executed.
- *stepname*—The step name or the name of the step that executed the JCL procedure.

Action:

Restart the copy job.

Module: TGASSWT

TGRSWT002E**tepcb_numUnf field went negative for
*jobname/jobnumber/procstep/stepname*****Reason:**

The number of outstanding copies for a copy request went negative. This is an internal Snapshot General Services error. Values that appear in the message text are as follows:

- *jobname*—The MVS jobname of the job.
- *jobnumber*—The JES job number of the job.
- *procstep*—The step name within the JCL procedure, or blank if no JCL procedure was executed.
- *stepname*—The step name, or the name of the step that executed the JCL procedure.

Module: TGASSWT

TGRSWT003I

Job no longer active for *jobname/jobnumber/procstep/stepname*

Reason:

The physical copies completed for a copy request, but when Snapshot General Services attempted to post the originating job to let it know they were complete, it found that the job was no longer running. This may mean that the originating job ended abnormally before the physical copies completed.

- *jobname*—The MVS jobname of the job.
- *jobnumber*—The JES job number of the job.
- *procstep*—The step name within the JCL procedure, or blank if no JCL procedure was executed.
- *stepname*—The step name, or the name of the step that executed the JCL procedure.

Action:

Restart the copy job.

Module: TGASSWT

TGRTAG003I

Volume *&vol* has no VTOC index and was not tagged

Reason:

Snapshot General Services could not put a checkpoint tag data set on a volume because the volume does not have a VTOC index. A VTOC index is required for creating checkpoint tag data sets.

This message can occur if a copy is done from a Shark (IBM ESS) volume that does not have a VTOC index, or from one whose VOLGROUP statement in the Snapshot General Services initialization deck specifies IXVTOC(NO).

The copy continues, without the tag data set.

Action:

The checkpoint tag data set is used during a restart of a copy operation to ensure that the source-target volume relationship is still valid, which is to say an FCWITHDR command has not been issued to withdraw the relationship. If the tag data set was not created, you must manually make sure that you have not issued an FCWITHDR command against the volumes.

TGRTCP001I

Source DSN: &dsname

Reason:

This message displays the name of the source data set for the Snapshot General Services copy operation.

Action:

No action is required.

Module:

TGATCOPY

TGRTCP002I

Target DSN: &dsname

Reason:

This message displays the name of the target data set for the Snapshot General Services copy operation.

Action:

No action is required.

Module:

TGATCOPY

TGRTCP003I

Token: &tkn Manufacturer: &mfg

Reason:

This message displays the results of a Snapshot General Services query.

- &tkn is the value of the token that is used to locate the proper data set during multi-data set processing.
- &mfg is the three-character manufacturer code for the device that the data set being copied resides on.

Action:

No action is required.

Module:

TGATCOPY

TGRTCP004E

No high-level qualifier was specified

Reason:

No high-level qualifier was specified when TGLTCOPY was invoked. The TGLTCOPY run was terminated.

Action:

Specify a high-level qualifier for the target data set. The high-level qualifier must be the first parameter (before the slash). The output data set name will be the same as the input data set name, but the first qualifier will be replaced with the high-level qualifier that you specify.

Module:

TGATCOPY

TGRTCP005E**No input mask was specified****Reason:**

No input data set name mask was specified when TGLTCOPY was invoked. The TGLTCOPY run was terminated.

Action:

Specify an input data set name or mask. The input mask must be the second parameter (after the slash).

Module:

TGATCOPY

TGRTCP006E**High-level qualifier is too long (&len)—max length is 8****Reason:**

The high-level qualifier specified to TGLTCOPY exceeded eight characters. The TGLTCOPY run was terminated.

&len is the length of the high-level qualifier that was specified.

Action:

Specify a high-level qualifier that is eight characters or less.

Module:

TGATCOPY

TGRTCP007E

Input mask is too long (&len)—Max length is 44

Reason:

The input data set name/input mask specified to TGLTCOPY exceeds 44 characters. (&len is the length of the input mask that was specified.) The TGLTCOPY run was terminated.

Action:

Specify an input mask that is 44 characters or less.

Module:

TGATCOPY

TGRTCP008I

After TIGER CLOSE, Return codes = &rc/&rs

Reason:

This message displays the return and reason codes from the Snapshot General Services CLOSE function.

Action:

No action is required.

Module:

TGATCOPY

TGRTCP009E**Bad return codes (&rc/&rs) from TIGER QUERY****Reason:**

An error occurred when the Snapshot General Services QUERY function was performed on the data set being copied.

- &rc is the return code.
- &rs is the reason code.

Action:

Contact CA technical support for assistance.

Module:

TGATCOPY

TGRTCP010I**After TIGER EXECUTE, Return codes = &rc/&rsn****Reason:**

This message displays the return and reason codes from the Snapshot General Services EXECUTE function.

Action:

No action is required.

Module:

TGATCOPY

TGRTCP011I

After TIGER PREPARE, TTCE = &ttce, TLVT = &tlvt

Reason:

The Snapshot General Services PREPARE function was successful.

- &ttce is the address of the TTCE control block.
- &tlvt is the address of the TLVT control block.

Action:

No action is required.

Module:

TGATCOPY

TGRTCP012E

Bad return codes (&rc/&rs) from TIGER PREPARE

Reason:

An error occurred when the Snapshot General Services PREPARE function was performed on the data set being copied.

- &rc is the return code.
- &rs is the reason code.

Action:

Contact CA technical support for assistance.

Module:

TGATCOPY

TGRTCP013E

First character must be "+", "-", or "*"

Reason:

The JCL parameter string that TGLTCOPY was invoked with did not begin with a "+", "-", or "*" symbol. This symbol must precede the high-level qualifier. The TGLTCOPY run was terminated.

Action:

Verify that the high-level qualifier (the value before the slash) is preceded by "+", "-", or "*".

—

Deletes the copy data set at the end of the TGLTCOPY run.

+ | *

Keeps the copy data set at the end of the TGLTCOPY run. If "*" is specified, the target data set will be reused if it exists. If "+" or "*" is specified, and the target data is on an IBM FlashCopy (Shark) device, the FlashCopy relationship must be withdrawn manually. Contact CA Support for details.

Module:

TGATCOPY

TGRTCP014I

TDLE page count is &count

Reason:

This message displays the equivalent number of 4 KB DB2 pages in the data set. It is calculated by taking the high-used relative byte address and dividing it by 4096.

Action:

No action is required.

Module:

TGATCOPY

TGRTDD033I

(*&this-task*) Copy with *&agent*

Reason:

This message identifies the copying agent that is used to perform the copy for this data set.

&this-task

Identifies the task number of the task that issues this message.

&agent

Identifies the agent that copies the data set: ANTRQST, DFSMSdss, EMCSNAPI, or IDCAMS.

Action:

None.

Module:

TGATDDMP

TGRTRC001I

CA Tiger entry trace, TRPL at 0x*&address*

Reason:

Indicates the beginning of trace data for a call to Snapshot General Services (Tiger).

&address

Identifies the address of the Snapshot General Services Request Parameter List (TRPL).

Action:

None.

This message appears only if the Snapshot General Services trace facility is turned on at the request of CA Support.

Module:

TGATRACE

TGRTRC002I

#TIGER macro Version Number, TrplMver: *&version*

Reason:

Indicates the version of the Snapshot General Services Request Parameter List (TRPL).

&version

Identifies the version number of the #TIGER macro that generated the TRPL.

Action:

None.

This message appears only if the Snapshot General Services trace facility is turned on at the request of CA Support.

Module:

TGATRACE

TGRTRC003I

TRplFunct = 0x*&fcode*, '*&description*'

Reason:

Indicates the version of the Snapshot General Services function that was requested.

&fcode

Identifies the hexadecimal function code.

&description

Identifies the internal name and description of the function. For example:

'TRpLFnQRY QUERY'

Action:

None.

This message appears only if the Snapshot General Services trace facility is turned on at the request of CA Support.

Module:

TGATRACE

TGRTRC004I

TRplFlag1 = 0x&value

Reason:

Indicates the value of the Flag 1 field in the Snapshot General Services Request Parameter List (TRPL). If any bits are non-zero, messages TGRTRC005I follow, describing the individual bits.

&value

Identifies the hexadecimal value of the Flag 1 field.

Action:

None.

This message appears only if the Snapshot General Services trace facility is turned on at the request of CA Support.

Module:

TGATRACE

TGRTRC005I

0x&flag, '&description'

Reason:

This message describes a bit flag that is on in the Flag 1 field of the Snapshot General Services Request Parameter List (TRPL).

&flag

Identifies the hexadecimal function code.

&description

Identifies the description of the flag. For example:

'TRplF1Hnd.... ...1 = Handle converted to addr in R15'

Action:

None.

This message appears only if the Snapshot General Services trace facility is turned on at the request of CA Support.

Module:

TGATRACE

TGRTRC006I

TRplFlag2 = 0x&value

Reason:

Indicates the value of the Flag 2 field in the Snapshot General Services Request Parameter List (TRPL). If any bits are non-zero, messages TGRTRC007I follow, describing the individual bits.

&value

Identifies the hexadecimal value of the Flag 2 field.

Action:

None.

This message appears only if the Snapshot General Services trace facility is turned on at the request of CA Support.

Module:

TGATRACE

TGRTRC007I

0x&flag, '&description'

Reason:

This message describes a bit flag that is on in the Flag 2 field of the Snapshot General Services Request Parameter List (TRPL).

&flag

Identifies the hexadecimal function code.

&description

Identifies the description of the flag. For example:

'TRp\F2Del ..1. = OPEN/FLASH: 1 = DISP=DELETE'

Action:

None.

This message appears only if the Snapshot General Services trace facility is turned on at the request of CA Support.

Module:

TGATRACE

TGRTRC008I

TRpl@File = 0x&address

Action:

This message displays the address of the file handle specified in the Snapshot General Services Request Parameter List (TRPL).

address

Identifies the address of the file handle.

Action:

None.

This message appears only if the Snapshot General Services trace facility is turned on at the request of CA Support.

Module:

TGATRACE

TGRTRC009I

TRpl@MsgA = 0x&address

Reason:

This message displays the address of the message chain anchor specified in the Snapshot General Services Request Parameter List (TRPL).

&address

Identifies address of the message chain anchor.

Action:

None.

This message appears only if the Snapshot General Services trace facility is turned on at the request of CA Support.

Module:

TGATRACE

TGRTRC010I

field = 0x&value

Reason:

This message displays the value of a 4-byte field in the Snapshot General Services Request Parameter List (TRPL).

field

Identifies the name of the field.

&value

Identifies the hexadecimal value of the field.

Action:

None.

This message appears only if the Snapshot General Services trace facility is turned on at the request of CA Support.

Module:

TGATRACE

TGRTRC011I

TRpl@GLEB = 0x&address

Reason:

This message displays the address of the Global Execution Block (GLEB) specified in the Snapshot General Services Request Parameter List (TRPL).

address

Identifies the address of the GLEB.

Action:

None.

This message appears only if the Snapshot General Services trace facility is turned on at the request of CA Support.

Module:

TGATRACE

TGRTRC012I

field = 0x&value

Reason:

This message displays the value of a 3-byte field in the Snapshot General Services Request Parameter List (TRPL).

field

Identifies the name of the field.

&value

Identifies the hexadecimal value of the field.

Action:

None.

This message appears only if the Snapshot General Services trace facility is turned on at the request of CA Support.

Module:

TGATRACE

TGRTRC013I

field = 0x&value

Reason:

This message displays the value of a 2-byte field in the Snapshot General Services Request Parameter List (TRPL).

field

Identifies the name of the field.

&value

Identifies the hexadecimal value of the field.

Action:

None.

This message appears only if the Snapshot General Services trace facility is turned on at the request of CA Support.

Module:

TGATRACE

TGRTRC014I

field = 0x&value

Reason:

This message displays the value of a 1-byte field in the Snapshot General Services Request Parameter List (TRPL).

field

Identifies the name of the field.

&value

Identifies the hexadecimal value of the field.

Action:

None.

This message appears only if the Snapshot General Services trace facility is turned on at the request of CA Support.

Module:

TGATRACE

TGRTRC015I

#TIGER macro Release Number, TrplRlse: &macrel

Reason:

This message displays the value of the #TIGER macro release (&macrel). The following values are available:

- 1—The P01 series
- 2—The r11 series
- 3—The r11.5 series
- 4—The r12 series
- 5—The r16 series

Action:

None.

This message appears only if the Snapshot General Services trace facility is turned on at the request of CA Support.

Module:

TGATRACE

TGRTRC016I

CA Tiger exit trace, TRPL at 0x&address

Reason:

Indicates the beginning of trace data for the exit from a call to Snapshot General Services (Tiger).

&address

Identifies the address of the Snapshot General Services Request Parameter List (TRPL).

Action:

None.

This message appears only if the Snapshot General Services trace facility is turned on at the request of CA Support.

Module:

TGATRACE

TGR TTL001E

acode AT address LMOD module CSECT csect +offset jobname procstep stepname

Reason:

An ABEND occurred while Snapshot General Services was processing. This message provides detailed information about the ABEND.

a

Indicates the ABEND type. The following values are available:

- S (System)
- U (User)

code

Identifies the ABEND code.

address

Identifies the ABEND address.

module

Identifies the load module where the ABEND occurred. If the load module could not be determined, then Unknown displays.

csect

Identifies the CSECT where the ABEND occurred. If the CSECT could not be determined, then Unknown displays.

offset

Identifies the offset of the abending instruction from the beginning of the CSECT (or load module, if the CSECT could not be determined).

jobname

Identifies the job name.

procstep

Identifies the procedure step name.

stepname

Identifies the step name.

Module:

TGAFETTL

TGRVVD001I

(*&task*) * VVR Header (\$VVRHDR) *****

Reason:

This message indicates that a dump of a VVR header follows.

&task

If the VVR dump is issued as a result of a TGRFXV006E or TGRFXV007E message, identifies the allocation task number; otherwise, zero.

Action:

None.

Module:

TGAVVFMT

TGRVVD002I

(&task) LEN: &totlen HDRLen: &hdrlen TYPE: &type (& comp component)

Reason:

This message displays fields from a VVR header.

&task

If the VVR dump is issued as a result of a TGRFXV006E or TGRFXV007E message, identifies the allocation task number; otherwise, zero.

&totlen

Identifies the overall length of the VVR.

&hdrlen

Identifies the length of the VVR header.

&type

Indicates the VVR type:

- N (non-VSAM record)
- Q (secondary VSAM record)
- Z (primary VSAM record)

&comp

Indicates the component type: data or index.

Action:

None.

Module:

TGAVVFMT

TGRVVD003I

(&task) FLAG: &flag VVRKRQ: &vvrkrq

Reason:

This message displays fields from a VVR header.

&task

If the VVR dump is issued as a result of a TGRFXV006E or TGRFXV007E message, identifies the allocation task number; otherwise, zero.

&flag

Indicates the value of the header flag field. One or more of the following flags can be set:

- CATSD (catalog self-describing VVR)
- COMTP (index component)
- HSMSM (HSM-managed data set)
- HTMP (temporary data set)
- NONE (no flags)
- SELFD (self-describing VVR for VVDS)

&vvrkrq

Identifies the key range qualifier.

Action:

None.

Module:

TGAVVFM

TGRVVD004I

(&task) CMPNL: &cmpnl CMPNM: &cmpnm

Reason:

This message displays fields from a VVR header.

&task

If the VVR dump is issued as a result of a TGRFXV006E or TGRFXV007E message, identifies the allocation task number; otherwise, zero.

&cmpnl

Identifies the length of the component name (data or index) plus pad character.

&cmpnm

Identifies the component name: data or index.

Action:

None.

Module:

TGAVVFMT

TGRVVD005I

(&task) KEYL: &keyl KEY: &key

Reason:

This message displays fields from a VVR header.

&task

If the VVR dump is issued as a result of a TGRFXV006E or TGRFXV007E message, identifies the allocation task number; otherwise, zero.

&keyl

Identifies the length of the cluster name plus pad character. This length is zero for non-VSAM data sets.

&key

Identifies the cluster name. This name is null for non-VSAM data sets.

Action:

None.

Module:

TGAVVFMT

TGRVVD006I

(&task) CATNL: &catnl CATNM: &catnm

Reason:

This message displays fields from a VVR header.

&task

If the VVR dump is issued as a result of a TGRFXV006E or TGRFXV007E message, identifies the allocation task number; otherwise, zero.

&catnl

Identifies the length of the catalog name.

&catnm

Identifies the name of the catalog where the data set is cataloged.

Action:

None.

Module:

TGAVVFMT

TGRVVD007I

(&task) BSEN: &bsen/ BSENM: &bsenm

Reason:

This message displays fields from a VVR header.

&task

If the VVR dump is issued as a result of a TGRFXV006E or TGRFXV007E message, identifies the allocation task number; otherwise, zero.

&bsenl

Identifies the length of the base cluster name plus pad character. This length is zero for non-VSAM data sets.

&bsenm

Identifies the base cluster name. This name is null for non-VSAM data sets.

Action:

None.

Module:

TGAVVFM

TGRVVD008I

(&task) * Data set information cell (\$VVRDSIV) *****

Reason:

This message indicates that a dump of a VVR VSAM data set information cell follows.

&task

If the VVR dump is issued as a result of a TGRFXV006E or TGRFXV007E message, identifies the allocation task number; otherwise, zero.

Action:

None.

Module:

TGAVVFM

TGRVVD009I

(&task) DSLEN: &dslen DSTYP: &dstyp ATTR1: &attr1 ATTR2: &attr2

Reason:

This message displays fields from a VVR data set information cell.

&task

If the VVR dump is issued as a result of a TGRFXV006E or TGRFXV007E message, identifies the allocation task number; otherwise, zero.

&dslen

Identifies the length of the cell.

&dstype

Identifies the cell type. The expected value is 0x21.

&attr1

Identifies the data set attributes byte 1:

- 0x80: SPEED
- 0x40: UNIQUE
- 0x20: REUSABLE
- 0x10: ERASE
- 0x08: Reserved
- 0x04: Inhibit update
- 0x02: Temporary export
- 0x01: track overflow

&attr2

Identifies the data set attributes byte 2:

- 0xC0: Regional sharing attributes: SHAREOPTIONS(r,.).
- 0x30: System sharing attributes: SHAREOPTIONS(.,s).
- 0x80: Catalog is busy. No access is allowed.
- 0x40: Catalog is locked.

- 0x20: Internal system data set.
- 0x10: Component is not usable.

Action:

None.

Module:

TGAVVFMT

TGRVVD010I

(*&task*) OPIND: *&opind* BUFSZ: *&bufsz* PRISP: *&prisp* SECSP: *&secsp*

Reason:

This message displays fields from a VVR data set information cell.

&task

If the VVR dump is issued as a result of a TGRFXV006E or TGRFXV007E message, identifies the allocation task number; otherwise, zero.

&opind

Identifies the open indicator.

&bufsz

Identifies the minimum buffer size.

&prisp

Identifies the primary space allocation quantity.

&secsp

Identifies the secondary space allocation quantity.

Action:

None.

Module:

TGAVVFMT

TGRVVD011I

(*&task*) SPCFG: *&spcfg* (*&spcfgx*)

Reason:

This message displays fields from a VVR data set information cell.

&task

If the VVR dump is issued as a result of a TGRFXV006E or TGRFXV007E message, identifies the allocation task number; otherwise, zero.

&spcfg

Identifies allocation units and flags. The following values are available:

- ALL EXTENTS
- CONTIG
- CYLS
- KB UNITS
- MAXIG
- MB UNITS
- RECORDS
- ROUND
- TRKS

&spcfgx

Identifies allocation units and flags, in hexadecimal. The following values are available:

- 0xC0: Cylinders
- 0x80: Tracks
- 0x40: Records
- 0x20: Kilobyte units
- 0x10: Megabyte units
- 0x08: Contiguous
- 0x04: MAXIG

- 0x02: All extents
- 0x01: Round

Action:

None.

Module:

TGAVVFMT

TGRVVD012I

(*&task*) DSHU: *&dshu* DSHA: *&dsha* LRECL: *&lrecl* EXCPX: *&excp*

Reason:

This message displays fields from a VVR data set information cell.

&task

If the VVR dump is issued as a result of a TGRFXV006E or TGRFXV007E message, identifies the allocation task number; otherwise, zero.

&dshu

Identifies the data set high used RBA.

&dsha

Identifies the data set high allocated RBA.

&lrecl

Identifies the average logical record length.

&excp

Identifies the exception exit routine name. The EXCEPTIONEXIT keyword on the IDCAMS DEFINE command specifies the name.

Action:

None.

Module:

TGAVVFMT

TGRVVD013I

(&task) DSHK: &dshk CLSFG: &clsfg AIXFG: &aixfg

Reason:

This message displays fields from a VVR data set information cell.

&task

If the VVR dump is issued as a result of a TGRFXV006E or TGRFXV007E message, identifies the allocation task number; otherwise, zero.

&dshk

Identifies the data set high key RBA.

&clsfg

Identifies the cluster attribute flags. The following values are available:

- 0x08: Timestamps exist in this cell.
- 0x04: VERIFY is required.
- 0x02: Cluster describes a swap space.
- 0x01: Cluster describes a page space.

&aixfg

Identifies the alternate index attribute flags. The following values are available:

- 0x80: Upgrade AIX.
- 0x40: Data set is an AIX.

Action:

None.

Module:

TGAVVFM

TGRVVD014I

(&task) TMSTP: &tmstp ALTSP: &altsp

Reason:

This message displays fields from a VVR data set information cell.

&task

If the VVR dump is issued as a result of a TGRFXV006E or TGRFXV007E message, identifies the allocation task number; otherwise, zero.

&tmstp

Identifies the timestamp (catalog only).

&altsp

Identifies the alias table timestamp.

Action:

None.

Module:

TGAVVFMT

TGRVVD015I

(&task) UCTSP: &uctsp INISP: &inisp

Reason:

This message displays fields from a VVR data set information cell.

&task

If the VVR dump is issued as a result of a TGRFXV006E or TGRFXV007E message, identifies the allocation task number; otherwise, zero.

&uctsp

Identifies the UCONNECTLR added timestamp.

&inisp

Identifies the initial allocation data.

Action:

None.

Module:

TGAVVFMT

TGRVVD016I

(&task) CRTSP: &crtsp

Reason:

This message displays fields from a VVR data set information cell.

&task

If the VVR dump is issued as a result of a TGRFXV006E or TGRFXV007E message, identifies the allocation task number; otherwise, zero.

&crtsp

Identifies the creation date timestamp.

Action:

None.

Module:

TGAVVFMT

TGRVVD017I

(&task) * Unknown cell: Length &length Type: &type**

Reason:

This message indicates that an unrecognized VVR cell header has been encountered. The cell is dumped in hexadecimal and character form.

&task

If the VVR dump is issued as a result of a TGRFXV006E or TGRFXV007E message, identifies the allocation task number; otherwise, zero.

&length

Identifies the length of the cell.

&type

Identifies the cell type.

Action:

None.

Module:

TGAVVFMT

TGRVVD021I

(&task) * SMS sub-cell (\$VVRSMSC) *****

Reason:

This message indicates that a dump of a VVR SMS subcell follows.

&task

If the VVR dump is issued as a result of a TGRFXV006E or TGRFXV007E message, identifies the allocation task number; otherwise, zero.

Action:

None.

Module:

TGAVVFMT

TGRVVD022I

(&task) SMLen: &smlen SMTYP: &smtyp SMFLG: &smflg

Reason:

This message displays fields from a VVR SMS subcell cell.

&task

If the VVR dump is issued as a result of a TGRFXV006E or TGRFXV007E message, identifies the allocation task number; otherwise, zero.

&smlen

Identifies the length of the subcell.

&smtyp

Identifies the subcell type. The expected value is 0x24.

&smflg

Identifies the SMS flags.

Action:

None.

Module:

TGAVVFMT

TGRVVD023I

(&task) SMSCL: &sm scl SMSC: &sm sc

Reason:

This message displays fields from a VVR SMS subcell cell.

&task

If the VVR dump is issued as a result of a TGRFXV006E or TGRFXV007E message, identifies the allocation task number; otherwise, zero.

&sm scl

Identifies the length of the SMS storage class name.

&sm sc

Identifies the SMS storage class name.

Action:

None.

Module:

TGAVVFMT

TGRVVD024I

(&task) SMDCL: &sm dcl SMDC: &sm dc

Reason:

This message displays fields from a VVR SMS subcell cell.

&task

If the VVR dump is issued as a result of a TGRFXV006E or TGRFXV007E message, identifies the allocation task number; otherwise, zero.

&sm dcl

Identifies the length of the SMS data class name.

&sm dc

Identifies the SMS data class name.

Action:

None.

Module:

TGAVVFMT

TGRVVD025I

(&task) SMMCL: &smmcl SMMC: &smmc

Reason:

This message displays fields from a VVR SMS subcell cell.

&task

If the VVR dump is issued as a result of a TGRFXV006E or TGRFXV007E message, identifies the allocation task number; otherwise, zero.

&smmcl

Identifies the length of the SMS management class name.

&smmc

Identifies the SMS management class name.

Action:

None.

Module:

TGAVVFMT

TGRVVD026I

(&task) SBKUP: &sbkup

Reason:

This message displays fields from a VVR SMS subcell cell.

&task

If the VVR dump is issued as a result of a TGRFXV006E or TGRFXV007E message, identifies the allocation task number; otherwise, zero.

&sbkup

Identifies the backup ID.

Action:

None.

Module:

TGAVVFMT

TGRVVD028I

(&task) * Volume information cell (\$VVRVOLI) *****

Reason:

This message indicates that a dump of a VVR volume information cell follows.

&task

If the VVR dump is issued as a result of a TGRFXV006E or TGRFXV007E message, identifies the allocation task number; otherwise, zero.

Action:

None.

Module:

TGAVVFMT

TGRVVD029I

(&task) VOLLN: &volln VOLTP: &voltp VOLFG: &volfg NOEXT: &noext

Reason:

This message displays fields from a VVR volume information cell.

&task

If the VVR dump is issued as a result of a TGRFXV006E or TGRFXV007E message, identifies the allocation task number; otherwise, zero.

&volln

Identifies the length of the cell.

&voltp

Identifies the cell type. The expected value is 0x23.

&volfg

Identifies volume flags:

- 0x80: Prime volume.
- 0x40: Extent information in VVR is out of sync.
- 0x20: Overflow volume.

&noext

Identifies the number of extents on volume for data set.

Action:

None.

Module:

TGAVVFMT

TGRVVD030I

(*&task*) HKRBA: *&hkrba* HURBA: *&hurba* HARBA: *&harba*

Reason:

This message displays fields from a VVR volume information cell.

&task

If the VVR dump is issued as a result of a TGRFXV006E or TGRFXV007E message, identifies the allocation task number; otherwise, zero.

&hkrba

Identifies the high-key RBA.

&hurba

Identifies the high-used RBA.

&harba

Identifies the high-allocated RBA.

Action:

None.

Module:

TGAVVFMT

TGRVVD031I

(&task) BLKSZ: &blksz BLKTK: &bltk TRKAU: &trkau

Reason:

This message displays fields from a VVR volume information cell.

&task

If the VVR dump is issued as a result of a TGRFXV006E or TGRFXV007E message, identifies the allocation task number; otherwise, zero.

&blksz

Identifies the block size.

&bltk

Identifies the blocks per track.

&trkau

Identifies the tracks per allocation unit.

Action:

None.

Module:

TGAVVFMT

TGRVVD032I

(&task) TPEXT: &tpext TKCYL: &tkcyl BYTTK: &byttk BYTAU: &bytau

Reason:

This message displays fields from a VVR volume information cell.

&task

If the VVR dump is issued as a result of a TGRFXV006E or TGRFXV007E message, identifies the allocation task number; otherwise, zero.

&tpext

Identifies extent type flags:

- 0x80: Sequence set with data.
- 0x40: Extents not preformatted.
- 0x20: Converted VSAM data set volume.

&tkcyl

Identifies the tracks per cylinder.

&byttk

Identifies the bytes per track.

&bytau

Identifies the bytes per allocation unit.

Action:

None.

Module:

TGAVVFM

TGRVVD033I

(&task) LOKYL: &loky/ LOKYV: &lokyv

Reason:

This message displays fields from a VVR volume information cell.

&task

If the VVR dump is issued as a result of a TGRFXV006E or TGRFXV007E message, identifies the allocation task number; otherwise, zero.

&loky/

Identifies the length of the low-key on volume.

&lokyv

Identifies the low-key on volume.

Action:

None.

Module:

TGAVVFM

TGRVVD034I

(&task) HIKYL: &kikyl HIKYV: &hikyv

Reason:

This message displays fields from a VVR volume information cell.

&task

If the VVR dump is issued as a result of a TGRFXV006E or TGRFXV007E message, identifies the allocation task number; otherwise, zero.

&hikyl

Identifies the length of the high-key on volume.

&hikyv

Identifies the high-key on volume.

Action:

None.

Module:

TGAVVFMT

TGRVVD035I

(&task) XTNTL: &xtntl

Reason:

This message displays fields from a VVR volume information cell.

&task

If the VVR dump is issued as a result of a TGRFXV006E or TGRFXV007E message, identifies the allocation task number; otherwise, zero.

&xtntl

Identifies the length of the extent section that follows this field.

Action:

None.

Module:

TGAVVFMT

TGRVVD036I

(&task) XSEQN: &xseqn XSCH: &xsch XECH: &xech

Reason:

This message displays information about an extent in a VVR volume information cell.

&task

If the VVR dump is issued as a result of a TGRFXV006E or TGRFXV007E message, identifies the allocation task number; otherwise, zero.

&xseqn

Identifies the sequence number.

&xsch

Identifies the starting CCHHR.

&xech

Identifies the ending CCHHR.

Action:

None.

Module:

TGAVVFMF

TGRVVD037I

(&task) XNTRK: &xntrk XSRBA: &xsrba XERBA: &xerba

Reason:

This message displays information about an extent in a VVR volume information cell.

&task

If the VVR dump is issued as a result of a TGRFXV006E or TGRFXV007E message, identifies the allocation task number; otherwise, zero.

&xntrk

Identifies the number of tracks in the extent.

&xsrba

Identifies the starting RBA.

&xerba

Identifies the ending RBA.

Action:

None.

Module:

TGAVVFMT

TGRVVD039I

(*&task*) * AMDSB information cell (\$VVRAMDS)*****

Reason:

This message indicates that a dump of a VVR AMDSB information cell follows.

&task

If the VVR dump is issued as a result of a TGRFXV006E or TGRFXV007E message, identifies the allocation task number; otherwise, zero.

Action:

None.

Module:

TGAVVFMT

TGRVVD040I

(*&task*) AMDCN: *&amdcn* AMID: *&amid* AMATR: *&amatr* AMLEN: *&amlen*

Reason:

This message displays fields from a VVR AMDSB information cell.

&task

If the VVR dump is issued as a result of a TGRFXV006E or TGRFXV007E message, identifies the allocation task number; otherwise, zero.

&amdcn

Identifies the length of the cell.

&amid

Identifies the cell type. The expected value is 0x60.

&amatr

Attribute flags:

- 0x80: On for key-sequenced, off for entry-sequenced.
- 0x40: Write check.
- 0x20: Sequence set with data.
- 0x10: Replication.
- 0x08: Use volumes in list order.
- 0x04: Key range data set.
- 0x02: Relative record data set.
- 0x01: Spanned records are allowed.

&amlen

Identifies the length of AMDSB.

Action:

None.

Module:

TGAVVFMT

TGRVVD041I

(*&task*) AMRKP: *&amrkp* AMKLN: *&amkln* AMPCA: *&ampmpca* AMPCI: *&ampmpci*

Reason:

This message displays fields from a VVR AMDSB information cell.

&task

If the VVR dump is issued as a result of a TGRFXV006E or TGRFXV007E message, identifies the allocation task number; otherwise, zero.

&amrkp

Identifies the relative key position.

&amkln

Identifies the key length.

&mpca

Identifies the percent of free CIs in CA.

&mpci

Identifies the percent of free bytes in CI.

Action:

None.

Module:

TGAVVFMT

TGRVVD042I

(*&task*) AMCCA: *&amcca* AMFCA: *&amfca* AMFCI: *&amfci*

Reason:

This message displays fields from a VVR AMDSB information cell.

&task

If the VVR dump is issued as a result of a TGRFXV006E or TGRFXV007E message, identifies the allocation task number; otherwise, zero.

&amcca

Identifies the number of CIs per CA.

&amfca

Identifies the free CIs per CA.

&amfci

Identifies the free bytes per CI.

Action:

None.

Module:

TGAVVFMT

TGRVVD043I

(&task) AMCIV: &amciv AMLCL: &amlcl AMHLR: &amhlr AMSSR: &amssr

Reason:

This message displays fields from a VVR AMDSB information cell.

&task

If the VVR dump is issued as a result of a TGRFXV006E or TGRFXV007E message, identifies the allocation task number; otherwise, zero.

&amciv

Identifies the control interval size.

&amlcl

Identifies the maximum record size.

&amhlr

Identifies the RBA of high-level index record.

&amssr

Identifies the RBA of first sequence set record.

Action:

None.

Module:

TGAVVFMT

TGRVVD044I

(&task) AMARD: &amard AMAT3: &amat3 AMSNO: &amsno AMDUI: &amdui

Reason:

This message displays fields from a VVR AMDSB information cell.

&task

If the VVR dump is issued as a result of a TGRFXV006E or TGRFXV007E message, identifies the allocation task number; otherwise, zero.

&amard

Identifies the pointer to the first ARDB.

&amat3

Attributes:

- 0x80: Nonunique or unique keys.
- 0x40: Cylinder fault MSS or stage.
- 0x20: Bind or do not bind on MSS.
- 0x10: Wait or not wait on relinquish.
- 0x08: Load mode or data set loaded.
- 0x04: Linear data set.
- 0x02: Shared BCS, subcell exists.
- 0x01: Reserved.

&amsno

Identifies the number of concurrent requests.

&amdui

Indicates the IMS DRCC usage.

Action:

None.

Module:

TGAVVFMT

TGRVVD045I

(&task) AMBFI: &ambfi AMSTS: &amsts AMNIL: &amnil

Reason:

This message displays fields from a VVR AMDSB information cell.

&task

If the VVR dump is issued as a result of a TGRFXV006E or TGRFXV007E message, identifies the allocation task number; otherwise, zero.

&ambfi

Identifies the number of index buffers.

&amsts

Identifies the system timestamp.

&amnil

Identifies the number of index levels.

Action:

None.

Module:

TGAVVFM

TGRVVD046I

(*&task*) AMNXT: *&amnxt* AMNLR: *&amnlr* AMDLR: *&amdlr* AMINR: *&aminr*

Reason:

This message displays fields from a VVR AMDSB information cell.

&task

If the VVR dump is issued as a result of a TGRFXV006E or TGRFXV007E message, identifies the allocation task number; otherwise, zero.

&amnxt

Identifies the number of extents.

&amnlr

Identifies the number of logical records.

&amdlr

Identifies the number of deleted records.

&aminr

Identifies the number of inserted records.

Action:

None.

Module:

TGAVVFM

TGRVVD047I

(&task) AMUPR: &amupr AMRTR: &amrtr AMASP: &amasp

Reason:

This message displays fields from a VVR AMDSB information cell.

&task

If the VVR dump is issued as a result of a TGRFXV006E or TGRFXV007E message, identifies the allocation task number; otherwise, zero.

&amupr

Identifies the number of updated records.

&amrtr

Identifies the number of retrieved records.

&amasp

Identifies the bytes of free space in data set.

Action:

None.

Module:

TGAVVFMT

TGRVVD048I

(&task) AMCIS: &amcis AMCAS: &amcas AMEXC: &amexc

Reason:

This message displays fields from a VVR AMDSB information cell.

&task

If the VVR dump is issued as a result of a TGRFXV006E or TGRFXV007E message, identifies the allocation task number; otherwise, zero.

&amcis

Identifies the number of CI splits.

&amcas

Identifies the number of CA splits.

&amexc

Identifies the number of EXCPs.

Action:

None.

Module:

TGAVVFM

TGRVVD049I

(*&task*) * VSAM extended-format cell (\$VVRVCMP) *****

Reason:

This message indicates that a dump of a VVR VSAM extended-format cell follows.

&task

If the VVR dump is issued as a result of a TGRFXV006E or TGRFXV007E message, identifies the allocation task number; otherwise, zero.

Action:

None.

Module:

TGAVVFM

TGRVVD050I

(&task) * Non-VSAM extended-format cell *****

Reason:

This message indicates that a dump of a VVR non-VSAM extended-format cell follows.

&task

If the VVR dump is issued as a result of a TGRFXV006E or TGRFXV007E message, identifies the allocation task number; otherwise, zero.

Action:

None.

Module:

TGAVVFMT

TGRVVD051I

(&task) * Non-VSAM data set information cell (\$VVR\$INF) *****

Reason:

This message indicates that a dump of a VVR non-VSAM data set information cell follows.

&task

If the VVR dump is issued as a result of a TGRFXV006E or TGRFXV007E message, identifies the allocation task number; otherwise, zero.

Action:

None.

Module:

TGAVVFMT

TGRVVD052I

(*&task*) NSLEN: *&nslen* NSTYP: *&nstyp* NATTR: *&nattr* NATTR2: *&nattr2*

Reason:

This message displays fields from a VVR non-VSAM data set information cell.

&task

If the VVR dump is issued as a result of a TGRFXV006E or TGRFXV007E message, identifies the allocation task number; otherwise, zero.

&nslen

Identifies the length of the cell.

&nstyp

Identifies the cell type. The expected value is 0x22.

&nattr

Identifies the attribute flags.

&nsattr2

Identifies more attribute flags.

Action:

None.

Module:

TGAVVFMT

TGRVVD053I

(&task) Tracks in extent: **&tracks** (0x**&tracksx**)

Reason:

This message displays information about an extent in a VVR volume information cell.

&task

If the VVR dump is issued as a result of a TGRFXV006E or TGRFXV007E message, identifies the allocation task number; otherwise, zero.

&tracks

Identifies the number of tracks in the extent, in decimal.

&tracksx

Identifies the number of tracks in the extent, in hexadecimal.

Action:

None.

Module:

TGAVVFMT

TGRVVP018E

(&task) VVDS error on INIT call for data set **&dsname**, RC = **&rc**, RS = **&rs**

Reason:

An error occurred initializing the VVDS processor.

&task

Identifies the number of the allocation task. Zero if the message is issued from the mainline task.

&dsname

Identifies the name of the data set being processed when the error occurred.

&rc

Identifies the return code from the VVDS processor.

&rs

Identifies the reason code from the VVDS processor.

Action:

Contact CA Support at <http://ca.com/support> for assistance.

Module:

TGAVVDMP

TGRVVP019E

(&task) VVDS error reading VVR for data set &dsname, RC = &rc, RS = &rs

Reason:

An error occurred reading a VVR from a VVDS.

&task

Identifies the number of the allocation task. Zero if the message is issued from the mainline task.

&dsname

Identifies the name of the data set being processed when the error occurred.

&rc

Identifies the return code from the VVDS processor.

&rs

Identifies the reason code from the VVDS processor.

Action:

Contact CA Support at <http://ca.com/support> for assistance.

Module:

TGAVVDMP

TGRVVP020E

(&task) VVDS error on TERM call for data set &dsname, RC = &rc, RS = &rs

Reason:

An error occurred terminating the VVDS processor.

&task

Identifies the number of the allocation task. Zero if the message is issued from the mainline task.

&dsname

Identifies the name of the data set being processed when the error occurred.

&rc

Identifies the return code from the VVDS processor.

&rs

Identifies the reason code from the VVDS processor.

Action:

Contact CA Support at <http://ca.com/support> for assistance.

Module:

TGAVVDMP

TGRVVP038I

(&task) VVR Dump for &dsname on &volume

Reason:

This message indicates that a VVR dump follows.

&task

Identifies the number of the allocation task. Zero if the message is issued from the mainline task.

&dsname

Identifies the name of data set whose VVR is being dumped.

&volume

Identifies the volume serial number of the first volume where the data set is located.

Action:

None.

Module:

TGAVVDMP

TT Messages

Messages with the TT prefix are generated from Thread Termination\Dynamic DSNZPARM.

TT001E

DB2 SUBSYSTEM (SSID) IS INVALID OR NOT ACTIVE.

Reason:

The DB2 subsystem identifier is invalid or the subsystem is currently not active.

Action:

Modify the DB2 SSID to a valid active subsystem identifier and press Enter.

TT002E**XMANAGER IS NOT ACTIVE, REQUEST IGNORED.****Reason:**

Xmanager (PTXMAN) is not active. Xmanager is a started task, and its use is required by Thread Termination.

Action:

If necessary installation tasks have been previously completed, issue an MVS START command to start the Xmanager procedure.

TT003E**REQUEST HAS FAILED, ABEND INCURRED, RECOVERY SUCCESSFUL.****Reason:**

The request failed due to abnormal termination. Error handling recovery logic has recovered from the abend.

TT004E**NO DB2 SUBSYSTEM DEFINITIONS FOUND.****Reason:**

The request has failed due to abnormal termination. The request failure has occurred within the Xmanager address space. The request issued has resulted in asynchronous work being dispatched within the Xmanager address space. While the work request was being processed, abnormal termination resulted in the request failure.

TT005E**RC=return code, RCODE=reason code message.****Reason:**

A request to connect to or create a thread to DB2 has failed. The message text, return code, and reason code inform you why the request has failed.

Action:

Your specific response is determined by the specific return code and reason code message.

TT006E

UNABLE TO ALLOCATE 'dsname'

Reason:

Indicates that an error occurred when Thread Terminator tried to allocate the data set named in the message. This message was preceded by one or more WTO type messages indicating the nature of the error.

Action:

Refer to prior error messages that indicate why the data set could not be allocated.

TT010E

THREAD HAS BEEN TERMINATED.

Reason:

The thread is in the process of terminating.

Action:

None.

TT011E

THREAD IDENTIFIED IS INVALID OR NOT ACTIVE.

Reason:

The thread in question has become invalid or inactive.

Action:

None.

TT012E

THREAD IS NOT ACTIVE IN DB2.

Reason:

The thread is not currently executing in DB2. The thread may be executing in the application or suspended outside of DB2.

Action:

None.

TT013E**THREAD LOCATED IN A SYSTEM SERVICES ADDRESS SPACE.****Reason:**

The thread is currently located in a system address space. One reason for this is that the system address space is processing the termination of the thread.

Action:

None.

TT014E**THREAD ADDRESS SPACE IS IN THE PROCESS OF TERMINATING.****Reason:**

The address space from which the thread originated is terminating.

Action:

None.

TT015E**THREAD TCB IS IN THE PROCESS OF TERMINATING.****Reason:**

The TCB (task control block) from which the thread originated is in the process of terminating.

Action:

None.

TT016E**THREAD HAS ALREADY BEEN SELECTED FOR TERMINATION.****Reason:**

The thread has already been selected for termination in DB2.

Action:

If you select option K, the program will terminate the thread by terminating the TCB.

TT017E

THREAD TERMINATION REQUEST HAS FAILED.

Reason:

The attempt to terminate the thread has apparently failed.

Action:

In many circumstances the thread is in a state where DB2 or CALLRTM cannot terminate it immediately, but will terminate the thread when circumstances are right.

TT018E

AUTHORIZATION FAILED.

Reason:

Your attempt to terminate the thread has been denied by your installation's security system.

Action:

None.

TT020E

THREAD HAS BEEN TERMINATED.

Reason:

The thread has terminated successfully.

Action:

None.

TT021E

THREAD HAS ALREADY BEEN SCHEDULED FOR TERMINATION.

Reason:

The thread has been successfully scheduled for termination.

Action:

None.

TT022E**THREAD HAS BEEN SCHEDULED FOR TERMINATION.****Reason:**

The thread has successfully been scheduled for termination.

Action:

The process may take a relatively long time due to the need to wait for the correct moment. Then, process the rollback of any updates since the last commit point.

TT100E**LOG TYPE FIELD SHOULD BE A ONE OR A TWO.****Reason:**

The TT100E error message indicates that you requested to add an active log data set, but you have not specified whether the log is a primary log (option 1) or a secondary log (option 2).

Action:

Enter a 1 or a 2 in the log type field and try again.

TT101E**LOG DATA SET NAME FIELD IS BLANK.****Reason:**

The TT101E error message indicates that you are requesting to add an active log data set, but you have not specified a log data set name.

Action:

Enter a log data set name in the log data set name input field and try again.

TT102E**STOP PAGESET BEFORE FREEING USERS INPUT CHOICE IS INVALID.****Reason:**

The TT102E error message indicates that you have specified an invalid value for the "Stop pageset before freeing users..." input field.

Action:

Enter a YES or NO value in this field and try again.

TT103E

SPECIFY BOTH A DATA BASE NAME AND A PAGESET NAME.

Reason:

The TT103E error message indicates that you are attempting to free a pageset of all users, but you have not specified a database and/or a pageset name.

Action:

Enter a database and pageset name and try again.

TT104E

INVALID EXIT TYPE SPECIFIED.

Reason:

The TT104E error message indicates that you attempting to refresh an exit routine, but have not selected an exit routine (by selection number).

Action:

Enter a valid selection number in the exit routine selection field.

TT105E

REQUIRED FIELDS NOT SPECIFIED.

Reason:

The TT105E error message indicates that you have not entered all of the required input fields.

Action:

Ensure that all required input fields are entered and try again.

TT106E

FORCE/NOFORCE FIELD CONTAINS AN INVALID VALUE.

Reason:

The TT106E error message indicates that you requested to delete an active log data set, but the "Specify FORCE..." input field is invalid.

Action:

Enter FORCE or NOFORCE in this field and try again.

TT107E**SCHEDULE DATA SET NOT AVAILABLE FROM XMANAGER.****Reason:**

The TT107E error message indicates that you requested to edit the current set of schedules, but a schedule data set has not been defined to Xmanager or you have cleared the “Schedule data set name” input field.

Action:

Enter a valid data set name in the “Schedule data set name” field and try again.

TT108E**CHECKPOINT FREQUENCY TYPE SHOULD BE MINUTES OR RECORDS.****Reason:**

The TT108E error message indicates that you have changed the checkpoint frequency type input field to an invalid value.

Action:

Enter RECORDS or MINUTES in this field and try again. Note that the corresponding checkpoint frequency value should reflect a valid value for the checkpoint frequency type selected.

TT109E**BUFFER POOL NOT APPLICABLE FOR THIS RELEASE OF DB2.****Reason:**

The TT109E error message indicates that you selected a buffer pool that is not valid for the release of the current DB2 subsystem.

Action:

Select a buffer pool that is valid for the release of DB2 you are using and try again.

TT110E

REQUEST FAILED WITH MAXIMUM RC=*reason_code*

Reason:

The TT110E error message indicates that a function did not complete successfully. The return code for the function is indicated in the message. Common return codes include the following:

- 8 General error in processing the request.
- 16 Xmanager is not available.
- 28 Scheduler is already active.
- 32 Scheduler is not active.
- 98 PTIPARM data set is not allocated or is invalid.
- 99 General abend encountered in processing request.

Action:

For return code 8, other messages may indicate the nature of the error. Look for other messages and ensure DB2 subsystem is valid.

For return code 16, ensure that the Xmanager is specified correctly in the PTIPARM PTT member and that it is active.

For return code 28, you cannot start more than one instance of the scheduler.

For return code 32, the function requested requires the scheduler to be active. Activate the scheduler and retry.

For return code 98, ensure the PTIPARM data set is allocated with valid members.

For return code 99, analyze the abend condition and if not correctable, collect abend information including a dump.

TT149I

NO BUFFER MANAGER ACTIVITY LOCATED FOR THIS THREAD.

Reason:

No buffer manager statistics could be located for the thread you are currently viewing.

Action:

This message may be issued if the thread being viewed has yet to cause any buffer manager activity to be generated.

TT153I**DISPLAY NOT APPLICABLE TO DB2 VERSION BEING VIEWED.****Reason:**

The display selected for viewing is unavailable and not applicable to the DB2 version of the subsystem being viewed. For example, selected displays are only available and applicable to DB2 V3.1 and above.

Action:

None.

TT201I**INVALID COMMAND HAS BEEN ENTERED.****Reason:**

The ISPF command entered on the ISPF command line was invalid.

Action:

Specify a valid command and press Enter. To view valid commands, type ? and press Enter.

TT211I**PROGRAM STATISTICS NOT LOCATED FOR THIS THREAD.****Reason:**

No program level statistics could be located for the thread currently being viewed. Often this message is being issued due to DB2 Accounting trace class 7 or class 8 not being active. This display is only available if Accounting class 7 or 8 or Monitor class 7 or 8 is currently active on the DB2 subsystem being viewed. If one of the above trace classes is active, then the message indicates that no thread program level statistics have been collected for the thread being viewed. This can occur if the thread has yet to begin execution of an SQL call.

Action:

None.

TT500I

EXPLAIN NOT POSSIBLE, SQL CALL TYPE CANNOT BE EXPLAINED.

Reason:

The request to invoke CA Plan Analyzer to perform DB2 access path explain processing has failed. The SQL call type cannot be explained because the SQL call type is not a valid SQL call type for explain processing.

Action:

None.

TT501I

NO THREADS ARE ACTIVE WITHIN DB2 SSID=ssid.

Reason:

No threads are currently active in the DB2 subsystem being viewed. This display does not format DB2 connections. It only formats DB2 threads.

Action:

None.

TT502I

THREAD NOT LOCATED, THREAD HAS TERMINATED.

Reason:

The thread you were viewing through a thread detail display terminated while you were looking at it. The display can format thread activity only while the thread remains active.

Action:

None.

TT503E

INVALID OPTION SPECIFIED, SELECT VALID OPTION AND PRESS ENTER.

Reason:

An invalid display option was specified.

Action:

Correct the display option and press the Enter key.

TT504I**OUTPUT UNAVAILABLE, SQL CALL IS NOT ACTIVE.****Reason:**

The request to view the active SQL call is unavailable because no SQL call is currently active. The most probable cause is that the thread has not yet executed an SQL call or never executes SQL. An example is a DB2 utility thread.

Action:

None.

TT505I**EXPLAIN NOT POSSIBLE, SQL TEXT UNAVAILABLE.****Reason:**

An attempt was made to invoke DB2 explain for an invalid SQL call type. Not all SQL calls have an access path associated with SQL call execution. Only those SQL calls that generate an access path selection are available for explain invocation.

Action:

None.

TT506I**EXPLAIN NOT POSSIBLE, SQL CALL TYPE INVALID.****Reason:**

An attempt was made to invoke DB2 explain for an invalid SQL call type. Not all SQL calls have an access path associated with SQL call execution. Only those SQL calls that generate an access path selection are available for explain invocation.

Action:

None.

TT507I

THREAD HAS NO DISTRIBUTED RELATIONSHIP, DISPLAY UNAVAILABLE.

Reason:

You requested a thread detail display for a thread that does not have a DB2 distributed thread relationship. Only threads that have a distributed relationship will generate an output display.

Action:

None.

TT508I

THREAD CONTAINS NO DISTRIBUTED STATISTICS FOR DISPLAY.

Reason:

Although the distributed thread being viewed has a distributed relationship, no DDF related statistics could be located for the thread.

Action:

None.

TT509I

NO LOCKS OWNED LOCATED, DISPLAY UNAVAILABLE.

Reason:

No information about locks owned could be located for the thread being viewed. There is no display data to be viewed.

Action:

None.

TT510I

THREAD NOT CURRENTLY WAITING ON LOCK ACQUIRE.

Reason:

The thread is no longer waiting for a lock. The lock wait condition that existed has cleared and thread execution has continued.

Action:

None.

TT518I**Host variable display suppressed****Reason:**

Host variable values were collected but are not displayed. You do not have the authority to view these values.

Action:

Contact your system administrator to obtain the correct authority. If DB2 plan-based security is in use, the system administrator grants EXECUTE authority on the View Host Variables plan. If external security is in use, the system administrator grants access to the View Host Variables resource.

TT825E**THREAD TERMINATOR version DOES NOT SUPPORT THIS DB2 VERSION.****Reason:**

The request to switch to a DB2 subsystem identifier has failed. The DB2 version of the DB2 subsystem is not currently supported by the version being used.

Action:

None.

TT827E**FILTER REQUEST INVALID, SPECIFY YES OR NO.****Reason:**

The value specified for the FILTER field is invalid. Specify YES or NO.

Action:

None.

TT828E**INDB2 ONLY OPERAND IS INVALID, SPECIFY YES OR NO.****Reason:**

The value for the option to display only threads executing in DB2 is invalid.

Action:

Specify YES or NO.

TT829E

FILTERING IS ACTIVE, NO MATCHING THREADS LOCATED.

Reason:

No active threads have been located that match the filtering criteria specified.

Action:

TAB to the Filter selection field, type NO and press Enter to turn off thread filtering, or TAB to the Set Filters selection field, type S, and press Enter to go to the Thread Filter Selection Display, and make the filter specification less restrictive.

TT830E

LOCK WAIT ONLY OPERAND IS INVALID, SPECIFY YES OR NO.

Reason:

The value for the option to only view threads that are waiting on a lock is invalid.

Action:

Specify YES or NO.

TT831I

Status information is not available for this thread

Reason:

Indicates that there is no status information available to display for this REUSABLE thread. Status information is not available for threads that have the status of DDFREUSE.

Action:

None.

Chapter 9: U to ZLB

U Messages

Messages with the U prefix followed by a number are generated from CA InfoRefiner.

U3314-4001

THE CAPTURE SERVICE WAS UNABLE TO LOAD THE MODULE DFSPRPX0.

Reason:

This abend may result when an IMS application program is executed in a non-DLI region.

Action:

Ensure that the application program is being executed in the appropriate DLI, BMP, or MPP region.

U3314-4003

THE CAPTURE SERVICE WAS INVOKED WITH A DLI ISRT, REPL, OR DLET FOR A CAPTURED SOURCE SEGMENT AND A USABLE CAPTURE LOG DATABASE PCB COULD NOT BE FOUND IN THE APPLICATION PSB.

Reason:

No Capture Log Database PCB is defined in the application PSB or each Capture Log Database defined in the application was unusable.

This abend occurs when CAPMETHOD=DLI and ERRABEND=Y were specified in the generation of the Capture module (PLOICTAB) during the CAPLOAD service CapGen function execution.

U3314-4005

THE CAPTURE SERVICE WAS UNABLE TO ACQUIRE (GETMAIN) THE NECESSARY STORAGE FOR PROCESSING.

Reason:

This abend may occur when an insufficient region size has been specified.

Action:

Increase REGION= specification and rerun.

U4001

THE CAPTURE SERVICE WAS UNABLE TO LOAD THE MODULE DFSPRPX0.

Reason:

This abend may result when an IMS application program is executed in a non-DLI region.

Action:

Ensure that the application program is being executed in the appropriate DLI, BMP, or MPP region.

U4002

THE CAPTURE SERVICE WAS UNABLE TO LOAD THE CAPTURE MODULE (PLOICTAB).

Reason:

This abend may result when the Capture module (PLOICTAB) does not exist in the STEPLIB, JOBLIB, or Link List data set accessible to the processing program region.

U4003

THE CAPTURE SERVICE WAS INVOKED WITH A DLI ISRT, REPL, OR DLET FOR A CAPTURED SOURCE SEGMENT AND A USABLE CAPTURE LOG DATABASE PCB COULD NOT BE FOUND IN THE APPLICATION PSB.

Reason:

No Capture Log Database PCB is defined in the application PSB, or each Capture Log Database defined in the application was unusable.

This ABEND occurs when CAPMETHOD=DLI and ERRABEND=Y were specified in the generation of the Capture module (PLOICTAB) during the PREPARE service CapGen function execution.

U4004

THE CAPTURE SERVICE MODULE WAS INVOKED WITH A DLI GHx WHICH EXCEEDED THE MAXIMUM NUMBER OF OUTSTANDING GHX CALLS ALLOWED.

Reason:

A maximum of 8 GHx calls for 8 different PCB's may be performed without completing the call with an associated REPL or DLET.

This abend occurs when ERRABEND=Y was specified in the generation of the Capture module (PLOICTAB) during the CAPLOAD service CapGen function execution.

U4005

THE CAPTURE SERVICE WAS UNABLE TO ACQUIRE (GETMAIN) THE NECESSARY STORAGE FOR PROCESSING.

Reason:

This abend may occur when an insufficient region size has been specified. Increase REGION= specification and rerun.

U4010

AN INVALID PARAMETER LIST WAS PASSED TO THE GENERALIZED DLI I/O SUBROUTINE PLOSGDIO.

Reason:

An invalid parameter list was passed to the generalized DLI I/O subroutine specified.

U4011

THE DFSPRPX0 MODULE COULD NOT BE LOADED.

Reason:

This abend may occur when an attempt is made to access a DLI database in a non-DLI region.

U4013

THE CAPTURE SERVICE COULD NOT BE LOADED.

Reason:

This abend may occur with CAPMETHOD=DLI when PLOSCDLI is missing from the steplib of the IMS region.

UDC Messages

Messages with the UDC prefix are generated from CA Data Compressor.

UDC000E

VALID OPTIONS: (S)ELECT. PRESS HELP FOR INFO

Reason:

S (select) is the only valid option for the current screen. You probably tried to enter a different option on the Table Selection screen.

UDC001E

VALID MODE OPTIONS: (O)NLINE, (J)ES OR (D)ATASET. PRESS HELP FOR INFO

Reason:

The only valid options for the MODE option on the Table Analyze screen are as follows:

- O-(Online) Execute the Compression Analysis online.
- J-(JES) A JCL job card is created and submitted to JES for batch execution.
- D-(Data set) A JCL job is created in a specified data set for executing the requested procedure at any time.

UDC002E

VALID BATCH DEST OPTIONS: (JES) OR (D)ATASET PRESS HELP FOR INFO

Reason:

You have entered an invalid destination. For Batch Mode, valid destinations are as follows:

- J-(JES) A JCL job card is created and submitted to JES for batch execution.
- D-(Data set) A JCL job is created in a specified data set for executing the requested procedure at any time.

UDC003E

VALID OPTIONS: (S)ELECT, (I)IMAGE COPY, (V)IEW, (C)OLUMNS, (P)URGE EXECUTION

Reason:

You have entered an invalid option on the Table Analyze screen. Valid options are as follows:

- S-(Select) Select the table for analysis.
- I-(Image copy) Use the last full image copy of this table for analysis.
- V-(View Table Statistics) You must have submitted the table for analysis and analysis must be complete.
- C-(Show Columns) You must have submitted the table for analysis and analysis must be complete.
- P-(Purge Execution) Use this option to stop analysis on a table.

UDC004E**RECORD BUILD OPTION NOT SPECIFIED FOR THIS EXECUTION RUN****Reason:**

You have used the S (Show Row Detail) option on the Table Summary screen and no records have been built.

Action:

To use the Show Row Detail option on the Table Summary screen, you must analyze the table with the BUILD RECORDS option on the Table Analyze screen set to YES. The utility needs these records to display Row Detail.

If you want to view Row Detail for this table, you must analyze the table again, setting the BUILD RECORDS option to YES.

UDC005E**MAXIMUM CONNECTIONS MUST BE GREATER THAN ZERO. PRESS HELP FOR MORE INFO****Reason:**

You tried to run analysis with 0 entered in the MAX SESSION field of the Table Analyze screen.

The MAX SESSION field determines the number of concurrent sessions for analysis. At least one session must be available to perform analysis.

UDC006E**ANALYSIS IN PROGRESS - RETURN IGNORED. PRESS HELP FOR MORE INFO****Reason:**

You tried to END from the Table Analyze screen while analysis was still in progress.

Action:

If you want to END from the Table Analyze screen while analysis is still in progress, use the P option to purge any analyses still executing.

UDC007E**ANALYSIS IN PROGRESS. PRESS HELP FOR MORE INFO****Reason:**

This message displays when analysis has begun.

All analyses are subtasked, leaving the terminal free for you to use other functions.

UDC008E

OBJECT HAS NOT BEEN PROCESSED - NO STATISTICS AVAILABLE

Reason:

You tried to use the C (Show Columns), V (View Statistics), or P (Purge Execution) options for a table that has not been analyzed.

Action:

You must submit the table for analysis before you can use these options.

UDC009E

VALID OPTIONS: (S)HOW ROW DETAIL, (V)IEW STATISTICS, (E)RROR ROW

Reason:

You tried to use an invalid option on the Table Summary screen. Valid options are as follows:

- S-Show row detail.
- V-View table statistics.
- E-Show error detail.

UDC010I

VERIFY OPTION NOT SELECTED FOR THIS ANALYSIS RUN. PRESS HELP FOR MORE INFO

Reason:

You tried to use the E (Error Message Detail) option on the Table Summary screen without specifying YES for the VERIFY COMPRESSION option for Table Analysis.

Action:

If you want to use the E option, you must analyze the table again, specifying YES for the VERIFY COMPRESSION option.

UDC011I**NO RECORDS FAILED VERIFICATION. PRESS HELP FOR MORE INFO****Reason:**

You used the E (Error Message Detail) option on the Table Summary screen and no records failed.

Action:

If you want to see how the Error Message Detail/Compression Verification feature works, you can use the CA compression routine UTLDCERR. This routine will demonstrate the compression verification feature by finding errors where the sample table has repeating character data.

UDC012I**SELECTED TABLES HAVE BEEN QUEUED. ENTER (S)HRINK TO VIEW QUEUE.****Reason:**

Tells you that you can select tables for analysis or view the current selections in the queue by entering the SHRINK command.

Action:

You can begin the analysis process by entering the ANALYSIS command or pressing PF3 (End).

UDC013**MAXIMUM ROWS TO SCAN MUST BE GREATER THAN ZERO. PRESS HELP FOR INFO.****Reason:**

You have specified zero for a maximum number of rows to scan.

Action:

You must specify a number greater than zero.

UDC014**SELECT ONE OR MORE TABLES, OR TYPE CANCEL TO LEAVE THE PRODUCT****Reason:**

You can select one or more tables for execution or you can enter CANCEL to exit.

UDC015E

SCAN FROM ROW MUST BE GREATER THAN ZERO. PRESS HELP FOR INFO

Reason:

The Scan From row indicates the row from which you want to begin the scan.

Action:

If you want to scan the table from the beginning, specify 1.

UDC015E

SCAN FROM ROW MUST BE GREATER THAN ZERO. PRESS HELP FOR INFO.

Reason:

The Scan From row indicates the row from which you want to begin the scan.

Action:

If you want to scan the table from the beginning, specify 1.

UDC016E

SCAN BY (ROWS) MUST BE GREATER THAN ZERO. PRESS HELP FOR INFO.

Reason:

The Scan By field indicates the scan frequency.

Action:

To scan every row, specify 1.

UDC016E

SCAN BY (ROWS) MUST BE GREATER THAN ZERO. PRESS HELP FOR INFO.

Reason:

The Scan By field indicates the scan frequency.

Action:

To scan every row, specify 1.

UDC017I**ANALYSIS IN PROGRESS - STATISTICS NOT AVAILABLE****Reason:**

You cannot access the analysis results until the analysis is completed.

If the Analysis in Progress message displays at the top of the Table Analysis screen after you press Enter, the analysis is still in progress.

UDC017I**ANALYSIS IN PROGRESS - STATISTICS NOT AVAILABLE****Reason:**

You cannot access the analysis results until the analysis is completed.

If the Analysis in Progress message displays at the top of the Table Analysis screen after you press Enter, the analysis is still in progress.

UDC018E**PUT MEMBER NAME IN THE SEPARATE FIELD PROVIDED****Action:**

Specify the member name in the member field to the left of the table name. You must specify a different member name for each table listed.

UDC018E**PUT MEMBER NAME IN THE SEPARATE FIELD PROVIDED****Action:**

Specify the member name in the member field to the left of the table name. You must specify a different member name for each table listed.

UDC019E**DICTIONARY BUILD NOT ALLOWED FOR THIS EDITPROC****Reason:**

You can use only the ESA Dictionary edit procedures to build customized edit procedures. The edit procedure you selected with B is not an ESA Dictionary edit procedure.

UDC019E

DICTIONARY BUILD NOT ALLOWED FOR THIS EDITPROC

Reason:

You can use only the ESA Dictionary edit procedures to build customized edit procedures. The edit procedure you selected with B is not an ESA Dictionary edit procedure.

UDC020E

NO FULL IMAGE COPY FOUND FOR THIS TABLESPACE. PRESS HELP FOR INFO.

Reason:

You specified that you want to use an image copy for the table analysis, but the utility cannot find an image copy.

Action:

Perform the analysis against the table, or take an image copy, and then return to perform the table analysis.

UDC020E

NO FULL IMAGE COPY FOUND FOR THIS TABLESPACE. PRESS HELP FOR INFO.

Reason:

You specified that you want to use an image copy for the table analysis, but the utility cannot find an image copy.

Action:

Perform the analysis against the table, or take an image copy, and then return to perform the table analysis.

UDC021E

INVALID NAME FOR BUILD DICTIONARY DATASET. PRESS HELP FOR INFO

Reason:

You have not specified a valid data set name for the Build Dictionary data set.

Action:

Specify a fully qualified data set within single quotes ('), or if no quotes are used, the user ID is used as the high level qualifier.

UDC021E**INVALID NAME FOR BUILD DICTIONARY DATASET. PRESS HELP FOR INFO****Reason:**

You have not specified a valid data set name for the Build Dictionary data set.

Action:

Specify a fully qualified data set within single quotes ('), or if no quotes are used, the user ID is used as the high level qualifier.

UDC022E**INVALID MEMBER NAME SPECIFIED FOR DATASET. PRESS HELP FOR INFO****Reason:**

You have not specified a valid member name. The member can be up to eight alphanumeric characters.

UDC022E**INVALID MEMBER NAME SPECIFIED FOR DATASET. PRESS HELP FOR INFO****Reason:**

You have not specified a valid member name. The member can be up to eight alphanumeric characters.

UDC023E**VALID OPTIONS: (S)ELECT, (B)UILD. PRESS HELP FOR INFO****Reason:**

S (select) and **B** (build) are the only valid options for the current screen. You probably tried to enter a different option on the Routine Selection screen.

UDC023E**VALID OPTIONS: (S)ELECT, (B)UILD. PRESS HELP FOR INFO****Reason:**

S (select) and **B** (build) are the only valid options for the current screen. You probably tried to enter a different option on the Routine Selection screen.

UDC024

CANNOT EXPAND PARTITION ENTRY

Reason:

You attempted to expand a partition of a table.

UDC025

TABLE NOT PARTITIONED

Reason:

You attempted to expand a non-partitioned table.

UDC026

ROWS/SPACE ESTIMATE MUST BE -1, 0, OR > 0

Reason:

You can only enter 1, 0, or a value less than 0 in the Rows/Space Estimate field.

UDC027E

UTLDCEM TASK ABENDED

Reason:

Analysis of a table abended. Probable sources of the error are that the analysis routine was not executing from an authorized library or module PTLTSRB was not installed properly.

Action:

Verify that product has been properly installed.

UDC028E

UTLDCEM TASK ENDED. RC=4

Reason:

Analysis of a table ended with an unexpected return code of 4. Probable sources of the error are that the analysis routine was not executing from an authorized library or module PTLTSRB was not installed properly.

Action:

Verify that product has been properly installed.

UFU003E

VALID OPTIONS: (L)oad,(F)ix,(D)SNTIAUL,(C)omma,(V)ariable,(E)xternal

Reason:

You have entered an invalid value in the Output-Format field. Specify the format of the data, the level of data checks to be performed, using one of the following:

- L- LOAD format provides the best performance. Output records are compatible with IBM LOAD or CA Fast Load.
- F-FIXED format lets you convert the data as part of the unload. Output records are of fixed length.
- D- DSNTIAUL format unloads records with the same format as DSNTIAUL.
- C-Comma-delimited unloads data in a format that can be loaded into a PC program.
- V- Variable format unloads variable length data into var len records.
- E-External format lets you unload data in a fixed external format that is readable and editable as “external” data. EXTERNAL is similar to OUTPUT-FORMAT COMMA-DELIMITED in that all fields are in external format.

UFU014E

INPUT FORMAT "D","I", or "C" requires a FULLY QUALIFIED dataset name

Reason:

When you attempt to specify the D or I option for the INPUT FORMAT field without specifying a fully qualified data set name in the JCL.

Currently, when unloading from an image copy or a DSN1COPY (options I and D), data set names must be added to the JCL with the PREVIEW option on the UTPGLSUB panel.

UNLD Messages

Messages with the UNLD prefix are generated from Batch Processor.

UNLD003E

DYNAMIC ALLOCATION ERROR, RETURN CODE = return_code INFO CODE = info_code

Reason:

A dynamic allocation error has occurred.

Action:

Look up the return and info codes in the *IBM Programming: Authorized Assembler Series Guide* for your operating system.

UNLD004I

UNLOAD EXECUTION COMPLETE, TIME: xxxx

Reason:

The unload execution completed.

Action:

None.

UNLD006E

BAD PARM(S) FOUND IN INPUT, PLEASE CORRECT AND RESUBMIT JOB.

Reason:

An error was found in an UNLOAD input statement. The error will have been previously described in an error message.

Action:

You can restart the batch processor stream after the error has been corrected. The UNLOAD data set has not been allocated if this message is issued.

UNLD007E

LIMIT PARM TOO BIG, LARGEST VALUE ALLOWED IS 99999999:input_statement.

Reason:

An excessively large UNLOAD row limit has been specified. Input_statement represents the UNLOAD input statement containing the error.

Action:

Correct syntax.

UNLD008E**NO DSN PARM WAS SUPPLIED.****Reason:**

The name of your UNLOAD data set must be supplied to the UNLOAD program. It is supplied through a parameter to the DSN keyword.

Action:

Add this parameter to your UNLOAD input statements.

UNLD009E**DATASET NAME IS LONGER THAN 44 CHARACTERS: input_statement.****Reason:**

The UNLOAD data set name supplied through a parameter to the DSN keyword is invalid.

Action:

Correct the data set name, displayed within input_statement, using MVS naming conventions.

UNLD010E**NO SQL SELECT STATEMENT WAS SUPPLIED.****Reason:**

An SQL SELECT statement must be supplied to the UNLOAD program.

Action:

Enter the SELECT statement on its own line and end it with a semicolon.

UNLD011E**NO .DATA/.ENDDATA SUPPLIED.****Reason:**

The UNLOAD input statements must have a .DATA batch processor statement preceding them and an .ENDDATA batch processor statement following them.

Action:

Correct syntax.

UNLD012E

NOT ENOUGH MEMORY, INCREASE REGION SIZE

Reason:

The UNLOAD program did not have enough memory to complete processing.

Action:

Increase the region size on your JOB or EXEC JCL card. The recommended region size is 2048 KB for batch processor jobs.

UNLD013E

ALLOCATE PARM MUST APPEAR AS (nnn,nnn): input_statement.

Reason:

The ALLOCATE parameter specifies how the allocation of the unload data set is to occur. The UNLOAD program first calculates how much space is needed for the rows that are loaded. Then, a percentage of that amount is used in specifying the primary and secondary quantities (nnn,nnn) for the unload data set.

This message appears when the ALLOCATE keyword parm, represented as input_statement, is incorrect.

Action:

Correct your statement according to the ALLOCATE(nnn,nnn) format.

UNLD014E

ALLOCATE PARM PRIMARY PERCENT IS NON NUMERIC: input_statement.

Reason:

The first number in the ALLOCATE parameter specifies the percentage of the total amount needed. Input_statement represents the UNLOAD input statement containing the error.

Action:

Correct this condition by entering a numeric from and including 1 through 100 for the first allocation number.

UNLD015E

ALLOCATE PRIMARY PERCENT MUST BE 1 - 100: input_statement.

Reason:

A value less than 1 and greater than 100 has been entered as the primary quantity. The invalid value displays within input_statement.

Action:

Enter a numeric from and including 1 through 100 as the first allocation number.

UNLD016E

ALLOCATE PARM SECONDARY PERCENT IS NON NUMERIC: input_statement.

Reason:

The second number in the ALLOCATE parm specifies the secondary space allocation needed. Input_statement represents the UNLOAD input statement containing the error.

Action:

Enter a numeric from and including 0 through 100 as the second allocation number.

UNLD017E

ALLOCATE SECONDARY PERCENT MUST BE 0 - 100: input_statement.

Reason:

No value or a value greater than 100 has been entered. The invalid value displays within input_statement.

Action:

Enter a numeric from and including 0 through 100 as the second allocation number.

UNLD018E

BLKSIZE PARM MUST BE 2 - 5 DIGITS: input_statement.

Reason:

A value less than 2 digits and greater than 5 digits has been entered in the BLKSIZE parameter. The invalid value displays within input_statement.

Action:

Enter a 2 to 5 digit value for the BLKSIZE parameter.

UNLD019E

BLKSIZE PARM MUST BE A MULTIPLE OF 72 <= 32760: input_statement.

Reason:

A value less than 72 and greater than 32760 has been entered in the BLKSIZE parameter. The invalid value is shown within input_statement.

Action:

Enter a correct value that is a multiple of 72 (for example, 72, 144, 216...32760) and does not exceed 32760.

UNLD020E

LABEL PARM MUST BE 40 OR LESS CHARACTERS LONG: input_statement.

Reason:

The LABEL parameter exceeds the 40 character limit. The UNLOAD input statement containing the error displays as input_statement.

Action:

Reduce the number of characters specified.

UNLD021E

PAGESIZE PARM MUST BE 4 OR 32: input_statement.

Reason:

A value other than 4 or 32 has been entered in the PAGESIZE parameter. The UNLOAD input statement containing the error displays as input_statement.

Action:

Enter 4 or 32 as the page size.

UNLD022E

UNIT PARM MUST BE 8 OR LESS CHARACTERS LONG: input_statement.

Reason:

The UNIT parameter exceeds the 8 character limit. The UNLOAD input statement containing the error displays as input_statement.

Action:

Reduce the number of characters specified.

UNLD023E

VOLLIMIT PARM MUST BE 1 - 3 DIGITS: input_statement.

Reason:

No value or a value greater than 3 digits has been entered in the VOLLIMIT parameter. The UNLOAD input statement containing the error displays as input_statement.

Action:

Enter a 1 to 3 digit value for the volume limit.

UNLD024E

VOLLIMIT PARM MUST BE 1 - 255: input_statement.

Reason:

A value less than 1 or greater than 255 has been entered in the VOLLIMIT parameter. The invalid value displays within input_statement.

Action:

Enter a value from 1 through 255.

UNLD025E

VOLSER PARM MUST BE 70 OR LESS CHARACTERS LONG: input_statement.

Reason:

The VOLSER parameter exceeds the 70 character limit. The UNLOAD input statement containing the error displays as input_statement.

Action:

Reduce the number of characters specified.

UNLD026E

NO DATA SPECIFIED FOR FOLLOWING PARM: input_statement.

Reason:

The UNLOAD program requires information for the statement, input_statement.

Action:

Add parameter information for the displayed UNLOAD input statement.

UNLD027E

NON NUMERIC DATA SPECIFIED FOR FOLLOWING PARM: input_statement.

Reason:

The displayed statement, input_statement, requires numeric data.

Action:

Replace the non-numeric data with numeric data for the parameter in the UNLOAD input statement.

UNLD028E

DUPLICATE PARM FOUND: input_statement.

Reason:

A duplicated parameter was found in the UNLOAD input statement, input_statement. The second occurrence of the parameter is considered the duplicate.

Action:

Remove the duplicate or remove the first occurrence of the duplicated parameter.

UNLD029E

INVALID TEXT FOUND AFTER PARM IN FOLLOWING LINE: input_statement.

Reason:

The UNLOAD input statement containing the error displays as input_statement.

Action:

Remove any unnecessary text after the statement's parameter.

UNLD030E

STORCLASS MUST BE 1-8 CHARS, FIRST CHAR ALPHA.

Reason:

An invalid STORCLAS parameter was entered on the UNLOAD command.

Storage class names must be from 1-8 characters in length with the first character alphabetic or national.

UNLD031E

MGMTCLASS MUST BE 1-8 CHARS, FIRST CHAR ALPHA.

Reason:

An invalid MGMTCLAS parameter was entered on the UNLOAD command.

Management class names must be from 1-8 characters in length with the first character alphabetic or national.

UNLD032E

DATACLASS MUST BE 1-8 CHARS, FIRST CHAR ALPHA.

Reason:

An invalid DATACLAS parameter was entered on the UNLOAD command.

Data class names must be from 1-8 characters in length with the first character alphabetic or national.

UNLD033E

FILE MUST BE 1-8 CHARS, FIRST CHAR APLHA.

Reason:

An invalid FILE(ddname) parameter was entered in the CALL Statement used to call the UNLOAD program.

File names must be from 1-8 characters in length with the first character alphabetic or national.

UNLD034E

FILE AND DSN ARE MUTUALLY EXCLUSIVE.

Reason:

The FILE(ddname) and the DSN(dsn) parameters in the CALL Statement used to call the UNLOAD program cannot be used together.

Action:

Remove one of the entries from the command.

UNLD035E

NEITHER FILE NOR DSN PARM ENTERED.

Reason:

A file or DSN parameter was not entered.

Action:

The FILE(ddname) or DSN(dsn) parameter must be entered in the CALL Statement used to call the UNLOAD program.

UNLD036E

INVALID SHRLEVEL PARM ENTERED.

Reason:

An invalid SHRLEVEL parameter has been specified in the CALL statement used to call the UNLOAD program.

Action:

Check your SHRLEVEL parameter values. Valid values are as follows:

- REFERENCE-Obtain a lock on the table during unload.
- CHANGE-Do not obtain a lock on the table. Pages can be updated during unload.
- NONE-Obtain a lock on the table in exclusive mode during unload.

UNLD037E

RETPD PARM MUST BE FROM 1 TO 4 DIGITS.

Reason:

No value or a value containing more than 4 digits has been entered in the RETPD parameter. The UNLOAD input statement containing the error displays as input_statement.

Action:

Enter a 1- to 4-digit value for the RETPD.

UNLD038E

EXPDT MUST BE IN THE FORMAT YYDDD OR YYYY/DDD.

Reason:

The date entered for the EXPDT parameter is not in an acceptable format. The UNLOAD input statement containing the error displays as input_statement.

Action:

Enter the Julian date as YYDDD or YYYY/DDD. For example, 96241 or 1996241.

UNLD039E

INVALID COLUMN NAME(S) IN DEFVALS PARAMETER.

Reason:

No value has been entered for the column name in DEFVALS.

Action:

Enter a valid column name.

UNLD040E

INVALID VALUE(S) IN DEFVALS PARAMETER.

Reason:

The value entered to be used as a default for the specified column is missing.

Action:

Enter a valid default for the specified column.

UNLD041E

NOT ENOUGH MEMORY - INCREASE REGION SIZE.

Reason:

The UNLOAD program did not have enough memory to complete processing.

Action:

Increase the region size on your JOB or EXEC JCL card. We recommend a region size of at least 2048 KB for batch processor jobs.

UNLD042E

UNABLE TO ALLOCATE UNLOAD DATASET.

Reason:

This message appears when the unload data set (data set that the specified table is unloaded into) could not be dynamically allocated.

This condition usually occurs when the unload data set already exists or the volume specified faces a space limitation.

UNLD043E

UNABLE TO DEALLOCATE UNLOAD DATASET.

Reason:

This message appears when the unload data set cannot be deal located.

UNLD044E

UNABLE TO OPEN UNLOAD DATASET.

Reason:

This message appears when the unload data set cannot be opened.

UNLD045I

NUMBER OF ROWS SPECIFIED WERE UNLOADED SUCCESSFULLY.

Reason:

Informs you that the requested number of rows were successfully unloaded.

Action:

None.

UNLD047E

SPECIFIED SQL STATEMENT IS INVALID.

Reason:

The SQL SELECT statement syntax is invalid because the FROM clause could not be found.

Action:

Include a FROM clause in your statement.

UNLD048E**REQUESTED CONVERSIONS NOT ALLOWED.****Reason:**

An error was found in an UNLOAD input statement. The error will have been previously described in an error message.

Action:

See Data Conversion in the *Batch Processor Reference Guide* for complete information about valid data conversions.

UNLD049E**AN SQL ERROR HAS OCCURRED - UNLOAD TERMINATED.****Reason:**

An unexpected error was encountered while processing an SQL request for the UNLOAD. Prior to receiving this error message, the error text obtained from the SQLCA has been printed.

UNLD050I**ALL DATA UNLOADED SUCCESSFULLY.****Reason:**

Informs you that the requested data was successfully unloaded.

Action:

None.

UNLD051I**SELECT STATEMENT SPECIFIED RETURNS NO ROWS.****Reason:**

Informs you that the SQL statement cannot return any rows because the specified table is empty.

Action:

None.

UNLD052E

UNLOAD FILE NOT ALLOCATED.

Reason:

The Batch Processor UNLOAD file was not allocated.

Action:

Use the .ALLOC command to allocate the UNLOAD file prior to issuing the .CALL command.

UNLD053E

UNLOAD FILE LRECL MUST BE 72.

Reason:

The Batch Processor UNLOAD file must have an LRECL=72.

Action:

Change the file's LRECL parameter to 72 in the .ALLOC command .

UNLD054E

UNLOAD FILE BLOCKSIZE MUST BE A MULTIPLE OF 72.

Reason:

The Batch Processor UNLOAD file must have a block size that is a multiple of 72.

Action:

Change the BLKSIZE(n) parameter on the UNLOAD command to a multiple of 72 (for example, 72, 144, 216...32760).

UNLD055I

REQUESTED SHARE LEVEL: (reference, change, or none)

Reason:

The Reference, Change, or None value was selected as the SHRLEVEL parameter value.

Action:

None.

UNLD056E

(S or X) LOCK REQUEST FAILED FOR TABLE table name.

Reason:

A table lock failed for the Reference or None value specified in the SHRLEVEL parameter of the CALL statement used to call the UNLOAD program. The current Batch Processor job terminates.

UNLD057I

(S or X) LOCK OBTAINED FOR TABLE table name.

Reason:

A table lock was obtained for the Reference or None value specified in the SHRLEVEL parameter of the CALL statement used to call the UNLOAD program.

Action:

None.

UNLD058E

UNABLE TO DETERMINE TABLE NAME FOR LOCK REQUEST.

Reason:

A table lock failed because of an internal logic error. Batch Processor terminates.

UNLD059I

NO LOCK REQUESTED FOR TABLE table name.

Reason:

The SHRLEVEL parameter in the CALL Statement used to call the UNLOAD program was not specified. A table lock is not obtained.

Action:

None.

UNLD060E

data_type1 CANNOT CONVERT TO: data_type2.

The specified data type cannot convert to the intermediate data type. The intermediate data type is the data type that is given to the DB2 LOAD program to make the final conversion. data_type1 represents the data type and data_type2 represents the intermediate data type.

Action:

See Data Conversion in the *Batch Processor Reference Guide* for complete information about valid conversions.

UNLD061W

TRUNCATION/DISCARD MAY OCCUR FOR COLUMN column_name.

Reason:

The data within a specified column is truncated if the column limit has been reduced. For example, a reduction of a CHAR(25) column to CHAR(10) would truncate the column's data by 15 bytes. Column_name represents the column that may have its data truncated, or even discarded.

UNLD062E

INVALID FORMAT format_type FOR COLUMN WITH OLD NAME name1 AND NEW NAME name2.

Reason:

An invalid format has been entered for the name of the old column in the table being unloaded (represented as name1) and the name of the column in the new definition of the table (represented as name2). Format_type represents the format supplied for converting the date/time/timestamp of the columns.

Action:

Correct syntax.

UNLD063E

INVALID column_type TYPE data_type FOR COLUMN column_name.

Reason:

An invalid column type, old or new, has been entered. Column_type determines if the column type is for the old or new column. Data_type represents the column data type (for example, integer, decimal, character, and so on). Column_name represents the column in question.

Action:

Correct syntax.

UNLD064E

TOO MANY NEW COLUMNS APPEAR IN COLUMNS PARM.

Reason:

A maximum of 300 new columns can be specified in the COLUMNS() parameter.

Action:

Correct syntax.

UNLD065E

COLUMN DATA TYPE OF SQLTYPE = sqltype NOT SUPPORTED.

Reason:

The data type indicated by the sqltype is not supported.

UNLD066E

UNABLE TO COMPUTE NEW TABLE ROWSIZE.

Reason:

Unable to compute new table rowsize.

A common cause of this error is when a table is altered to have a row size greater than 4069 and a page size of 4K.

UNLD067E

INVALID SIZE OR SCALE FOR COLUMN WITH OLD NAME name1 AND NEW NAME name2.

Reason:

An invalid size or scale for column with old name (name1) and new name (name2) has been specified.

Action:

Confirm the size and scale accuracy for the column with old name, name1, and with new name, name2.

UNLD068E

FORMAT SUPPLIED, BUT IGNORED FOR COLUMN WITH OLD NAME name1 AND NEW NAME name2.

Reason:

The format supplied for the date/time/timestamp cannot be used for the column with old name, name1, and with new name, name2.

Action:

Correct syntax.

UNLD069E

UNABLE TO CONVERT FROM LOCALLY DEFINED FORMAT FOR COLUMN WITH OLD NAME name1 AND NEW NAME name2.

Reason:

The specified data type cannot be converted using the column with old name, name1, and the column with new name, name2.

Action:

See Data Conversion in the *Batch Processor Reference Guide* for complete information about valid conversions.

UNLD075E

DEGREE PARM MUST BE ANY OR ONE.

Reason:

Indicates that an invalid value was specified for the DEGREE parameter.

Action:

Correct syntax.

UNLD076I

SET DEGREE degree_setting BYPASSED, DB2 V31 OR GREATER REQUIRED.

Reason:

Indicates that the unload is taking place on a DB2 3.1 or lower, and SET DEGREE degree_setting cannot be issued for unload select.

Action:

None.

UNLD077I

SET DEGREE degree_setting SUCCESSFUL FOR UNLOAD SELECT.

Reason:

Indicates that the SET DEGREE degree_setting was successfully issued prior to executing the unload select.

Action:

None.

UNLD078E

BPADEGAN: RECIEVED ZERO PARAMETER.

Reason:

An internal error has occurred.

UNLD080E

BPADEGAN: SET DEGREE FAILED SQLCODE = &XXXXXXX.

Reason:

The SET CURRENT DEGREE failed with a hexadecimal return SQLCODE.

UNLD080E

ERRORS FOUND IN COLUMNS PARAMETER, UNLOAD TERMINATED.

Reason:

UNLOAD processing is terminated to safeguard against the errors found in the COLUMNS() parameter.

Action:

Correct syntax.

UNLD081E

NOT ENOUGH MEMORY AVAILABLE, INCREASE REGION SIZE.

Reason:

The UNLOAD program did not have enough memory to complete processing.

Action:

Increase the region size on your JOB or EXEC JCL card. The generally recommended region size is 2048 KB for batch processor jobs.

UNLD082E

THE FOLLOWING COLUMN NAME IS INVALID: column_name.

Reason:

An invalid column name has been entered, where column_name represents the invalid name.

Action:

Correct this column name using standard DB2 naming conventions.

UNLD083E

THE FOLLOWING COLUMN TYPE IS INVALID: column_type.

Reason:

An invalid column type, represented as column_type, has been entered.

Action:

Enter a valid column type. Valid values are as follows:

- I-Integer
- VARC-Variable Character
- S-Small Integer
- LONGVAR-Long Variable
- DE-Decimal
- G-Graphic
- F-Float
- VARG-Variable Graphic
- R-Real
- DA-Date Type
- DO-Double Precision
- T-Time Type
- C-Character
- TIMES-Timestamp Time

UNLD084E

THE FOLLOWING COLUMN SIZE IS INVALID: column_size.

Reason:

An invalid column size, represented as column_size, has been entered.

Action:

Enter a valid column size according to DB2's limits for each column type. See the IBM *DB2 SQL Reference* manual for column information.

UNLD085E

THE FOLLOWING FORMAT FIELD IS INVALID: format_field.

Reason:

An invalid date, time, or timestamp format field has been entered, where format_field represents the invalid field.

Action:

See Format in the “Unload” appendix for valid formats.

UNLD086E

THE FOLLOWING COLUMN NULL ATTRIBUTE IS INVALID: column_null_attr.

Reason:

An invalid value has been entered for the new null attribute for the column. The current attribute value is shown as column_null_attr.

Action:

Enter a valid null attribute:

- Y-Yes. The new column definition allows null values.
- N-No. The new column definition does not allow null values.
- D-Use null with default as the new column definition null attribute.

UNLD087E

THE FOLLOWING STRIP/TRUNC/DISCARD PARM IS INVALID: parm.

Reason:

An invalid STRIP/TRUNCATE/DISCARD parameter has been entered, as shown by parm.

Action:

Enter a valid value. Valid values are as follows:

- S-Strip trailing blanks.
- T-Truncate data. This is the default.
- D-Discard data instead of truncating. The DB2 LOAD program writes data larger than the column to a discard data set allocated as part of the LOAD process.

UNLD088E

NO TYPE SPECIFIED FOR THE FOLLOWING NEW COLUMN: column_name.

Reason:

New column name (column_name) does not have the type of the column in the new definition of the table.

Action:

See error message UNLD083E for a listing of valid types.

UNLD089E

SCALE IS LARGER THAN SIZE FOR THE FOLLOWING COLUMN: column_name.

Reason:

An invalid decimal value has been entered for the column (column_name). The scale, which is the number of digits in the fractional portion of the number, cannot be greater than the decimal's size.

Action:

Correct the scale or size for the column's decimal value. See the IBM *DB2 SQL Reference* manual for decimal information.

UNLD090E

THE FOLLOWING COLUMN NAME IS DUPLICATED: column_name.

Reason:

The column name (column_name) is already used.

Action:

Specify a different column name or delete the duplicated column.

UNLD091I

ONE OR MORE NOT NULL UNIQUE COLUMNS ADDED.

Reason:

A column defined as NOT NULL UNIQUE is added to a table. The subsequent load fails due to duplicate keys in the unique index created for the new columns. Message UNLD092I is also issued.

Action:

None.

UNLD092I

UNLOAD DOES NOT ENSURE UNIQUE VALUES.

Reason:

A column defined as NOT NULL UNIQUE is added to a table. The subsequent load fails due to duplicate keys in the unique index created for the new columns. This message follows UNLD091I.

Action:

None.

UNLD094E

BP UNLOAD ENCOUNTERED A DATA ROW EXCEEDING 32731 - THE MAXIMUM ALLOWABLE ROW SIZE FOR THE OUTPUT FORMAT. TERMINATING UNLOAD.

Reason:

BP unload encountered a data row exceeding 32,731 bytes. 32,731 is the maximum allowable row size for the output format. This data row will not be unloaded and unload processing has terminated.

Action:

Decrease the row size and resubmit.

UNLD095I

SET DEGREE degree_setting BYPASSED, DEGREE ALREADY degree_setting.

Reason:

The DEGREE parameter was ignored because the current DEGREE is already equal to degree_setting.

Action:

None.

UNLD096I

CURRENT DEGREE RESET TO degree_setting.

Reason:

The current DEGREE was reset to its previous value of degree_setting.

Action:

None.

UNLD097E

***** AN OPEN PAREN WAS FOUND IN THE SELECT COLUMN LIST, NOT SUPPORTED.**

Reason:

Within the SELECT column list, an open parenthesis was found. A parenthesis is not supported in the column list of an UNLOAD SELECT statement.

Action:

Correct the syntax of the SELECT statement by removing any parenthesis found in the column list.

UNLD098E

***** COLUMN AND SCALAR FUNCTIONS NOT SUPPORTED, FOUND xxxxxxxx.**

Reason:

Within the SELECT column list a function call was found. xxxxxxxx are the first eight characters of the function call or preceeding the open parenthesis.

Action:

Correct the syntax of the SELECT statement removing any function calls found in the column list.

UNLD098E

DCB ABEND x37 CAUGHT, PROCESSING TERMINATED

Reason:

x37 will be B37, D37, or E37, all of which are indicating insufficient space allocated to the unload dataset (PTIUNLD).

Action:

For further information refer to the job log for associated messages. User must increase the space allocation accordingly prior to rerunning job.

UNLD099E

***** UNABLE TO ALLOCATE UNLOAD DATASET, LRECL GREATER THAN XXXXX.**

Reason:

The ROWLEN parameter was specified; however, the calculated row length exceeds the maximum allowable LRECL for the unload dataset (where XXXXX is 32756 if variable length records or 32760 for fixed).

UOFB Messages

Messages with the UOFB prefix are generated from CA Fast Index.

UOFB000E

You must provide an INDEX NAME (18 chars max)

Reason:

The utility could not determine an index name for the index you are creating.

Action:

You must specify the name of the new index that you are going to create.

UOFB001E

Valid Options: (A)scending or (D)escending

Reason:

An invalid option was specified.

Action:

Specify whether the index key is to be built of ascending or descending values by specifying A or D.

UOFB002E

Must be a numeric value between 1 and 16

Reason:

You can only select up to 16 columns for an index key. The number you enter next to the column name is the column's position within the index.

Action:

Specify a number between 1 and 16.

UOFB003E

Index must have at least 1 column

Reason:

No columns were selected.

Action:

To run the utility, you must create an index by selecting at least one column.

UOFB004E

Table has no columns

Reason:

The table on which you are trying to build an index has no columns.

Action:

Check the definition of the table.

UOFB005E

Numerics must precede alpha (E.G. 1A, 2B,...)

Reason:

You must indicate the column position within the index key with an integer before you indicate the sort order for that column with A (ascending) or D (descending).

UOFB006E

VCAT cannot be used with STOGROUP/PQTY/SQTY/ERASE parameters

Reason:

If you specify a VCAT name, you cannot specify a storage group, primary quantity, secondary quantity, or erase value. Conversely, if you specify a storage group, primary quantity, secondary quantity, or erase value, you cannot specify a VCAT name.

UOFB007E

Valid Options: "0" through "49"

Reason:

Only 4K buffer pools are valid for indexes.

Action:

Choose from BP0 - BP49.

Specify the buffer pool by entering only the number portion of the buffer pool name. For example, to specify BP1, enter 01. You cannot specify BP32K buffer pools for indexes.

UOFB008E

PQTY/SQTY/ERASE parameters must include a STOGROUP name

Reason:

If you specify a primary quantity, secondary quantity, or erase value, you must also specify a storage group.

UOFB009E

Valid Options: "1", "2", "4", "8", and "16"

Reason:

An invalid option was specified.

Action:

Valid subpage values are 1, 2, 4, 8, or 16. Enter one of these values and resubmit the job.

UOFB010E

BUFFERPOOL format is "BPnn"

Reason:

Indicates that you must specify whether the index is to be built of ascending or descending values.

Action:

Specify A or D.

UOFB011E

Percent must fall between 0 and 99

Action:

Specify a percent between 0 and 99.

UOFB012E

Duplicate index column position, please review selections

Action:

Review the index column selections that you have made.

UOFB013E

Valid options are "1" or "2".

Action:

Specify 1 or 2 for the field in question.

UOFB014E

Valid options are (Y)es, (N)o, and (W)hile not null.

Reason:

You have specified an invalid option. Specify Y for YES, N for NO and W for While not null.

UOFB015E

Option "W", UNIQUE WHILE NOT NULL, is valid only for TYPE2 indexes.

You cannot specify option W for TYPE 1 indexes.

UOFC Messages

Messages with the UOFC prefix are generated from CA Fast Check.

UOFC000E

VALID OPTIONS: (A)ll, (P)ending

Reason:

This message appears when you have specified an invalid value for the Scope field. Specify one of the following values:

- PENDING-(Default) Check only those rows that must be checked in the tables, partitions, or tablespace that are in check pending status. If you specify PENDING for a tablespace that is not check pending status, the tablespace is not checked.
- ALL-Check all rows in all the dependent tables in the specified tablespaces.

UOFC001E

VALID OPTIONS: (N)one, "0", "1", "2"

Reason:

This message appears when you have specified an invalid value for CHKLEVEL.

Action:

Specify one of the following values: NONE, 0, 1, or 2.

Note: For more information about the CHKLEVEL field, press the PF1 (Help) key from the FAST CHECK DATA or FAST CHECK INDEX screens, and select the CHKLEVEL field description help.

UOFC002E

VALID OPTIONS: "0", "1"

Reason:

Error message UOFC002E appears when you have specified an invalid value for the MSGLEVEL field.

Action:

Specify one of the following values:

- 0-(Default) Only critical or error messages are issued. Status and informational messages are suppressed.
- 1-All messages are issued, including informational, status, critical, and error messages.

UOFL Messages

Messages with the UOFL prefix are generated from CA Fast Load.

UOFL000E

SPACE-DEFN is ignored for "REORG" type Load

Reason:

When you are running a reorg, the space definition parameter will be ignored. Any value you enter will have no effect on the job.

UOFL001E

(C)alculation is not valid for "BUILD" type Load

Reason:

When you are running a Build type job, you cannot specify a formula for calculating space requirements.

Action:

Specify one of the following:

- Y - Yes, reallocate the data sets, using the values in the catalog.
- N - No, do not make any changes to the VSAM data sets.

UOFL002E

SPACE-DEFN inactive for RESUME (Y)es

Reason:

Any space definition options you enter will be ignored if the job syntax also includes RESUME YES.

UOFL003E

Valid Options: "ALL", "BUILD", "REORG"

Reason:

The utility has encountered an invalid Output Control option.

Action:

Specify ALL, BUILD, or REORG for Output Control. These Output Control types are described in the product documentation.

UOFL004E

Valid Options: (N)o, (Y)es, NR (NO REPLACE)

Reason:

The utility has encountered an invalid Resume option.

Action:

Specify N, Y, or NR for the Resume option.

UOFL005E

Valid Options: (S)eq, (U)nload

Reason:

An invalid option has been specified for Input Format.

Action:

Specify S (sequential) or U (unload) for the Input Format option. These options are described in the product documentation.

UOFL006E**RECLUSTER is ignored for "REORG" type Load****Reason:**

If you specified Reorg for the Output Format, the value you enter for RECLUSTER will be ignored. The data will be sorted as part of the reorganization.

UOFL007E**Valid Options: Numeric or "LEAF"****Reason:**

An invalid specification has been entered for the NonLeaf Pct Free option.

Action:

Specify one of the following:

- A number between 0 and 99 to indicate the percentage of free space to leave on non-leaf pages.
- LEAF-Indicates that the PCTFREE value used for leaf pages should also be used for non-leaf pages.

UOFL008E**NO-DUPLCHECK is valid only with "REORG" type Load****Reason:**

The utility will bypass checking unique indexes for duplicate records only if you are executing an Output-Control REORG type load.

UOFL009E**QUICK COPY is not allowed for "REORG" type Load****Reason:**

You *cannot* include an image copy as part of the load job when you are executing an Output Control Reorg type load. (However, you *can* include the image copy as part of the reorganization.)

UOFL010E

DSNAME is required

Action:

You must specify the name of the data set that contains the data to be loaded.

UOFL011E

Data set not found in catalog

Reason:

The utility cannot find the data set you specified.

Action:

Check the name and qualifier.

UOFL013E

Valid Options: (Y)es, (N)o, NS (No SORT-CLINDX)

Action:

Specify a valid RECLUSTER option. You can specify one of the following: Recluster No (N), Recluster Yes (Y), or Recluster No, Sort clustering index (NS).

UOFL014E

KEEPDICTIONARY is valid only with "RESUME NO REPLACE"

Reason:

KEEPDICTIONARY is valid only in jobs that specify REPLACE and it *must* follow the REPLACE keyword. The REPLACE keyword, in turn, must follow the RESUME keyword.

As a result, you cannot specify Y (Yes) in the KEEPDICTIONARY field without specifying NR (NO REPLACE) in the Resume field.

UOFL015E

SPACE-DEFN is not allowed for individual partitions

Reason:

When using the Table Load screen, you *cannot* indicate space definition if you have entered partition numbers in the Input field.

UOFL016E

UNLOAD "PAUSE" is valid only for OUTPUT-CONTROL of "ALL"

Reason:

When using the Table Load screen, you cannot indicate UNLOAD PAUSE if you entered ALL in the Output Control field.

UOFR Messages

Messages with the UOFR prefix are generated from CA Fast Recover.

UOFR001E

Valid Options: (L)ocal, (R)ecovery

Reason:

You can use local (L) or recovery (R) image copies.

UOFR002E

MAXTAPES range is 1 - 32

Action:

Specify the maximum number of tapes per tablespace copy merge process. Valid values are from 1 to 32. The default is 5.

UOFR003E

Valid Options: (D)ataset, (L)AST-COPY

Action:

Specify the image copy you want to use for the recovery. If you want to specify the data set name, enter D, and then enter the fully qualified data set name in the DSN field.

If you want to use the last image copy taken, you can specify L, and CA Fast Recover will determine the correct name.

UOFR004E

TOSEQNO not allowed when TOVOLUME is blank or "CATALOG"

Reason:

You can only specify a file sequence number if you have specified a volser in the TOVOLUME field. Otherwise, leave the TOSEQNO field blank.

UOFR005E

Must be HEX digits: 0 - 9, A - F

Reason:

RBAs must be specified as hexadecimal numbers.

Action:

To specify a hexadecimal number, enter an even number of hexadecimal digits.

UOFR006E

Valid Options: (L)AST-RBA, or HEX digits: 0 - 9, A - F

Action:

Specify the RBA to which you want to recover.

If you want to specify a particular RBA, enter it as a hexadecimal number (that is, enter an even number of hexadecimal digits).

If you want to use the last RBA that marks a copy or quiesce point, you can specify L and the utility will determine the correct RBA.

UOFR007E

STOPLIMIT range is 1 - 99

Action:

You must specify an integer between 1 and 99, inclusive.

UOFR008E

A FULLY QUALIFIED dataset name accompanies TOCOPY option "D" only

Action:

To use the D option in the TOCOPY field, you must specify a fully qualified data set name in the DSN field. This data set should be the name of the image copy to which you want to recover the tablespace.

UOFR009E

MAXTASKS range is 1 - 6

Reason:

You have specified an invalid value for MAXTASKS. The value must be between 1 and 6.

UOFR010E

"Y" not allowed for specific partitions.

Reason:

Y is not allowed because you cannot specify RECOVER INDEX ALL for an index partition recovery.

UOFR011E

SORT-LOG must be "Y" to recover all indexes

Reason:

If a tablespace is in check pending status, and the SORT-LOG YES parameter was not used, then you cannot recover the index using ALTERNATE YES. The index can be recovered using ALTERNATE NO. The index is then unavailable during the recovery process. Otherwise, specify Y in the SORT-LOG field.

UOFR012E

"TOCOPY" INVALID with RBA and LOGPOINT parms.

Reason:

Y is not allowed because you cannot have not also specified Y in the Quick Copy field.

UOFR012E

"TOCOPY" INVALID with RBA and LOGPOINT parms

Reason:

You have attempted to enter values for TORBA (or FROMRBA) as well as TOCOPY (or TCDSN). The two sets of fields, TORBA/FROMRBA and TOCOPY/TCDSN, are mutually exclusive. Choose one set or the other.

UOFR013E

Modify Bits can only be used if Quick Copy is "Y".

Action:

You must specify Y in the Quick Copy field if you want to use Modify Bits.

UOFR014E

Valid Options: (L)AST-LOGPOINT, or HEX digits: 0 - 9, A - F

Action:

Specify L for LAST-LOGPOINT or enter a hex digit 0-9, A-F.

UOFR015E

RBA and LOGPOINT parms are mutually exclusive

Reason:

You have specified RBA and LOGPOINT options but you can only specify one or the other.

UOFR016E

Valid options: AUTO, or USER

Action:

Specify AUTO or USER.

UOFR017E

Valid Options: INT format or HEX digits: 0-9, A-F

Action:

Enter a hex digit 0-9, A-F.

UOFR018E

INCRDD requires a FULLDD entry.

Reason:

When you use the INCRDD option, you must specify a FULLDD entry.

UOFR019E

Old OBID entry requires a New OBID entry.

Reason:

You cannot specify an old OBID without also specify a new OBID.

UOFU Messages

Messages with the UOFU prefix are generated from CA Fast Unload.

UOFU000E

VALID OPTIONS: (T)able,(I)mageCopy,(D)SN1COPY,(C)ONCURRENTCOPY

Reason:

You have entered an invalid value in the Input-Format field. Specify the format of the data to be unloaded, using one of the following values:

- T- Table. The input resides in a DB2 tablespace.
- I- Image Copy. The input is the result of an IBM DB2 COPY utility or a comparable utility that does not copy empty or unformatted pages.
- D- DSN1COPY. The input is the result of an IBM DB2 DSN1COPY utility or a comparable utility that does copy empty and unformatted pages, such as CA Quick Copy.
- C-CONCURRENTCOPY. Indicates that the copy data set from which data will be unloaded is a DFSMS Concurrent Copy.

UOFU001E

VALID OPTIONS: (R)eference,(C)hange,(I)gnore

Reason:

You have entered an invalid value in the SHRLEVEL field. Specify the level of SQL lock the object should be placed in during the unload:

- R- Reference. The table has a share lock.
- C- Change. Other programs can change the table. The table has no lock placed on it. Fast Unload will look in the buffer pool.
- I-Ignore. Fast Unload performs without regard to the status of the tablespace or any other DB2 activity against the table. The table is not locked.

UOFU002E

VALID OPTIONS: (E)mpty,(Q)uote

Reason:

Error message UOFU002E indicates that you have entered an invalid value in the Null-Field field. Specify how a null field should be represented in the unloaded data. (This field is ignored unless you have specified Output-Format is COMMA-DELIMITED.)

- E-Empty. A null field will be represented by nothing between two field separators.
- Q-Quote. A null field will be represented by two string delimiters between the field separators.

UOFU004E

VALID OPTIONS: (N)one,(D)B2load,(DO)nly,(F)astload,(FO)nly

Reason:

You have entered an invalid value in the Load-Control field. Specify what kind of LOAD control cards you want CA Fast Unload to generate, if any. Valid values are as follows:

- N-None. No load control cards are generated.
- D-IBM LOAD. Generates IBM LOAD control cards.
- DO-IBM LOAD-only. Generates DB2 LOAD control cards, but does not actually unload the data.
- F-CA Fast Load. Generates CA Fast Load control cards.
- FO-CA Fast Load-only. Generates CA Fast Load control cards, but does not actually unload the data.

UOFU005E

VALID OPTIONS: (A)ll,(N)one,(C)ritical

Reason:

You have entered an invalid value in the Message field. Indicate the level of sort messages you want displayed in the execution log and on the operator console.

Action:

Specify one of the following:

- A-All. Display all messages.
- N-None. Do not display any of the sort messages.
- C-Critical. Display only the critical sort messages.

UOFU006E**Sample Count (x) MUST have a Sample Size (y)****Reason:**

You have specified a sample count (the first value) without specifying a sample size (the second value) in the Sample field. You must specify the sample size if you want to specify the sample count.

Note: You can specify the sample count without specifying a sample size.

UOFU007E**Output Format must be (C)omma-delimited to use this parameter****Reason:**

Unless you have indicated an Output Format of COMMA-DELIMITED, you cannot specify a Comma or Quote delimiter.

UOFU008E**CHARACTER format is "_", HEX format is X"__".****Reason:**

Specifies the format for character and hexadecimal literals. Character literals are EBCDIC characters enclosed by a single quote ('). For example comma is specified as ','.
Hexadecimal literals are designated by a single quote ('). For example, comma is specified as X'6B'.

UOFU009E**Valid HEX characters are 0-9, A-F****Reason:**

You must use valid hexadecimal characters to designate a hexadecimal literal. Specify characters 0-9 and A-F.

UOFU010E

VALID OPTIONS: (N)one, (O)nly, (E)xtension

Reason:

You have specified an invalid value for SQL-ACCESS.

Action:

Specify one of the following:

- N-None. Do not use SQL to access the tablespace. If the SQL statement cannot be processed using EXCP or VSAM, the job will fail.
- O-Only. Use only SQL access to unload the tablespace.
- E-Extension. Use EXCP or VSAM processing if possible; otherwise use SQL access to unload the tablespace.

UOFU011E

SQL-ACCESS must be "N" for ImageCopy, DSN1COPY, and CONCURRENCOPY

Reason:

You have specified an invalid value for SQL-ACCESS.

If you have entered D for DSN1COPY in the Input Format field, the SQL-ACCESS field must be N for NONE.

UOFU012E

LOAD-CONTROL must be "N" if OUTPUT-FORMAT is COMMA-DELIMITED

Reason:

You have specified an invalid value for LOAD-CONTROL.

If you have entered D for COMMA-DELIMITED in the Output Format field, the Load-control field must be N for NO.

UOFU013E

SAMPLE COUNT must be less than SAMPLE SIZE

Reason:

The sample size you specified is smaller than the sample count specified.

UOFU015E

SQL-ACCESS "O" not allowed with PARTITION SELECTION

Reason:

You cannot specify partition numbers when specifying SQL-ACCESS ONLY.

UOFU016W

SQL-ACCESS "E" may cause abend due to PARTITION SELECTION

Reason:

CA Fast Unload cannot use EXCP or VSAM processing and attempts to use SQL-ACCESS and you have specified partition numbers.

UOGL Messages

Messages with the UOGL prefix are generated from general facilities used by several products, including: CA Data Compressor, CA Database Analyzer, CA Fast Check, CA Fast Index, CA Fast Load, CA Fast Recover, CA Fast Unload, CA LogCompress, CA Merge/Modify, CA Partition Expert, CA Quick Copy, and CA Rapid Reorg.

UOGL000E

SQL ERROR HAS BEEN ENCOUNTERED => -&SQLERR

Reason:

The CA DB2 utility has encountered an SQL error. The SQL error number displays to help you diagnose the problem.

UOGL001E

RC=&rtn, RCODE=&rcode &RMES

Reason:

The DB2 Call Attach Facility has detected an error. This is probably due to a DB2 connection problem. The return and reason code for the error are displayed to assist you in diagnosing the problem.

UOGL002E

STORAGE ACQUISITION REQUEST FAILED - APPLICATION CANCELLED

Reason:

Not enough memory is allocated for the requested application.

Action:

Check your space allocations.

UOGL003E

APPLICATION FAILED DURING "OPEN" PROCESSING OF "PTILIB"

Reason:

The file PTILIB cannot be opened.

Action:

Check the PTILIB DD statement to be sure PTILIB is allocated to the CA Load Libraries.

UOGL004E

INVALID COMMAND

Reason:

You have entered an invalid command.

Action:

Check to see whether you have entered the command incorrectly.

UOGL005W

MODEL JCL contains NO symbolics

Reason:

The requested model JCL member contains no symbolic variables. When the model member contains no symbolic variables, the Symbolic Variables Replacement screen is not displayed.

UOGL006E**Execution REQUIRES valid MODEL****Reason:**

You tried to execute a utility without specifying a required model JCL member.

Action:

Specify the required model JCL member before submitting the job for execution.

UOGL007E**Data Field Required****Reason:**

You have not specified a value for a required field.

Action:

Check to make sure that all required fields have values specified before trying to perform the function.

UOGL008E**MODEL JCL contains an INVALID Variable****Reason:**

The model JCL member you have specified contains an invalid symbolic variable.

Action:

Check your model JCL and correct your user-defined variables before trying execution again.

UOGL009I**JOB stream written to DESTINATION****Reason:**

Your request to send JCL to a data set has been completed. This message is for information only and does not indicate that there is any problem.

UOGL010E

Dataset failed on &DTYPE - RETCODE => &DERR

Reason:

An ISPF function error has occurred. The return code for the error displays to assist you in diagnosing the problem.

Action:

See your ISPF manual for more information on the return code.

UOGL011E

&ZERRLM

Reason:

This is an ISPF Services error message.

UOGL012E

MODEL JCL / OUTPUT Destination Datasets MUST be Partitioned

Reason:

You have specified a sequential file for a function that requires a partitioned data set.

Action:

Enter the name of a partitioned data set and try again.

UOGL013E

MODELJCL - MEMBER not found in MODEL JCL DATASET

Reason:

The model JCL member you specified cannot be found in the model JCL library specified.

Action:

Check to make sure you have entered both names correctly and try again.

If you receive the same error message, check your model JCL library for the specified model JCL member.

UOGL014E**Data FIELD must be NUMERIC****Reason:**

You have entered a non-numeric value in a field that requires a numeric value.

Action:

Enter a numeric value in the field and try again.

UOGL015E**Application MODULE not found****Reason:**

The specified application module cannot be found.

Action:

Check the PTILIB DD statement to be sure PTILIB is allocated to the CA Load Libraries.

UOGL016E**You have entered an invalid color****Reason:**

You have entered an invalid color on the Profile screen. Valid colors are listed on the Profile screen.

Action:

Use the first letter of the color as an abbreviation.

UOGL017E**Invalid DASD Type****Reason:**

You have specified an invalid device type. Valid device types are 3350, 3380, or 3390.

Action:

Correct the device type.

UOGL018E

Valid Options: (P)review or (B)atch

Reason:

You have entered an invalid execution mode. Valid execution modes are as follows:

- **P**-Preview the JCL.
- **B**-Batch. If you specify batch, you must also specify a job destination.

UOGL019E

Data Object not found in this DB2 system

Reason:

The object you have specified contains no data. There is no data to reorganize.

UOGL020E

Model member "MDCATDSN" does not contain this sub-system

Reason:

Model JCL member MDCATDSN defines all the DB2 subsystems for which PDA will collect statistics or which will use the PDA Page Display Facility. MDCATDSN relates the DB2 subsystem with the corresponding VCAT high level ID. The specified subsystem is not defined in MDCATDSN.

UOGL021E

The load of "PTLDBSYS" failed. Press HELP for more information

Reason:

Module PTLDBSYS has failed to load. This module is used to retrieve the plan name which should be used. This module is created at installation time and must be assembled and linked by the user.

UOGL022E

&RMESS

Reason:

This message displays when the catalog build program fails. This module is used to retrieve all catalog information.

UOGL023E

EXTENDED QUERY FACILITY Error.

Press PF1 for HELP.

Reason:

You have specified a selection code of R (Reorg), F (Fastscan), or I (reorg all Indexes). These options are valid only when CA Rapid Reorg is installed.

UOGL024E

Zero value not allowed.

Reason:

You have specified a selection code of P (PDA statistics collection) or D (PDA index statistics collection). PDA must be installed to use these options.

UOGL025E

You do not own the &sprod product: option &sopt is invalid

Reason:

You have specified a selection option of C, but do not have CA Quick Copy installed.

UOGL026I

UTILITIES do not support distributed processing

Reason:

You have specified a location. CA DB2 utilities do not support distributed processing. You can only execute utilities against local objects.

UOGL027E

This sub-system is not defined in the SETUP parmlib member

Reason:

The subsystem you specified is not defined in the SETUP member of *high-level.CDBAPARM*.

Action:

Identify the SSID in the SETUP parmlib member and attempt the function again.

UOGL028E

CATALIAS parm not specified for SSID in PTIPARM member SETUP

Reason:

The subsystem you specified is defined in the SETUP member of the *high-level.CDBAPARM*, but the CATALIAS parm for that SSID is not specified. The CATALIAS parm specifies the VCAT high level qualifier for the SSID catalog.

Action:

Correct the SETUP parmlib member by specifying the CATALIAS(XXXXXXXX) under the SSID section, and then attempt the function again.

UOGL029E

Invalid option specified - Use HELP for more Information

Reason:

You have specified an invalid option.

UOGL030E

Individual partitions not valid for this option

Reason:

You cannot select individual partitions for the options you are attempting.

Action:

Select the entire object.

UOGL031E

Valid: (Y)es or (N)o

Action:

Specify Y for YES or N for NO.

UOGL032E

The "ALL" option has already been chosen for this object

Reason:

You have already specified the ALL option and cannot specify it again.

UOGL034E

"NO-STATS" generated. Use SPF "FIND NO-" command

Reason:

The online utility has encountered an error.

UOGL035E

The number of characters entered exceeds maximum for the operand

Reason:

You have entered too long a string.

Action:

Check your entry.

UOGL036E

Percent value exceeds 100

Reason:

The value you have specified in the percent field exceeds 100.

UOGL037E

Catalog table processing is not allowed for this utility

Reason:

You cannot use catalog table processing with the utility you have specified.

UOGL040E

CA command not formatted correctly. Consult HELP panel

Reason:

You have entered an invalid CA command such as the -TERM command which is used by IBM to terminate utilities.

UOGL041E

VALID OPTIONS ARE: "MAX", "nnnnnK", and "nnnnnM".

Reason:

You have specified an option other than MAX, nnnnnK, or nnnnnM.

UOGL042W

Data set not found in catalog

Reason:

The utility encountered an error when trying to find the data set you specified.

Action:

Make sure you have spelled the data set name correctly.

If the data set still cannot be found, see your System Administrator.

UOGL044E

File &ODSN not found

Reason:

The utility encountered an error when trying to find the data set you specified.

Action:

Make sure you have spelled the data set name correctly.

If the data set still cannot be found, see your System Administrator.

UOGL045E

File &ODSN could not be edited.

Reason:

The data set specified in this message cannot be edited.

UOGL046E

Field cannot begin with a numeric.

Reason:

You cannot specify a numeric in the field in question.

UOGL047E

INVALID OPTION SPECIFIED - USE HELP FOR MORE INFORMATION

Reason:

You have entered an invalid option.

For tablespaces, valid options are C, D, H, I, K, P, R, and V. For indexes, valid options are K, R, P, and V. For tables, valid options are B, L, R, P, and U.

- B-Check Index.
- C-Image Copy.
- D-Index Statistics Collection.
- H-Check Index.
- I-Indexes. Reorganize all indexes for the tablespace.
- K-Check Data (tablespace) or Check Index (indexspace).
- L-Load.
- P-PDA Statistics Collection.
- R-Reorg.
- U-Unload.
- V-Recover.

UOQC Messages

Messages with the UOQC prefix are generated from CA Quick Copy.

UOQC000

VALID OPTIONS: "Y" - YES OR "N" NO

Reason:

You have specified an option other than Y (yes) or N (no).

Action:

Correct and resubmit the job.

UOQC000

VALID OPTIONS: "Y" - YES OR "N" NO

Reason:

You have specified an option other than Y (yes) or N (no).

Action:

Correct and resubmit the job.

UOQC001E

VALID REGISTER OPTIONS "Y" - REGISTER COPY, OR "N" - NO

Reason:

You have entered an invalid register option. Valid values are as follows:

- **Y**-Yes, register the image copy in the DB2 catalog.
- **N**-No, do not register the image copy in the DB2 catalog.

Reason:

Correct and resubmit the job.

UOQC002

VALID OPTIONS: "R"EFERENCES, "C"HANGE OR "N"ONE

Reason:

You have specified an invalid SHRLEVEL. Valid values are as follows:

- **REFERENCE**-The tablespace is in READ-ONLY status. This is the default.
- **CHANGE**-Other programs can change the tablespace. The tablespace is in READ-WRITE status.
- **NONE**-The tablespace is in STOP status. Other programs cannot access the tablespace.

Action:

Correct and resubmit the job.

UOQC002E**DSNCOPY1/USER COPIES CANNOT BE REGISTERED IN DB2 CATALOG****Reason:**

By definition, a DSN1COPY is not registered in SYSIBM.SYSCOPY.

UOQC003**MAXTASKS MUST BE A NUMBER BETWEEN 1 AND 64****Reason:**

You have specified an invalid number for MAXTASKS. Specify a number between 1 and 64.

Action:

Correct and resubmit the job.

UOQC004**COPY BUFFERS MUST BE A NUMBER BETWEEN 1 AND 255****Reason:**

You have specified an invalid number for COPY-BUFFERS. Specify a number between 1 and 255.

Action:

Correct and resubmit the job.

UOQC005E**DEVICE TYPE MUST BE DASD OR TAPE****Reason:**

You have entered an invalid device type. Valid types are as follows:

- **D-DASD.** If you specify DASD, you must enter a VOLSER.
- **T-Tape.**

Action:

Correct and resubmit the job.

UOQC006

IC TYPE MUST BE: LP, LB, RP, RB: LOCAL OR REMOTE, PRIMARY OR BACKUP

Reason:

You have entered an invalid COPY type. Valid copy types are as follows:

- **LP**-Local Primary. This is the default for COPY01.
- **LB**-Local Backup. This is the default for all copies except COPY01.

The following options are valid only for sites installed with the RECOVERYSITE install option of DB2.

- **RP**-Remote Primary.
- **RB**-Remote Backup.

Action:

Correct and resubmit the job.

UOQC006E

VOLSER REQUIRED FOR (D)ASD

Reason:

You have specified a device type of DASD, but have not specified a VOLSER.

Action:

Specify a VOLSER and resubmit the job.

UOQC007

YOU MUST SPECIFY AT LEAST ONE IMAGE COPY

Reason:

You must specify at least one image copy to execute CA Quick Copy.

Action:

Specify at least one image copy and resubmit the job.

UOQC009E

IF SHARE LEVEL IS CHANGE, MODIFYBITS MUST BE NO

Reason:

This error message appears when you have specified C (CHANGE) for the share level, and you have specified Y (yes, reset the modify bits) for the Modify Modbits field. It is invalid to request that you and someone else can update the object, since during the image copy, page locks are not acquired. If the modify bits must be reset, you cannot run with a share level of CHANGE.

Action:

Choose a share level of (R)EFERENCE or (N)ONE and resubmit the job.

UOQC010E

VALID OPTIONS: "RESET", "STOP", "RO", "RW", "RW-F", "FORCE"

Reason:

This error message appears when you have specified an incorrect option in the START TS Access field of the Tablespace Build screen.

UOQC011E

LINEAR PARM WILL BE IGNORED IF EXCP IS "Y"

Reason:

This error message appears when you have specified Y (yes, execute EXCP processing) while also indicating Y or YES for a linear tablespace.

Action:

Correct and resubmit the job.

UORR Messages

Messages with the UORR prefix are generated from CA Rapid Reorg.

UORR000E

INVALID OPTION SPECIFIED - USE HELP FOR MORE INFORMATION

Reason:

You have entered an invalid option.

For tablespaces, valid options are C, D, H, I, K, P, R, and V. For indexes, valid options are K, R, P, and V. For tables, valid options are B, L, R, P, and U.

- B-Check Index.
- C-Image Copy.
- D-Index Statistics Collection.
- H-Check Index.
- I-Indexes. Reorganize all indexes for the tablespace.
- K-Check Data (tablespace) or Check Index (indexspace).
- L-Load.
- P-PDA Statistics Collection.
- R-Reorg.
- U-Unload.
- V-Recover.

UORR001E

"CALC" NOT VALID FOR TABLESPACE-INDEX OR TABLE-INDEX REQUESTS

Reason:

Space calculation is valid only when the object was a tablespace selected from a tablespace list or an index selected from an index selection list. You requested space calculation ("C") when the selected object was a tablespace-index or a table-index.

Action:

If you want to use space calculation to reorganize an index, use the Index Selection option to list indexes.

UORR002E**INDIVIDUAL PARTITIONS NOT VALID FOR TABLESPACE-INDEX OR TABLE-INDEX****Reason:**

You requested to reorganize individual partitions of an index when you selected indexes from a Tablespace or Table selection lists. This is not a valid combination.

Action:

If you want to reorganize individual indexspace partitions, select the index from an Index Selection list.

UORR002E**INDIVIDUAL PARTITIONS NOT VALID FOR THIS OPTION****Reason:**

Indicates that you have selected individual partition processing for a utility function that does not support individual partition processing.

Action:

Select ALL or 0 partitions to run the utility on the entire object.

UORR003E**REGION SIZE MUST BE IN FORMAT OF 99999M OR 99999K****Reason:**

You have specified the region size in an invalid format. You may specify region size in megabytes or kilobytes by entering an M or a K after the number. For example, to specify 3 megabytes, specify "3M."

UORR004**REGION SIZE MUST BE GREATER THAN REGION REQUIRED****Reason:**

You have specified a region size less than or equal to the region size required. The online interface displays the amount of region size required.

Action:

Specify a number larger than the amount displayed.

UORR005E

THE DESTINATION LIBRARY MUST NOT INCLUDE THE MEMBER NAME

Reason:

The job destination is a data set and the data set specified contains a member name. The member name should be specified in the member name field.

Action:

Delete the member name from the data set name and enter it in the member name field.

UORR011E

PAUSE AFTER REORG: (P)AUSE OR (C)ONTINUE

Reason:

You have entered an invalid option in the Pause After Unload field. Valid options are as follows:

- P-Pause after the unload. You can then restart the job for the load phase.
- C-Continue the reorganization after the unload. This is the default.

UORR012E

VALID: "BLANK = LAST STATUS", "STOP", "RW",
"RR", or "FORCE"

Reason:

You have entered an invalid object startup access option. Valid options are as follows:

- blank-Start in the object's original status.
- STOP-Do not restart the object.
- RW-Read/write.
- RO-Read only.
- FORCE-Resets any warning flags and forces full access to data.

UORR013E**VALID: (Y)YES OR (N)O****Reason:**

You have entered an invalid option. Valid options are as follows:

- Y-Yes
- N-No

UORR014E**(N)O, (Y)ES - USE CURRENT DEFINITIONS, (C)ALCULATIONS****Reason:**

You have entered an invalid value for the Space Redefinition option. Valid values are as follows:

- N-No, do not redefine the space.
- Y-Define the space using the current definitions.
- C-Use the Space calculations feature to redefine the space.

UORR015E**RESTART OPTION INVALID****Reason:**

You have specified an invalid Restart option. Valid options are as follows:

- R-RESTART. Restart the job at the last phase. If the tablespace is not in restart mode, an error message will be issued.
- B-RESTART(BYPASS). Restart the job at the unload phase. If there is a restart record, ignore it.
- C-CHECK SYNTAX . Check the syntax. The reorganization will not be performed, but messages will be issued to verify if the syntax is correct or if there are errors.

If the Restart parameter is left blank, the job will be started as a new reorganization job. If a restart record is found, an error message is issued stating that the object is in REORG mode.

UORR016E

DATA FIELD MUST BE NUMERIC OR IN CALCULATION FORMAT

Reason:

The specified data field must contain a numeric value or a calculation. You have specified an invalid data format.

Action:

Change the data to a numeric value or a calculation.

UORR017E

(C)ALCULATIONS NOT VALID FOR "ALL" PARTITIONS

Reason:

Space calculation ("C") is not valid when reorganizing "ALL" partitions.

Action:

If you want to use space calculation, select each partition separately.

UORR018E

CONDITION CODED IS INVALID

Reason:

The space calculation condition you have coded is invalid.

UORR019E

CATALOG ACCESS ERROR

Reason:

An error occurred trying to access the catalog.

UORR020E**Tablespace has been migrated****Reason:**

Space calculation (C) was requested for the selected object, but the object has been migrated.

Action:

To use the space calculation function, the object must not be migrated.

UORR021E**THIS OPTION WILL BE IGNORED UNLESS RECLUSTER AND SORTDATA ARE "Y"****Reason:**

This error message appears when you have specified a value for BYPASS-SYSREC, but have not specified RECLUSTER YES, SORTDATA YES. BYPASS-SYSREC is valid only for jobs that have specified RECLUSTER Y(ES) SORTDATA Y(ES).

UORR022E**DATA AVAILABILITY: (N)ORMAL, (H)IGH, (C)RITICAL****Reason:**

This error message appears when an invalid specification has been entered for DATA AVAILABILITY. Valid specifications for DATA AVAILABILITY are as follows:

- N-(Default) NORMAL. Normal reorg processing: the tablespace or index is unavailable during the reorg process. No temporary target VSAM data sets are used.
- H-HIGH. High availability processing: the original tablespace or index is available in READ ONLY mode during the reorganization, except for a short time at the beginning of the reorg and at the end of the reorg, while data set renaming takes place.
- C-CRITICAL. Indicates that the high performance mode of processing will run.

UQC008

IT IS INVALID TO RESET MODBITS WITHOUT RECORDING COPY IN SYSCOPY

Reason:

You have requested to reset the modify bits without updating SYSCOPY to record the image copy.

Action:

To reset modify bits, you must specify YES for UPDATE SYSCOPY.

Correct and resubmit the job.

UTG Messages

Messages with the UTG prefix are generated from general facilities used by several products, including: CA Data Compressor, CA Fast Check, CA Fast Index, CA Fast Load, CA Fast Recover, CA Fast Unload, CA LogCompress, CA Merge/Modify, CA Partition Expert, CA Quick Copy, and CA Rapid Reorg.

UTGL000

IFI FAILED ON RETURN CODE xxxx REASON CODE yyyy

Reason:

Indicates that IFI did not succeed in stopping the object. Instead, it returned the return code and reason code specified. The reason code is shown in hexadecimal.

Action:

Preface the reason code with 00E6 to identify the reason in *DB2 Messages and Codes*.

UTGL500E

RESTART TABLE INITIALIZATION ERROR RC: rc REASON: reason

Reason:

An attempt to initialize a restart work area through the utilities restart API has failed.

Action:

The return code and the reason code are provided to aid in diagnosing the problem. Try the DB2C command again.

WNG Messages

Messages with the WNG prefix are generated from the CA Plan Analyzer conversion program.

WNG

DUPLICATE SQL ROW NOT ADDED. CONTINUING CONVERSION.

Reason:

SQL DB2 detected an exact duplicate row while trying to add to a new PPA 2.0 table. Duplicate information could occur if the conversion program is run more than once or if the PPA 2.0 tables contain an identical HVERSION name.

The conversion program ignores the duplicate information and continues the conversion.

XD Messages

Messages with the XD prefix are generated from CA InfoTransport.

XD000001 to XD001002

Relates to the z/OS processing that occurs during CA InfoTransport execution.

XD001100 to XD001136

Relates to the processing that occurs on the target machines during the run.

XD002000 to XD002026

Relates to the processing that occurs on the DB2 database server during the run.

XD003000 to XD003014

Relates to the processing that occurs on the Oracle database server during a run.

XD004000 to XD004110

Relates to the processing that occurs on Sybase, Sybase SQL, and Microsoft servers during a run.

XD005000 to XD005008

Relates to the processing that occurs on an Informix database server.

XD006000 to XD006012

Relates to the processing that occurs on a Red Brick database server.

XD000001

FAST UNLOAD INTO CLAUSE NOT SUPPORTED.

Reason:

You have included an INTO clause within the FASTUNLOAD statement in the JCL. The INTO clause is not supported when running CA Fast Unload in conjunction with CA InfoTransport. This error causes the job to terminate.

Action:

To rerun this job, remove the INTO clause from the JCL.

XD000002

FAST UNLOAD DATA FORMAT MUST BE DSNTIAUL.

Reason:

When this error occurs, processing is terminated.

XD000003

THE CALCULATED RECORD LENGTH IS TOO LONG.

Reason:

CA InfoTransport has determined that the input record length is too long for the target database type. The CA InfoTransport job has been canceled.

Action:

Define fewer columns in the input DDL or reduce the length of the input rows, and rerun the job.

XD000004

AN INVALID FAST UNLOAD DATA TYPE WAS DETECTED.

Reason:

The CA Fast Unload CDB (column descriptor block) contains a data type not found in the source DB2 DDL.

XD000005**FAST UNLOAD CDB DOES NOT MATCH DDL.****Reason:**

This general message indicates a discrepancy between the CDB (column-descriptor block) generated by CA Fast Unload and the source DB2 DDL used by CA InfoTransport. CA InfoTransport generates one or more additional messages to describe the error(s) more specifically. (See message descriptions XD000006 through XD000012 following.)

When such a discrepancy occurs, the run for the specific strategy is terminated.

XD000006**FASTUNLOAD COLUMN `column_name` OF TYPE `data_type` EXPECTED TO BE `data_type`.****Reason:**

The CA Fast Unload CDB (column-descriptor block) defines a specific column as a certain data type. However, the source DDL defines the column as a different data type.

Action:

To correct the discrepancy, change the DDL or the source table.

XD000007**FASTUNLOAD COLUMN `column_name` EXPECTED TO BE NULLABLE.****Reason:**

The CA Fast Unload CDB (column-descriptor block) defines a specific column as NOT NULL. However, the source DDL defines the column as NULL.

Action:

To correct the discrepancy, change the DDL or the source table.

XD000008**FASTUNLOAD COLUMN `column_name` EXPECTED TO BE NOT NULLABLE.****Reason:**

The CA Fast Unload CDB (column-descriptor block) defines a specific column as NULL. However, the source DDL defines the column as NOT NULL.

Action:

To correct the discrepancy, change the DDL or the source table.

XD000009

FASTUNLOAD COLUMN `column_name` SCALE EXPECTED TO BE `scale_value`.

Reason:

The CA Fast Unload CDB (column-descriptor block) defines a specific column as having a scale value that differs from the scale defined for that same column in the source DDL.

Action:

To correct the discrepancy, change the DDL or the source table.

XD000010

FASTUNLOAD COLUMN `column_name` HAS AN UNEXPECTED LENGTH `column_length`.

Reason:

The CA Fast Unload CDB (column-descriptor block) defines a specific column as having a length that differs from the length defined for that same column in the source DDL.

Action:

To correct the discrepancy, change the DDL or the source table.

XD000011

MORE FAST UNLOAD COLUMNS THAN DDL COLUMNS.

Reason:

The CA Fast Unload CDB (column-descriptor block) defines more columns than the source DB2 DDL.

Action:

To correct the discrepancy, change the DDL or the source table.

XD000012

MORE DDL COLUMNS THAN FAST UNLOAD COLUMNS.

Reason:

The CA Fast Unload CDB (column-descriptor block) defines fewer columns than the source DDL.

Action:

To correct the discrepancy, change the DDL or the source table.

XD000013**DATEFORMAT STATEMENT IS REQUIRED.****Reason:**

The strategy is missing the DATEFORMAT statement, which determines the date format for DSNTIAUL input data. The run using this strategy is terminated.

Action:

To fulfill this requirement, enter the DATEFORMAT statement in the strategy.

XD000014**ERROR OCCURRED WHEN PROCESSING DSNTIAUL, REORGUNLOAD, IXF, LOGANALYZER, OR INFOREFINER INPUT ROW NUMBER.****Reason:**

This general message indicates that there is a problem during processing and should be accompanied by more specific system messages.

Action:

Consider the following:

If the program is writing to an output data set:

- Check the OUTPUT file specifications in the strategy to make sure they are set properly.

If the program is writing to target networks:

- Check the target network specifications in the strategy to make sure they are set properly.
- Check for previous error messages on the target network.
- Check the CA InfoTransport message file and ptierror.log on the target machine for error descriptions.

XD000015

A NON-FAST UNLOAD STRATEGY WAS SPECIFIED IN A JOB WHERE THE FIRST STRATEGY WAS A FAST UNLOAD STRATEGY.

Reason:

The job contains both CA Fast Unload and non-CA Fast Unload strategy types. Because the first strategy is a CA Fast Unload strategy, CA InfoTransport expects all strategies for this job to be CA Fast Unload strategies.

Action:

To correct this error, move all non-CA Fast Unload strategies to another job and submit the jobs separately.

XD000016

UNABLE TO OPEN INPUT DATA FILE `file_name` BECAUSE REASON.

Reason:

The program is unable to access the input data set containing the table data you are moving.

Action:

Make sure that the following conditions are satisfied:

- You have entered a valid, fully-qualified name *or* a DD name for the input data set in the strategy.
- If you entered the DD name in the strategy, you have defined the DD name correctly in the JCL.
- You have the proper authority to access the data set.
- You are not locked out of the data set.

XD000017

AN ERROR OCCURRED READING THE STRATEGY FILE.

Reason:

This general message indicates that the parser detected one or more errors while reading the strategy file. The parser generates additional messages to describe the error more specifically.

When the parser detects an error in the strategy file, the run for the strategy is terminated.

XD000018**AN ERROR OCCURRED READING THE DDL FILE.****Reason:**

This general message is used to indicate that the parser detected one or more errors while reading the source DB2 DDL file. The parser generates additional messages to describe the specific error more specifically.

When the parser detects an error in the DDL file, the run for the strategy is terminated.

XD000019**AN ERROR OCCURRED BUILDING DDL FOR THE TARGET DATABASE TYPE.****Reason:**

When this error occurs, processing is terminated.

XD000020**AN ERROR OCCURRED VERIFYING STRATEGY FILE PARAMETERS.****Reason:**

This general message indicates that the program detected an error while verifying required parameters in the strategy. The program generates additional messages to identify these errors more specifically. (See subsequent messages.)

XD000021**TCPPORTNUMBER STATEMENT REQUIRED FOR MACHINE/IP machine_name or ip_address TARGET NETWORK SPECIFICATION.****Reason:**

The strategy specifies TCP/IP as the network type but does not provide a TCPPORTNUMBER statement to identify the server component on the target machine. This error terminates the run.

Action:

Enter a TCPPORTNUMBER statement in the Target Globals section or in the Target Network definition for the specific target network.

XD000022

A FAST UNLOAD STRATEGY WAS SPECIFIED IN A JOB WHERE THE FIRST STRATEGY WAS A NON-FAST UNLOAD STRATEGY.

Reason:

The job contains both CA Fast Unload and non-CA Fast Unload strategy types. Because the first strategy is a non-CA Fast Unload strategy, CA InfoTransport expects all strategies for this job to be non-CA Fast Unload strategies.

Action:

To correct this error, move all CA Fast Unload strategies to another job and submit the jobs separately.

XD000023

NETWORK COMMUNICATIONS ERROR: APPC, TCP/IP, OR OPENPLEX TARGET NETWORK plu_name, machine_name, OR ip_address MESSAGE IN MODULE MODULE NAME.

Reason:

The communication link between the MVS component and the target machine is disrupted.

Action:

Check the following:

If the program is writing to an output data set:

- Check the OUTPUT file specifications to make sure they are set properly.
- If the program is writing to target networks:
- Check the target network specifications to make sure they are set properly.
 - Check for previous error messages on the target network.
 - Check the CA InfoTransport message file and ptierror.log on the target machine for error descriptions.

XD000024

FAILED TO CONNECT TO TARGET NETWORK plu_name, machine_name, OR ip_address.

Reason:

The program is unable to communicate with the specified target network. The process for moving data to that target network is terminated.

This error can occur if you entered the incorrect PLU name for the target network (if the target network uses APPC or OpenPlex) or the incorrect machine name or IP address (if the target network uses TCP/IP) in the strategy.

XD000025

ALL TARGETS HAVE BEEN DISCONNECTED.

Reason:

This message displays when the entire run is terminated due to *both* of these conditions:

Communication with each target network has been terminated.

CA InfoTransport is not writing to a target data set; or if CA InfoTransport is generating multiple data sets for a large table, the target data sets are filled before all data has been sent to them.

XD000026

FILE LIMIT EXCEEDED FOR dataset_name.

Reason:

The program is moving a large table and has generated additional data sets to hold the converted information. However, the program has reached the maximum number of extra data sets that it can generate. The process of moving data to target data sets is terminated.

Action:

To avoid this error, specify a higher value for the OUTPUTDATASETLIMIT parameter in the strategy.

XD000027

BEGIN TARGET NETWORK plu_name, machine_name, OR ip_address MESSAGES

Reason:

Indicates the beginning of the target network message listing.

XD000028

INPUTDATASET OR INPUTDDNAME STATEMENT IS REQUIRED.

Reason:

The program does not detect an INPUTDATASET or INPUTDDNAME statement in the strategy. This statement identifies the data set that contains the source data for the run. The run is terminated.

Action:

Enter an INPUTDATASET or INPUTDDNAME statement in the strategy. (Note that you do not need an INPUTDATASET or INPUTDDNAME statement when the input type is FASTUNLOAD.)

XD000029

TABLEOBID STATEMENT IS REQUIRED.

Reason:

The program does not detect a TABLEOBID statement in the strategy when the input type is REORGUNLOAD. The run is terminated.

Action:

Enter a TABLEOBID statement in the strategy if the input type is REORGUNLOAD.

XD000030

INPUTTYPE STATEMENT REQUIRED.

Reason:

The program does not detect an INPUTTYPE statement in the strategy. This statement indicates the format of the input data that you are using. The run is terminated.

Action:

To rerun the program using this strategy, enter an INPUTTYPE statement.

XD000031**INVALID SOURCE AND TARGET CODE PAGE COMBINATION.****Reason:**

The strategy contains an invalid code page combination for the SOURCECODEPAGE and TARGETCODEPAGE parameters. This error terminates the CA InfoTransport run.

Action:

Enter a valid source and target code page combination.

XD000032**INVALID SOURCECODEPAGE VALUE.****Reason:**

The strategy contains an invalid code page value for the SOURCECODEPAGE parameter. This error terminates the run.

Action:

Enter a valid code page for this parameter.

XD000033**INVALID TARGETCODEPAGE VALUE.****Reason:**

The strategy contains an invalid code page value for the TARGETCODEPAGE parameter. This error terminates the run.

Action:

Enter a valid code page for the parameter.

XD000034

TARGET CODE PAGE FOR MSSQLSERVER, MSSQLSERVER6, ORACLE, REDBRICK, SYBASESQLSERVER, SYBASESYSTEM10, AND SYBASESYSTEM11 MUST BE 437 OR 850.

Reason:

The strategy contains an invalid code page value for the TARGETCODEPAGE parameter. The TARGETCODEPAGE value must be 437 or 850 when the TARGETDATABASETYPE parameter is:

- MSSQLSERVER
- MSSQLSERVER6
- ORACLE
- REDBRICK
- SYBASESQLSERVER
- SYBASESYSTEM10
- SYBASESYSTEM11

This error terminates the run.

Action:

Enter 437 or 850 for the TARGETCODEPAGE parameter.

XD000035

DDLDATASET OR DDLDDNAME STATEMENT REQUIRED.

Reason:

The program does not detect a DDLDATASET or a DDLDDNAME statement in the strategy. This statement identifies the data set containing the source DB2 DDL. When this information is missing, the run is terminated.

Action:

Enter a DDLDATASET or DDLDDNAME statement in the strategy.

XD000036**TABLE CREATE STATEMENT IS REQUIRED.****Reason:**

The program does not detect a TABLE CREATE statement in the source DB2 DDL for this strategy. This missing information terminates the run.

Action:

Enter a TABLE CREATE statement in the source DB2 DDL for the run.

XD000037**YOU CANNOT SPECIFY BOTH DBSPACE AND FRAGMENTBY PARAMETERS FOR THE plu_name, machine_name, or ip_address TARGET NETWORK SPECIFICATION.****Reason:**

The program has encountered both DBSPACE and FRAGMENTBY parameters for the indicated target network. The run to this target has been cancelled.

Action:

You can indicate the DBSPACE or FRAGMENTBY parameter for a single target network definition, but not both. Make sure that:

- You have specified DBSPACE or FRAGMENTBY in the Target Global parameters for the strategy *only if* all target networks will store the data in the same manner.
- If you have specified DBSPACE (or FRAGMENTBY) in the Target Global section, you have not also specified the other parameter in a Target Network definition.

Correct the strategy and resubmit the job.

XD000038**BEGIN MESSAGES FOR STRATEGY ON DD DD NAME.****Reason:**

Indicates the beginning of the message list for a specific strategy in a job.

XD000039**END MESSAGES FOR STRATEGY ON DD DD NAME.****Reason:**

Indicates the end of the message listing for a specific strategy in a job.

XD000040

END TARGET NETWORK plu_name, machine_name, or ip_address MESSAGES

Reason:

Indicates the end of the target network message listing.

XD000041

OUTPUT HAS BEEN WRITTEN TO DATASET(S).

Reason:

Indicates that the program has written to the output data sets specified in the job.

XD000042

TARGETDATABASETYPE STATEMENT REQUIRED.

Reason:

The program does not detect a TARGETDATABASETYPE statement in the strategy. This statement identifies the database type to which you are converting information. When this information is missing, the run is terminated.

Action:

Enter the TARGETDATABASETYPE statement in the strategy. Valid values include the following:

- DB2V5-DB2 V5 for AIX, HP-UX, OS/2, Sun Solaris, and Windows NT
- DB2V6-DB2 V6 for AIX, HP-UX, OS/2, Sun Solaris, and Windows NT
- DB2V7-DB2 V7 for AIX, HP-UX, OS/2, Sun Solaris, and Windows NT
- INFORMIX-INFORMIX-Online Dynamic Server 7.1 database type
- MSSQLSERVER6-Microsoft SQL Server 6.x database type
- MSSQLSERVER7-Microsoft SQL Server 7.x database type
- MSSQLSERVER2000-Microsoft SQL Server 2000 database type
- ORACLE-Oracle7 database type
- ORACLE8-Oracle8 database type
- ORACLE9-Oracle9 database type
- SYBASESYSTEM11-SYBASE System 11 database type
- SYBASEIQ-Sybase IQ database type
- ASCII-ASCII file format

XD000043**NO TARGETS HAVE BEEN IDENTIFIED IN THE STRATEGY.****Reason:**

A strategy must specify target machine or output data set destinations or both. However, this strategy does not define target type. The run is terminated.

Action:

To correct this strategy, set up OUTPUTDATASET parameters or Target Network definitions or both.

XD000044**LUNAME STATEMENT REQUIRED FOR PLUNAME plu_name TARGET NETWORK SPECIFICATION.****Reason:**

The strategy specifies APPC for the NETWORKTYPE parameter for a target network but does not provide the LUNAME. The LU name is the mainframe logical unit name that APPC requires to connect to the target machine.

Action:

Enter the LUNAME statement in the strategy.

XD000045**PLUNAME STATEMENT REQUIRED FOR APPC AND OPENPLEX TARGET NETWORKS.****Reason:**

The strategy specifies APPC or OPENPLEX for the NETWORKTYPE parameter for a target network but does not provide the PLUNAME statement. The PLU name is the partner logical unit name for the target machine. The run to this target machine is terminated.

Action:

Enter the PLUNAME statement in the strategy for the specific target machine.

XD000046

MODENAME STATEMENT REQUIRED FOR PLUNAME plu_name TARGET NETWORK SPECIFICATION.

Reason:

The strategy specifies APPC or OPENPLEX for the NETWORKTYPE parameter but does not provide the MODENAME statement. For APPC, this mode is usually #BATCH. For OpenPlex, the mode is the PATH NAME parameter value in the OpenPlex definition file on the mainframe.

This error terminates the run.

Action:

Enter the MODENAME statement in the strategy.

XD000047

TPNAME STATEMENT REQUIRED FOR PLUNAME plu_name TARGET NETWORK SPECIFICATION.

Reason:

The strategy specifies APPC or OPENPLEX for the NETWORKTYPE parameter but does not provide the TPNAME statement. The TP name identifies the server component that will run on the target machine when APPC or OpenPlex connects to that machine. The run is terminated.

Action:

Enter the TPNAME statement in the strategy.

XD000048

MACHINENAME or IPADDRESS statement required for TCP/IP target networks.

Reason:

The strategy specifies TCP/IP as the network type for a target network but does not provide a MACHINENAME or an IPADDRESS statement to identify the specific target machine. This error terminates the run.

Action:

Enter a MACHINENAME or an IPADDRESS statement in the strategy for the specific target machine.

XD000049**NETWORKTYPE STATEMENT REQUIRED IN STRATEGY.****Reason:**

The strategy contains Target Network definitions for one or more target machines, but no NETWORKTYPE statement exists. This statement identifies the type of network communication (APPC, TCP/IP, or OPENPLEX) used by a target network. This error terminates the run.

Action:

Enter the NETWORKTYPE statement in the Target Globals section of the strategy or in the specific target network definition.

XD000050**REMOTEFILENAME STATEMENT REQUIRED FOR plu_name, machine_name, or ip_address TARGET NETWORK SPECIFICATION.****Reason:**

The program does not detect a REMOTEFILENAME statement, which is required when the TARGETDATABASETYPE is DB2V2, DB2PE, INFORMIX, ORACLE, REDBRICK, or ASCII. This error terminates the run.

Action:

Enter the REMOTEFILENAME statement in the strategy as required.

XD000051**PARTITIONMAPDATASET OR PARTITIONMAPDDNAME STATEMENT REQUIRED.****Reason:**

When you are setting up a strategy to write data to node output data sets for a target DB2 PE table (and no target networks are defined), the strategy must specify the data set name or the DD name for the partition map that you set up on the mainframe for the table. This partition map is used to fine-tune how the program distributes the table rows among the output data sets.

Action:

Enter this value for the PARTITIONMAPDATASET or the PARTITIONMAPDDNAME parameter.

XD000052

PARTITIONINGKEY STATEMENT REQUIRED.

Reason:

When you are setting up a strategy to write data to node output data sets for a target DB2 PE table (and no target networks are defined), the strategy must specify the partitioning key for the table. The program uses the columns that make up this key as criteria to determine to which output data set node it should write a table row.

Action:

Enter the column name(s) for the PARTITIONINGKEY parameter.

XD000053

DATABASENAME STATEMENT REQUIRED FOR <plu_name, machine_name, or ip_address TARGET NETWORK SPECIFICATION.

Reason:

The strategy is missing the DATABASENAME statement, which identifies the target database. The run is terminated if the target is not an ASCII file.

Action:

Enter the DATABASENAME statement in the strategy.

XD000054

BACKUPBEFOREDEVICE (OR BACKUPBEFOREFILE FOR REDBRICK) STATEMENT REQUIRED FOR plu_name, machine_name, or ip_address TARGET NETWORK SPECIFICATION.

Reason:

The strategy has specified TRUE for the BACKUPBEFORE parameter. However, the BACKUPBEFOREDEVICE statement, which identifies the location at which to store the backup, does not exist. (For REDBRICK targets, you can optionally define a BACKUPBEFOREFILE parameter in place of the device statement.) This error terminates the run.

Action:

Enter the BACKUPBEFOREDEVICE (or BACKUPBEFOREFILE) statement in the strategy.

XD000055

BACKUPAFTERDEVICE (OR BACKUPAFTERFILE FOR REDBRICK) STATEMENT REQUIRED FOR plu_name, machine_name, or ip_address TARGET NETWORK SPECIFICATION.

Reason:

The strategy has specified TRUE for the BACKUPAFTER parameter. However, the BACKUPAFTERDEVICE statement, which identifies the location at which to store the backup, does not exist. (For REDBRICK targets, you can optionally define a BACKUPAFTERFILE parameter in place of the device statement.) This error terminates the run.

Action:

Enter the BACKUPAFTERDEVICE (or BACKUPAFTERFILE) statement in the strategy.

XD000056

CALCULATED MAXIMUM TABLE RECORD LENGTH EXCEEDS DATABASE MAXIMUM.

Reason:

The length of a source table record exceeds the maximum record length for a table on the target DB2 V1 database. This error terminates the run.

XD000057

CALCULATED MAXIMUM TABLE RECORD LENGTH EXCEEDS PERCENT FREE SPACE SPECIFICATION.

Reason:

The length of a source table record is too large for the target DB2 V1 table page when the percentage of free space is calculated for the page. This error terminates the run.

Action:

Reduce the value for the DATPERCENTFREE parameter in the strategy.

XD000058

CALCULATED MAXIMUM INDEX RECORD LENGTH EXCEEDS DATABASE MAXIMUM.

Reason:

The length of a source index record exceeds the maximum record length for an index on the target DB2 V1 database. This error terminates the run.

XD000059

A DATASET TYPE TARGET WAS SPECIFIED, BUT NO TARGET GLOBALS SECTION WAS SPECIFIED.

Reason:

Although a target database type was specified in the strategy, the program did not find a TARGET GLOBALS parameter section.

Action:

To correct this error, add a TARGET GLOBALS section to the strategy.

XD000060

DUPLICATE DATA FOUND FOR UNIQUE INDEX.

Reason:

The source DDL defines a unique index. In building this index, the program has detected non-unique data. The run is terminated.

Action:

Remove the duplicate data from the table, or redefine the index as non-unique.

XD000061

THE ROOT NODE OF THE CURRENT INDEX HAS OVERFLOWED.

Reason:

The index-building process has generated more data than the root node can hold. This error terminates the run.

XD000062

SECOND CREATE TABLE STATEMENT DETECTED.

Reason:

The program has detected that the source DDL has more than one CREATE TABLE statement. This error terminates the run.

Action:

Delete the additional CREATE TABLE statement(s) from the source DDL.

XD000063**EXCEEDED MAXIMUM NUMBER OF SELECT STATEMENTS FOR A STRATEGY.****Reason:**

When you run CA Fast Unload in conjunction with CA InfoTransport, a run is executed for each strategy listed in the JCL. Each strategy can process the results of up to 10 CA Fast Unload SELECT statements. However, in this job, a strategy has been set up to process more than 10 SELECTs. The CA InfoTransport run using this strategy is terminated.

Action:

Update the strategy to process no more than 10 SELECTs.

XD000064**SECOND PARAMETER STATEMENT DETECTED.****Reason:**

This general message notifies you that you have two statements of the same type in the strategy. The run is terminated.

Action:

Remove the unnecessary statement from the strategy.

XD000065**COLUMNFORMAT STATEMENT REQUIRED FOR ASCII TARGET DATABASE TYPE.****Reason:**

The strategy is missing the COLUMNFORMAT statement, which determines the ASCII file output format. The run using this strategy is terminated.

Action:

Enter the COLUMNFORMAT statement in the strategy.

XD000066

A PARTITION MAP VALUE IS OUT OF RANGE. THE VALUE IS <NUMBER>.

Action

The partition map that you have set up on the mainframe and that is used to write data to node output data sets for a DB2 PE table contains a node ID that is out of the range of 0 to 999. If this invalid node ID is found only in the partition map on the mainframe, make the correction to this map, verifying your update against the corresponding partition map for the table on the target database. (Both maps must be identical.) If the invalid node ID also exists in the partition map on the target database, you must correct the value in both maps. You might also check the node group that defines this node ID to verify that it identifies a valid node ID.

XD000067

THE NUMBER OF VALUES IN THE PARTITION MAP IS GREATER THAN 4096.

Action:

The partition map that you have set up on the mainframe and that is used to write data to node output data sets for a DB2 PE table contains more than 4096 values. Make adjustments to this partition map to remove the extra value(s), using the corresponding partition map on the target database as a comparison. If the extra value(s) exist in the partition map on the target database, you must make adjustments to both partition maps. However, make sure that once the updates are made, both maps are identical in content.

XD000068

THE NUMBER OF VALUES IN THE PARTITION MAP IS LESS THAN 4096.

Action:

The partition map that you have set up on the mainframe and that is used to write data to node output data sets for a DB2 PE table contains fewer than 4096 values. Make adjustments to this partition map to add the missing value(s), using the corresponding partition map on the target database as a comparison. If the missing value(s) exist in the partition map on the target database, you must make adjustments to both partition maps. However, make sure that once the updates are made, both maps are identical in content.

XD000069

THE NUMBER OF NODES SPECIFIED IN THE PARTITION MAP number DOES NOT MATCH THE NUMBER OF TARGETS number SPECIFIED IN THE STRATEGY.

Reason:

The number of unique node values in the partition map and the number of targets are not equal. They must match exactly.

Action:

Make sure that the number of unique target network definitions in the strategy correlate to the number of unique node values in the partition map. Check that the partition map contains the correct number of values and that you have not erroneously omitted or added a target network definition to the strategy.

XD000070

THE PARTITION KEY COLUMN column_name WAS NOT FOUND AS A COLUMN IN THE DDL.

Reason:

A column name specified in the PARTITIONINGKEY parameter is not defined as a column in the input DDL.

Action:

To correct the discrepancy, change the input DDL or specify a column name used in the input DDL for the PARTITIONINGKEY parameter.

XD000071

THE SERVERNAME PARAMETER SPECIFIED FOR THE plu_name, machine_name, or ip_address TARGET NETWORK MUST BE THE SAME AS THE VALUE FOR THE TARGET GLOBAL OR FIRST TARGET NETWORK.

Reason:

All target global and network entries must specify the same value for server name.

Action:

Specify the same SERVERNAME parameter value for all target global and network entries.

XD000072

THE DATABASENAME PARAMETER SPECIFIED FOR THE plu_name, machine_name, or ip_address TARGET NETWORK MUST BE THE SAME AS THE VALUE FOR THE TARGET GLOBAL OR FIRST TARGET NETWORK.

Reason:

All target global and network entries must specify the same value for database name.

Action:

Specify the same DATABASENAME parameter value for all target global and network entries.

XD000073

THE QUALIFIER PARAMETER SPECIFIED FOR THE plu_name, machine_name, or ip_address TARGET NETWORK MUST BE THE SAME AS THE VALUE FOR THE TARGET GLOBAL OR FIRST TARGET NETWORK.

Reason:

All target global and network entries must specify the same value for qualifier.

Action:

Specify the same QUALIFIER parameter value for all target and global network entries.

XD000074

DATASET ASSOCIATED WITH DD dd_name IS FULL.

Reason:

The output data set associated with the DD name has been filled and more data needs to be written to it.

Action:

Since only one output data set is allowed for each DD name, specify a data set with a greater space allocation, and rerun the job.

XD000075

THE SERVER INDICATES THAT number NODES ARE PRESENT IN THE NODE GROUP. HOWEVER, ONLY number TARGETS ARE SPECIFIED IN THE STRATEGY OR THE PARTITION MAP SPECIFIED IS INCORRECT.

Reason:

The node group has a different number of nodes than specified in the target network sections.

Action:

Specify the same number of nodes in the node group and the target network sections.

XD000076

THE STRATEGY IDENTIFIES plu_name, machine_name, or ip_address AS THE NAME OF THE NODE BUT THE SERVER INDICATES THAT THE NAME IS plu_name, machine_name, or ip_address AND THE NODE NUMBER IS number.

Reason:

The machine name of a specific node in the node group is different from the name specified in the target network section.

Action:

In the target network section for a node, specify the same machine name as defined for that node on the target database.

XD000077

AN ERROR OCCURRED CALLING THE PARTITIONING API. THE SQLCODE IS SQL CODE AND THE SQLERRMC IS message.

Reason:

An error occurred when calling the DB2 PE partitioning API. The appropriate return codes are also displayed.

XD000078

THE PARTITIONING KEY SPECIFIED IN THE STRATEGY partitioning_key IS DIFFERENT FROM THE PARTITIONING KEY RETURNED BY THE SERVER partitioning_key. THE PARTITIONING KEY FROM THE SERVER WILL BE USED.

Reason:

Informs you that the partitioning key you specified for the PARTITIONINGKEY parameter in the strategy is being overwritten by the partitioning key used by the database server.

Action:

To avoid having the partitioning key that you specified overwritten, specify the partitioning key used by the database.

XD000079

THE PARTITION MAP SPECIFIED IN THE STRATEGY IS DIFFERENT FROM THE PARTITION MAP RETURNED BY THE SERVER. THE PARTITION MAP FROM THE SERVER WILL BE USED.

Reason:

Informs you that the partition map you specified for the PARTITIONMAP parameter is being overwritten by the partition map used by the database server.

Action:

To avoid having the partition map that you specified overwritten, specify the partition map used by the database.

XD000080

THE INFOREFINER PASSWORD INDICATES THAT YOU HAVE NOT PURCHASED THE MODULES NECESSARY TO MOVE DATA TO REMOTE TARGETS ON THE NETWORK.

Reason:

Informs you that you have not purchased the components necessary to move data to remote targets on the network using CA InfoRefiner.

XD000081**OPXDEFNAME STATEMENT REQUIRED FOR TARGET NETWORK SPECIFICATION.****Reason:**

The Target Network definition in the strategy specifies OPENPLEX as the communications type, but the required OPXDEFNAME statement is missing from the strategy. Add this statement, which identifies the name of the OpenPlex definition file on MVS, to the Target Global or the appropriate Target Network section.

XD000082**THE RESTART KEY IS restart_key.****Reason:**

This message displays the restart key, which is used when restarting a job.

XD000083**MVS PROGRAM VERSION IS INFOTRANSPORT VERSION.****Reason:**

This message provides the version of the mainframe component installed on the target machine.

XD000084**ENTRY NUMBER CONVERT-FROM HEXADECIMAL VALUE OF EXTERNAL CODE PAGE TABLE IS OUT OF RANGE. THE OUT OF RANGE VALUE IS CONVERT-TO HEXADECIMAL VALUE.****Reason:**

Within the external code page table that you have specified for source data conversion, the hexadecimal value to which the source hexadecimal value converts is not a valid value. Make sure that the value consists of two characters, each within the range of 0 to F.

XD000085**THE EXTERNAL CODE PAGE TABLE DOES NOT HAVE ENOUGH ENTRIES.****Reason:**

The external code page that you have specified for data conversion contains fewer than 256 entries. Adjust the code page table accordingly. You can use one of the sample code page tables provided with the program to compare with your table to locate missing entries.

XD000086

THE EXTERNAL CODE PAGE TABLE HAS TOO MANY ENTRIES.

Reason:

The external code page that you have specified for data conversion contains more than 256 entries. Adjust the code page table accordingly. You can use one of the sample code page tables provided with the program to compare with your table to locate extra entries.

XD000089

NO STRATEGY DDS WERE DEFINED IN THE JOB.

Reason:

The JCL is missing the strategy DD(s) which identify the strategies to be used in the job.

XD000090

SERVERNAME STATEMENT REQUIRED FOR plu_name, machine_name, or ip_address TARGET NETWORK SPECIFICATION.

Reason:

The strategy is missing the SERVERNAME statement, which identifies the database server on which the target database resides. The run is terminated if the target is Red Brick.

Action:

Enter the SERVERNAME statement in the strategy.

XD000093

GRAPHIC and FOR MIXED DATA data-types are not supported.

Reason:

The table definition contains one or more columns of type GRAPHIC or CHAR FOR MIXED DATA. Graphic or Mixed Data columns cannot be included in tables created or loaded by CA InfoTransport.

Note: The table definition is the file named in DDLDATASET or the file referenced by the DD statement named in DDLDDNAME.)

Action:

Remove the unsupported columns from the target table definition and from the selection criteria that will be used to load the table. When using CA Fast Unload, instead of selecting all columns for a table, select specific columns.

XD000094

COLUMN DEFINITION %S VARCHAR LENGTH %S EXCEEDS DB_LIB LIMIT OF 255 BYTES. SPECIFY MSSQLSERVERACCESS=ODBC AND PORT FOR ITSQ70.EXE AND RERUN.

VARIABLES:

**COLUMN NAME
LENGTH (IN BYTES)**

Reason:

A column definition exceeds the limits set in the DBLib implementation of MS SQLServer.

Action:

Do one of the following depending on whether the module (as shown in the message) is available:

- Module available-If directed, the program will use the ODBC routines to access MS SQLServer. These routines have expanded limits for column and table definitions.
- Module not available-Source table must be defined differently so that each column is within the limits set by DBLib.

XD000095

TARGET DATABASE TYPE SPECIFIED IS NO LONGER SUPPORTED.

Reason:

The database type specified for TARGETDB is not valid (although it once was).

Action:

Choose a valid database type.

XD000096

Warning, Endian mismatch with target. Specified *strategy_endian_value* Target uses *target_endian_value*

Reason:

The ENDIAN value specified in the strategy is not compatible with the endian used on the target system. The target system will be used.

This situation sets the step's return code to 4.

Action:

Specify the correct ENDIAN value in the Strategy.

If you specify multiple targets in a single run, they must all use the same endian value.

XD000097

Endian not specified. Using target system value of

target_endian_value

Reason:

The ENDIAN parameter was omitted from the strategy.

Action:

The endian value used on the target system has been used. To eliminate this message, specify ENDIAN= *target_endian_value* in the strategy file.

If you specify multiple targets in a single run, they must all use the same endian value.

XD000098

Current target endian value *target_endian_value*

is different from previous target.

Reason:

The Endian setting of the current target is different from the previous target.

Action:

Multiple targets in a single run must all use the same endian value. Place targets with the other endian value into a separate step or job.

XD000099

DESCRIPTION: *user description*

Reason:

This message displays a user-specified description entered in the CA InfoTransport strategy.

Action:

No action necessary; for information only.

XD000100

Remote Target [machine name | ip address] *machine name | ip address*

Reason:

The target machine identifier is shown as a machine name (host name) or an ip address.

Action:

No action necessary; for information only.

XD000101

TP Name: appc_program_name **LU Name:** local logical name

PLU Name: partner logical name

Mode: mode

Reason:

This message shows the APPC value used to access the remote server.

Action:

No action necessary; for information only.

XD000102

Database Type: *database type* **Database** *database name* **Server** *servername*

Reason:

Shows the target database information. Database *database name* is omitted when not applicable for the type of database, if the target type is an ascii file.

Action:

No action necessary; for information only.

XD000103

Target Table *qualifier tablename*

Reason:

Shows the name of the table that will be loaded

Action:

No action necessary; for information only.

XD000104

PACKETSIZE cannot be specified for Oracle targets. Substituting 0.

Reason:

When defining a load to an Oracle database, the strategy parameter PACKETSIZE was specified with a value greater than 0. PACKETSIZE may only be used when defining Sybase targets. It should be omitted for other targets. The packet size value will be set to 0 and processing continues.

Note: Because PACKETSIZE has no affect with Oracle targets, this will not affect your results.

Action:

None required.

XD000105

Dummy fields cannot be exported to *target_database_type* target.

Reason:

The strategy option SENDDUMMYREMOTE=TRUE was specified, but the source is not CA InfoRefiner or the target is not an Oracle database.

Dummy fields are a feature of CA InfoRefiner models; they do not exist in other sources available to CA InfoTransport. Regarding remote target loads or replication, they are only needed in certain specialized replications to Oracle databases. For any other target database type, the CA InfoTransport parameter SENDDUMMYREMOTE should be omitted or set to FALSE.

Action:

Change the entry to SENDDUMMYREMOTE=FALSE.

XD000106

Column *column_name* identified as dummy field in model.

Cannot be exported to a remote target.

Reason:

A field is defined in the table definition (DDL) with the attribute MODEL_DUMMY_FIELD. The target database type is not Oracle. Dummy fields may only be specified when the remote target database type is Oracle. Also, they are defined in CA InfoRefiner models and cannot be used with any other CA InfoTransport source. Processing ends.

Action:

Set SENDDUMMYREMOTE to the proper setting and rerun the CA InfoRefiner job.

XD001000

COMMUNICATION HAS BEEN DEALLOCATED. IN MODULE ON LINE #. ATTEMPT TO RETRY THE REQUEST.

The communication session between the workstation interface and the mainframe was deallocated for some unknown reason. Try reestablishing a connection to the mainframe.

Note: This message is specific to communications between the program workstation interface and MVS.

XD001001

COMMUNICATION NOT IN SEND MODE. IN MODULE ON LINE #. ATTEMPT TO RETRY THE REQUEST.

The communication session between the workstation interface and the mainframe is in an improper state for some unknown reason. Try reestablishing a connection to the mainframe.

Note: This message is specific to communications between the program workstation interface and MVS.

XD001002

AN ERROR OCCURRED IN MODULE ON LINE LINE #: MAINFRAME MESSAGE

An error in the mainframe component of the workstation interface. This message shows the line and the message from the mainframe component.

Note: This message is specific to communications between the program workstation interface and MVS.

XD001100

TOTAL OF NUMBER OF BYTES, PAGES, OR ROWS TRANSFERRED.

Reason:

This status message indicates the total number of bytes, pages, or rows (depending on the target database type) transferred to the target machine. The message displays at the end of the job for the specified target.

XD001101

USER SPECIFIED TARGET CODE PAGE number DOES NOT MATCH EXISTING number, MESSAGE.

Reason:

The target code page specified in the strategy does not correspond with the code page of the target network. If eh CONTINUEWHENTARGETCODEPAGESDIFFER parameter is not set to TRUE in the strategy, the program will terminate the target job.

Action:

If you want the transfer process to continue even when code pages do not match, specify TRUE for the CONTINUEWHENTARGETCODEPAGESDIFFER parameter.

XD001102

FAILED TO START EXECUTION OF SERVER PROGRAM: PROGRAM COMMAND LINE

Reason:

This message specifies that the EXITBEFORE or EXITAFTER program or SQL*Loader is unable to execute on the target machine.

Common reasons why the program failed to start include the following:

- Program or file used by the program is not found.
- Invalid command line specification was used.
- You do not have proper read, write, or execute permissions for the program, or the drive is locked.
- Drive, path, or directory does not exist.

Action:

Make sure the program can be executed manually on the target machine. Use fully qualified path names for the program or for the files that are used as command line arguments.

For example, to execute the MS/DOS copy command, you must specify complete path names for the command and the files used in its argument (such as c:\dos\copy d:\user\file1 d:\user\file2).

XD001103

EXECUTION OF EXITBEFOREPROGRAM program_command_line SUCCEEDED OR FAILED.

Reason:

This status message indicates whether the EXITBEFOREPROGRAM execution succeeded, or failed and cancelled the target job.

Action:

If you do not want the target job to terminate because the EXITBEFOREPROGRAM operation *fails*, specify TRUE for the CONTINUEWHENEXITBEFOREPROGRAMFAILS parameter in the strategy or eliminate this optional parameter from the strategy.

XD001104

EXECUTION OF EXITAFTERPROGRAM program_command_line SUCCEEDED OR FAILED.

Reason:

This status message indicates whether the EXITAFTERPROGRAM execution succeeded or failed.

Action:

If you do not want the target job to terminate when the EXITAFTERPROGRAM operation fails, specify TRUE for the CONTINUEWHENEXITAFTERPROGRAMFAILS parameter, or eliminate this optional parameter from the strategy.

XD001105

TARGET JOB WAS CANCELED BECAUSE INDEX DEFINITIONS DID NOT MATCH AND DROPWHENINDEXESDIFFER IS FALSE.

Reason:

The program has detected a difference between the DDL for the existing indexes in the target database and the DDL you provided for the indexes being installed. The program has cancelled the target job.

Action:

If you want transfer process to continue even when index definitions differ, specify TRUE for the DROPWHENINDEXESDIFFER parameter of the strategy. The program will drop the existing indexes and create new ones based on the DDL you have supplied.

XD001106

TARGET JOB WAS CANCELED BECAUSE TABLE DEFINITIONS DID NOT MATCH AND DROPWHENTABLESDIFFER IS FALSE.

Reason:

The program has detected a difference between the DDL for the existing table in the target database and the DDL you have provided for the table being installed. CA InfoTransport has cancelled the target job.

Action:

If you want the transfer process to continue even when table definitions differ, specify TRUE for the DROPWHENTABLESDIFFER parameter of the specified strategy. The program will drop the existing table and create a new one based on the DDL you have supplied.

XD001107

UNABLE TO OPEN I/O OPERATION FILE file_name BECAUSE REASON.

Reason:

The program is unable to access the input or output file on the target machine and has cancelled the target job.

Action:

Examine the specified reason to help correct this error.

XD001108

ERROR OCCURRED WHEN PARSING INI FILE: ERROR MESSAGE.

Reason:

The .ini file contains incorrect information, and consequently the target job has been cancelled.

Action:

To correct the .ini file, read the message and proceed accordingly. For more information, see the product documentation.

XD001109

ERROR OCCURRED WHEN PARSING FIL FILE: ERROR MESSAGE.

Reason:

The program has detected an error in the .fil file specification and has cancelled the target job.

XD001110

THE INPUT FILENAME COMMAND LINE ARGUMENT filename HAS AN EXTENSION. SPECIFY WITH PREFIX ONLY.

Reason:

The program is unable to process the command line arguments because the file name argument has an extension (for example, test.xxx). The job is terminated.

Only use the prefix (*test* in this example) in the file name command line argument. The program assigns the appropriate extension to the prefix.

XD001111**ERROR OCCURRED WHEN ATTEMPTING TO OPEN DATABASE BEFORE OR AFTER AN OPERATION.****Reason:**

The program has detected an error while attempting to open the database before or after a particular operation and has cancelled the target job.

Preceding messages associated with this message can help you determine the cause of the error.

XD001112**ERROR OCCURRED WHEN ATTEMPTING TO CLOSE THE DATABASE BEFORE OR AFTER TABLE UPDATE.****Reason:**

The program has encountered an error while attempting to close the database before or after it has been updated with the new table. The program has cancelled the target job.

Preceding messages associated with this message can help you determine the cause of the error.

XD001113**ERROR OCCURRED WHEN ATTEMPTING TO CREATE INDEXES FOR THE TABLE.****Reason:**

The program has encountered an error while attempting to create the table indexes and has cancelled the target job.

Preceding messages associated with this message can help you determine the cause of the error.

XD001114**ERROR OCCURRED WHEN ATTEMPTING TO BACKUP THE DATABASE BEFORE OR AFTER TABLE UPDATE.****Reason:**

The program has detected an error while attempting to back up the database before or after it has been updated with the new table data. The program has cancelled the target job.

Preceding messages associated with this message can help you determine the cause of the error.

XD001115

ERROR OCCURRED WHEN ATTEMPTING TO CREATE AND/OR DROP THE TABLE.

Reason:

The program cannot create or drop and create the target table and has cancelled the target job.

Preceding messages associated with this message can help you determine the cause of the error.

XD001116

ERROR OCCURRED WHEN ATTEMPTING TO VERIFY THAT THE TABLE QUALIFIER IS UNIQUE (BEFORE OR AFTER TABLE DROP/CREATE).

Reason:

The program has encountered an error while attempting to verify whether the table qualifier is unique for the specified table name. The error occurred before or after the program created or dropped and created the table. The program has cancelled the target job.

Preceding messages associated with this message can help you determine the cause of the error.

XD001117

ERROR OCCURRED VERIFYING UNIQUE TABLE QUALIFIER; TABLE NAME IS NOT UNIQUE.

Reason:

The program has detected that the qualifier name is not unique to the table name. This error was detected when the program attempted to install the table into the database. The program has cancelled the target job.

XD001118

NETWORK COMMUNICATIONS ERROR: THE MVS COMMUNICATIONS SESSION WAS UNEXPECTEDLY DEALLOCATED IN MODULE NAME.

Reason:

Indicates that the network connection to a specific target was disconnected.

Action:

If you receive this message, do the following:

- Verify your network connections.
- Check the status of the data on the target machine. If the job was not completed successfully, you might want to remove any data that was transferred and resubmit the job.

XD001119

THE DATABASE TYPE SPECIFIED IN THE STRATEGY IS INCORRECT FOR THIS SERVER PROGRAM.

Reason:

The program detected an incorrect target database type for the server component program you are using.

Action:

Correct the port number or TP name for the server component, and make sure the correct server component is being used when running the program manually with data sets.

XD001120

THE VERSION OF the program USED TO CREATE THE FILES INFOTRANSPORT MVS COMPONENT VERSION IS INCOMPATIBLE WITH THE VERSION OF the program INFOTRANSPORT SERVER COMPONENT VERSION YOU ARE RUNNING.

Reason:

The program has determined that the output data set that you are attempting to load in the target database was generated under a version of the mainframe component that is different from the server component version you are running on the target machine.

Action:

Run the server component version that correlates with the version used to generate the output data set on the mainframe.

XD001121

FAILED TO CREATE THE MESSAGE LOG FILE NAME BECAUSE REASON. PROBABLE CAUSE: INVALID ACCESS RIGHTS ON THE DIRECTORY (MUST HAVE WRITE ACCESS).

Reason:

The program was unable to create a message file on the target machine.

Action:

Check that you have write access to the checkpoint directory (by default checkpoint), located in the directory in which the server component is installed on the target machine.

XD001122

ERROR OCCURRED WHEN ATTEMPTING TO UPDATE STATISTICS ON THE TABLE.

Reason:

The program encountered an error as it attempted to update database statistics once the table data was loaded in the database.

Preceding messages associated with this message can help you determine the cause of this error.

XD001123

THE 'CHECKPOINTDIRECTORY' PARAMETER IS NOT SET IN THE INI FILE.

Reason:

The directory that holds the messages file is not defined in the .ini file on the target machine.

Action:

Rerun the setup program for the server component installation on the target machine. One step in this setup program is to identify the checkpoint directory (by default, checkpoint) for the server component you configuring. The .ini file is automatically updated with this name.

XD001124

PROGRAM VERSION INFOTRANSPORT VERSION.

This message provides the version of the server component installed on the target machine.

XD001125

WARNING: BAD ROW(S) LOG FILE FILENAME CREATED BY LOADER. CHECK THE LOADER'S OUTPUT FOR MESSAGES RELATED TO BAD DATA.

Reason:

The database load program generated a .bad file containing rows with errors.

Action:

Review the contents of this file. Also check the output produced by the database load program for additional messages to help you determine the error encountered.

XD001126

NO DATA ASSIGNED IN FILE RESTART.

Reason:

Indicates that there is no Restart information stored for this particular target network in the strategy.

XD001127

THE RESTART KEY IS THE INCORRECT LENGTH.

Reason:

The restart key that you indicated for the job restart has the wrong number of characters. The restart key should match the key indicated on the job that you are attempting to restart. The length should be 16 characters.

Action:

Restart the job, entering the restart key exactly as it appears in the MVS output for this job.

XD001128

RESTART KEY IS restart_key.

Reason:

This message lists the restart key that you entered for the job that you are resubmitting using the restart feature.

XD001129

ERROR WRITING DATA NAMED PIPE, pipe_name CHECK THE LOADER'S OUTPUT FOR MORE MESSAGES.

Reason:

An error occurred writing data to the named pipe. The probable cause of this message is that the load program failed.

Action:

Check the output produced by the database load program for additional messages to help you determine the error encountered.

XD001130

ERROR, THE LOADER PROGRAM DIED. CHECK THE LOADER'S OUTPUT FOR MORE MESSAGES.

Reason:

The database load program failed. The run to the target is terminated.

Action:

Check the output produced by the database load program for additional messages to help you determine the error encountered.

XD001131

ERROR OPENING THE NAMED PIPE, pipe_name.

Reason:

The database load program encountered an error attempting to open the named pipe. The probable cause of this message is that the load program did not start successfully.

Action:

Check the output produced by the database load program for additional messages to help you determine the error encountered.

XD001132

ERROR, TIMED OUT WAITING FOR CHILD PROCESS (LOADER PROGRAM) TO OPEN THE NAMED PIPE.

Reason:

The system timed out waiting for the database load program to open the named pipe. The run to the target is terminated.

The probable cause of this message is that the loader program did not start or that it encountered an error.

Action:

Check the loader program's log for messages.

XD001135

ERROR, NUMBER OF ROWS PROCESSED, %S, NOT EQUAL TO NUMBER OF ROWS IN SOURCE, %S

Reason:

Detected a mismatch in the number of rows processed from program count and the number of rows in input count (transmitted from the mainframe). Indicates that not all rows that should have been loaded were loaded and then sets the mainframe condition code to 16.

Action:

Check job output for other error messages to find why not all rows were loaded. Check database to see which rows were added.

XD001136

ERROR, LOAD COUNT, %S, AND INPUT COUNT %S ARE NOT EQUAL

Reason:

Indicates the number of rows processed (from load utility count) is not equal to the number of rows in input (transmitted from the mainframe). Indicates that not all rows that should have been loaded were loaded and sets Mainframe condition code to 16.

Action:

Check job output, particularly load utility log, for other messages to find why not all rows were loaded. Check database to see which rows were added.

XD002000

ERROR OCCURRED EXECUTING SQL OPERATION IN MODULE MODULE NAME, DB2 SQLCODE REFERENCE NUMBER.

Reason:

The program has detected an error while executing the specified SQL operation in the specified module and has cancelled the target job.

Action:

Look up the DB2 sqlcode reference number in the IBM *DB2X Messages and Problem Determination Guide* for information about how to resolve the problem.

XD002001

ERROR OCCURRED WHEN ATTEMPTING TO BIND PLAN FILE bine_filename TO DATABASE database_name, DB2 SQLCODE REFERENCE NUMBER.

Reason:

The program is unable to bind the specified bind file to the database and has cancelled the target job.

Action:

Check the DB2 sqlcode reference number in the IBM *DB2X Messages and Problem Determination Guide* for information about how to resolve the problem.

XD002002

FAILED TO CONNECT TO DB2 DATABASE database_name, ERROR MESSAGE, RETURN CODE NUMBER.

Reason:

The program is unable to connect to the specified database and has cancelled the target job.

Action:

If the error message is *SQL CONNECT TO Database FAILED*, look up the DB2 sqlcode reference number in the IBM *DB2X Messages and Problem Determination Guide* for information about how to resolve the problem.

Otherwise, check the following (OS/2 specific):

- Make sure the user ID and password, which are set up in the passwords data set on the mainframe, are valid for the target OS/2 machine.
- Make sure you can manually log into the machine through *User Profile Management Services*.

XD002003

ERROR OCCURRED WHEN ATTEMPTING TO GET SEGMENT INFORMATION FOR DATABASE database_name, DB2 SQLCODE REFERENCE NUMBER.

Reason:

The program is unable to get the segment information for the specified database and has cancelled the target job.

Action:

Look up the DB2 sqlcode reference number in the IBM *DB2X Messages and Problem Determination Guide* for information about how to resolve the problem.

XD002004

ERROR OCCURRED WHEN ATTEMPTING TO OPEN THE NODE DIRECTORY FOR DRIVE driver_name SCAN, DB2 SQLCODE REFERENCE NUMBER.

Reason:

The program is unable to open the node directory for the specified drive scan and has cancelled the target job.

Action:

Look up the DB2 sqlcode reference number in the IBM *DB2X Messages and Problem Determination Guide* for information about how to resolve the problem.

XD002005

ERROR OCCURRED WHEN ATTEMPTING TO GET THE NEXT DATABASE DIRECTORY ENTRY NUMBER FOR DRIVE drive_name SCAN, DB2 SQLCODE REFERENCE NUMBER.

Reason:

The program is unable to retrieve the database directory entry number for the specified drive scan and has cancelled the target job.

Action:

Look up the DB2 sqlcode reference number in the IBM *DB2X Messages and Problem Determination Guide* for information about how to resolve the problem.

XD002006

ERROR OCCURRED WHEN ATTEMPTING TO CLOSE THE NODE DIRECTORY FOR DRIVE drive_name SCAN, DB2 SQLCODE REFERENCE NUMBER.

Reason:

The program is unable to close the node directory for the specified drive scan and has cancelled the target job.

Action:

Look up the DB2 sqlcode reference number in the IBM *DB2X Messages and Problem Determination Guide* for information about how to resolve the problem.

XD002007

FAILED TO FIND THE DRIVE WHERE THE DATABASE <DATABASE NAME> TABLES ARE LOCATED.

Reason:

The program has failed to find the drive where the specified database tables are located and has cancelled the target job.

Action:

Check the following:

- Make sure the database exists and is correctly defined in the strategy.
- Make sure you can manually access the database.

XD002008

FAILED TO FIND THE DIRECTORY ON DRIVE drive_name WHERE THE DATABASE database_name TABLES ARE LOCATED.

Reason:

The program has failed to find the directory on the drive where the specified database tables are located and has cancelled the target job.

Action:

Check the following:

- Make sure the database exists and is correctly defined in the strategy.
- Make sure you can manually access the database.

XD002009

ERROR OCCURRED WHEN ATTEMPTING TO GET CODE PAGE INFORMATION FOR DATABASE database_name, DB2 SQLCODE REFERENCE NUMBER.

Reason:

The program is unable to retrieve the code page information for the specified database and has cancelled the target job.

Action:

Look up the DB2 sqlcode reference number in the IBM *DB2X Messages and Problem Determination Guide* for information about how to resolve the problem.

XD002010

ERROR OCCURRED WHEN ATTEMPTING TO BACKUP DATABASE database_name ON DEVICE device_name, DB2 SQLCODE REFERENCE NUMBER.

Reason:

The program is unable to back up the database on the specified device and has cancelled the target job. (Note that if the backup for the BACKUPAFTER parameter is the operation that failed, your table might have installed successfully anyway.)

Action:

Look up the DB2 sqlcode reference number in the IBM *DB2X Messages and Problem Determination Guide* for an explanation of the error and actions to take to help resolve the problem.

XD002011

ERROR OCCURRED WHEN ATTEMPTING TO FORCE ALL USERS AND APPLICATIONS OFF OF THE DATABASE MANAGER, DB2 SQLCODE REFERENCE NUMBER.

Reason:

The program is unable to disconnect all the users and applications from the database manager and has cancelled the target job.

Action:

Look up the DB2 sqlcode reference number in the IBM *DB2X Messages and Problem Determination Guide* for information about how to resolve the problem.

XD002012

ERROR OCCURRED WHEN ATTEMPTING TO STOP THE DATABASE MANAGER, DB2 SQLCODE REFERENCE NUMBER.

Reason:

The program is unable to shut down the database manager and has cancelled the target job.

Action:

Look up the DB2 sqlcode reference number in the IBM *DB2X Messages and Problem Determination Guide* for information about how to resolve the problem.

XD002013

FAILED TO GET LOCK ON SEMAPHORE.

Reason:

The program is unable to establish a lock on the database because another job has already set a lock on it.

Action:

Make sure that:

- Multiple CA InfoTransport jobs that access the same database are not running simultaneously.
- Multiple strategies within a single job do not access the same database at the same time.

XD002014

CANNOT LOAD DATA INTO A VIEW OR ALIAS.

Reason:

The program is unable to load data into a view or alias. The run to this target has been cancelled.

Action:

Specify the name of a table (not a view or alias), and retry the run to this target.

XD002015**CANNOT LOAD DATA INTO A DMS TABLESPACE.****Reason:**

The program is unable to load data into a DMS tablespace. The run to this target is cancelled.

Action:

Specify a non-DMS tablespace name, and retry the run to this target.

XD002016**INCOMPATIBLE DBMS RELEASE LEVEL.****Reason:**

The version of the target database is incompatible with this release of the product.

XD002017**THE ENDIAN SPECIFIED IS INCOMPATIBLE WITH THIS TARGET MACHINE.****Reason:**

The value you specified for the ENDIAN parameter in the strategy is not valid for the target machine. The run to this target has been cancelled.

Action:

Change the value to BIG (if the current designation is LITTLE) or LITTLE (if the current designation is BIG) and retry the run to this target.

XD002018

INCOMPATIBLE COLLATING SEQUENCE. YOU MUST USE THE IDENTITY COLLATING SEQUENCE.

Reason:

The collating sequence you specified when you created the database is not compatible with the indexes created by CA InfoTransport. The run to this target has been cancelled.

Action:

Recreate the database using the IDENTITY collating sequence and retry the run to this target.

Note: If you plan to use indexes and are not using the DB2 load functions for loading a table into the database, your database must be created using the IDENTITY collating sequence.

XD002019

ERROR OCCURRED WHEN ATTEMPTING TO START THE DATABASE MANAGER. DB2 SQLCODE REFERENCE NUMBER.

Reason:

The program is unable to start the database manager and has cancelled the target job.

Action:

For information about how to resolve the problem, look up the DB2 sqlcode reference number in the IBM *DB2X Messages and Problem Determination Guide*.

XD002020

ERROR OCCURRED DURING THE DB2 LOAD. SEE THE LOG FOR DETAILS.

Action:

Check the output produced by the database load program for additional messages to help you resolve the error encountered.

XD002023

INFO TRANSPORT DB2 TARGET SEVERITY: WARNING %S ROWS DELETED AFTER LOAD.

Reason:

The load utility removed rows that had been added to the database. Usually rows are removed due to violation of a uniqueness constraint or a referential constraint. The program sets the mainframe condition code to 4.

Action:

Review the utility log for additional messages. Review records deleted to determine if they should be added or updated.

XD002024

SEVERITY: ERROR %S PHASE OF SQL*LOAD DID NOT COMPLETE SUCCESSFULLY.

Reason:

A portion of the SQL*Load utility (LOAD, BUILD, or DELETE) appears to not have completed. The utility log is checked for messages indicating the phase was done. In this case, a begin was found but not an end. The program sets the mainframe condition code to 16.

Action:

Review the job output for other messages that indicate why the utility did not complete.

XD002025

ERROR, NUMBER OF ROWS COMMITTED, %s, NOT EQUAL TO TOTAL INPUT ROWS, %s.

Reason:

The program detected a mismatch in the counts between the number of rows committed and the input rows. Indicates that no all rows may be in the database. The program sets the mainframe condition code to 16.

Reason:

Review the job output for other messages that indicated why a commit failed.

XD002026

WARNING, AN ERROR OCCURRED DURING THE SQL*LOAD PROCESSING. CHECK SQL*LOAD LOG.

Reason:

An error occurred reading the utility's log file, or a message indicating an error was found in the log.

Action:

Check the SQL*Load log file. Take action as indicated by those messages.

XD003000

OPERATION, ORACLE MESSAGE REFERENCE NUMBER, MESSAGE.

Reason:

The program has detected an error after executing the specified operation and has cancelled the target job.

Action:

Look up the ORACLE reference number in the *ORACLE Messages and Codes Manual* for information about how to resolve the problem.

XD003001

FAILED TO CONNECT TO DATABASE SERVER userid@server_name, ORACLE MESSAGE REFERENCE NUMBER, MESSAGE.

Reason:

The program is unable to connect to the specified database server and has cancelled the target job.

Action:

Check the following:

- Make sure that the passwords data set and the strategy specify the valid name for the database server you want to connect to.
- Make sure the user ID and password are correct in the passwords data set.
- Make sure the database name is correct in the strategy.
- Make sure you can manually log into the database server.

Action:

Look up the ORACLE reference number in the *ORACLE Messages and Codes Manual* for information about how to resolve the problem.

XD003002

ERROR OCCURRED WHEN ATTEMPTING TO CREATE THE CONTROL FILE FOR SQL*LOADER.

Reason:

The program is unable to create the control file for the ORACLE SQL*Loader program and has cancelled the target job.

Preceding messages associated with this message can help you determine the cause of the error.

XD003003

EXECUTION OF SQL*LOADER PROGRAM FAILED, EXIT CODE `execution_exit_status`, DATA WAS NOT LOADED.

Reason:

The program is unable to load the data because the ORACLE SQL*Loader program failed to execute. The target job is cancelled.

Common reasons why the SQL*Loader program cannot start include the following:

- The SQL*Loader program is not in the execution path or on the target machine.
- Environment variables executing the program are not correctly set in the `itora.sh` file. See the product documentation for information about this file.

Action:

Make sure the SQL*Loader program exists on the target machine and can be manually accessed from the command line.

Preceding messages associated with this message can help you determine the cause of the error.

XD003004

ERROR OCCURRED WHEN ATTEMPTING TO GET EXISTING TABLE TABLESPACE FILE NAMES.

Reason:

The program is unable to retrieve the tablespace file names of the table and has cancelled the target job.

Preceding messages associated with this message can help you determine the cause of the error.

XD003005

ERROR OCCURRED WHEN ATTEMPTING TO GET EXISTING INDEX TABLESPACE FILE NAMES.

Reason:

The program is unable to retrieve the tablespace file names of the existing indexes and has cancelled the target job.

Preceding messages associated with this message can help you determine the cause of the error.

XD003006**ERROR OCCURRED WHEN ATTEMPTING TO BACK UP DATABASE TABLESPACE:
REASON.****Reason:**

The program is unable to back up the database tablespace for the specified reason and has cancelled the target job.

There may be preceding messages associated with this message that can help determine what caused the error.

XD003007**ERROR OCCURRED IN SQL*LOADER PROGRAM. SEE THE SQL*LOADER LOG.****Reason:**

The SQL*Loader program encountered an error during execution.

Action:

See the *remote_file_name.log* file for additional information about the SQL*Loader failure.

XD003013**WARNING, NOT ALL ROWS LOADED %s %s.****Reason:**

Count of rows not loaded due to:

- Failed to match criteria.
- Data errors.
- All columns are NULL.
- All columns are NULL.

As a result, rows were discarded by the sqlldr utility and the mainframe condition code is set to 4.

Action:

Review the rows not loaded. They should be in the remotefile.bad or remotefile.dsc files in the working directory on the remote machine.

XD003014

ERROR, %s %s OF INDEXES ARE UNUSABLE.

Reason:

A count of bad non-partitioned, partitioned, or sub-partitioned indexes is found. After loading, an index is still not usable. Often this occurs because rows violate the uniqueness constraint of the index. An error while attempting to rebuild the index can also make the index unusable. CA InfoTransport sets the mainframe condition code to 16.

Action:

Review the job output for other messages concerning indexes. See the Oracle documentation for directions on how to make the index usable

XD004000

OPERATING SYSTEM ERROR REFERENCE NUMBER, ERROR MESSAGE.

Reason:

The program has detected an operating system error and has cancelled the target job.

Action:

See the SQL Server *System Administration Guide* for information about how to resolve the problem.

XD004001

DB-LIBRARY DATA CONVERSION ERROR REFERENCE NUMBER, OCCURRED IN ROW NUMBER, ERROR MESSAGE.

Reason:

The program detected an error when trying to convert data in the specified row. CA InfoTransport continues the conversion until the maximum number of conversion errors (specified by NUMBER OF ERRORS parameter) is reached or the job is terminated.

Action:

See the SQL Server *System Administration Guide* for additional information to help resolve the problem.

Also review the *.bad* file to determine which rows contain the errors. This file is located in the directory where the CA InfoTransport programs are installed.

XD004002

DB-LIBRARY ERROR REFERENCE NUMBER, SEVERITY NUMBER, ERROR MESSAGE.

Reason:

The program has detected a DB-Library error of the specified severity level and has cancelled the target job.

Action:

See the SQL Server *System Administration Guide* for information about how to resolve the problem.

XD004003

SQL SERVER ERROR REFERENCE NUMBER, SEVERITY NUMBER, ERROR MESSAGE.

Reason:

The program has detected an SQL Server error of the specified severity level and has cancelled the target job.

Action:

See the SQL Server *System Administration Guide* for information about how to resolve the problem.

XD004004

ERROR OCCURRED REFERENCE NUMBER SQL OPERATION, IN MODULE module_name.

Reason:

The program has detected an error after executing the specified operation in the module indicated and has cancelled the target job.

Preceding messages associated with this message can help you determine the cause of the error.

XD004005

FAILED TO CONNECT TO DATABASE SERVER server_name FOR USERID userid.

Reason:

The program is unable to connect to the database server for the specified user ID and has cancelled the target job.

Action:

Check the following:

- Make sure that the passwords data set and the strategy specify the valid server name for the database server that you are attempting to log on to.
- Make sure the user ID and password are correct in the passwords data set.
- Make sure you can manually log into the database server.

Preceding messages associated with this message can help you determine the cause of the error.

XD004006

ERROR OCCURRED WHEN ATTEMPTING TO OPEN DATABASE database_name IN MODULE module_name.

Reason:

The program has detected an error while attempting to open the database in the specified CA InfoTransport module and has cancelled the target job.

Preceding messages associated with this message can help you determine the cause of the error.

XD004007

ERROR OCCURRED WHEN ATTEMPTING TO INITIALIZE THE DB-LIBRARY.

Reason:

The program is unable to initialize the DB-Library and has cancelled the target job.

Action:

Make sure SQL Server is up and running. For more information, see the SQL Server reference materials.

XD004008

ERROR OCCURRED WHEN ATTEMPTING TO START BULK COPY (BCP_INIT). VERIFY THE "SELECT INTO/BULKCOPY" DB_OPTION IS SET FOR THE DATABASE.

Reason:

The program is unable to load the data because the bulk copy operation has failed to initialize. The target job is cancelled.

Action:

If the KEEPBULKCOPYDBOPTION strategy parameter is set to TRUE, make sure that you manually enable the *select into/bulkcopy* option for the database before you run the job. If the KEEPBULKCOPYDBOPTION is set to FALSE, make sure that the user ID in the CA InfoTransport passwords data set (*userid.pwd*) has an SA role.

Preceding messages associated with this message can help you determine the cause of the error.

XD004009

ERROR OCCURRED WHEN ATTEMPTING TO ENABLE BULK COPY OPERATIONS (BCP_SETL).

Reason:

The program is unable to load the data because the bulk copy operation has failed to start. The target job is cancelled.

Preceding messages associated with this message can help you determine the cause of the error.

XD004010

ERROR OCCURRED WHEN ATTEMPTING TO BIND VARIABLES FOR BULK COPY.

Reason:

The program is unable to load the data because the bulk copy variables have failed to bind. The target job is cancelled.

Preceding messages associated with this message can help you determine the cause of the error.

XD004011

ERROR OCCURRED WHEN INITIALIZING BULK COPY ROUTINES.

Reason:

The program is unable to load the data because an error was encountered when initializing the bulk copy routines. The target job is cancelled.

Preceding messages associated with this message can help you determine the cause of the error.

XD004012

ERROR OCCURRED WHEN SETTING COLUMN NUMBER LENGTH TO NUMBER IN ROW NUMBER FOR BULK COPY.

Reason:

The program is unable to set the specified column to the required length in the specified row during the bulk copy operation. The target job is cancelled.

Preceding messages associated with this message can help you determine the cause of the error.

XD004013

ERROR OCCURRED WHEN SENDING ROW NUMBER TO SQL SERVER DURING BULK COPY.

Reason:

The program is unable to transfer the specified row to SQL Server during bulk copy and has cancelled the target job.

Preceding messages associated with this message can help you determine the cause of the error.

XD004014

ERROR OCCURRED WHEN ATTEMPTING TO COMMIT (BATCH) CHANGES AFTER ROW NUMBER, NUMBER ROWS SAVED SINCE LAST COMMIT.

Reason:

The program is unable to commit batch changes after the specified row and has cancelled the target job.

Preceding messages associated with this message can help you determine the cause of the error.

XD004015

ERROR OCCURRED WHEN ATTEMPTING TO TERMINATE BULK COPY, NUMBER ROWS SAVED SINCE LAST COMMIT (BATCH).

Reason:

The program is unsuccessful terminating the bulk copy operation and has cancelled the target job.

Preceding messages associated with this message can help you determine the cause of the error.

XD004016

MAXIMUM NUMBER OF CONVERSION ERRORS REACHED; ALL FUTURE ROWS WILL BE DROPPED.

Reason:

The program has reached the maximum number of conversion errors (100) and has terminated the job.

Action:

To correct this error, review in the .bad file for rows that might contain data invalid for the target table. If you find invalid data, correct it in the input data, and re-run the job.

XD004017

ERROR OCCURRED WHEN ATTEMPTING TO RE-CREATE TRIGGERS FOR DATABASE.

Reason:

The program is unable to re-create the triggers for the database and has cancelled the target job.

Preceding messages associated with this message can help you determine the cause of the error.

XD004018

ERROR OCCURRED WHEN ATTEMPTING TO CALL DBSETVERSION() FOR THE DB-LIBRARY.

Reason:

The program is unable to call dbsetversion() for the DB-Library and has cancelled the target job.

Preceding messages associated with this message can help you determine the cause of the error.

XD004019

**ERROR OCCURRED ATTEMPTING TO GET THE UID FOR THE QUALIFIER, USER
qualifier_name DOES NOT EXIST IN THE DATABASE database_name.**

Reason:

The program is unable to get the UID for the qualifier you specified because the qualifier name does not exist in the indicated database. The run to this target has been cancelled.

Action:

Verify the database and qualifier names and retry the run to this target.

XD004020

**ERROR OCCURRED ATTEMPTING TO GET THE SUID FOR THE QUALIFIER, ACCOUNT
qualifier_name DOES NOT EXIST IN SYSLOGINS.**

Reason:

The program is unable to get the SUID for the qualifier you specified because the qualifier name does not exist in syslogins. The run to this target has been cancelled.

Action:

Verify the qualifier name, and retry the run to this target.

XD004021

**USER SPECIFIED TARGET CODE PAGE code_page_number DOES NOT MATCH AN
AVAILABLE CHARACTER SET, MESSAGE.**

Reason:

The program has detected a target code page specification that does not match an available character set for this target. The run to this target has been cancelled.

Action:

Specify a supported code page for the TARGETCODEPAGE parameter, and retry the run to this target.

XD004022

CHARACTERSET CONVERSION ERROR NUMBER, OCCURRED IN ROW NUMBER, MESSAGE.

Reason:

The program is unable to convert the source character set to the target character set and has cancelled the run to this target. The reason for the conversion error is listed at the end of the error message.

XD004023

TOTAL OF NUMBER ROWS LOADED.

Reason:

This status message indicates the total number of rows actually loaded into the target database on the target machine.

XD004024

TOTAL OF NUMBER ROWS DROPPED.

Reason:

This status message indicates the total number of rows that did not load into the target database. These rows might have invalid data or values out of range.

XD004025

SERVER MESSAGE REFERENCE NUMBER, SEVERITY NUMBER, MESSAGE.

Reason:

The program has detected a server error of the specified severity level and has cancelled the target job.

Action:

See the SQL Server *System Administration Guide* for information about how to resolve the problem.

XD004026

CHECKPOINTGRANULARITY amount DOES NOT MATCH RECORDSPERBATCH amount. USING AMOUNT FOR THESE PARAMETERS.

Reason:

The CHECKPOINTGRANLARITY value and the RECORDSPERBATCH value do not match. Therefore, the program will use the smaller of the two values specified.

Note that this is a warning message only, and that the processing continues.

XD004027

WARNING: ATTEMPTING TO CONTINUE WITHOUT A SPECIFIED CHARSET, DEFAULTING TO THE INSTALLED CHARSET FOR THE PLATFORM.

Reason:

This warning message indicates that the supplied destination character set has not been found on the target database, or that you have not specified the External Code Page name in the strategy. CA InfoTransport connects to the database using the charset currently defined in the database server.

Action:

To eliminate this message, specify the External Code Page name on the General Parameters window.

XD004042

INFO: BCP error file is &filename

Reason:

This message shows the name of the BCP error file created when loading a SQL Server table.

XD004101

SQL ODBC Diagnostic Information from &program_function_name

Reason:

This is an information only message used as a header for ODBC/SQL error info. The messages that follow relate to a benign situation: the request completed but returned additional information.

Note: Information only SQL messages are shown only if debug is on.

XD004102

SQL returned an error: &Program_function_name &Return_code

Reason:

Explanations for the SQL State code and ODBC Native error can be found in the appropriate MS SQL Server references. Additional information related to the error will be found in the following messages.

XD004103

ODBC Message record number &number SQL State &SQL_state_code ODBC Native Error &ODBC_native_error

Reason:

Explanations for the SQL State code and ODBC Native error can be found in the appropriate MS SQL Server references.

XD004104

ODBC error message &message_number, &text

Reason:

This is a continuation of XD004103.

XD004105

Row &num_of_row_in_error Line &program_line_number Severity &sev_level State &ODBC_state

This is a continuation of XD004103.

XD004106

Procedure name &stored_proc_name Server name &server_name

Reason:

This message appears if the error occurred while executing a stored procedure.

XD004107

End of SQL diagnostics

Reason:

Informational message delimiting the end of the diagnostic data for an error paired with XD004101 or XD004102 message.

XD004110

SQL Statement &text_of_sql_command

Reason:

Shows the SQL command that resulted in the other error messages (XD004101 thru XD004107). This is shown as part of the SQL error message diagnostics.

XD005000

OPERATION, INFORMIX SQLCODE REFERENCE NUMBER, MESSAGE.

Reason:

The program has detected an error after executing the specified operation and has cancelled the target job.

Action:

Look up the INFORMIX reference number in the *Informix Error Messages* manual for information about how to resolve the problem.

XD005001

FAILED TO CONNECT TO DATABASE SERVER server_name ON DATABASE database_name, INFORMIX SQLCODE REFERENCE NUMBER, MESSAGE.

Reason:

The program is unable to connect to the specified database server and has cancelled the target job.

Reason:

Check the following:

- Make sure that the passwords data set and the strategy specify the valid name for the database server you want to connect to.
- Make sure the user ID and password are correct in the passwords data set.
- Make sure the database name is correct in the strategy.
- Make sure you can manually log into the database server.

Action:

Look up the INFORMIX reference number in the *Informix Error Messages* manual for information about how to resolve the problem.

XD005002

ERROR OCCURRED WHEN ATTEMPTING TO DROP EXISTING INDEX `index_name`.

Reason:

The program is unable to drop the indicated index and has cancelled the run to this target.

Action:

Make sure that the index exists and that the table can be modified by the particular user ID.

XD005003

ERROR OCCURRED WHEN ATTEMPTING TO CREATE INDEX WITH DDL OF `index_ddl`.

Reason:

The program is unable to create an index using the indicated DDL and has cancelled the run to this target.

Action:

Verify that your source DDL is correct and that the particular user ID can modify the table.

XD005004

ERROR OCCURRED WHEN ATTEMPTING TO RELEASE CONNECTION TO DATABASE.

Reason:

The program is unable to release the connection to the database and has cancelled the run to this target.

Preceding messages associated with this message can help you determine the cause of the error.

XD005005

ERROR OCCURRED IN DBLOAD PROGRAM. SEE THE DBLOAD LOG.

Reason:

The dbload program encountered an error during execution.

Action:

See the *remote file name.log* file for additional information about the dbload failure.

XD005006

EXECUTION OF DBLOAD PROGRAM FAILED, EXIT CODE `return_status`, DATA WAS NOT LOADED.

Reason:

The program is unable to load the data because the INFORMIX dbload program failed to execute. The target job is cancelled.

Common reasons why the dbload program cannot start include the following:

- The dbload program is not in the execution path or on the target machine.
- Environment variables executing the program are not correctly set in the *itinf.sh* file. See the product documentation for information about this file.

Action:

Make sure the dbload program exists on the target machine and can be manually accessed from the command line.

Preceding messages associated with this message can help you determine the cause of the error.

XD005007

ERROR OCCURRED WHEN ATTEMPTING TO CREATE THE CONTROL FILE FOR DBLOAD.

Reason:

The program is unable to create the control file for dbload and has cancelled the run to this target.

Preceding messages associated with this message can help you determine the cause of the error.

XD005008

FAILED TO DISCONNECT, INFORMIX SQLCODE NUMBER, MESSAGE.

Reason:

The program is unable to disconnect from INFORMIX.

Action:

Check the INFORMIX reference number in the *Informix Error Messages* manual for information about how to resolve the problem.

XD006000**OPERATING SYSTEM ERROR REFERENCE NUMBER, ERROR MESSAGE****Reason:**

CA InfoTransport has detected an operating system error and has cancelled the target job.

Action:

See the Red Brick Warehouse administrator's guide for information about how to resolve the problem.

XD006001**DB-LIBRARY DATA CONVERSION ERROR REFERENCE NUMBER, OCCURRED IN ROW NUMBER, ERROR MESSAGE****Reason:**

The program detected an error when trying to convert data in the specified row. CA InfoTransport continues the conversion until the maximum number of conversion errors (100) is reached or the job is terminated.

Action:

See the Red Brick Warehouse administrator's guide for additional information to help resolve the problem.

Also review the *.bad* file to determine which rows contain the errors. This file is located in the directory where the CA InfoTransport programs are installed.

XD006002**DB-LIBRARY ERROR REFERENCE NUMBER, SEVERITY NUMBER, ERROR MESSAGE.****Reason:**

The program has detected a DB-Library error of the specified severity level and has cancelled the target job.

Action:

See the Red Brick Warehouse administrator's guide for information about how to resolve the problem.

XD006003

RED BRICK WAREHOUSE ERROR REFERENCE NUMBER, SEVERITY NUMBER, ERROR MESSAGE.

Reason:

The program has detected a Red Brick Warehouse error of the specified severity level and has cancelled the target job.

Action:

See the Red Brick Warehouse administrator's guide for information about how to resolve the problem.

XD006004

ERROR OCCURRED REFERENCE NUMBER SQL OPERATION IN MODULE MODULE NAME.

Reason:

The program has detected an error after executing the specified operation in the CA InfoTransport module indicated and has cancelled the target job.

Preceding messages associated with this message can help you determine the cause of the error.

XD006005

FAILED TO CONNECT TO DATABASE SERVER server_name FOR USERID userid.

Reason:

The program is unable to connect to the database server for the specified user ID and has cancelled the target job.

Action:

Check the following:

- Make sure that the passwords data set and the strategy specify the valid server name for the database server that you are attempting to log on to.
- Make sure the user ID and password are correct in the passwords data set.
- Make sure the database name is correct in the strategy.
- Make sure you can manually log into the database server.

Preceding messages associated with this message can help you determine the cause of the error.

XD006006

ERROR OCCURRED WHEN ATTEMPTING TO OPEN DATABASE database_name IN MODULE module_name.

Reason:

The program has detected an error while attempting to open the database in the specified module and has cancelled the target job.

Preceding messages associated with this message can help you determine the cause of the error.

XD006007

ERROR OCCURRED WHEN ATTEMPTING TO INITIALIZE THE DB-LIBRARY.

Reason:

The program is unable to initialize the DB-Library and has cancelled the target job.

Action:

Make sure Red Brick is up and running. For more information, see the Red Brick Warehouse reference materials.

XD006008

ERROR OCCURRED IN TABLE MANAGEMENT UTILITY. SEE THE LOG FOR DETAILS.

Reason:

The Table Management Utility encountered an error while loading data in the database.

Action:

See the TMU log for more information about the nature of this error.

XD006009

EXECUTION OF TMU PROGRAM FAILED, EXIT CODE EXIT CODE, DATA WAS NOT LOADED.

Reason:

The Table Management Utility failed to load data in the target database.

Action:

Check the TMU log for error messages.

XD006010

ERROR OCCURRED WHEN ATTEMPTING TO CREATE THE CONTROL FILE FOR TMU.

Reason:

An error occurred while CA InfoTransport was attempting to create the control file on disk.

Action:

The control file location is the same as that specified in the remote filename strategy parameter. Check this directory and the CA InfoTransport directory to verify that you have read and write authority.

XD006011

ERROR OCCURRED WHEN ATTEMPTING TO BACKUP THE DATABASE DATABASE NAME.

Reason:

The program encountered an error in attempting to back up the database.

Action:

Check the previous error messages for the specific error. Verify that the backup device specified in the strategy is valid for both the database and platform.

XD006012

RED BRICK SERVER MESSAGE REFERENCE NUMBER, SEVERITY NUMBER, MESSAGE.

Reason:

The program has detected a Red Brick error of the specified severity level and has cancelled the target job.

Action:

See the Red Brick Warehouse administrator's guide for information about how to resolve the problem.

XG Messages

Messages with the XG prefixes are generated from CA InfoTransport.

XG000000 to XG000932

Occurs under any communication protocol used by CA InfoTransport.

XG001300 to XG001603

Relates to the APPC communication protocol.

XG003000 to XG003310

Relates to the TCP/IP communication protocol.

XG004300 to XG004327

Relates to the CPIC communication protocol.

XG000000

program_status, information, or debug_message

Reason:

This message is used to print status and debugging information from the program.

XG000001

NAME OR MESSAGE=variable_value

Reason:

This informal message is used to print the value associated with a program variable.

XG000002

UNABLE TO ALLOCATE MEMORY FOR program_variable_name BECAUSE REASON.

Reason:

An error has occurred while trying to allocate memory for the specified program variable.

Action:

See the operating system's reference guide for information about how to resolve the problem.

XG000003

UNABLE TO WRITE FILE filename BECAUSE REASON.

Reason:

An error has occurred while attempting to write to the specified file.

Action:

First, make sure you have write access to the file. Then, see the operating system's reference guide for information about how to resolve the problem.

XG000004

UNABLE TO READ FILE filename BECAUSE REASON.

Reason:

An error has occurred while attempting to read from the specified file.

Action:

First, make sure you have read access for the file. Then, see the operating system's reference guide for information about how to resolve the problem.

XG000005

UNABLE TO LOAD MODULE MODULE NAME.

Reason:

An error has occurred while attempting to dynamically load the specified module.

Action:

Contact Technical Support with the following information:

- System platform
- Operating system version
- Specified module

XG000006

UNABLE TO PERFORM SEEK OPERATION ON filename BECAUSE REASON.

Reason:

An error has occurred while attempting to perform the SEEK operation on the specified file.

Action:

See the operating system's reference guide for information about how to resolve the problem.

XG000007

UNABLE TO PERFORM TELL OPERATION ON filename BECAUSE REASON.

Reason:

An error has occurred while attempting to perform the TELL operation on the specified file.

Action:

See the operating system's reference guide for information about how to resolve the problem.

XG000008

UNABLE TO OPEN FILE filename BECAUSE REASON.

Reason:

An error has occurred while attempting to open the specified file.

Action:

Make sure that the specified file exists and that you have the authority to open the file. If the file is new, make sure that you have the authority to create the file in a fully qualified directory path.

See the operating system's reference guide for information to help you resolve the problem.

XG000009

UNABLE TO ALLOCATE MEMORY FOR NUMBER BYTES BECAUSE REASON.

Reason:

An error has occurred while attempting to allocate memory for the specified number of bytes.

Action:

See the operating system's reference guide for information to help you resolve the problem.

XG000013

CAN'T FIND PLUNAME, MACHINENAME, OR IPADDRESS FIELD. ENTRY NBR: number.

Reason:

An error was found in the passwords data set (*userid.pwd*). The entry number indicates which entry in the file is incorrect.

A PLUNAME (partner LU name) must be specified when APPC or OPENPLEX is used as the communications protocol.

A MACHINENAME or IPADDRESS must be specified when TCP/IP is used as the communication protocol.

Action:

Correct the entry in the *userid.pwd* file and re-run the application.

XG000014

CAN'T FIND TPNAME FIELD.

ENTRY NBR: number.

Reason:

An error was found in the passwords data set (*userid.pwd*). The entry number indicates which entry in the file is incorrect.

A TPNAME (transaction program name) must be provided for each entry that indicates APPC or OpenPlex as the communications protocol. The TPNAME value identifies the server component to be executed on the target machine.

Action:

Correct the entry in the *userid.pwd* file by specifying a TPNAME.

XG000015

CAN'T FIND USERID FIELD.

ENTRY NBR: number.

Reason:

An error was found in the passwords data set (*userid.pwd*). The entry number indicates which entry in the file is incorrect.

A USERID value must be specified for each entry. This value will be used to log on to the remote site.

Action:

Correct the entry in the *userid.pwd* file by specifying a USERID.

XG000016

CANNOT DECRYPT ENTRY.

ENTRY NBR: number.

Reason:

An error was found in the passwords data set (*userid.pwd*). The entry number indicates which entry in the file is incorrect.

The PASSKEY value for the entry could not be decrypted (the value might have been unintentionally corrupted).

Action:

Re-encrypt the PASSKEY, and then re-run the application.

XG000018

CANNOT FIND PASSKEY OR PASSWORD FIELD FOR ENTRY.

ENTRY NBR: *number*.

Reason:

An error was found in the passwords data set (*userid.pwd*). The entry number indicates which entry in the file is incorrect.

A PASSKEY or PASSWORD must be specified for each entry. The PASSWORD value specifies the password that will be used to log on to the remote site. The PASSKEY value specifies an encrypted password that will be used to log on to the remote site.

Action:

Correct the entry in the *userid.pwd* file. You can encrypt the PASSWORD value into a PASSKEY value.

XG000019

WARNING: THE USER ID/PASSWORD WAS NOT ENCRYPTED.

ENTRY NBR: *number*.

Reason:

The USERID and PASSWORD values in the passwords data set (*userid.pwd*) were not encrypted. This is a warning message only. The application will continue to execute.

Action:

You can encrypt the USERID and PASSWORD values into a PASSKEY value.

XG000020

USERID FIELD DOES NOT MATCH THE ENCRYPTED USERID.

ENTRY NBR: *number*.

Reason:

An error was found in the passwords data set (*userid.pwd*). The entry number indicates which entry in the file is incorrect.

The USERID value does not match the encrypted user ID in the PASSKEY.

The USERID value for the entry was probably changed after the PASSKEY was encrypted, or the PASSKEY value might have been unintentionally corrupted.

Action:

Correct the entry in the *userid.pwd* file by specifying the correct USERID and PASSWORD value and encrypting a new PASSKEY.

XG000021

NO ENTRY FOR REMOTE plu_name, machine_name, ip_address tpname FOUND IN userid.pwd.

Reason:

An error was found in the passwords data set (*userid.pwd*) because the remote PLU, Machine, or IP Address was not specified.

Action:

Correct the *userid.pwd* file by specifying a (REMOTE) section for the requested remote PLU, Machine, or TP Name.

XG000022

COMMUNICATION VERSION MISMATCH. LOCAL VERSION: *version.release*. REMOTE VERSION: *version.release*.

Reason:

An error occurred when the local application attempted to communicate with the remote application. The communication versions for the local and remote applications do not match.

Action:

Make sure that the correct environment and libraries are used by the local application and the remote transaction program.

XG000023

COMMUNICATION APPLICATION MISMATCH. LOCAL APP: appname. REMOTE APP: appname.

Reason:

An error occurred when the local application attempted to communicate with a remote application. The application names do not match.

Action:

Make sure the correct parameters (such as TPNAME, PLUNAME, MACHINENAME, IPADDRESS, and PORT NUMBER) have been specified for the applications.

XG000300

UNABLE TO READ OR OBTAIN PASSWORD. CAN'T FIND /ETC/PASSWD ENTRY FOR USER.

Reason:

If the value is *OBTAIN*, an error has occurred while attempting to access the user ID or password system information.

If the value is *READ*, an error has occurred while attempting to read the passwords data set (*userid.pwd*).

Action:

Make sure that the *userid.pwd* file is in a directory specified in the DPATH environment variable.

XG000301

UNABLE TO ALLOCATE MEMORY USING dosallocsharedmem/dosallocseg> FOR NUMBER BYTES BECAUSE REASON.

Reason:

An error has occurred while attempting to allocate memory using the *DosAllocSharedMem/DosAllocSeg* function for the specified number of bytes.

Action:

See the operating system's reference guide for information about how to resolve the problem.

XG000302

DOS function CALL FAILED. REASON: *reason*.

Reason:

The specified DOS function has failed.

Action:

See the operating system's reference guide for information about how to resolve the problem.

XG000303

WIN function CALL FAILED.

REASON: *reason*.

Reason:

The specified WIN function has failed.

Action:

See the operating system's reference guide for information about how to resolve the problem.

XG000304

UNABLE TO LOCATE FILE filename SEARCHING THE ENVIRONMENT VARIABLE:
string_name.

Reason:

The specified file was not found in any directory of the environment variable.

Action:

If the requested file exists in another directory, move or copy the file into a directory that is specified in the environment variable, or add the file directory to the environment variable.

Re-run the application.

XG000305

CANNOT ENCRYPT ENTRY processing_function.

Reason:

An attempt to encrypt the user ID and password failed in the specified function.

XG000306

INCOMPATIBLE APPLICATIONS FOR APP NAME application; REMOTE NAME: name; TP/PORT: name OR NUMBER; VERSION RESPONSE: number; REMOTE APP NAME:name.

Reason:

The local version of a product is incompatible with the remote site version of the product.

Action:

Check the following:

- Ensure that you have specified the correct remote name, and the appropriate version of the application exists at that remote location.
- Ensure the remote transaction program is configured to use the correct application version.

XG000604

INCOMPATIBLE APPLICATION FOR MVS APP NAME appname REMOTE NAME remote_name. TP/PORT tpname/port number VERSION RESPONSE response_value REMOTE APP NAME remote appname LOCAL VERSION: version.release.

Reason:

An error occurred when the MVS local application attempted to communicate with a remote application. This error occurred because the applications are inconsistent.

Action:

Make sure that the correct parameters (such as TPNAME or PORT NUMBER) have been specified.

XG000610

ERROR ACCESSING FILENAME. FILE DOES NOT EXIST OR USER DOES NOT HAVE READ ACCESS. REASON: reason.

Reason:

An error occurred when the program attempted to access the file. the file or member does not exist, or the owner of the application does not have read access to it.

Action:

Make sure that the file or member exists, and that the current user ID has read access to it.

XG000611

UNABLE TO DETERMINE CURRENT USER ID.

Reason:

The program cannot determine the current user ID.

XG000612

AN ERROR WAS DETECTED ATTEMPTING TO READ THE PASSWORD. PROCESS HALTED.

Reason:

An error was detected when reading the password file.

Action:

Make sure that the password file is available and contains valid password syntax.

XG000622

ERROR OCCURRED WHEN ATTEMPTING TO OPEN DATASET <DATASET NAME> FOR MODE.

Reason:

An error has occurred while attempting to open the specified data set.

Action:

Make sure that:

- The user ID has appropriate access to and authority for the file in the specified mode.
- The requested resources (such as disk space) are available.
- You are not locked out of the data set.
- The data set name is correct.

XG000623

ERROR OCCURRED WHEN ATTEMPTING TO CLOSE DATASET name.

Reason:

An error has occurred while attempting to close the specified data set.

Action:

Make sure that:

- The user ID has appropriate access to and authority for the file.
- The requested resources (such as disk space) are available.

XG000624

ERROR OCCURRED WHEN ATTEMPTING TO READ FROM DATASET name.

Reason:

An error has occurred while attempting to read from the specified data set.

Action:

Make sure that the user ID has read access to the file.

XG000625

ERROR OCCURRED WHEN ATTEMPTING TO WRITE TO DATASET name.

Reason:

An error has occurred while attempting to write to the specified data set.

Action:

Make sure that:

- The user ID has appropriate access to the file.
- The requested resources (such as disk space) are available.

XG000626

ERROR OCCURRED WHEN ATTEMPTING TO INITIALIZE BSAM DCB FOR DD name.

Reason:

An error has occurred while attempting to initialize the DCB for the specified DD name.

Action:

Make sure that the DD name is valid and is referenced in the application's JCL.

XG000627

ERROR OCCURRED WHEN GETTING DATASET INFORMATION FOR DD name.

Reason:

An error has occurred while obtaining information for the specified DD name.

Action:

Make sure that:

- The DD name is valid and is referenced in the application's JCL.
- The user ID has appropriate access to and authority for the file.
- You are not locked out of the data set.

XG000628

INVALID PARMTYPE SPECIFIED parm_value; LENGTH EXCEEDS MAXIMUM NUMBER OF CHARACTERS.

Reason:

An invalid parameter type with the indicated value has been specified.

Action:

To correct this error:

- Specify a valid parameter type (DDNAME, MEMBERNAME, DATASETNAME, UNIT, VOLUME, STORAGECLASS, MANAGEMENTCLASS, or DATACLASS).
- Specify a correct value.

XG000629

CLOSING ')' MISSING ON DATASET NAME dataset_name.

Reason:

An invalid data set name has been detected.

Action:

If the data set name includes a member, make sure the member name is enclosed in parentheses, as in *data set(member)*.

XG000630

NAME NOT SPECIFIED FOR DATASET OR DDNAME PARAMETER.

Reason:

The DATASET or DDNAME parameter was not specified.

Action:

To correct this error, specify a DATASET or DDNAME parameter.

XG000631

INVALID PARMTYPE VALUE SPECIFIED FOR "PARMNAME=PARMVALUE" DATASET PARAMETER SPECIFICATION.

Reason:

The value specified for the indicated parameter is invalid for its parameter type.

Action:

To correct this error:

- Make sure that the appropriate parameter type is specified. Valid parameter types include MODE, STATUS, RECORDFORMAT, RECORDLENGTH, PRIMARYSPACE, SECONDARYSPACE, data set organization, SPACEUNITS, and DISPOSITION.
- Specify a valid value for the parameter type.

XG000632

ERROR OCCURRED WHEN ATTEMPTING TO WRITE TO DATASET name. THE RECORD IS LONGER THAN THE MAXIMUM ALLOWED FOR THE DATASET.

Reason:

The length of the data record that was about to be written to the output data set exceeds the maximum record length.

Action:

To accommodate large record sizes, specify an output data set with a larger, fixed record length or with a variable record length.

XG000902

THE PRODUCT-ID PASSWORD IS INVALID BECAUSE THE CPUID HAS CHANGED.

Reason:

The password you entered is not valid because the CPUID has changed.

XG000904

THE PRODUCT-ID PASSWORD HAS EXPIRED.

Reason:

The password you entered has expired.

XG000908

THE PRODUCT-ID PASSWORD CANNOT BE CHECKED BECAUSE PTILIB CANNOT BE OPENED.

Action:

Verify that the load library is allocated to the PTILIB DD name.

XG000912

THE PRODUCT-ID PASSWORD CANNOT BE CHECKED BECAUSE THE FIND FAILED FOR THE PASSWORD MODULE.

Action:

Verify that the load library is allocated to the PTILIB DD name.

XG000916

THE PRODUCT-ID PASSWORD CANNOT BE CHECKED BECAUSE A BAD PARAMETER WAS PASSED.

Reason:

An unexpected or incorrect parameter was encountered.

XG000920

THE PRODUCT-ID PASSWORD CANNOT BE CHECKED BECAUSE the program RAN OUT OF MEMORY.

Reason:

Your product session might not have a large enough region size.

Action:

Try to increase the size.

XG000924

THE PRODUCT-ID PASSWORD CANNOT BE CHECKED BECAUSE the program PASSED A STRUCTURE OF THE WRONG SIZE.

Reason:

The product encountered a structure of the incorrect size.

XG000928

THE PRODUCT-ID PASSWORD CANNOT BE CHECKED BECAUSE the program ENCOUNTERED AN I/O ERROR.

Reason:

An I/O error occurred.

XG000932

THE PRODUCT-ID PASSWORD CANNOT BE CHECKED BECAUSE THE PRODUCT CODE CANNOT BE FOUND.

Reason:

The product cannot locate the product code.

XG001300

APPC appcverb CALL FAILED. PRIMARY RETURN CODE: reason; SECONDARY RETURN CODE: reason.

Reason:

An APPC call of the APPC verb has returned a non-zero value. Conversation has failed.

Action:

Use the primary and secondary return codes and see the APPC reference guide to determine how to fix the problem.

XG001302

APPC ALLOCATE CALL FAILED. PARTNER LU ALIAS: luname; FULLY QUALIFIED PARTNER: name; MODE NAME: name; TP NAME: tpname; USERID: userid; SYNCLEVEL: number; RETURN CONTROL: number; PRIMARY RETURN CODE: reason; SECONDARY RETURN CODE: reason.

Reason:

An APPC call of ALLOCATE has returned a non-zero value. Conversation has failed.

Action:

Make sure that all values specified for the following fields are valid:

Partner LU Alias

- Fully Qualified Partner
- Mode Name
- TP Name
- User ID

Change any incorrect value and re-run the application.

Use the primary and secondary return codes and see the APPC reference guide to determine how to fix the problem.

XG001303

APPC SEND CALL FAILED. SEND LENGTH: number; TYPE: number; PRIMARY RETURN CODE: reason; SECONDARY RETURN CODE: reason.

Reason:

An APPC call of SEND has returned a non-zero value. Conversation has failed.

Action:

Use the primary and secondary return codes and see the APPC reference guide to determine how to fix the problem.

XG001305

APPC RECEIVE_ALLOCATE CALL FAILED. TP NAME: tpname; PRIMARY RETURN CODE: reason; SECONDARY RETURN CODE: reason.

Reason:

An APPC call of SEND has returned a non-zero value. Conversation has failed.

Action:

Use the primary and secondary return codes and see the APPC reference guide to determine how to fix the problem.

XG001306

APPC TP_STARTED CALL FAILED. LU NAME: luname; TP NAME: tpname; PRIMARY RETURN CODE: reason; SECONDARY RETURN CODE: reason.

Reason:

An APPC call of TP_STARTED has returned a non-zero value. Attempt to create a conversation has failed.

Action:

First, make sure that the TP name is valid. Then, use the primary and secondary return codes and see the APPC reference guide to determine how to fix the problem.

XG001307

APPC RECEIVE_AND_WAIT CALL FAILED. MAX LENGTH: number; RETURN STATUS WITH DATA: number; PRIMARY RETURN CODE: reason; SECONDARY RETURN CODE: reason.

Reason:

An APPC call of RECEIVE_AND_WAIT has returned a non-zero value. Conversation has failed.

Action:

Use the primary and secondary return codes and see the APPC reference guide to determine how to fix the problem.

XG001600

APPC appcverb CALL FAILED. RETURN CODE: reason.

Reason:

An APPC call of the specified APPC verb has resulted in a non-zero return code. Conversation has failed.

Action:

Use the return code, and see the APPC reference guide to determine how to correct the problem.

XG001601

SERVICE NAME servicename; **MESSAGE TEXT** text; **ERROR LOG PRODUCT SET ID** errorid; **ERROR LOG INFO** errorinfo; **REASON CODE** reason.

Reason:

An APPC call has resulted in a non-zero return code, and APPC Error_Extract services are available. Conversation has failed.

Action:

Information provided by this message includes:

- Service Name, which specifies the name of the conversation callable service for which Error_Extract is returning error information.
- Message text, which describes an error on the call to the service specified by the Service Name parameter.
- Error Log Product Set ID, which identifies the partner product that provided error log information.
- Error Log Info, which describes an error found by a partner system or TP.
- Return Code, which specifies the result of the call.

Use this information, and see the APPC reference guide to determine how to correct the problem.

XG001602

APPC ALLOCATE CALL FAILED. PARTNER LU NAME: luname. MODE NAME: modename. TP NAME: tpname. USER ID: userid. SYNC LEVEL: level. LOCAL LU NAME: luname. RETURN CODE: reason.

Reason:

An APPC call of ALLOCATE has returned a non-zero value. Conversation has failed.

Action:

Make sure that valid values are specified for the following fields:

- Partner LU Name
- Mode Name
- TP Name
- User ID
- Sync Level
- Local LU Name

Change any incorrect values and run the application again.

Use the return code, and see the APPC reference guide to determine how to correct the problem.

XG001603

APPC SEND_DATA CALL FAILED. SEND TYPE: type. SEND LENGTH: length. RETURN CODE: reason.

Reason:

An APPC call of Send_Data has returned a non-zero value. Conversation has failed.

Action:

Use the return code, and see the APPC reference guide to determine how to correct the problem.

XG003000

TCP/IP SEND CALL FAILED. BYTES WRITTEN: number; BYTES LEFT: NUMBER; REASON: reason.

Reason:

A TCP/IP send call has returned a non-zero value. Conversation has failed.

Action:

You can set the PTITCPBUF environment variable to increase the TCP/IP stack buffer size. If set, PTGN will use this variable's value as its buffer size on sends and receives. If not set, the PTGN code uses its usual buffer size --32K.

XG003001

TCP/IP RECV CALL FAILED IN function_name BYTES READ: number; BYTES LEFT: number; REASON: reason.

Reason:

A TCP/IP recv call has returned a non-zero value. Conversation has failed.

Action:

You can set the PTITCPBUF environment variable to increase the TCP/IP stack buffer size. If set, PTGN will use this variable's value as its buffer size on sends and receives. If not set, the PTGN code uses its usual buffer size --32K.

XG003002

TCP/IP GETHOSTBYNAME CALL FAILED. CANNOT RESOLVE HOSTNAME: name.

Reason:

A TCP/IP gethostbyname call has returned a non-zero value. Conversation has failed.

Action:

Make sure that the hostname is correctly specified and is in the appropriate TCP/IP file.

XG003003

TCP/IP SOCKET CALL FAILED IN function_name. SOCKET: number; REASON: reason.

Reason:

A TCP/IP socket call has returned a non-zero value. Conversation has failed.

Action:

Examine the specified reason and see the TCP/IP reference guide to determine how to fix the problem.

XG003004

TCP/IP CONNECT CALL FAILED. REMOTE PORT: number; REASON: reason.

Reason:

A TCP/IP connect call has returned a non-zero value. Conversation has failed.

Action:

Examine the specified reason and see the TCP/IP reference guide to determine how to fix the problem.

XG003005

TCP/IP IOCTL CALL FAILED IN function_name REASON: reason.

Reason:

A TCP/IP ioctl call has returned a non-zero value. Conversation has failed.

Action:

Examine the specified reason and see the TCP/IP reference guide to determine how to fix the problem.

XG003306

TCP/IP SOCK_INIT CALL FAILED. REASON: reason.

Reason:

A TCP/IP sock_init call has returned a non-zero value. Conversation has failed.

Action:

Examine the specified reason and see the TCP/IP reference guide to determine how to fix the problem.

XG003307

TCP/IP GETSOCKNAME CALL FAILED. REASON: *reason*.

Reason:

A TCP/IP getsockname call has returned a non-zero value. Conversation has failed.

Action:

Examine the specified reason and see the TCP/IP reference guide to determine how to fix the problem.

XG003308

TCP/IP GETPEERNAME CALL FAILED. REASON: *reason*.

Reason:

A TCP/IP getpeername call has returned a non-zero value. Conversation has failed.

Action:

Examine the specified reason and see the TCP/IP reference guide to determine how to fix the problem.

XG003309

WSAStartup() FAILED PROBABLY DUE TO WINSOCK.DDL THAT DOESN'T SUPPORT 1.1. RESULT: *result*.

Reason:

A WSAStartup call has returned a non-zero value. Conversation has failed.

Action:

Examine the specified reason and see the TCP/IP reference guide to determine how to fix the problem.

XG003310

WINSOCK.DLL FOUND ONLY SUPPORTS VERSION: *number* RELEASE: *number*. VERSION 1.1 IS REQUIRED.

Reason:

The WINSOCK.DLL found does not support the requested version. Conversation has failed.

This application requires Version 1.1.

XG004300

CPIC SPECIFY_LOCAL_TP_NAME CALL FAILED. TP NAME: *tpname*; TP LENGTH: *number*; REASON: *reason*.

Reason:

A CPIC Specify_Local_TP_Name call has returned a non-zero value. Conversation has failed.

Action:

Examine the specified reason and see the CPIC reference guide to determine how to fix the problem.

XG004301

CPIC EXTRACT_SECURITY_USER_ID CALL FAILED. REASON: *reason*.

Reason:

A CPIC Extract_Security_User_ID call has returned a non-zero value. Conversation has failed.

Action:

Examine the specified reason and see the CPIC reference guide to determine how to fix the problem.

XG004302

CPIC EXTRACT_MODE_NAME CALL FAILED. REASON: *reason*.

Reason:

A CPIC Extract_Mode_Name call has returned a non-zero value. Conversation has failed.

Action:

Examine the specified reason and see the CPIC reference guide to determine how to fix the problem.

XG004303

CPIC EXTRACT_PARTNER_LU_NAME CALL FAILED. REASON: *reason*.

Reason:

A CPIC Extract_Partner_LU_Name call has returned a non-zero value. Conversation has failed.

Action:

Examine the specified reason and see the CPIC reference guide to determine how to fix the problem.

XG004304

CPIC EXTRACT_SYNC_LEVEL CALL FAILED. REASON: *reason*.

Reason:

A CPIC Extract_Sync_Level call has returned a non-zero value. Conversation has failed.

Action:

Examine the specified reason and see the CPIC reference guide to determine how to fix the problem.

XG004305

CPIC EXTRACT_CONVERSATION_TYPE CALL FAILED. REASON: *reason*.

Reason:

A CPIC Extract_Conversation_Type call has returned a non-zero value. Conversation has failed.

Action:

Examine the specified reason and see the CPIC reference guide to determine how to fix the problem.

XG004306

CPIC INITIALIZE_CONVERSATION CALL FAILED. REASON: *reason*.

Reason:

A CPIC Initialize_Conversation call has returned a non-zero value. Conversation has failed.

Action:

Examine the specified reason and see the CPIC reference guide to determine how to fix the problem.

XG004307

CPIC SET_CONVERSATION_TYPE CALL FAILED. CONVERSATION TYPE: *number*. REASON: *reason*.

Reason:

A CPIC Set_Conversation_Type call has returned a non-zero value. Conversation has failed.

Action:

Examine the specified reason and see the CPIC reference guide to determine how to fix the problem.

XG004308

CPIC SET_CONVERSATION_SECURITY_TYPE CALL FAILED. SECURITY TYPE: *number*. REASON: *reason*.

Reason:

A CPIC Set_Conversation_Security_Type call has returned a non-zero value. Conversation has failed.

Action:

Examine the specified reason and see the CPIC reference guide to determine how to fix the problem.

XG004309

CPIC SET_CONVERSATION_SECURITY_USER_ID CALL FAILED. USERID: *userid*. REASON: *reason*.

Reason:

A CPIC Set_Conversation_Security_User_ID call has returned a non-zero value.
Conversation has failed.

Action:

Examine the specified reason and see the CPIC reference guide to determine how to fix the problem.

XG004310

CPIC SET_CONVERSATION_SECURITY_PASSWORD CALL FAILED. REASON: *reason*.

Reason:

A CPIC Set_Conversation_Security_Password call has returned a non-zero value.
Conversation has failed.

Action:

Examine the specified reason and see the CPIC reference guide to determine how to fix the problem.

XG004311

**CPIC NSACT CALL FAILED. RETURNCODE: *number*. WHICHPARMERROR: *number*.
ALLOCATERC: *number*. SENSECODE1: *number*. SENSECODE2: *number*.**

Reason:

A CPIC NSACT call has returned a non-zero value. Conversation has failed.

Action:

Examine the specified reason and see the CPIC reference guide to determine how to fix the problem.

XG004312

CPIC SET_PARTNER_LU_NAME CALL FAILED. PARTNER LUNAME: *luname*. REASON: *reason*.

Reason:

A CPIC Set_Partner_LU_Name call has returned a non-zero value. Conversation has failed.

Action:

Examine the specified reason and see the CPIC reference guide to determine how to fix the problem.

XG004313

CPIC SET_MODE_NAME CALL FAILED. MODE NAME: *name*. REASON: *reason*.

Reason:

A CPIC Set_Mode_Name call has returned a non-zero value. Conversation has failed.

Action:

Examine the specified reason and see the CPIC reference guide to determine how to fix the problem.

XG004314

CPIC SET_TP_NAME CALL FAILED. TP NAME: *tpname*. REASON: *reason*.

Reason:

A CPIC Set_TP_Name call has returned a non-zero value. Conversation has failed.

Action:

Examine the specified reason and see the CPIC reference guide to determine how to fix the problem.

XG004315

CPIC SET_SYNC_LEVEL CALL FAILED. SYNC LEVEL: *number*. REASON: *reason*.

Reason:

A CPIC Set_Sync_Level call has returned a non-zero value. Conversation has failed.

Action:

Examine the specified reason and see the CPIC reference guide to determine how to fix the problem.

XG004316

CPIC SET_RETURN_CONTROL CALL FAILED. RETURN CONTROL: *number*. REASON: *reason*.

Reason:

A CPIC Set_Return_Control call has returned a non-zero value. Conversation has failed.

Action

Examine the specified reason and see the CPIC reference guide to determine how to fix the problem.

XG004317

CPIC ALLOCATE CALL FAILED. REASON: *reason*.

Reason:

A CPIC Allocate call has returned a non-zero value. Conversation has failed.

Action:

Examine the specified reason and see the CPIC reference guide to determine how to fix the problem.

XG004318

CPIC CONFIRM CALL FAILED. REQUESTTOSENDRECEIVED: *number*; REASON: *reason*.

Reason:

A CPIC Confirm call has returned a non-zero value. Conversation has failed.

Action:

Examine the specified reason and see the CPIC reference guide to determine how to fix the problem.

XG004319

CPIC CONFIRMED CALL FAILED. REASON: *reason*.

Reason:

A CPIC Confirmed call has returned a non-zero value. Conversation has failed.

Action:

Examine the specified reason and see the CPIC reference guide to determine how to fix the problem.

XG004320

CPIC SET_DEALLOCATE_TYPE CALL FAILED. DEALLOCATE TYPE: *number*; REASON: *reason*.

Reason:

A CPIC Set_Deallocate_Type call has returned a non-zero value. Conversation has failed.

Action:

Examine the specified reason and see the CPIC reference guide to determine how to fix the problem.

XG004321

CPIC DEALLOCATE CALL FAILED. DEALLOCATE TYPE: *number*; REASON: *reason*.

Reason:

A CPIC Deallocate call has returned a non-zero value. Conversation has failed.

Action:

Examine the specified reason and see the CPIC reference guide to determine how to fix the problem.

XG004322

CPIC SET_RECEIVE_TYPE CALL FAILED. RECEIVE TYPE: *number*; REASON: *reason*.

Reason:

A CPIC Set_Receive_Type call has returned a non-zero value. Conversation has failed.

Action:

Examine the specified reason and see the CPIC reference guide to determine how to fix the problem.

XG004323

CPIC RECEIVE CALL FAILED. REQUESTED LENGTH: *number*; DATA RECEIVED: *number*; RECEIVED LENGTH: *number*; STATUS RECEIVED: *number*; REQUESTED TO SEND RECEIVED: *number*; REASON: *reason*.

Reason:

A CPIC Receive call has returned a non-zero value. Conversation has failed.

Action:

Examine the specified reason and see the CPIC reference guide to determine how to fix the problem.

XG004324

CPIC SET_SEND_TYPE CALL FAILED. SEND TYPE: *number*; REASON: *reason*.

Reason:

A CPIC Set_Send_Type call has returned a non-zero value. Conversation has failed.

Action:

Examine to the specified reason and see the CPIC reference guide to determine how to fix the problem.

XG004325

CPIC SET_PREPARE_TO_RECEIVE_TYPE CALL FAILED. PREPARE TO RECEIVE TYPE: *number*; REASON: *reason*.

Reason:

A CPIC Set_Prepare_To_Receive_Type call has returned a non-zero value. Conversation has failed.

Action:

Examine the specified reason and see the CPIC reference guide to determine how to fix the problem.

XG004326

CPIC SEND_DATA CALL FAILED. SEND LENGTH: *number*; REQUEST TO SEND RECEIVED: *number*; REASON: *reason*.

Reason:

A CPIC Send_Data call has returned a non-zero value. Conversation has failed.

Action:

Examine the specified reason and see the CPIC reference guide to determine how to fix the problem.

XG004327

CPIC REQUEST_TO_SEND CALL FAILED. REASON: *reason*.

Reason:

A CPIC Request_To_Send call has returned a non-zero value. Conversation has failed.

Action:

Examine the specified reason and see the CPIC reference guide to determine how to fix the problem.

xnt Messages

Messages with the XNT prefix are generated from Xnet in the following format:

xntCCCnnnS

CCC

Identifies the Xnet component that issued the message. The following values are valid:

- DRV (initialization and termination processing)
- LOG (log file processing)
- MSG (message processing, for console and log file messages)
- RCV (error recovery processing)
- SAF (security subsystem interface processing)
- SVC (general services)
- TCP (TCP/IP communications processing)
- TRC (trace facility processing)

- TSK (task management)
- XNT (Xnet message processing for directors and agents)

nnn

Specifies the message identification number used by the Xnet component.

S

Specifies the severity indication (I for informational, W for warning, and E (error).

xntCMD000I

<command text>

Reason:

Logs all operator commands received by Xnet. The message contains the complete text of the command line entered.

Action:

None. This message is informational.

Class:

Cmdresp

xntCMD001I

(Taskname:userid) <command text>

Reason:

Logs all operator commands received from internal requests. The message contains the complete text of the command line entered.

Taskname

Identifies the name of the Xnet task that issued the command.

Action:

None. This message is informational only.

Class:

Cmdresp

xntCMD005I

security system message text

Reason:

A command was issued that required access to a resource controlled by the host security system and the resource access request was denied. One or more xntCMD005I messages contain the message text provided by the security system.

Action:

None. This message is informational only.

Class:

AccessVio

xntCMD010E

command-name command rejected - reason-for-rejection

Reason:

The named operator command was rejected by the command recognition and parsing component.

Action:

The reason-for-rejection can be any of the following:

Keyword not defined

Indicates that the command string contains a keyword that is not recognized. Ensure that literal strings are enclosed in quotes where necessary.

Improper use of operand

Indicates that the value list associated with the keyword does not contain an appropriate number of value entries, or has been omitted entirely. Ensure that value lists are coded only with keywords that support values, and that the number of values specified for each keyword coded is correct.

Duplicate keyword improper

Indicates that a keyword appears more than once in the command string. Remove the offending operand. Note that many commands can accept multiple values for a single operand.

Syntax error in string

Indicates that the command string does not conform to the basic command line syntax for Xnet operator commands.

Invalid value data type error

Indicates that a value entry contained in the value list for one of the command line operands does not conform to requirements. Ensure that all value list entries are correctly constructed.

Class:

Cmdresp

xntCMD017E

Improper value for keyword keyword

Reason:

A command was issued that included a valid keyword named keyword. One or more of the values provided in the keyword value list is not recognized.

Action:

Refer to the command's description for the syntax description.

Class:

Cmdresp

xntCMD020E

Missing or invalid command verb

Reason:

The command verb (or name) is the first token in the command line. This message indicates that the command provided is either improperly coded or not defined to the system.

Action:

Correct and retry.

Class:

Cmdresp

xntCMD021E**Invalid command destination name****Reason:**

Indicates that the task name was improperly coded or not defined when command task routing is used.

Action:

Correct and retry.

Class:

Cmdresp

xntCMD022E**Improper use or omission of command destination****Reason:**

This message is issued when command destination (task) routing is used in a manner inconsistent with the definition of the command syntax.

Action:

Correct and retry.

Class:

Cmdresp

xntCMD023E**Command destination *taskname* not found****Reason:**

The task, named in an explicit command destination routing request, is not currently active.

Action:

An active destination must be used.

Class:

Cmdresp

xntCMD024E

Command ITASK *taskname* processing error - RSN: *rsncode*

Reason:

The command scheduler sent a command request to an associated command processing task named *taskname*, but that task responded with a negative acknowledgment.

rsncode

Describes the source of error.

Action:

Contact Technical Support for assistance.

Class:

Cmdresp

xntCMD025E

**Command ITASK *taskname* communication error
\$COMSEND RC: *retcode* RSN: *rsncode***

Reason:

The command scheduler was not able to send a command request to its associated command task *taskname*. The *retcode* and *rsncode* describe the source of error.

Action:

Contact Technical Support for assistance.

Class:

Cmdresp

xntCMD026E

Unable to acquire CMDTASK response from *taskname*
\$COMACK RC: *retcode* RSN: *rsncode*

Reason:

A command task *taskname* completed the processing of a command previously presented to it by the command scheduler. However, the command scheduler was unable to acquire the response from the command task. The *retcode* and *rsncode* describe the source of error.

Action:

Contact Technical Support for assistance.

Class:

Cmdresp

xntCMD051I

command-name command complete

Reason:

The command was processed without error. This is a generic successful completion message which can be preceded by other messages further documenting the impact of the command.

Action:

None. This message is informational.

Class:

Cmdresp

xntCMD060E

command-name command failed

Reason:

The named command was not properly executed or completed with an error. This is a generic command did not complete message which can be preceded by other messages further documenting the impact of the command.

Action:

Correct and retry.

Class:

Cmdresp

xntCMD061E

command-name invalid or incomplete request.

Reason:

The command processor rejected the request. This message indicates that the command line contains incompatible operands or is not properly formed.

Action:

Correct and retry.

Class:

Cmdresp

xntCMD062E

command-name ambiguous request

Reason:

The command processor rejected the request. This message indicates that additional operands are needed to more fully specify the requester's intent.

Action:

Correct and retry.

Class:

Cmdresp

xntCMD063E**command-name command rejected****Reason:**

The command processor rejected the request. This message indicates that the system is not in a state that would allow it to perform the designated action.

Action:

Correct and retry.

Class:

Cmdresp

xntCMD064E**command-name timeout awaiting command completion****Reason:**

The command processor could not complete the command. This error can occur when command processing involves multiple processes, especially when one or more of those processes are remote.

Action:

Correct and retry.

Class:

Cmdresp

xntCMD065E**command-name command contains conflicting operands****Reason:**

The command processor rejected the request. Although the command is syntactically valid, its operands are contradictory.

Reason:

Correct and retry.

Class:

Cmdresp

xntCMD066E

commandname improper command usage authority

Reason:

The command explicitly or implicitly designates resources that an unauthorized user does not have access to.

Action:

Refer to the command's description for a discussion of the operands and the authorization requirements for each.

Class:

Cmdresp

xntCMD067E

commandname command operand value out of range

Reason:

A value specified for a keyword operand contains one or more values outside of the range of valid values.

Action:

Refer to the command's description for a discussion of the operands.

Class:

Cmdresp

xntCMD070E

Workunit referenced is not uniquely identified

Reason:

The command processor rejected the request. A workunit named in the command line (for example, the TASK() operand) is not unique. This means there are multiple workunits having the same name within the scope of the operation attempted.

Action:

Correct and retry.

Class:

Cmdresp

xntCMD071E

Task *taskname* not found

Reason:

The KILL command was issued against a task named *taskname*, but that task is not active.

Action:

Correct and retry.

Class:

Cmdresp

xntCMD075E

Command not available, APF authorization required

Reason:

The KILL command is available only when Xnet is running in APF authorized mode.

Action:

Correct and retry.

Class:

Cmdresp

xntCMD090E

ABEND occurred in command processor *command-name*

Reason:

The command processor ABENDED while attempting to perform the given request. An indicative dump and other useful diagnostics have been written to the log file and storage dumps might have been generated.

Action:

Review the dumps to determine the error.

Class:

Cmdresp

xntCMD099I

Console commands cannot be accepted

Reason:

Xnet is running in a non-standard execution environment (under TSO, for example, or in certain multi-step job environments) and is unable to provide MCS console command support.

Action:

None. This message is informational.

Class:

Sysinfo

xntCMD101I

{STOP | CANCEL} command accepted

Reason:

A system STOP or CANCEL command was issued and no conditions were detected that prohibit orderly system shutdown. System shutdown begins.

Action:

None. This message is informational.

Class:

Cmdresp

xntCMD102I

{STOP | FSTOP | CANCEL} command accepted for task *taskname*

Reason:

A STOP, FSTOP, or CANCEL request was issued with the TASK() operand. Termination begins for the named task and all of its processes, and all of its subtasks, and so on.

Action:

None. This message is informational.

Class:

Cmdresp

xntCMD103I

Stop refused, projects currently active

Reason:

A system STOP or CANCEL was requested, but projects are open. This means there are still active users. The request is ignored.

Action:

None. This message is informational.

Class:

Cmdresp

xntCMD110E

Task *taskname* not found

Reason:

A STOP or CANCEL request specified taskname, but that task is not currently active.

Action:

Verify that the task name is correct and re-enter the command.

Class:

Cmdresp

xntCMD201I

Running number processes / number tasks

Reason:

The TASKLIMIT command has been issued and this message is the command summary line. It provides the total number of processes and tasks running in the system.

Action:

None. This message is informational.

Class:

Cmdresp

xntCMD202I

TASKLIST active tasks:

Reason:

A TASKLIST command was issued with the NAMES operand. This message is followed by one or more instances of message xntCMD203I, each containing a condensed list of active task names. Active tasks (TSKPCBC^= 0) are flagged with an asterisk.

Action:

For problem determination, a task that continually exhibits the asterisk might be looping. Note that during command processor execution, the \$CONTASK and \$LOGTASK are active.

Class:

Cmdresp

xntCMD203I

taskname1 taskname2 taskname3 ...

Reason:

A TASKLIST command was issued with the NAMES operand. This message contains a group of active tasknames. Multiple xntCMD203I messages might be produced depending on system load, and so on.

Action:

None. This message is informational.

Class:

Cmdresp

xntCMD204I**TASKLIST active tasks and processes:****Reason:**

A TASKLIST command was issued with the PROCS or ALL operands or both. This message is followed by one or more instances of message xntCMD205I, each containing a condensed list of active task and process names. Active tasks (TSKPCBC ^= 0) and their current process are both flagged with an asterisk.

Action:

For problem determination, a task and process pair that continually exhibits asterisks might be looping. Note that during command processor execution, the \$CONTASK and \$LOGTASK are active.

Class:

Cmdresp

xntCMD205I

taskname1, ... / procname1 procname2 ...

Reason:

A TASKLIST command was issued with the PROCS or ALL operands or both. This message contains either a single taskname, or a list of process names associated with the last task name displayed. Multiple xntCMD205I messages are common, depending on system load, and so on.

Action:

None. This message is informational.

Class:

Cmdresp

xntCMD210E

TASK *taskname* not found

Reason:

A command specified a TASK workunit by name, usually with the TASK() operand, and the taskname was not active.

Action:

Specify an active task.

Class:

Cmdresp

xntCMD213I

taskname1, taskname2,....

Reason:

When a TASKLIST command is submitted with the NAMES and ADDRS operands, the addresses of the tasknames control blocks are provided. The addresses correspond to the tasknames displayed in the immediately prior xntCMD203I message.

Action:

None. This message is informational.

Class:

Cmdresp

xntCMD215I

addrs1, addrs2,.....

Reason:

When a TASKLIST command is submitted with the ALL and ADDRS operands, the addresses of the selected task and process control blocks are provided. The addresses correspond to the workunit names displayed in the immediately prior xntCMD205I message.

Action:

None. This message is informational.

Class:

Cmdresp

xntCMD219W**Storage manager not yet initialized****Reason:**

An attempt was made to use Xnet's cell storage areas, which are not yet initialized.

Action:

Reissue the command after system initialization is complete.

Class:

Cmdresp

xntCMD220I**Storage utilization statistics****Reason:**

A STORAGE command was issued to acquire storage utilization statistics. The detail display to follow might include any of the messages in the range xntCMD221I through xntCMD229I.

Action:

None. This message is informational.

Class:

Cmdresp

xntCMD221I

Total amount of storage allocated: *number*
Amount of this storage used for cell pools: *number*

Reason:

A STORAGE command was issued, with either the DISPLAY operand expressed or implied, to acquire storage utilization statistics. The first message line provides the total amount of storage allocated. This figure includes storage managed by z/OS, which is dynamically allocated and released, as well as the cell pool storage managed by Xnet.

The second line indicates the amount of cell pool storage used. Cell pools are reserved, specifically sized, storage blocks that are managed by Xnet.

Note: For additional information about the STORAGE command and storage management startup parameters, see the *CA Database Management Solutions for DB2 for z/OS for DB2 for z/OS General Facilities Reference Guide*.

Action:

None. This message is informational.

Class:

Cmdresp

xntCMD222W

Cell pool storage exhausted

Reason:

No more storage space is available for cell pools. The storage size requested by the STGINITIAL and STGEXPAND startup parameters is not available in the Xnet address space.

Note: For additional information about the STORAGE command and storage management startup parameters, see the *CA Database Management Solutions for DB2 for z/OS for DB2 for z/OS General Facilities Reference Guide*.

Action:

Update the startup parameters and restart.

Class:

Cmdresp

xntCMD224I**Storage statistics reset****Reason:**

A STORAGE command that included the RESET operand was issued. The total number of requests maintained for each storage subpool and partition is reset to zero, and the high-water-mark is reset to the total size, which establishes a clean measurement interval for performance evaluation, and so on.

Action:

None. This message is informational.

Class:

Cmdresp

xntCMD225I

size	requests	in use	cells	-16m	mvs	total	hwm
-----	-----	-----	-----	----	--	-----	-----

Reason:

This heading message line is followed by one or more xntCMD227I or xntCMD226I messages describing the use of storage subpools or storage partitions, respectively. The requests and total columns are a coarse measurement of system activity. All other metrics are highly environment and application dependent and are usually meaningful only when a product performance history has been established. Each column in the message table is described below:

size

Specifies the upper limit of the size of a storage block request described by this STORAGE analysis entry. The subpools or partitions are presented in ascending order by size.

requests

Specifies the total number of requests for storage from this subpool or partition since the last RESET request.

in use

Specifies the total number of storage extents currently allocated from this subpool or partition. This counter increments each time a storage area is allocated from the subpool or partition and decrements when the storage block is returned.

cells

Specifies the storage manager retains blocks of storage of the indicated size for specific storage size ranges. cells is the number of blocks available for satisfying requests for storage areas of the given size.

-16M

When a request is made for storage below the 16 megabyte line, the storage manager does not use storage residing in a cell pool. Instead, the request is satisfied using standard z/OS storage services. The number in this column is the number of such requests outstanding.

MVS

Specifies the total amount of storage allocated for storage blocks of the given size that were satisfied using standard z/OS storage services. Cell pool storage is not used for certain types of storage requests including those requiring space below the 16 MB line and those larger than 8 KB in size.

total

Specifies the total amount of storage allocated from the given subpool or partition. This value fluctuates depending upon a large number of factors. The most important factor includes the number of workbench and run-time users, and the number of SLU sessions maintained by those users.

hwm

Specifies the high water mark, meaning the highest value that total ever attained for the given subpool or partition.

Action:

None. This message is informational.

Class:

Cmdresp

xntCMD226I

size requests in-use cells -16M MVS total hwm

Reason:

Contains storage allocation statistics for the partition identified in the SIZE column.

Action:

Refer to message xntCMD225I for a description of the message line content. For each 64 KB, 128 KB, 256 KB, and so on range, message xntCMD228I displays a summary line with the totals for those size ranges.

Class:

Cmdresp

xntCMD227I

size requests blocks total-size max-size

Reason:

This line summarizes storage usage for all size values not explicitly depicted in a prior xntCMD226I message line.

Action:

Refer to message xntCMD225I for a description of the message line content.

Class:

Cmdresp

xntCMD228I

Totals: requests-max blocks-max total-size-max max-size-max

Reason:

This message line contains the total for all of the detail line (xntCMD226I) counters and summarizes the overall storage demand.

Action:

Refer to message xntCMD225I for a description of the message line content.

Class:

Cmdresp

xntCMD229I

Total: requests in-use cells -16M MVS total hwm

Reason:

This message line contains the total for all of the detail line (xntCMD226I and xntCMD227I) counters and summarizes the overall storage demand.

Action:

Refer to message xntCMD225I for a description of the message line content.

Class:

Cmdresp

xntCMD240E

\$ASYEXIT failed in service servicename RC: retcode

Reason:

A z/OS service invoked during the execution of a KILL command presented an unexpected return code.

Action:

Contact Technical Support for assistance.

Class:

Cmdresp

xntCMD248I

Lock	Pct	Max Q	Max	Share	Total
Name	Wait	Length	Share	Requests	Requests
-----	-----	-----	-----	-----	-----

Reason:

A LOCK command that included the DISPLAY operand was issued. This message is logged for each global lock defined in the system.

Action:

See message xntCMD249I for an explanation of the variables under the header.

Class:

Cmdresp

xntCMD249I

lockname nn% qlength maxshare sharerequests totalrequests

Reason:

This message line contains the details for xntCMD248I:

lockname

Specifies the name of the lock.

nn%

Specifies the percentage of the total requests for lockname that the lock was not immediately available since the last LOCK RESET request was accepted. When a lock is not immediately available, the requesting workunit is suspended until it becomes available.

qlength

Specifies the largest number of workunits that were ever concurrently suspended for lockname since the last LOCK RESET request was accepted.

maxshare

Specifies the maximum number of requesting workunits that ever held the lock concurrently. This value is always zero for non-sharable locks.

sharerequests

Specifies the total number of requests for the lock that designated shared access.

totalrequests

Specifies the total number of times the lock has been obtained since the last LOCK RESET request was accepted.

Action:

None. This message is informational.

Class:

Cmdresp

xntCMD251I

Lock statistics reset

Reason:

A LOCK command with the RESET operand was issued. All lock activity statistics including the Pct Wait, MaxQ, and Total Requests values are zeroed, establishing a clean measurement interval for performance evaluation, and so on.

Action:

None. This message is informational.

Class:

Cmdresp

xntCMD285I

Tracing is {enabled | disabled}

Reason:

This message is included in all TRACE command responses. It displays the current state of the system trace.

Note: The system trace should be left in the enabled state.

Action:

None. This message is informational.

Class:

Cmdresp

xntCMD286I**Trace event classes for {system | taskname}****Reason:**

When the DISPLAY operand of the TRACE command is specified, this message precedes one or more xntCMD287I messages that list the trace event classes enabled for all workunits by default (SYSTEM), or for the specific workunit named using the TASK(taskname) operand.

Action:

None. This message is informational.

Class:

Cmdresp

xntCMD287I**trace-status – trace-event-class-name****Reason:**

When the DISPLAY operand of the TRACE command is specified, this message is logged to show the trace status for system wide and workunit-specific trace event classes. Refer to the TRACE command description for a discussion of trace event classes.

Action:

None. This message is informational.

Class:

Cmdresp

xntCMD288I

No enabled trace event classes for {system | taskname}

Reason:

When the DISPLAY operand of the TRACE command is specified, this message is issued if there are no active trace event classes for all workunits by default (SYSTEM) or for the workunit named using the TASK(taskname) operand.

Action:

None. This message is informational.

Class:

Cmdresp

xntCMD289E

trace-event-class-name is not a valid trace event class

Reason:

The TRACE command was issued with the ON or OFF operand and a CLASS() class name list. The trace-event-class-name contained in this message is not defined. Processing continues with the remainder of the class list.

Action:

Specify a valid trace event class name.

Class:

Cmdresp

xntCMD290I

**{system | workunit} trace {enabled | disabled}
for event class trace-eventclass- name**

Reason:

The TRACE command was issued with the ON or OFF operands and a CLASS() class name list. This message documents the affect of the command upon each of the designated trace event classes given.

Action:

None. This message is informational.

Class:

Cmdresp

xntCMD291I

Workunit taskname is not currently active

Reason:

The TRACE command designating a workunit through the TASK() operand was issued. Trace options have been set accordingly, but the named workunit is not currently active. However, the trace options will be in effect when the workunit starts.

Action:

None. This message is informational.

Class:

Cmdresp

xntCMD311E

***dest-name* is not a valid message destination**

Reason:

A MESSAGE command includes the DEST(*dest-name*,...) operand but one of the dest-names specified is not defined.

Action:

The invalid destination is ignored and processing continues with the remainder of the dest-name list.

Class:

Cmdresp

xntCMD312E

Invalid DEST designation

Reason:

A MESSAGE command includes the DEST(*dest-name*,...) operand but the dest-name list is syntactically invalid.

Action:

Correct the syntax.

Class:

Cmdresp

xntCMD313E

***msg-class-name* is not a valid message class or code**

Reason:

A MESSAGE command includes the CLASS(*msg-class-name*,...) operand but one of the msg-class-names is not a valid message class name string or message class code character.

Action:

The invalid msg-class-name is ignored and processing continues with the remaining list entries.

Class:

Cmdresp

xntCMD314E**Invalid CLASS designation****Reason:**

A MESSAGE command includes the CLASS(msg-class-name,...) operand but the msg-class-name list is syntactically invalid.

Action:

Correct the syntax.

Class:

Cmdresp

xntCMD315I**Message class status for {system | workunit}:****Reason:**

A MESSAGE command includes the DISPLAY operand. This message precedes one or more instances of xntCMD316I describing the status of each defined message class for either all work units by default (SYSTEM), or when the TASK() operand is specified, the named workunit.

Action:

None. This message is informational.

Class:

Cmdresp

xntCMD316I

***msg-class-code - msg-class-name is {active | inactive} – Dests:
dest-name1...dest-name#***

Reason:

A MESSAGE command includes the DISPLAY operand. This message is issued for each message class defined to the system for all work units by default (SYSTEM) or for the named work unit when the TASK() operand is also specified.

Msg-class-code and msg-class-name both describe the particular message class. Active messages are routed to each of the associated dest-name# destinations. Inactive messages are suppressed.

Action:

None. This message is informational.

Class:

Cmdresp

xntCMD317I

Message updates completed

Reason:

This message indicates that message activation and/or routing changes have been completed.

Action:

None. This message is informational.

Class:

Cmdresp

xntCMD318I**Workunit taskname is not currently active****Reason:**

A MESSAGE command specifying a workunit via the TASK() operand was issued. Message activation and routing options have been set accordingly but the named workunit is not currently active. However, the designated options will be in effect when the workunit starts.

Action:

None. This message is informational.

Class:

Cmdresp

xntCMD319I**No message table defined for workunit****Reason:**

A MESSAGE command includes both the DISPLAY and TASK(taskname) operands but there is no message class override table defined for the named workunit. Any task instance having the taskname specified inherits the SYSTEM workunit default message attributes.

Action:

None. This message is informational.

Class:

Cmdresp

xntCMD320I

Workunit *workunit* uses system messaging defaults

Reason:

A MESSAGE command includes both the DEFAULTS and TASK(taskname) operands. Any message class overrides for the named workunit are removed. This causes all tasks having the specified taskname to inherit the SYSTEM workunit default message attributes.

Action:

None. This message is informational.

Class:

Cmdresp

xntCMD351I

Display of event counts and rates

Event	Event	Event Statistics
-- Id --	---- Description ----	Interval TotalSys Events/Sec

Reason:

This header line is followed by one or more xntCMD352I messages listing event counts and rates for the events selected using the EVENTS command. This message provides the heading format for the subsequent xntCMD352I messages.

Action:

None. This message is informational.

Class:

Cmdresp

xntCMD352I

event-id event-desc interval totalsys events-sec

Reason:

This message line is generated after xntCMD351I and contains event count and rate statistics for the selected events. The lines contain the following information:

event-id

Specifies the ID of the event.

event-desc

Specifies a brief description of the event being counted.

interval

Specifies the number of times the event occurred from the start of the interval until the EVENTS command was issued.

totalsys

Specifies the number of times the event occurred from Xnet initialization until the EVENTS command was issued.

events-sec

Specifies the number of times the event occurred per second from the start of the interval until the EVENTS command was issued.

Action:

None. This message is informational.

Class:

Cmdresp

xntCMD353I

Internal event counts reset

Reason:

An EVENTS command with the RESET operand was issued. This message indicates that the interval-count value was cleared and a new interval for all (or selected) events is established.

Action:

None. This message is informational.

Class:

Cmdresp

xntCMD360I

SVC Dump *result-text*. RC: *retcode* RSN: *rsncode*

Reason:

This message is issued in response to a DUMP command.

result-text

Indicates whether the dump was successful or failed. The retcode and a rsncode are the return and reason codes associated with this SVC dump.

retcode

Specifies the return code for the dump request.

rsncode

Specifies the reason code for the dump request.

Action:

None. This message is informational.

Class:

Cmdresp

xntCMD361I

DUMP command failed. *failure-text*. RC: *retcode* RSN: *rsncode*

Reason:

This message is issued in response to a failed DUMP command.

failure-text

Indicates that you are not running APF-authorized. Xnet must be running APF authorized to use the DUMP command.

retcode

Specifies the return code for the dump request.

rsncode

Specifies the reason code for the dump request.

Action:

None. This message is informational.

Class:

Cmdresp

xntCMD363I

Current SDUMP count: *number*. Maximum allowed: *max-value*

Reason:

This message is issued in response to a DUMP command specified without additional operands or with the DISPLAY, MAX(*max-value*), or RESET operands.

number

Indicates the current number of SVC dumps taken.

max-value

Indicates the maximum number of SVC dumps allowed.

Action:

None. This message is informational.

Class:

Cmdresp

xntCMD375I

```
----- Requester ----- --- Operator --- Time or
Req id   Userid Taskname Procname Consname Consid Interval
-----
```

Reason:

This multi-line message contains the column headers for the body of the information presented by the ISSUE DISPLAY. It is followed by one or more xntCMD376I or xntCMD377I messages.

Action:

None. This message is informational.

Class:

Cmdresp

xntCMD376I

reqid userid taskname procname consname consid timeintvl

Reason:

This message summarizes a command scheduling request introduced by an ISSUE command. It identifies the ISSUE requester, the command submission identifier, and the command submission interval, as follows:

reqid

Specifies the command submission identifier. All active ISSUE commands belong to a command submission group named ISSDFT by default.

userid

Specifies the user ID that entered the ISSUE command or blank.

taskname

Identifies the name of the task work unit from which the ISSUE command was received. If the ISSUE command originated from a z/OS console the value is blank. If the ISSUE command was contained in the INITPARM data set, the value is \$PXNMAIN.

procname

Identifies the name of the process associated with the task from which the ISSUE command was received. If the command originated from a z/OS console, both the taskname and procname values are blank. If the ISSUE command was contained in the INITPARM data set, the value is \$MAIN\$.

consname

Identifies the name of the z/OS console from which an ISSUE command was received. If the command source is a TSO user (through SDSF, and so on), this value is usually the requester's user ID.

consid

Identifies the z/OS console from which an ISSUE command was received.

timeintvl

Specifies the command submission frequency in HH:MM:SS format. For example, if an ISSUE CMD(cmd1, cmd2,...) EVERY(5) MINUTES command is active, the submission frequency appears as 00:05:00.

Action:

None. This message is informational.

Class:

Cmdresp

xntCMD377I**CMD: command line****Reason:**

This message contains the text of an ISSUE command. One xntCMD377I message appears for each command specified in the ISSUE CMD(cmd1, cmd2, ...) operand.

Action:

None. This message is informational.

Class:

Cmdresp

xntCMD380W

No auto ISSUE processes are active

Reason:

This message is the response to an ISSUE DISPLAY command if automatic command submission is not active.

Action:

None. This message is informational.

Class:

Cmdresp

xntCMD381W

No auto ISSUE processes match the given ID

Reason:

An ISSUE DISPLAY ID(reqid) command was issued, but there is no corresponding active command submission work unit running.

Action:

The request is ignored. Omit the ID(reqid) operand to acquire a list of all active command submission reqids.

Class:

Cmdresp

xntCMD382E

EVERY() or FOR() value exceeds 24 hours

Reason:

An ISSUE command includes the FOR(intvl1) and/or EVERY(intvl2) operands and the time intervals requested exceed 24 hours.

Action:

The request is ignored. Consider using FOREVER in place of a large FOR(intvl1) value.

Class:

Cmdresp

xntCMD383E

EVERY() or FOR() value exceeds max digits

Reason:

The FOR and EVERY operands are intended to represent time periods of less than 24 hours (86400 seconds) in duration.

Action:

The request is ignored.

Class:

Cmdresp

xntCMD384E

ISSUE command cannot be recursively submitted

Reason:

An ISSUE command contains another ISSUE command in the CMD(cmd1,...) operand.

Action:

The request is ignored.

Class:

Cmdresp

xntCMD385E

ISSUE reqid cancelled due to error in submitted command

Reason:

At the time a command is submitted on behalf of an ISSUE request for an active reqid, the command line was found in error by the command scheduler or the command processor.

Action:

The automatic command submission process identified by reqid is stopped. Refer also to xntCMD390I and xntCMD391I.

Class:

Cmdresp

xntCMD386E

ISSUE cancelled because command output is not deliverable

Reason:

The output of the commands automatically submitted on behalf of an ISSUE request is routed back to the ISSUE requester.

Action:

If the command output is not deliverable, this message is issued and the associated automatic command submission work unit is stopped. Refer also to xntCMD390I and xntCMD391I.

Class:

Cmdresp

xntCMD387E

Invalid clock value specified in AT() list

Reason:

An ISSUE command was issued with an AT() operand specifying one or more time of day values in 24-hour clock format. One of the values is not valid.

Action:

Refer to the description of the ISSUE command syntax to correct.

Class:

Cmdresp

xntCMD388E

ISSUE failed in \$TIMER service RC: *returncode*

Reason:

The timing service used by the ISSUE command to schedule the submission of command lines has failed.

Action:

Contact Technical Support for assistance.

Class:

Cmdresp

xntCMD389E

ISSUE failed in \$COMMAND service RC: *returncode*

Reason:

The command submission service used by the ISSUE command to schedule the submission of command lines has failed.

Action:

Contact Technical Support for assistance.

Class:

Cmdresp

xntCMD390I

ISSUE ID: reqid stopped

Reason:

This message is issued when the automatic command submission work unit identified by reqid has been requested to stop. Generally, this occurs when an ISSUEND command is received but stop requests also originate internally in response to certain errors.

Action:

Refer to messages xntCMD385E and xntCMD386E.

Class:

Cmdresp

xntCMD391I

ISSUE ID: reqid ended

Reason:

This message is issued by an automatic command submission work unit when it terminates. The reqid and all associated command submission requests are deleted.

Action:

None. This message is informational.

Class:

Cmdresp

xntCMD410I

TCP *request-name* request status [*reason*]

Reason:

This message is issued in response to the TCP command. It provides information about the results of command processing.

request-name

Specifies the requested TCP command function: DISPLAY, START, or STOP.

status

Specifies the status as COMPLETE (if command processing was successful) or FAILED (if an error occurred).

reason

Provides an explanation for the failure if the request failed.

Action:

Review the command processing results.

Module:

ICMDTCP

Class:

Cmdresp

xntCMD411I

***socket-descriptor* pathid: *pathid* socket: *path-socket*
entity: *token* task/proc: *task/proc*
address-family: *family* port: *port* host: *host-address*
flags: *flags* *flag-desc***

Reason:

This message is issued in response to the TCP DISPLAY SOCKET command. Message xntCMD412I logically follows this message and completes the display.

socket-descriptor

Xnet's socket descriptor (the user socket).

pathid

Xnet's path ID number for the IBM TCP/IP connection used by the socket.

path-socket

IBM's TCP/IP socket descriptor.

token

Work unit entity token of the process that owns the socket.

task

Specifies the name of the task that owns the process

proc

Name of the process that owns the socket.

family

Addressing family associated with the connection.

port

TCP/IP port associated with this connection.

host-address

TCP/IP address of the host associated with this connection.

flags

Socket status flags.

flag-desc

Textual descriptions for socket status conditions indicated by the flags: ALLOCATED, GIVEN, LISTENING.

Action:

Review the message description.

Module:

ICMDTCP

Class:

Cmdresp

xntCMD412I

msgs in.....*inbound-msg-count*
bytes in.....*inbound-char-count*
msgs out.....*outbound-msg-count*
bytes out.....*outbound-char-count*

Reason:

This message is issued in response to the TCP DISPLAY SOCKET command and follows message xntCMD411.

inbound-msg-count

Specifies the number of messages received over this socket.

inbound-char-count

Specifies the number of characters received over this socket.

outbound-msg-count

Specifies the number of messages sent over this socket.

outbound-char-count

Specifies the number of characters sent over this socket.

Action:

Review the message description.

Module:

ICMDTCP

Class:

Cmdresp

xntCMD413I

pathid ***iucv_userid: userid iucv_subtaskid: subtaskid***
maxreqs: max-reqs actreqs: active-reqs
maxsock: max-skt actsock: active-skt
airhead: air-head airtail: air-tail
airpdhd: air-pend-head airpdtl: air-pend-tail
flags: flags flag-desc

Reason:

This message is issued in response to the TCP DISPLAY PATH command Message xntCMD414I logically follows this message and completes the display.

pathid

Specifies Xnet's path ID number for this IBM TCP/IP connection.

userid

Specifies the jobname or started task name of the Xnet address space that is used as a unique identifier for Xnet when connecting to IBM TCP/IP.

subtaskid

Specifies the unique name that identifies this path to TCP/IP for z/OS.

max-reqs

Specifies the maximum number of concurrent API requests that are permitted on this path.

active-reqs

Specifies the number of API requests that are currently active on this path.

max-skt

Specifies the maximum number of sockets that are permitted on this path.

active-skt

Specifies the number of sockets that are currently active on this path.

air-head

Specifies the address of the first Xnet request block (AIR) on the active request queue.

air-tail

Specifies the address of the last Xnet request block (AIR) on the active request queue.

air-pend-head

Specifies the address of the first Xnet request block (AIR) on the pending request queue.

air-pend-tail

Specifies the address of the last Xnet request block (AIR) on the pending request queue.

flags

Specifies the path status flags.

flag-desc

Specifies textual descriptions for the path status conditions indicated by the flags: PRIMARY, PENDING, SEVERED.

Action:

Review the message description.

Module:

ICMDTCP

Class:

Cmdresp

xntCMD414I

iucv sends.....*sent-count*
tot queued.....*total-queued*
cur queued.....*cur-queued*
max queued.....*max-queued*

Reason:

This message is issued in response to the TCP DISPLAY PATH command and follows message xntCMD413I.

sent-count

Specifies the total number of TCP/IP API requests that have been processed on this path.

total-queued

Specifies the total number of TCP/IP API requests that could not be satisfied immediately.

cur-queued

Specifies the total number of TCP/IP API requests that are currently queued.

max-queued

Specifies the maximum number of TCP/IP API requests that have been queued at one time.

Action:

None. This message is informational.

Module:

ICMDTCP

Class:

Cmdresp

xntCMD415I

TCP/IP status - name: *jobname*

itcaddr: *itc-addr* maxsend: *max-msg-size* eibsize: *eib-size*

maxreqs: *max-reqs* pabhash: *path-tbl-size* tubhash: *user-tbl-size*

maxpath: *max-paths* actpath: *active-paths*

maxsock: *max-skt* actsock: *active-skt* maxskpth: *skt-per-path*

flags: *flags* *flag-desc*

Reason:

This message is issued in response to the TCP DISPLAY command and provides system-wide TCP/IP component information.

jobname

Specifies the jobname or started task name of the IBM TCP/IP address space (Xnet's TCPNAME parameter).

itc-addr

Specifies the storage address of the Xnet TCP/IP CVT block.

max-msg-size

Specifies the maximum amount of data that an Xnet application can send with a single sockets API call.

eib-size

Specifies the amount of storage reserved for an IBM TCP/IP External Interrupt Block.

max-reqs

Specifies the maximum number of active TCP/IP API requests that will be permitted on a single path (Xnet's MSGLIM parameter).

path-tbl-size

Specifies the number of entries in the Xnet system-wide path look-up table.

user-tbl-size

Specifies the number of entries in the Xnet process socket table.

max-paths

Specifies the maximum number of active IBM TCP/IP connection paths that will be permitted in the system (Xnet's PATHS parameter).

active-paths

Specifies the current number of active IBM TCP/IP connection paths in the Xnet system.

max-skt

Specifies the maximum number of sockets that will be permitted in the system (product of max-paths and skt-per-path).

active-skt

Specifies the number of sockets that are currently active in the system.

skt-per-path

Specifies the maximum number of sockets that will be permitted on a single IBM TCP/IP connection path (Xnet's SOCKETS parameter).

flags

Specifies the system-wide Xnet TCP/IP component status flags.

flag-desc

Specifies the textual descriptions for system-wide status conditions indicated by the flags: STOPPED, CANCELED, TERMINATING, CONNECTED.

Action:

None. This message is informational.

Module:

ICMDTCP

Class:

Cmdresp

xntCMD416I

statistic-name.....value

Reason:

This message is issued in response to the TCP DISPLAY PATH command and follows message xntCMD413I.

statistic-name

Specifies a descriptive label for a statistic (for example, "msgs out" labels the total number of messages sent from Xnet and "send" labels the total number of socket API send calls processed in the system).

value

Specifies a decimal value.

Action:

None. This message is informational.

Module:

ICMDTCP

Class:

Cmdresp

xntCMD417I

Stop issued for user_socket: *socket-desc*
pathid: *pathid* socket: *path-skt-desc*

Reason:

This message is issued in response to the TCP STOP SOCKET command.

socket-desc

Specifies Xnet's socket descriptor (the user socket).

pathid

Specifies Xnet's path ID number for the IBM TCP/IP connection used by the socket.

path-skt-desc

Specifies IBM's TCP/IP socket descriptor.

Action:

None. This message is informational.

Module:

ICMDTCP

Class:

Cmdresp

xntCMD418I

Stop issued for pathid: *pathid*

Reason:

This message is issued in response to the TCP STOP PATH command.

pathid

Specifies Xnet's path ID number for the IBM TCP/IP connection path being stopped.

Action:

None. This message is informational.

Module:

ICMDTCP

Class:

Cmdresp

xntCMD700I

Xnet request-name request status [reason]

Reason:

This message is issued in response to the XNET command. It provides information about the results of command processing.

request-name

Specifies requested XNET command function (DISPLAY, START, STOP, DEFINE, DELETE, SET or RESET).

request status

Specifies the request status as COMPLETE (if command processing was successful) or FAILED (if an error occurred).

reason

Provides an explanation for the failure if the request failed.

Action:

None. This message is informational.

Module:

ICMDXNT

Class:

Cmdresp

xntCMD701I

Xnet status – *xmanid xmanid jobname jobname*
agents agent# dirs dir# defs def# prgcd reason
ixn ixn-addr ascb ascb-addr asid asid
tcb tcb-addr itask itask-addr ipcb ipcb-addr
sswa sswa-addr pxnv pxnv-addr icvt icvt-addr
flags: flags flag-desc

Reason:

This message is issued in response to the XNET DISPLAY command and provides system-wide Xnet messaging component information.

xmanid

Specifies the XMANID of the associated Xmanager address space (Xnet's XMANID parameter).

jobname

Specifies the jobname or started task name of the Xnet address space.

agent#

Specifies the number of currently active Agents.

dir#

Specifies the number of currently active Directors.

def#

Specifies the number of currently active Agent and Director definitions.

prgcd

Specifies the Xnet reason code if the Xnet system is currently purging for shutdown. A reason code of 0 indicates no purge condition. The reason code values are defined in the Xnet numeric codes.

ixn-addr

Specifies the address of the primary control block for Xnet's messaging component.

ascb-addr

Specifies the address of the z/OS ASCB for the Xnet address space.

asid

Specifies the z/OS ASID number of the Xnet address space.

tcb-addr

Specifies the address of the z/OS TCB for Xnet's messaging component main task.

itask-addr

Specifies the address of the Xnet task management block for Xnet's messaging component main task.

ipcb-addl

Specifies the address of the Xnet process management block for Xnet's messaging component main task.

sswa-addr

Specifies the address of the Xmanager SSWA for the associated Xmanager address space.

pxnv-addr

Specifies the address of the Xnet PXNV control block for cross-memory service management.

icvt-addr

Specifies the address of the primary vector table for the Xnet address space.

flags

Specifies the system-wide Xnet messaging component status flags.

flag-desc

Specifies the textual descriptions for system-wide status conditions indicated by the flags: conn, stop, cancel, term, trace, STOPxmgr, STOPagts, STOPdirs, dirdef, agtdef.

Action:

None. This message is informational.

Module:

ICMDXNT

Class:

Cmdresp

xntCMD702I

statistic-name.....value

Reason:

This message is logged in response to the XNET DISPLAY ALL command and follows message xntXNT701.

statistic-name

Specifies a descriptive label for a statistic (for example, "messages in" labels the total number of Xnet messages received and "Agent_Up" labels the total number of XnetReq Agent_Up calls that have been processed).

value

Specifies a decimal value.

Action:

None. This message is informational.

Module:

ICMDXNT

Class:

Cmdresp

xntCMD703I

**AGENT id *agt-id* as *asid* job *jobname* user *authid* csq *create#* dirs *dir#*
msgs in *msg#***

Reason:

This message is logged in response to the XNET DISPLAY ALL command and follows message(s) xntXNT702. The message provides a one-line summary for an active Agent and the message is repeated for each active Agent.

agt-id

Specifies the 1-16 character Agent ID string.

asid

Specifies the z/OS ASID number of the Agent's address space.

jobname

Specifies the z/OS jobname of the Agent's address space.

authid

Specifies the z/OS AUTHID of the Agent's address space.

create#

Specifies the creation sequence number assigned to this Agent instance.

dir#

Specifies the number of active Directors that are in-session with this Agent.

msg#

Specifies the total number of Xnet messages received by this Agent.

Action:

None. This message is informational.

Module:

ICMDXNT

Class:

Cmdresp

xntCMD704I

Xnet AGENT id *agt-id* csq *create#* dirs *dir#* xna *xna-addr* prgcd *reason*
asid *asid* ascb *ascb-addr* token *token*
jobname *jobname* stcname *stcname* userid *authid*
flags: *flags* *flag-desc*

Reason:

This message is logged in response to the XNET DISPLAY AGENT() command and provides detailed information about one active agent.

agt-id

Specifies the 1-16 character Agent ID string.

create#

Specifies the creation sequence number assigned to this Agent instance.

dir#

Specifies the number of active Directors that are in-session with this Agent.

xna-addr

Specifies the address of Xnet's XNA block for managing this Agent.

prgcd

Specifies the Xnet reason code if the Xnet system is currently purging this Agent. A reason code of 0 indicates no purge condition. The reason code values are defined in the Xnet numeric codes.

asid

Specifies the z/OS ASID number of the Agent's address space.

ascb

Specifies the address of the z/OS ASCB for the Agent's address space.

stoken

Specifies the z/OS STOKEN for the Agent's address space.

jobname

Specifies the z/OS jobname of the Agent's address space.

stcname

Specifies the z/OS started task name of the Agent's address space.

authid

Specifies the z/OS AUTHID of the Agent's address space.

flags

Specifies the Xnet messaging component status flags for this Agent.

flag-desc

Specifies the textual descriptions for status conditions indicated by the flags:
purging, internal-agent, rcv-active, incomplete, dir-notify.

Action:

None. This message is informational.

Module:

ICMDXNT

Class:

Cmdresp

xntCMD705I

agtinfo len *info-len* value (*info-string*)
created *hh:mm:ss:tht* *mm/dd/yyyy*
lastreq *hh:mm:ss:tht* *mm/dd/yyyy*
msgs in..... *msgin#*
bytes in..... *bytein#*
msgs out..... *msgout#*
bytes out..... *byteout#*
XnetReq..... *req#*
Dir total..... *dir#*

Reason:

This message is logged in response to the XNET DISPLAY AGENT()ALL command. It follows message xntXNT704 and provides additional information requested by the ALL operand.

info-len

Specifies the length of the agent information string (max. of 256 characters).

info-string

Specifies the agent information string provided by the agent when the Agent_Up call was made. This string is sent to directors in the AGENT-LIST reply. The information in this string can be used by a director to identify appropriate candidate agents for configuration and other functions.

hh:mm:ss.tht

Specifies the time (24 hour clock time) when the agent issued Agent_Up (for created) or the time when the agent last executed an Xnet API call (for lastreq).

mm/dd/yyyy

Specifies the date when the agent issued Agent_Up (for created) or the date when the agent last executed an Xnet API call (for lastreq).

msgs-in

Specifies the total number of Xnet messages received by this agent.

bytes-in

Specifies the total number of bytes received by this agent.

msgs-out

Specifies the total number of Xnet messages sent by this agent.

bytes-out

Specifies the total number of bytes sent by this agent.

XnetReq

Specifies the total number of Xnet API calls executed by this agent.

Dir-total

Specifies the total number of directors that have ever been in-session with this agent. This total includes directors that are currently in-session and directors that are no longer in-session.

Action:

None. This message is informational.

Module:

ICMDXNT

Class:

Cmdresp

xntCMD706I

DIRECTOR id *dir-id* usk *skt* task *taskname* csq *create#* msg# *msg#* prply *prply#* prcv *prcv#*

Reason:

This message is logged in response to the XNET DISPLAY ALL and XNET DISPLAY AGENT() ALL commands. The message provides a one-line summary for an active director-agent session. The message is repeated for each active session.

dir-id

Specifies the 1-16 character director ID string.

skt

Specifies the Xnet's socket descriptor (the user socket) for the director's TCP/IP connection.

taskname

Specifies the task name of the director-agent session task.

create#

Specifies the creation sequence number assigned to this director session instance.

msg#

Specifies the total number of Xnet messages sent by this director (the last Xnet message sequence number received).

prply#

Specifies the total number of Xnet messages sent by this director and which have been received by the agent but not yet replied to by the agent. A non-zero value might indicate that the agent has a problem.

prcv#

Specifies the total number of Xnet messages sent by this director but not yet received by the agent. A non-zero value might indicate that the agent has a problem.

Action:

None. This message is informational.

Module:

ICMDXNT

Class:

Cmdresp

xntCMD707I

**Xnet DIRECTOR id *dir-id* agt *agt-id* usk *usk* csq *create#* prgcd *reason*
xnd *xnd-addr* xna *xna-addr* itask *itask-addr* taskname
prply *prply#* prcv *prcv#* weq *weq-addr*
msg# *msg#* ntfy# *ntfy#* antfy# *antfy#*
flags: *flags* *flag-desc*
dirinfo len *info-len* value (*info-string*)**

Reason:

This message is logged in response to the XNET DISPLAY DIR() command and provides detailed information about one active director-agent session.

dir-id

Specifies the 1-16 character director ID string.

agt-id

Specifies the 1-16 character agent ID string.

The combination of the director's ID string and the agent's ID string uniquely identifies the director-agent session in this Xnet's network.

usk

Specifies Xnet's socket descriptor (the user socket) for the director's TCP/IP connection.

create#

Specifies the creation sequence number assigned to this director-agent session instance.

prgcd

Specifies the Xnet reason code if the Xnet system is currently purging this director-agent session. A reason code of 0 indicates no purge condition. The reason code values are defined in the Xnet numeric codes.

xnd-addr

Specifies the address of Xnet's XND block for managing this director-agent session.

xna-addr

Specifies the address of Xnet's XNA block for managing this agent.

itask-addr

Specifies the address of Xnet's task block for managing the session communications task.

taskname

Specifies the task name of the director-agent session task.

prply#

Specifies the total number of Xnet messages sent by this director and which have been received by the agent but not yet replied to by the agent. A non-zero value might indicate that the agent has a problem.

prcv#

Specifies the total number of Xnet messages sent by this director but not yet received by the agent. A non-zero value might indicate that the agent has a problem.

weq

Specifies the address of Xnet's work element queue for the session communications task.

msg#

Specifies the total number of Xnet messages sent by this director to the agent.

ntfy#

Specifies the total number of Xnet notify messages sent by this director to the agent.

antfy#

Specifies the total number of Xnet notify messages sent by the agent to this director.

flags

Specifies the Xnet messaging component status flags for this director-agent session.

flag-desc

Specifies the textual descriptions for session status conditions indicated by the flags: purging, dir-stop.

info-len

Specifies the length of the director's information string (max. of 256 characters).

info-string

Specifies the director information string provided by the director with the DIR-START message that created this director-agent session.

Action:

None. This message is informational.

Module:

ICMDXNT

Class:

Cmdresp

xntCMD708I

IP addr len *ip-len* value (*ip-addr*)
IP port len *port-len* value (*port-num*)
created *hh:mm:ss:tht* *mm/dd/yyyy*
lastmsg *hh:mm:ss:tht* *mm/dd/yyyy*
msgs in..... *msgin#*
bytes in..... *bytein#*
msgs out..... *msgout#*
bytes out..... *byteout#*

Reason:

This message is logged in response to the XNET DISPLAY DIR()ALL command. It follows message xntXNT707 and provides additional information about the session requested by the ALL operand.

ip-len

Specifies the length of the director's TCP/IP IP address string.

ip-addr

Specifies the director's TCP/IP IP address string. This is the IP address of the director's system.

port-len

Specifies the length of the director's TCP/IP port number string.

port-num

Specifies the director's TCP/IP port number string. This is the port number on the director's system that is associated with the director's stream socket connection for this session.

hh:mm:ss.tht

Specifies the time (24 hour clock time) when this director-agent session started (for created) or the time when the last Xnet message was received from the director on this session (for lastmsg).

mm/dd/yyyy

Specifies the date when this director-agent session started (for created) or the date when the last Xnet message was received from the director on this session (for lastmsg).

msgs-in

Specifies the total number of Xnet messages received from this director on the session.

bytes-in

Specifies the total number of bytes received from this director on the session.

msgs-out

Specifies the total number of Xnet messages sent by the agent to this director on the session.

bytes-out

Specifies the total number of bytes sent by the agent to this director on the session.

Action:

None. This message is informational.

Module:

ICMDXNT

Class:

Cmdresp

xntCMD710I

DEFINITION *type xnet-id-string xnp xnp-addr*

user ID len *id-len* value (*userid*)

IP addr len *ip-len* value (*ip-addr*)

IP port len *port-len* value (*port-num*)

created *hh:mm:ss:tht mm/dd/yyyy*

flags: *flags flag-desc*

Reason:

This message is logged in response to the XNET DISPLAY DEFINES command and provides detailed information about one director or agent definition. The message is repeated for each active definition.

type

Specifies the type of definition (agent or director).

xnet-id-string

Specifies the 1-16 character ID string of the agent or director to which these definitions apply.

xnp-addr

Specifies the address of Xnet's definition control block for this definition.

id-len

Specifies the length of the defined user ID string.

userid

Specifies the user ID definition string. A required z/OS user ID string can be defined for both agents and directors.

- For agents, if the z/OS AUTHID of the agent's address space does not match the defined string, the agent is not allowed to connect to the Xnet network (that is, the Agent_Up request will be rejected).
- For directors, DIR-START messages from the director to create Director-Agent sessions must provide the defined user ID string and the current z/OS password for the user ID. These credentials are authenticated by Xnet using the SAF interface to the active z/OS security subsystem. If the credentials cannot be authenticated, the session request will be rejected.

ip-len

Specifies the length of the defined TCP/IP IP address string.

ip-addr

Specifies the IP address definition string. The IP address can only be defined for a director. If the IP address associated with this director's connections does not match the defined string, the connections will be terminated.

port-len

Specifies the length of the defined TCP/IP port number string.

port-num

Specifies the port number definition string. The TCP/IP port number can only be defined for a director. If the director's port number does not match the defined string, the connections will be terminated.

hh:mm:ss.tht

Specifies the time (24 hour clock time) when this definition was created.

mm/dd/yyyy

Specifies the date when this definition was created.

flags

Specifies the Xnet messaging component status flags for this definition.

flag-desc

Specifies the textual descriptions for status conditions indicated by the flags: stop

Action:

None. This message is informational only.

Module:

ICMDXNT

Class:

Cmdresp

xntDRV001I

CA Xnet initialization in progress - Release n.nn

Reason:

This message is logged at the beginning of Xnet startup. The product release number indicates the Xnet software level.

Action:

None. This message is informational.

Class:

Sysinfo

xntDRV002I**CA Xnet initialization complete - Release n.nn****Reason:**

This message is logged when initialization is complete and Xnet is ready to accept work.

Action:

None. This message is informational.

Class:

Sysinfo

xntDRV003I**CA Xnet termination in progress****Reason:**

This message acknowledges the receipt of a STOP command and beginning of shutdown processing.

Action:

None. This message is informational.

Class:

Sysinfo

xntDRV004I**CA Xnet termination complete - Release n.nn****Reason:**

This message is logged when shutdown is complete, just before Xnet returns to z/OS to end the associated job step task.

Action:

None. This message is informational.

Class:

Sysinfo

xntDRV006E

Shared Resource Manager initialization failure, RC: *retcode*

Reason:

Xnet was unable to initialize Xnet's shared resource manager (SRM) task. The RC field contains the SRM initialization return code. Xnet begins an automatic shutdown.

Action:

Contact Technical Support for assistance.

Class:

Sysinfo

xntDRV009E

Server task initialization failed, RC: *retcode* RSN: *rsncode*

Reason:

This message indicates that the Xnet server tasks failed to initialize properly. The return and reason codes document the reason for the failure. Xnet begins an automatic shutdown.

Action:

Contact Technical Support for assistance.

Class:

Sysinfo

xntDRV010E

Task create failed for task: *taskname* RC: *nn* RSN: *nn*

Reason:

Xnet was unable to establish a task for one of its primary components. The RC and RSN fields contain the task manager return and reason codes respectively. Xnet begins an automatic shutdown.

Action:

Contact Technical Support for assistance.

Class:

Sysinfo

xntDRV011E

CA Xnet initialization failed, RC: *nn* RSN: *nn*

Reason:

A terminating error was encountered during Xnet initialization. Xnet begins an automatic shutdown.

Action:

Contact Technical Support for assistance.

Class:

Sysinfo

xntDRV015E

Error *nn* - reason-string in default startup options - entry *nn*

Reason:

A terminating error was encountered while processing the Xnet default parameter value table. The ERROR description includes an error number and a terse reason-string.

ENTRY identifies the default parameter value table entry in error.

Action:

Refer to xntDRV053E for a description of reason-string. Contact Technical Support for assistance.

Class:

Sysinfo

xntDRV016I

Manager task *taskname* has terminated
Task will be restarted

Reason:

The Xnet manager task identified by taskname is being restarted due to a previous abnormal termination of the task.

Action:

Contact Technical Support for assistance.

Class:

Sysinfo

xntDRV017I

Manager task *taskname* has terminated
Restart will not be attempted
Task is not non-persistent

Reason:

The Xnet manager task, identified by taskname, has terminated abnormally and no restart will be attempted for this task.

Action:

Contact Technical Support for assistance.

Class:

Sysinfo

xntDRV018I

Manager task *taskname* has terminated
Restart will not be attempted
Task has reached its restart threshold

Reason:

The Xnet manager task, identified by *taskname*, has terminated abnormally and no restart will be attempted for this task because allowed number of restarts for this task has already been reached.

Action:

Contact Technical Support for assistance.

Class:

Sysinfo

xntDRV019E

CA Xnet requires MVS/ESA level system

Reason:

This message is issued if Xnet is started on a system running a down-level operating system. Operating system services required for successful Xnet operation are not available. Xnet begins an automatic shutdown.

Action:

Contact Technical Support for assistance.

Class:

Sysinfo

xntDRV020E

Load failed for module: *module-name* Reason: *nn*

Reason:

A number of component modules are loaded into memory during initialization. This message is issued for a load module that cannot be successfully loaded. System initialization continues; however, Xnet operation may be compromised.

Action:

Determine the reason for the load failure (for example, a module accidentally deleted from the product library).

Class:

Sysinfo

xntDRV021E

Unable to load debugging interface module: *module-name*

Reason:

The debugging interface named is not available. System initialization continues.

Action:

Contact Technical Support for assistance.

Class:

Sysinfo

xntDRV022I

CA Xnet is running in privileged mode

Reason:

Xnet is running in an APF authorized address space. Xnet can work with external security packages that provide a SAF interface and Xnet can exploit VTAM fast-path.

Action:

None. This message is informational.

Class:

Sysinfo

xntDRV023I**CA Xnet is running in non-privileged mode****Reason:**

Xnet is running in a non-APF authorized address space. Xnet cannot work with external security packages that provide a SAF interface and Xnet cannot exploit VTAM fast-path. Xnet operation may be compromised.

Action:

Provide APF authorization for the product load libraries and then restart Xnet.

Class:

Sysinfo

xntDRV024E**CA Xnet requires APF authorization for this MVS/ESA Level****Reason:**

APF authorization is required for the Xnet address space in all levels of the MVS, OS/390 and z/OS operating systems.

Action:

Contact Technical Support for assistance.

Class:

Sysinfo

xntDRV025I**Parameter overrides provided during startup:****Reason:**

The PARM= operand of the EXEC JCL statement was used to provide system startup parameter overrides. Message xntDRV050I follows and logs an image of the PARM field.

Action:

None. This message is informational.

Class:

Sysinfo

xntDRV040I

Processing parameter file initparm

Reason:

An INITPARM data definition (DD) statement was included in the startup procedure and Xnet initialization is processing startup parameters from that data set.

Action:

None. This message is informational.

Class:

Sysinfo

xntDRV041E

Parameter file initparm could not be opened

Reason:

The data set designated in the INITPARM data definition (DD) statement could not be opened. Initialization continues.

Action:

Correct the parameter file error and restart Xnet.

Class:

Sysinfo

xntDRV042E

Parameter file initparm is not in proper format

Reason:

The DCB attributes of the data set defined by the INITPARM data definition (DD) statement do not conform to product requirements. Initialization continues.

Action:

Correct the parameter file error and restart Xnet.

Class:

Sysinfo

xntDRV043E**SYNADAF-*msg*****Reason:**

An I/O error was encountered while attempting to read the startup parameter file defined by the INITPARM data definition (DD) statement. Parameter file processing is aborted. Initialization continues. The message content is the SYNADAF error message provided by the z/OS I/O access method component.

Action:

Correct the parameter file error and restart Xnet.

Class:

Sysinfo

xntDRV044E**Parameter file processing terminated****Reason:**

This message is issued whenever processing of the startup parameter file was attempted but not completed. Any parameters successfully read from this file are retained.

Action:

Correct the parameter file error and restart Xnet.

Class:

Sysinfo

xntDRV045E**Parameter file processing bypassed****Reason:**

This message is issued whenever processing of the startup parameter file is bypassed. Parameter file processing does not occur.

Action:

Correct the parameter file error and restart Xnet.

Class:

Sysinfo

xntDRV050I

parm1, ..., parm#

Reason:

This message contains an image of a startup parameter string acquired from the PARM= field of the Xnet procedure EXEC statement or from the INITPARM startup parameter file.

Action:

None. This message is informational.

Class:

Sysinfo

xntDRV051E

parameter-error-information

Reason:

When a startup parameter string logged in a prior xntDRV050I message is found to be in error, this additional message is logged to highlight the particular parameter token found in error.

Action:

Correct the parameter error and restart Xnet.

Class:

Sysinfo

xntDRV052E

Parameter(s) rejected- *reason-for-rejection*

Reason:

A startup parameter string is invalid. Message xntDRV051E is often logged prior to this message to highlight the parameter token in error.

Action:

Refer to message xntCMD010E for a discussion of the various reason-for-rejection messages that might be presented.

Class:

Sysinfo

xntDRV053E**Invalid value provided for keyword - Reason: *reason-for-rejection*****Reason:**

A parameter value specified in a startup parameter is invalid. The keyword identifies the portion of the entry in error. The reason-for-rejection string gives a terse description of the reason for the error as follows:

keyword ID

Indicates that the keyword is not defined.

value size

Indicates that the size or length of a value string does not satisfy requirements.

data type

Indicates that a value string does not conform to the expected data type. For example, alpha characters were found in a value which is expected to be numeric.

definition

Indicates that there is an improperly defined keyword or value. Contact technical support.

unknown error encountered

Indicates that the error does not fall under one of the reason-for-rejection previously described. Contact technical support.

Action:

Correct the parameter error and restart Xnet.

Class:

Sysinfo

xntDRV071W

Storage cell pool functions disabled

Reason:

The Storage Management startup parameters are set to zero, and as a result, cell pools are not available to Xnet.

Action:

Refer to the STGINITIAL and STGEXPAND startup parameter descriptions for more information.

Class:

Sysinfo

xntDRV072W

Unable to acquire initial storage cell pool Amount requested *req* STORAGE service *retcode* *rsncode*

Reason:

The amount of cell pool storage requested by Xnet is not available. Xnet continues; however, its performance may be compromised.

Action:

Refer to the STGINITIAL and STGEXPAND startup parameter descriptions for more information.

Class:

Sysinfo

xntLOG001E

Log file file-name discarded because of conflicting or unsuitable attributes

Reason:

File-name is not suitably defined for use as a message log. Log task operation continues. File-name is discarded.

Action:

Investigate and attempt to resolve the cause of the logging failures.

Class:

Log

xntLOG002E

ABEND *abend-code* - *rsn* processing log file: *file-name*

Reason:

An error occurred while processing an I/O or end-of-volume operation with the log data set identified by *file-name*.

abend-code* - *rsn

Describes the type of ABEND encountered.

Log task operation continues with the next eligible log file. The log data set identified by *file-name* is discarded.

Action:

Investigate and attempt to resolve the cause of the logging failures.

Class:

Log

xntLOG003E

Log file attributes for *file-name* conflict with *model-file-name*

Reason:

The DCB attributes of the log data set identified by *file-name* are not consistent with the DCB attributes of the first eligible log data set found, which is identified by *model-file-name*. Log task operation continues. The candidate data set is discarded.

Action:

Investigate and attempt to resolve the cause of the logging failures.

Class:

Log

xntLOG005E

SYNADAF-*msg*

Reason:

This message is issued when an error occurs during log data set I/O processing. The message content is the SYNADAF error message provided by the z/OS I/O access method component.

Action:

Investigate and attempt to resolve the cause of the logging failures.

Class:

Log

xntLOG009E

Log file *file-name* removed from log file set

Reason:

The log data set identified by *file-name* will not be used in any future logging operations. This message is usually preceded by another message describing a log file failure or reason for ineligibility.

Action:

Investigate and attempt to resolve the cause of the logging failures.

Class:

Log

xntLOG026E

Unable to acquire LOG command from *taskname* \$COMACK RC: *retcode* RSN: *rsncode*

Reason:

The LOG command task was requested to execute an operator command, but was unable to acquire the command from the requester.

Action:

Contact Technical Support for assistance.

Class:

Log

xntLOG050I

Log inactive - no eligible log files

Reason:

All log data sets and candidate log data sets have been discarded due to ineligibility or I/O failures. Log task operation ends.

Action:

Investigate and attempt to resolve the cause of the logging failures.

Class:

Log

xntLOG051I

Log recording on file-name DSN: *datasetname* - *nnn* records

Reason:

A LOG command that includes the DISPLAY operand requests information about the status of the log task.

datasetname

Identifies the current log data set by data set name.

Its current record count is also given.

Action:

None. This message is informational.

Class:

Log

xntLOG052I

file-name DSN: *datasetname* recording ended

Reason:

A LOG command that includes the SWITCH operand requests that the log task terminate the use of the current log data set, close it, and resume logging on the next eligible log data set.

datasetname

Identifies the log dataset that was active at the time the LOG SWITCH command was processed.

Action:

None. This message is informational.

Class:

Log

xntLOG053I

Log now recording on file-name DSN: *datasetname*

Reason:

A LOG command that includes the SWITCH operand has completed. The newly selected log data set is identified by *datasetname*. The prior contents of the selected log data set are overwritten.

Action:

None. This message is informational.

Class:

Log

xntLOG054I

Log file-name DSN: *datasetname* flushed

Reason:

A LOG command that includes the FLUSH operand has completed. All messages received prior to the LOG FLUSH command are written to the active log data set as identified by *datasetname*. A temporary close has been issued against that data set, allowing it to be browsed with conventional file utilities, and so on.

Action:

None. This message is informational.

Class:

Log

xntMSG001W

Message class code invalid for: *msg-class (msg-code)*

Associated messages are assigned default properties

Reason:

A message definition error was encountered during system initialization. Initialization continues.

Action:

Contact Technical Support for assistance.

Class:

Sysinfo

xntMSG002W

Message class conflicts with prior definition for: *msg-class (msg-code)*
Associated messages are assigned default properties

Reason:

A message definition error was encountered during system initialization. Initialization continues.

Action:

Contact Technical Support for assistance.

Class:

Sysinfo

xntRCV001E

failure-title-line

Reason:

This message is logged whenever an unrecoverable program failure occurs. The failing program might provide a failure-title-line. If the failure was not explicitly scheduled by the program, the title presented is Unexpected program failure encountered.

Action:

Contact Technical Support for assistance.

Class:

Diagnostics

xntRCV008I**SVC dump suppressed - *reason*****Reason:**

The SVC dump was suppressed for one of the following reasons:

- Xnet is not APF authorized
- Xnet's SDUMP parameter limit would be exceeded.

Action:

None. This message is informational.

Class:

Diagnostics

xntRCV009I**SVC dump invoked RC: *retcode* RSN: *rsncode*****Reason:**

The SVC dump was issued with the resulting return code and reason code.

Action:

None. This message is informational.

Class:

Diagnostics

xntRCV010E**Indicative dump logged****Reason:**

This message is issued once all error information has been written to the log or other selected destination. The indicative dump consists of any of messages from xntRCV011E through xntRCV019E as well as a snapshot of the Xnet trace table at the time of error.

Action:

Contact Technical Support for assistance.

Class:

Diagnostics

xntRCV011E

LMOD: *lmod-name* **CSECT:** *csect-name* **Process:** *tasknm.procnm*
ADDR: *lmod-addr* **ADDR:** *csect-addr* **otype-Offset:** *offset*

Reason:

This message is the header of the indicative dump and describes the point of system failure, as follows. Any of the message fields depicted in the message might contain N/Avail if the information is not available.

lmod-name

Specifies the name of the failing load module.

lmod-addr

Specifies the load module origin address.

csect-name

Specifies the failing CSECT name if available.

csect-addr

Specifies the CSECT origin address if available.

tasknm.procnm

Specifies Xnet's task and process names of the failing workunit.

otype

Identifies the type of offset provided by offset. The offset is computed from the origin of the CSECT, if available. Otherwise it is computed from the origin of the load module. The otype is either CSECT or LMOD accordingly.

Action:

Contact Technical Support for assistance.

Class:

Diagnostics

xntRCV012E

PSW: xxxxxxxx xxxxxxxx **ABEND:** txxx-xxx **PIC:** xx **ILC:** n

Reason:

As part of Xnet's indicative dump, this message contains the PSW at time of error, the ABEND type, completion code, reason code, program interrupt code, and the instruction length code.

Action:

Contact Technical Support for assistance.

Class:

Diagnostics

xntRCV013E

Translation exception address: *address*

Reason:

The address given in this message line is that address value that caused a SOC4-type ABEND when the PIC codes are 10, 11, or 12. Otherwise, this address value is meaningless.

Action:

Contact Technical Support for assistance.

Class:

Diagnostics

xntRCV014E

Execution environment: {std | non-std | c}
ASC mode: {primary | ar | secondary | home}

Reason:

This message describes the work unit execution environment in effect when the program failure occurred. The product is usually running in its own standard (STD) environment, but occasionally invokes internal components and z/OS system and C-language services that operate outside of the Xnet standard environment. These are referred to as nonstandard (NON-STD) environments. C-language environments are a special case and are distinctly identified as such.

In the standard and C environments, the product normally runs in the primary z/Series address space control mode. However, other address space control modes may be employed in non-standard environments.

Action:

Contact Technical Support for assistance.

Class:

Diagnostics

xntRCV018E

GPRs	0-3	contents of general purpose registers 0 - 3
	4-7	contents of general purpose registers 4 - 7
	8-11	contents of general purpose registers 8 - 11
	12-15	contents of general purpose registers 12 - 15

Reason:

This four-line message documents the contents of the general purpose registers at the time of program failure.

Action:

Contact Technical Support for assistance.

Class:

Diagnostics

xntRCV019E

ARs **0-3** contents of access registers 0 - 3
4-7 contents of access registers 4 - 7
8-11 contents of access registers 8 - 11
12-15 contents of access registers 12 - 15

Reason:

This four-line message documents the contents of the access registers at the time of program failure, if the program was operating in primary address space control mode.

Action:

Refer to xntRCV018E.

Class:

Diagnostics

xntRCV020E

ITASK *taskname* terminating due to error

Reason:

The Xnet task (ITASK) identified by *taskname* cannot be recovered and is about to terminate.

Action:

Contact Technical Support for assistance.

Class:

Diagnostics

xntRCV021E

Process *taskname. proc-name* terminating due to error

Reason:

The Xnet process identified by *taskname* and *proc-name* cannot be recovered and is about to terminate.

Action:

Contact Technical Support for assistance.

Class:

Diagnostics

xntRCV022I

Process *taskname. proc-name* attempting recovery

Reason:

The Xnet process identified by *taskname* and *proc-name* failed, but recovery procedures have corrected the error.

Action:

None. This message is informational.

Class:

Diagnostics

xntSAF901I

External security is not active

Reason:

This message is logged during initialization to indicate that Xnet's extended security features are not active. This is a normal condition for the Xnet messaging system which does not use the extended security features. If Xnet is running with APF authorization, Xnet will still use the z/OS SAF interface to the active z/OS security subsystem to authenticate z/OS user credentials provided by directors in session start requests.

Action:

None. This message is informational.

Class:

AccessVio

xntSVC001E

module errortype: system_msg

Reason:

This message is logged when a z/OS I/O access method routine reports an error associated with an Xnet data set operation.

module

Specifies the name of the Xnet module in which the error was detected.

errortype

Specifies the access method type that was being used when the error occurred. Possible values are BPAM ERROR or BSAM ERROR.

system_msg

Specifies the SYNADAF message prepared by z/OS I/O access method routines.

Action:

Resolve the error.

Module:

ISVCRMEM, ISVCRSEQ

Class:

Diagnostics

xntSVC002E

OpenMVS HFS error: Function(*function*)

File(*filename*)

Return_value(*rtvalue*) Return_code(*rtncode*) Reason_code(*rsncode*)

Reason:

This message is logged when a z/OS UNIX System Services file routine reports an error associated with an Xnet Hierarchical File System (HFS) file operation.

function

Specifies the name of the HFS function that was being performed when the error occurred. Possible values for function are OPEN, READ, and CLOSE.

filename

Specifies the full path name of the HFS file for which the error occurred.

rtnvalue

Specifies the primary HFS function return value. A return value of -1 (xFFFFFFF) for the OPEN, READ and CLOSE functions indicates an error condition which is further described by the return code and reason code values.

rtncode

Specifies the HFS function return code that provides the specific reason for an error condition. The return code values are documented in IBM manuals.

rsncode

Specifies the HFS function reason code that elaborates on the circumstances of an error condition described by the preceding return code. The reason code values are documented in IBM manuals.

Action:

Resolve the error.

Module:

ISVCRHFS

Class:

Geninfo

xntSVC100I

From program: *logdata*

Reason:

This message is logged when an Xnet ISPI program executes the ISE_WRITE_LOG_DATA Server Support Function to write a message to the Xnet log file. An ISPI program can also generate this log message by leaving a non-null character string in the IECBLGDT field of the Extension Control Block when the program ends. If there is a non-null string at this location when the ISPI program ends, the string is logged.

program

Specifies the z/OS load module name of the ISPI program that requested logging.

logdata

Specifies the character string passed by the ISPI program to the logging function.

Reason:

None. This message is informational.

Module:

ITCPXISA, ISVCISSF

Class:

Geninfo

xntSVC801I

Snap addr (*address*) len (*length*) "*description*"

Reason:

This message is logged when an Xnet component calls the snap service to display a storage area, usually for diagnostic purposes. Message xntSVC801I logs the beginning address and the length of the storage to be displayed. This message is part of a multi-message snap display (see messages xntSVC802I and xntSVC803I).

address

Specifies the beginning address of the area to be snapped.

length

Specifies the length of the area to be snapped.

description

Specifies the descriptive text supplied by the caller of the snap service.

Reason:

None. This message is informational.

Module:

ISVCASNA

Class:

Geninfo

xntSVC802I

address [**offset**] *xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx* [*eee...*] [*aaa...*]

Reason:

This message is logged when an Xnet component calls the snap service to display a storage area, usually for diagnostic purposes. Message xntSVC802I displays up to 16 characters of information from a data buffer, control block, and so on. The display provides both an EBCDIC and an ASCII graphic interpretation of the raw data. The underscore character (" _ ") is substituted for space characters in the graphic interpretations to keep data aligned from line-to-line in the output displays. This message is part of a multi-message snap display.

address

Specifies the beginning address of the 16-byte area displayed by this message.

offset

Specifies the offset of the first byte of this area from the original beginning address of the snap request.

xxxxxxxx

Specifies the hexadecimal display of one word (4 bytes) of data, repeated up to 4 times.

eee...

Specifies the hexadecimal data interpreted as EBCDIC graphic characters.

aaa...

Specifies the hexadecimal data interpreted as ASCII graphic characters.

Action:

None. This message is informational.

Module:

ISVCASNA

Class:

Geninfo

xntSVC803I

address [offset1 to offset2] all zero

Reason:

This message is logged when an Xnet component calls the snap service to display a storage area, usually for diagnostic purposes. Message xntSVC803I is logged in place of one or more occurrences of message xntSVC802I in order to reduce the number of output lines when large areas of zeroed-out storage are being snapped. This message is part of a multi-message snap display.

address

Specifies the beginning address of the all zero storage area.

offset1

Specifies the offset of the first byte of the all zero storage area from the original beginning address of the snap request.

offset2

Specifies the offset of the last byte of the all zero storage area from the original beginning address of the snap request.

Action:

None. This message is informational.

Module:

ISVCASNA

Class:

Geninfo

xntTCP000I

TCP/IP testing *message-text*

Reason:

This message is issued by various routines to provide additional diagnostic information that will be logged when message class Tcptrace is active. For example, some modules may issue an xntTCP000I message before each socket API call to identify the call that is currently being executed.

message-text

Specifies the variable diagnostic message text.

Action:

None. This message is informational.

Module:

Various

Class:

Tcptrace

xntTCP001I

TCP/IP task initialization in progress

address space name = *jobname*

superserver port = *port-number*

maximum iucv paths = *max-paths*

maximum sockets per path = *max-skt-path*

maximum sockets available = *max-skt*

Reason:

This message is logged during initialization of Xnet's TCP task to document some basic information about Xnet's interface to the IBM TCP/IP address space.

jobname

Specifies the jobname or started task name of the IBM TCP/IP address space, as specified in the Xnet TCPNAME parameter.

port-number

Specifies the TCP/IP port number to which Directors should connect, as specified in the Xnet PORT parameter.

max-paths

Specifies the maximum number of active connections to the IBM TCP/IP address space.

max-skt-path

Specifies the maximum number of active sockets on a single IBM TCP/IP address space connection.

max-skt

Specifies the total number of active sockets that will be permitted in the Xnet system.

Action:

None. This message is informational.

Module:

ITCPMAIN

Class:

Sysinfo

xntTCP002I

TCP/IP user start - tub: *tub-address* entity: *token*

task: *taskname/task-address* proc: *procname/proc-address*

Reason:

This message is logged when an Xnet process begins using the sockets API. The process is the "user" of the API. The Xnet TCP/IP User Block, or TUB, is created for this process.

tub-address

Specifies the storage address of the TCP/IP User Block (TUB).

token

Specifies the work unit entity token of the process using the sockets API.

taskname

Specifies the name of the task that owns the process.

task-address

Specifies the address of the Xnet's task management block for the task.

procname

Specifies the name of the process that is using the sockets API.

proc-address

Specifies the address of Xnet's process block for that process.

Action:

None. This message is informational.

Module:

ITCPACSU

Class:

Geninfo

xntTCP003I**TCP/IP request posting failed**

epb: *epb-address* **work unit token:** *token* **post code:** *post-code*

reason: *failure-desc*

Reason:

This message is logged when an event block associated with a TCP/IP event cannot be posted.

epb-address

Specifies the storage address of the event block that could not be posted.

token

Specifies the work unit token of the process that owns the event block.

post-code

Specifies the completion code that was going to be posted.

failure-desc

Specifies text that gives a reason for the posting failure (for example, WORK UNIT TERMINATING).

Action:

None. This message is informational.

Module:

ITCPAPST

Class:

Geninfo

xntTCP004I

TCP/IP user end - tub: *tub-address* entity: *token*

task: *taskname/task-address* proc: *procname/proc-address*

Reason:

This message is logged when an Xnet process that has been using the sockets API ends.

tub-address

Specifies the storage address of the TCP/IP User Block (TUB).

token

Specifies the work unit entity token of the process that has begun using the sockets API.

taskname

Specifies the name of the task that owns the process.

task-address

Specifies the address of Xnet's task management block for the task.

procname

Specifies the name of the process that is using the sockets API.

proc-address

Specifies the address of Xnet's process management block for the process.

Action:

None. This message is informational.

Module:

ITCPUSMG

Class:

Geninfo

xntTCP005I

**TCP/IP socket start - tub: *tub-addr* usb: *usb-addr* entity: *token*
task: *taskname/task-addr* proc: *procname/proc-addr*
user-socket: *skt***

Reason:

This message is logged when a socket descriptor is allocated to an Xnet process. A socket is allocated by the accept, socket, socket_server, and takesocket calls.

tub-addr

Specifies the storage address of the TCP/IP User Block (TUB).

usb-addr

Specifies the storage address of the User Socket Block (USB).

token

Specifies the work unit entity token of the process that allocated the socket.

taskname

Specifies the name of the task that owns the process.

task-addr

Specifies the address of Xnet's task management block for the task.

procname

Specifies the name of the process that owns the socket.

proc-addr

Specifies the address of Xnet's process management block for the process.

skt

Specifies Xnet's socket descriptor (user socket).

Action:

None. This message is informational.

Module:

ITCPACUS

Class:

Geninfo

xntTCP006I

**TCP/IP socket end - tub: *tub-addr* usb: *usb-addr* entity: *token*
task: *taskname/task-addr* proc: *procname/proc-addr*
user-socket: *skt***

Reason:

This message is logged when an Xnet process ends ownership of a socket.

tub-addr

Specifies the storage address of the TCP/IP User Block (TUB).

usb-addr

Specifies the storage address of the User Socket Block (USB).

token

Specifies the work unit entity token of the process that owned the socket.

taskname

Specifies the name of the task that owns the process.

task-addr

Specifies the address of Xnet's task management block for the task.

procname

Specifies the name of the process that owns the socket.

proc-addr

Specifies the address of Xnet's process management block for the process.

skt

Specifies Xnet's socket descriptor (user socket).

Action:

None. This message is informational.

Module:

ITCPADUS

Class:

Geninfo

xntTCP007I

TCP/IP path start - pab: *pab-addr* subtaskid: *subtaskid* pathid: *pathid* maxsocket: *max-skt* msglim: *max-reqs* apicode: *api-type*

Reason:

This message is logged when Xnet activates a connection to IBM's TCP/IP address space.

pab-addr

Specifies the storage address of the Xnet's Path Block (PAB) for this connection.

subtaskid

Specifies the unique name that identifies the connection.

pathid

Specifies the identification number assigned to this connection path.

max-skt

Specifies the maximum number of concurrent sockets allowed on this connection. The value is shown in both hexadecimal and decimal (hhhh/dddd).

max-reqs

Specifies the maximum number of active TCP/IP API requests on this connection.
The value is shown in both hexadecimal and decimal (hhhh/ddd).

api-type

Specifies an integer value that identifies the API type to IBM's TCP/IP.

Action:

None. This message is informational.

Module:

ITCPASTP

Class:

Sysinfo

xntTCP008I

**TCP/IP path stop - pab: *pab-addr* subtaskid: *subtaskid* pathid: *pathid*
iucv sends.....*sent-count* #queued.....*queued-count***

Reason:

This message is logged when Xnet deactivates a connection to IBM's TCP/IP address space.

pab-addr

Specifies the storage address of the Xnet's Path Block (PAB) for this connection.

subtaskid

Specifies the unique name that identifies the connection.

pathid

Specifies the identification number assigned to this connection path.

sent-count

Specifies the number of TCP/IP API requests issued over this path.

queued-count

Specifies the number of TCP/IP API requests queued temporarily because the maximum requests value for this connection had been reached.

Action:

None. This message is informational.

Module:

ITCPARTP

Class:

Sysinfo

xntTCP009I

TCP/IP event complete - pathid: *pathid* socket: *path-skt* entity: *token* user_socket: *skt* address_family: *family* port: *port* host: *host-address*

Reason:

This message is logged when an event that changes the ownership of a socket descriptor completes. A socket may be passed from process-to-process within Xnet, especially during the initial connection processing phase.

event

Specifies the name of the event that has completed (for example, ACCEPT, BIND, etc.).

pathid

Specifies the unique ID number of the connection path assigned to this socket.

path-skt

Specifies the socket descriptor used by IBM's TCP/IP product.

token

Specifies Xnet's work unit entity token for the process that owns the socket.

skt

Specifies Xnet's socket descriptor (user socket).

family

Specifies the addressing family associated with the connection.

port

Specifies the TCP/IP port at the remote host.

host-address

Specifies the TCP/IP address of the remote host.

Action:

Review these messages when a problem is being diagnosed to see the association between Xnet's socket descriptor (sometimes referred to as the user socket descriptor), the combination of the pathid and path-skt (the socket as it is known by IBM's TCP/IP address space), and the Xnet work unit that currently owns the socket.

Module:

ITCPNACC, ITCPNBIN, ITCPNCLO, ITCPNCON, ITCPNSOC, ITCPNTAK

Class:

Geninfo

xntTCP010I

**TCP/IP event complete - ID: pathid socket: *pskt* entity: *token* user_socket: *skt*
address_family: *family* port: *port* host: *host*
msgs in.....*in-msg-count* bytes in...*in-char-count*
msgs out....*out-msg-count* bytes out...*out-char-count***

Reason:

This message is logged when an event that changes the ownership of a socket descriptor completes.

event

Specifies the name of the event that has completed (for example, ACCEPT, BIND, etc.).

ID

Specifies the unique ID number of the connection path assigned to this socket.

pskt

Specifies the socket descriptor used by IBM's TCP/IP product.

token

Specifies the Xnet work unit entity token for the process that owns the socket.

skt

Specifies Xnet's socket descriptor (user socket).

family

Specifies the addressing family associated with the connection.

port

Specifies the TCP/IP port at the remote host.

host

Specifies the TCP/IP address of the remote host.

in-msg-count

Specifies the number of messages received over this socket.

in-char-count

Specifies the number of characters received over this socket.

out-msg-count

Specifies the number of messages sent over this socket.

out-char-count

Specifies the number of characters sent over this socket.

Action:

When a problem is being diagnosed, these messages make it possible to see the association between Xnet's socket descriptor (sometimes referred to as the user socket descriptor), the combination of the pathid and path-skt (the socket as it is known by IBM's TCP/IP address space), and the Xnet work unit that currently owns the socket. This message is identical to message xntTCP009I, with the addition of socket statistics.

Module:

ITCPAKSK

Class:

Geninfo

xntTCP011I

TCP/IP HPNS INITAPI complete - retcode(*rcvalue*) errno(*errnovalue*)

Reason:

This message is logged when Xnet completes the INITAPI to initialize the interface with the IBM TCP/IP address space. A return code value (retcode) other than zero indicates that the interface was not successfully initialized and TCP/IP communications will not be possible.

rcvalue

Specifies the return code value from the IBM TCP/IP Macro API "INITAPI" call.

errnovalue

Provides a more specific indication regarding the cause of the error when the return code value is negative 1. The errno values are documented in IBM's application programming manuals for TCP/IP sockets. If Xnet was unable to initialize the interface during start-up and the problem causing the failure has since been resolved, you can either shut down and restart Xnet, or issue the Xnet TCP START CONNECTION command to re-establish the interface.

Action:

Review the return code value.

Module:

ITCPASTP

Class:

Sysinfo

xntTCP012I

TCP/IP HPNS TERMAPI complete

Reason:

This message is issued when Xnet completes the TERMAPI call to disconnect the interface with the IBM TCP/IP address space.

Action:

When TERMAPI is completed, no further communication using IBM TCP/IP is possible until you re-establish the interface. The interface can be re-established by the Xnet TCP START CONNECTION command, or by shutting down and restarting Xnet.

Module:

ITCPMAIN, ITCPASPP

Class:

Sysinfo

xntTCP015I

**TCP/IP socket start - tub: *tub-addr* usb: *usb-addr* entity: *token*
task: *taskname/task-addr* proc: *procname/proc-addr* user-socket: *skt***

Reason:

This message is logged when a socket descriptor is allocated to an Xnet process. A socket is allocated by the accept, socket, socket_server, and takesocket calls. This message is identical to message xntTCP005I except that it is only used to log sockets as they are allocated to the main listener process. This message is assigned to the trace class to reduce the normal logging activity as a new socket passes through the main listener process and on to a process that will manage send and receive activity. The socket allocations for the main listener will only be logged when message class T (TCP trace) is active.

tub-addr

Specifies the storage address of the TCP/IP User Block (TUB).

usb-addr

Specifies the storage address of the User Socket Block (USB).

token

Specifies the work unit entity token of the process that allocated the socket.

taskname

Specifies the name of the task that owns the process.

task-addr

Specifies the address of Xnet's task management block for the task.

procname

Specifies the name of the process that owns the socket.

proc-addr

Specifies the address of Xnet's process management block for the process.

skt

Specifies Xnet's socket descriptor (user socket).

Action:

None. This message is informational.

Module:

ITCPACUS

Class:

Trace

xntTCP016I

TCP/IP socket starting - user-socket: *skt*

Reason:

This message is logged when a socket descriptor is allocated to the secondary listener process. Each socket passes through a secondary listener that determines the actual process type that should drive the send and receive activity. This message is a very abbreviated form of message xntTCP005I that provides minimal tracking of the socket transition to reduce the overall logging activity as a new socket is moved to the process that will manage send and receive activity. A complete xntTCP005I message is logged when the socket is allocated to its send and receive processor.

skt

Specifies Xnet's socket descriptor (user socket).

Action:

None. This message is informational.

Module:

ITCPACUS

Class:

Trace

xntTCP501I

Skcall *call name usk skt psk pth-skt air airaddr rq rqaddr prm prmaddr*
rc *retcode err errno*

Reason:

This message is issued, when message class Q (Socktrace) is active, to log the occurrence of an API call from Xnet to the IBM TCP/IP product.

- *call* (call function code)
- *name* (call function name)
- *skt* (Xnet's socket descriptor (user socket))
- *pth-skt* (connection (path) ID number and IBM's socket descriptor)
- *airaddr* (Xnet's request block address (AIR))
- *rqaddr* (TCP/IP's request area address)
- *prmaddr* (Xnet's parm value for CANCEL requests)

- retcode (return code from IBM TCP/IP when API routine returns to Xnet)
- errno (ERRNO value from IBM TCP/IP when API routine returns to Xnet)

Action:

When tracing is active, each Xnet TCP/IP API call is logged with this one-line trace message.

Module:

ITCPAUIC

Class:

Socktrace (Q)

xntTCP502I

***Skint call nme usck usck psk pth-sck air airaddr rq rqaddr prm prmaddr
rc retcode err errno***

Reason:

This message is issued, when message class Q (Socktrace) is active, to log an interrupt from the IBM TCP/IP product.

- call (call function code)
- nme (call function name)
- usck (Xnet's socket descriptor (user socket))
- pth-sck (connection (path) ID number and IBM's socket descriptor)
- airaddr (Xnet's request block address (AIR))
- rqaddr (TCP/IP's request area address)
- prmaddr (Xnet's parm value for CANCEL requests)

- retcode (return code from IBM TCP/IP when call completion interrupt occurs)
- errno (ERRNO value from IBM TCP/IP when call completion interrupt occurs)

Action:

When tracing is active, each entry to Xnet's TCP/IP asynchronous exit (the IBM TCP/IP product schedules this exit when the call is complete) logs this one-line trace message to record the event.

Module:

ITCPNEIR

Class:

Socktrace (Q)

xntTCP801I

label+offset: xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx [eeeeeeee...] [aaaaaaaa...]

Reason:

This diagnostic message is logged when message class TCPTRACE has been activated for gathering problem determination data. It is used to display up to 16 characters of information from a data buffer, control block, and so on. The display provides both an EBCDIC and an ASCII graphic interpretation of the raw data. The underscore character (" _ ") is substituted for space characters in the graphic interpretations to keep data aligned from line-to-line in the output displays.

label

Specifies a descriptive label of the storage area being displayed.

offset

Specifies the relative offset into the storage area where the current line of data begins.

xxxxxxx

Specifies the hexadecimal display of one word (4 bytes) of data, repeated up to 4 times.

eeeeeeee...

Specifies the hexadecimal data interpreted as EBCDIC graphic characters.

aaaaaaaa...

Specifies the hexadecimal data interpreted as ASCII graphic characters.

Action:

None. This message is informational.

Module:

ITCPATRI, ITCPATRQ

Class:

Tcptrace

xntTCP802I

label+offset1-offset2: all zero

Reason:

This diagnostic message is logged when message class TCPTRACE has been activated for gathering problem determination data. It is used to indicate that the data area being displayed contains all zeros.

label

Provides a descriptive label of the storage area being displayed.

offset1

Specifies the relative offset into the storage area where the all-zero data begins.

offset2

Specifies the relative offset into the storage area where the all-zero data ends.

Action:

None. This message is informational.

Module:

ITCPATRI, ITCPATRQ

Class:

Tcptrace

xntTCP803I

TCP/IP connect start: *desc*
air air-addr rc return-code
ippathid pathid ipflags1 flags iprcode iprcode
ipmsglim max-reqs ipvmid vmid ipuser user-data

Reason:

This message is logged when an IUCV call is issued to establish a path to the IBM TCP/IP address space.

desc

Provides an optional descriptive text for the trace point.

air-addr

Specifies the address of Xnet's request block for the connect request.

return-code

Specifies the return code from the IUCV connect API call.

pathid

Specifies the unique ID number of the IUCV path.

flags

Specifies flag bits from the IPARML data area.

iprcode

Specifies the response code from the IUCV connect API call.

max-reqs

Specifies the maximum number of IUCV requests allowed on this IUCV path.

vmid

Specifies the IUCV virtual machine ID that is the target of the connect. This should be the name of the IBM TCP/IP address space.

user-data

Specifies the user data to be passed to the target of the connect. This data is not used and should be all zero.

Action:

If return-code and/or iprcode are non-zero, an error has occurred. Otherwise, completion of the request will be indicated by message xntTCP809I and the associated connection complete interrupt.

Module:

ITCPATRQ

Class:

Geninfo

xntTCP804I

TCP/IP sever complete: *desc*

air air-addr rc return-code

ipathid pathid ipflags1 flags iprcode iprcode

ipuser user-data

Reason:

This message is logged when an IUCV call is issued to disconnect a path to the IBM TCP/IP address space.

desc

Specifies an optional descriptive text for the trace point.

air-addr

Specifies the address of Xnet's request block for the sever call.

return-code

Specifies the return code of the IUCV sever operation.

pathid

Specifies the unique ID number of the IUCV path.

flags

Specifies the flag bits from the IPARML data area.

iprcode

Specifies the response code from the IUCV sever operation.

user-data

Specifies the user data to be passed to the target of the sever.

Action:

This message is informational. If return code and/or iprcode are non-zero, an error has occurred.

Module:

ITCPATRQ

Class:

Geninfo

xntTCP805I

TCP/IP iucvmini set complete: *desc*

air air-addr rc return-code

iucvp1p ptr1 iucvp2p ptr2 iucvp3p ptr3 iucvp4p ptr4

iucvp1 parm1 iucvp2 parm2 iucvp3 parm3 iucvp4 parm4

iucvdbfr buffer-addr iucvpcn pc-number

Reason:

This message is logged when an IUCV call is issued to connect Xnet from the VMCF address space (the IBM address space that simulates IUCV communications).

desc

Specifies an optional descriptive text for the trace point.

air-addr

Specifies the address of Xnet's request block for the call.

return-code

Specifies the return code of the IUCV operation.

ptr1 - ptr4

Specifies the parm word pointers.

parm1 - parm4

Specifies the parm words.

buffer-addr

Specifies the data buffer address.

pc-number

Specifies the program call number used for the operation.

Action:

This message is informational.

Module:

ITCPATRQ

xntTCP806I

TCP/IP iucvmini clr complete: *desc*

air air-addr rc return-code

iucvp1p ptr iucvp2p ptr iucvp3p ptr iucvp4p ptr

iucvp1 parm iucvp2 parm iucvp3 parm iucvp4 parm

iucvdbfr buffer-addr iucvpcn pc-number

Reason:

This message is logged when an IUCV call is issued to disconnect Xnet from the VMCF address space (the IBM address space that simulates IUCV communications).

desc

Specifies an optional descriptive text for the trace point.

air-addr

Specifies the address of Xnet's request block for the clr call.

return-code

Specifies the return code of the IUCV clr operation.

ptr

Specifies the parm word pointers.

parm

Specifies the parm words.

buffer-addr

Specifies the data buffer address.

pc-number

Specifies the program call number used for the operation.

Action:

If return-code is non-zero, an error has occurred.

Module:

ITCPATRQ

Class:

Geninfo

xntTCP807E

**TCP/IP *unexpected api function* *description* api=*call-type*
air *air-addr* rc *return-code* function *function-code***

Reason:

This message is logged when an IUCV call is issued and the parameter areas associated with the call have been corrupted.

description

Specifies an optional trace point descriptive text.

call-type

Specifies either IUCVMINI or IUCVMCOM to identify the type of IUCV call that failed.

air-addr

Specifies the address of Xnet's request block used for the call.

return-code

Specifies the return code for the request.

function-code

Specifies the function code that could not be interpreted (displayed in hexadecimal).

Action:

Resolve the error using the information provided in the message.

Module:

ITCPATRQ

Class:

Geninfo

xntTCP808E

TCP/IP *unexpected iucv interrupt* *desc*
air air-addr iptype iptype

Reason:

This message is logged when an IUCV interrupt is received and the interrupt type is not understood by Xnet.

desc

Specifies an optional trace point descriptive text.

air-addr

Specifies the address of Xnet's request block used for the interrupt request.

iptype

Specifies the IUCV interrupt type code in hexadecimal.

Action:

Resolve the error using the information provided in the message.

Module:

ITCPATRI

Class:

Geninfo

xntTCP809I

TCP/IP connection complete interrupt: *desc*
air air-addr
ippathid pathid ipflags1 flags iptype iptype
ipmsglim max-requests ipvmid vmid ipuser user-data

Reason:

This message is logged when an IUCV interrupt is received in response to an IUCV connect request.

desc

Specifies an optional trace point descriptive text.

air-addr

Specifies the address of Xnet's request block used for the connect request.

pathid

Specifies the unique ID number of the IUCV path.

flags

Specifies the flag bits from the IPARML data area.

lptype

Specifies the IUCV interrupt type code for connection complete.

max-requests

Specifies the maximum number of concurrent IUCV requests permitted on this IUCV path.

vmid

Specifies the IUCV virtual machine ID that was the target of the connection.

user-data

Specifies the user data passed to the target of the connection.

Action:

This message is informational.

Module:

ITCPATRI

Class:

Geninfo

xntTCP810I

TCP/IP send complete interrupt: *desc func=function-name*
air air-addr ipaudit1 audit ippathid pathid socket path-skt
ipmsgtag msg-tag ipmsgid msg-ID iprmmsg1 parm iprmmsg2 parm

Reason:

This message is logged when message class TCPTRACE is active and an IUCV send operation is completed.

desc

Specifies an optional trace point descriptive text.

function-name

Specifies the name of TCP/IP function being requested by this send (for example, SOCKET, BIND, etc.).

air-addr

Specifies the address of Xnet's request block used for the request.

audit

Specifies the audit flags used to indicate specific errors.

pathid

Specifies the unique ID number of the IUCV path.

path-skt

Specifies the IBM's socket descriptor.

msg-tag

Specifies the tag assigned by Xnet and used to identify the reason for the interrupt.

msg-ID

Specifies the message ID number assigned to the request by IUCV

parm

Specifies the parm word from the IPARML.

Action:

This message is informational. This message is logically continued by messages xntTCP811I, xntTCP812I, and xntTCP813I. If the audit field is non-zero, an error has occurred.

Module:

ITCPATRI

Class:

Tcptrace

xntTCP811I

usocket *skt* ipflags1 *flags* iptype *iptype* ipbfln2f *length*

Reason:

This message is logged when message class TCPTRACE is active and an IUCV send operation is completed.

skt

Specifies Xnet's socket descriptor (user socket).

flags

Specifies the flag bits from the IPARML data area.

iptype

Specifies the IUCV interrupt type code for a send complete interrupt.

length

Specifies the length remaining in reply buffer area.

Reason:

This message is informational. This message follows message xntTCP810I and is logically continued by messages xntTCP812I and xntTCP813I.

Module:

ITCPATRI

Class:

Tcptrace

xntTCP812I

request buffer=*bfr-addr* length=*bfr-length* length-used=*used-length*

Reason:

This message is logged when message class TCPTRACE is active and an API request is completed. This message follows messages xntTCP810I and xntTCP811I and is logically continued by message xntTCP813I. This message identifies the request data that was sent to TCP/IP.

bfr-addr

Specifies the address of the reply buffer list.

bfr-length

Specifies the total length of the buffer area(s) provided by buffer(s) identified in buffer list.

used-length

Specifies the length of the buffer area(s) actually used by IBM TCP/IP during processing of the reply.

Action:

This message is informational. This message is immediately followed by message xntTCP801I, which is used to display the actual request data that was in the buffer.

Module:

ITCPATRI

Class:

Tcptrace

xntTCP813I

reply buffer=*bfr-addr* length=*bfr-length* length-used=*used-length*

Reason:

This message is logged when message class TCPTRACE is active and an API request is completed. This message follows messages xntTCP810I, xntTCP811I, and xntTCP812I. This message identifies the reply data that was received from TCP/IP.

bfr-addr

Specifies the address of the reply buffer list.

bfr-length

Specifies the total length of the buffer area(s) provided by buffer(s) identified in buffer list.

used-length

Specifies the length of the buffer area(s) actually used by IBM TCP/IP during processing of the reply.

Action:

This message is informational. This message is immediately followed by message xntTCP801I, which is used to display the actual reply data that was in the buffer.

Module:

ITCPATRI

Class:

Tcptrace

xntTCP814I

TCP/IP send start: *desc* func=*function*

air air-addr* rc *return-code* ippathid *pathid* socket *path-skt

ipmsgtag msg-tag* ipmsgid *msg-ID* iprcode *iprcode* iptrgcls *targ-class

Reason:

This message is logged when an IUCV call is issued to send a request to the IBM TCP/IP address space.

desc

Specifies an optional descriptive text for the trace point.

function

Specifies the name of TCP/IP function being requested (for example, SOCKET, BIND, etc.).

air-addr

Specifies the address of Xnet's request block used for the request.

return-code

Specifies the return code of the IUCV send operation.

pathid

Specifies the unique ID number of the IUCV path.

path-skt

Specifies the IBM's socket descriptor.

msg-tag

Specifies the tag assigned by Xnet and used to identify the request when a send complete interrupt occurs.

msg-ID

Specifies the message ID number assigned to the request by IUCV.

iprcode

Specifies the response code from the IUCV send operation.

targ-class

Specifies the target class, which varies. Usually the function code is in the high order half word and the path-socket-descriptor is in the low order half word.

Action:

If the return-code and/or iprcode are non-zero, an error has occurred. Otherwise, completion of the send request will be indicated by a send complete interrupt (see message xntTCP810I. Message xntTCP815I logically follows this message.

Module:

ITCPATRQ

Class:

Tcptrace

xntTCP815I

ipbfadr1 *bfr-addr1* **ipbfln1f** *length1* **ipbfadr2** *bfr-addr2* **ipbfln2f** *length2*
usocket *skt* **ipflags1** *flags*

Reason:

This message is logged when an IUCV call is issued to send a request to the TCP/IP for MVS address space. Message xntTCP814I precedes this message.

bfr-addr1

Specifies the storage address of the buffer list for request data.

length1

Specifies the total length of the buffer area(s) containing request data.

bfr-addr2

Specifies the storage address of the buffer list for reply data.

length2

Specifies the total length of the buffer area(s) for receiving reply data.

skt

Specifies Xnet's socket descriptor (user socket).

flags

Specifies flag bits from the IPARML data area.

Action:

None. This message is informational.

Module:

ITCPATRQ

Class:

Tcptrace

xntTCP816I

TCP/IP connection severed interrupt: *description* *air* *air-addr*
ippathid *pathid* *iptype* *iptype* *ipuser* *user-data*

Reason:

This message is logged when an IUCV interrupt is received indicating that the IUCV connection has been severed by IBM TCP/IP. All sockets assigned to this path are no longer usable.

description

Specifies an optional descriptive text for the trace point.

air-addr

Specifies an address of Xnet's request block used with the connection severed interrupt.

pathid

Specifies the unique ID number of the IUCV path that was severed.

iptype

Specifies the IUCV interrupt type code for connection severed.

user-data

Specifies user data to be passed to the target of the connection severed interrupt.

Action:

None. This message is informational.

Module:

ITCPATRI

Class:

Geninfo

xntTCP817I

**TCP/IP HPNS call: func(*function*) usocket(*skt*) initrc(*rc*)
air(*address*) pathid(*path#*) socket(*pathsocket#*)**

Reason:

If TCP/IP tracing is active, this message is logged when Xnet has issued an HPNS Macro API call to present a request to the TCP/IP address space. If the *rc* is non-zero, an error has occurred and the request is considered complete with error.

function

Specifies the name of the socket function being requested.

skt

Specifies Xnet's socket descriptor (user socket).

rc

Specifies the initial return code from the Macro API "EZASMI" call.

address

Specifies Xnet's request block address (AIR).

path#

Specifies Xnet's unique ID number for the INITAPI connection to the IBM TCP/IP address space.

pathsocket#

Specifies IBM's socket descriptor.

Action:

If the *rc* is zero, the request has been accepted by TCP/IP and the completion of the request will be indicated when the associated exit routine is driven by TCP/IP. At that time, message xntTCP818I will be logged to show the result of the request.

Module:

ITCPATRQ

Class:

Tcptrace

xntTCP818I

**TCP/IP HPNS exit: func(*function*) usocket(*skt*) funcrc(*functionrc*) errno(*functionerr*)
air(*address*) pathid(*path#*) socket(*pathsocket#*)**

Reason:

If TCP/IP tracing is active, this message is logged when the TCP/IP address space has completed processing for a Macro API request (see message xntTCP817I), and has driven the Xnet exit routine to signal completion of the request. This message is logically continued by messages xntTCP812I and xntTCP813I.

function

Specifies the name of the socket function that has completed.

skt

Specifies Xnet's socket descriptor (user socket).

functionrc

Specifies the final return code indicating the results of the socket function request.

functionerr

Provides a more specific indication regarding the cause of the error when the functionrc value is negative 1.

address

Specifies Xnet's request block address (AIR).

path#

Specifies Xnet's unique ID number for the INITAPI connection to the IBM TCP/IP address space.

pathsocket#

Specifies IBM's socket descriptor.

Action:

None. This message is informational.

Module:

ITCPATRI

Class:

Tcptrace

xntTCP819I

TCP/IP HPNS special exit: reason(*reason*) token(*token*) parm(*parm*)

Reason:

If TCP/IP tracing is active, this message is logged when TCP/IP drives the Xnet Macro API asynchronous event exit, or the Xnet unsolicited event exit, with a non-zero invocation reason code. A zero invocation reason code indicates the exit is driven for normal completion of a Macro API request, and that event is reported by message xntTCP818I.

reason

Specifies a value that indicates the reason why the exit was driven.

- 1 = TCPEND (indicates the TCP/IP address space is shutting down)
- 2 = TCPCONEND (indicates that connectivity established by INITAPI is ended)
- 3 = TCP/IP detected a failure in one of the Xnet Macro API exit routines.
- 4 = "other" (call the IBM support center)

token

Identifies a token value specified by Xnet when the INITAPI was issued to establish the interface with IBM TCP/IP. The token is the address of the Xnet ITC control block and this token is presented to Xnet's Macro API exit routines whenever they are invoked by TCP/IP.

parm

Identifies a parameter value specified by Xnet when presenting a Macro API request to TCP/IP. The parm value is typically the address of Xnet's request management block (AIR) for the Macro API request.

Action:

Review the message parameter values.

Module:

ITCPATRI

Class:

Tcptrace

xntTCP900E

Listener error: *message-text*

Reason:

This message is logged by the SuperServer routines to record a serious error. Normally this indicates that the Xnet listener will begin error recovery processing in an attempt to restart the listening process. If error recovery is not possible, the listener will shut down and it will not be possible for directors to connect to Xnet until the listener is restarted.

message-text

Specifies variable diagnostic message text.

Action:

Restart the SuperServer process to re-activate the Xnet listener. Refer to the discussion of the TCP START APPLICATION command.

Module:

ITCPSSRV, ITCPSRCV

Class:

Geninfo

xntTCP901I

Listener: *message-text*

Reason:

This message may be logged by various routines to provide additional diagnostic information.

message-text

Specifies variable diagnostic message text.

Action:

None. This message is informational.

Module:

Various

Class:

Trace

xntTCP902I

Listener: *message-text*

Reason:

This message is logged by various TCP/IP listener routines to provide additional diagnostic information about the operation of the listener process. These messages are class G (Geninfo) and appear only on the Xnet log file.

message-text

Specifies variable diagnostic message text.

Action:

None. This message is informational.

Module:

Various

Class:

Geninfo

xntTCP904I

Listener: *message-text*

Reason:

This message may be logged by various TCP/IP listener routines to provide additional information about the operation of the listener process. These messages are class S (Sysinfo) and appear on both the SYSLOG/JOBLOG data sets and the Xnet log file. During startup of a listener, this message is used to log the TCP/IP address and TCP/IP port number that has been successfully bound. This message is sent to SYSLOG/JOBLOG to provide easy confirmation during Xnet startup that the listener is active and ready to accept connections on the configured Xnet listening port number.

message-text

Specifies variable message text.

Action:

None. This message is informational.

Module:

Various

Class:

Sysinfo

Example:

xntTCP904I Listener: PXNWTSS host address ::0 and port nnnn will be used.

xntTCP995E

TCP/IP unknown work element *addr* task *task-addr*

proc proc-addr* for *taskname

itwid we-ID itwlen length

itwlink next-itw itwcode we-code

Reason:

This message is logged when an unknown work element is found on the work queue of Xnet's TCP/IP main task.

addr

Specifies the address of the unknown work element control block.

task-addr

Specifies the address of Xnet's task management block.

proc-addr

Specifies the address of Xnet's process management block.

taskname

Specifies Xnet's task name.

we-id

Specifies ID (eye catcher) characters from the unknown work element.

length

Specifies the length of the unknown work element.

next-itw

Specifies the link address to the next work element in the queue.

we-code

Specifies the work element code that could not be identified.

Action:

The work element is discarded and the system continues normal operation.

Module:

ITCPMAIN

Class:

Geninfo

xntTCP996I

TCP/IP task initialization bypassed - parameter TCPNAME not specified

Reason:

This message is logged during initialization to document that the TCP/IP component is not being initialized. Xnet messaging requires the services of the TCP/IP component. The TCPNAME parameter is included in the EXEC statement PARM field of the Xnet JCL procedure and the value for the parameter is obtained from the TCPNAME symbolic parameter on the PROC statement of the JCL procedure.

Action:

Make sure the TCPNAME symbolic parameter is specified correctly in the JCL, and then stop and restart Xnet.

Module:

ITCPMAIN

Class:

Sysinfo

xntTCP997I

TCP/IP task cancel requested

Reason:

This message is logged to document that the TCP/IP main task has received a task cancel request. A cancel of the TCP/IP main task should only be requested under exceptional circumstances, usually at the direction of technical support.

Action:

The TCP/IP main task begins termination processing which includes termination of the connection to IBM's TCP/IP address space and termination of all active socket connections. Xnet must be stopped and restarted to restore the TCP/IP component.

Module:

ITCPMAIN

Class:

Sysinfo

xntTCP998I**TCP/IP task stop requested****Reason:**

This message is logged to document that the TCP/IP main task has received a task stop request. This is a normal stop of the TCP/IP main task that will occur during shutdown of the system.

Action:

The TCP/IP main task begins termination processing which includes termination of the connection to IBM's TCP/IP address space and termination of all active socket connections. If the TCP/IP main task was accidentally stopped, Xnet must be stopped and restarted to restore the TCP/IP component.

Module:

ITCPMAIN

Class:

Sysinfo

xntTCP999I**TCP/IP task termination complete****Reason:**

This message is logged to document that the TCP/IP main task has ended.

Action:

None. This message is informational.

Module:

ITCPMAIN

Class:

Sysinfo

xntTRC001I

The most recent limit trace table entries follow

Reason:

This message appears in an indicative dump immediately before the formatted trace table display when the trace table dump limit has been set by the LOGTRACE(limit) startup parameter. Fewer entries may actually follow, depending on the size of the trace table, amount of tracing activity, and so on.

Action:

Review the entries.

Class:

Diagnostics

xntTRC002I

Trace data not available

Reason:

This message appears in an indicative dump when tracing was not active at the time of error.

Action:

None. This message is informational.

Class:

Diagnostics

xntTRC003E

Trace formatting terminated by error - RC: *retcode*

Reason:

The trace formatter encountered a terminating error.

Action:

None. This message is informational.

Class:

Diagnostics

xntTRC004E

All available trace table entries follow

Reason:

This message appears in an indicative dump immediately before the formatted trace table display when the trace table dump limit has been removed via the LOGTRACE(0) startup parameter.

Action:

None. This message is informational.

Class:

Diagnostics

xntTRC099I

formatted-trace-table-entry

Reason:

The formatted trace is written in most recent to least recent order, with the most recent entry at the top of the list and the least recent at the bottom. The first line of each trace entry is left justified; subsequent lines are indented. A leading asterisk (*) indicates that the trace entry specifically describes ABEND or ABEND recovery events.

Action:

None. This message is informational.

Class:

Diagnostics

xntTSK010I

Process *procname* flushed by parent PCB

Reason:

A terminating condition was detected in a process that, in turn, created other processes, referred to as child processes. Process termination logic immediately ends all of the child processes, identifying each by *procname*.

Action:

Review the generated messages.

Class:

Geninfo

xntTSK011I

ITASK *taskname* flushed by parent ITASK

Reason:

A terminating condition was detected in a task that, in turn, created other tasks, referred to as child tasks. Task termination logic immediately ends all of the child tasks, identifying each by *taskname*.

Action:

Review the generated messages.

Class:

Geninfo

xntXNT001I**Xnet main task starting XMANID *xmanid* ixn *ixn-addr*****Reason:**

This message is logged during Xnet initialization to mark the startup of the Xnet communications processing main task. This is the task that coordinates all of the director-agent session activity for this Xnet.

xmanid

Specifies the XMANID of the associated Xmanager address space (the Xnet XMANID parameter).

ixn-addr

Specifies the address of the primary control block for the Xnet messaging component.

Action:

This message is informational.

Module:

IXNTMAIN

Class:

Sysinfo

xntXNT002I

Xnet-Xmgr connected XMANID *xmanid* pxnv *pxnv-addr*

Reason:

This message is logged during Xnet initialization to confirm that Xnet has established a working connection with the selected (by the *xmanid* parameter) Xmanager address space. Xnet is ready to communicate with z/OS Agents on this system.

xmanid

Specifies the XMANID of the associated Xmanager address space (the Xnet XMANID parameter).

pxnv-addr

Specifies the address of the Xnet PXNV control block for cross-memory service management.

Action:

This message is informational.

Module:

IXNTACON

Class:

Sysinfo

xntXNT003I**Xnet-Xmgr disconnected XMANID *xmanid* pxnv *pxnv-addr*****Reason:**

This message is logged when Xnet disconnects from the Xmanager address space. The disconnect may be the result of normal Xnet shutdown processing or the disconnect may have been explicitly requested using the XNET STOP XMANID() command. Factors external to Xnet can also trigger a disconnect.

xmanid

Specifies the XMANID of the associated Xmanager address space (the Xnet XMANID parameter).

pxnv-addr

Specifies the address of the Xnet PXNV control block for cross-memory service management.

Action:

If the disconnect is not expected, examine the z/OS SYSLOG and the JOBLLOGs for Xnet and Xmanager for related messages that may help you determine the cause of the problem.

Module:

IXNTADIS

Class:

Sysinfo

xntXNT100E**Xnet *module* \$XMREQ *reqname* error r15 *r15-value* r1 *r1-value*****Reason:**

This message is logged when Xnet receives a non-zero return code from a \$XMREQ call. The \$XMREQ call is the Xnet interface to services provided by Xmanager. A non-zero return code indicates a serious problem that will prevent z/OS Agents from communicating with the Xnet address space.

module

Specifies the name of the Xnet module that detected the problem.

reqname

Specifies the name of the Xnet cross-memory request that ended with an error indication.

r15-value

Specifies the register 15 return code from the Xmanager \$XMREQ call.

r1-value

Specifies the register 1 reason code from the Xmanager \$XMREQ call.

Action:

Review the z/OS SYSLOG and the Xmanager JOBLLOG for related messages that will help determine the cause of the problem (for example, Xmanager may have been stopped for some reason). Complete the necessary corrective action to restore the Xnet connection with Xmanager.

Module:

IXNTACMP, IXNTACON, IXNTADIS, IXNTCHKA

Class:

Geninfo

xntXNT101E

Xnet module returned error rc *rtncode* rs *rsncode*

Reason:

This message is logged by Xnet modules when the service that was requested could not be successfully performed. In such a case, the Xnet modules will return a non-zero return code and an explanatory reason code.

rtncode

Specifies the Xnet return code value (decimal).

rsncode

Specifies the Xnet reason code value (decimal).

Action:

All occurrences of non-zero return codes from Xnet modules are logged by this message. However, there are cases where the non-zero return code is an expected or acceptable condition. For example, during the agent connection process, Xnet tries to “locate” the control structure for that agent and Xnet expects this to be “not found”. If it was found, that would mean that an agent with that name is already connected to Xnet and the agent that is trying to connect must be rejected.

Note: For more information about Xnet's return and reason codes, see the *CA Database Management Solutions for DB2 for z/OS for DB2 for z/OS General Facilities Reference Guide*.

Modules:

IXNTACAG, IXNTACDA, IXNTACMP, IXNTACON, IXNTACPD, IXNTADAG, IXNTADDA, IXNTADIS, IXNTADPD, IXNTAIPM, IXNTALAG, IXNTALDA, IXNTALPD, IXNTAPIM, IXNTAPOM, IXNTAPST, IXNTCHKA

Class:

Geninfo

xntXNT102E

Xnet completion failed for xnr *xnr-addr* rc *rtncode* rs *rsncode* func *function-code* agent *agent-id* asid *asid* uxnr *user-xnr*

Reason:

Xnet attempted to complete an agent Xnet request by POSTing the request complete. The Xnet posting routine detected an error described by the return and reason code values.

xnr-addr

Specifies the address of the Xnet request control block (XNR).

rtncode

Specifies the Xnet return code value (decimal).

rsncode

Specifies the Xnet reason code value (decimal).

function-code

Specifies the function code value from the request block.

agent-id

Specifies the 1-16 character agent ID string.

asid

Specifies the z/OS ASID number of the agent address space.

user-xnr

Specifies the address of the Agent Xnet request block.

Action:

Examine the z/OS SYSLOG and the agent JOBLOG for messages that may be related to this error (for example, an unexpected failure of the agent address space).

Module:

IXNTAPST

Class:

Geninfo

xntXNT103E

Xnet SAF desc: user(*userid*) SAFrc *saf-rc* RACFrc *racf-rc* RACFrS *racf-rs*
dir *dir-id* agt *agent-id* mid *msg-id* sq *msg-seq*

Reason:

This message is logged when the z/OS credentials (the user ID and password) sent to Xnet by a director, on behalf of the end user, fail authentication using the SAF interface to the z/OS security subsystem. Authentication will also fail if Xnet is not APF authorized (and is therefore unable to use the SAF interface). The security product that processes the SAF VERIFY normally logs a violation to the SYSLOG and JOBLOG data sets. This message has been changed from class S (Sysinfo) to class G (Geninfo) to reduce the amount of logging on the SYSLOG and JOBLOG data sets. This message is now logged only to the Xnet log file data sets.

desc

Specifies the description of the failure (not available (unauthorized), authentication failed, ACEE delete failed)

userid

Specifies the z/OS user ID that failed SAF authentication.

saf-rc

Specifies the SAF return code.

racf-rc

Specifies the RACF return code.

racf-rs

Specifies the RACF reason code.

dir-id

Specifies the 1-16 character director ID string of the director that sent the message.

agent-id

Specifies the 1-16 character agent ID string of the target z/OS agent.

msg-id

Specifies the 1-16 character Xnet message type that contained the credentials.

msg-seq

Specifies the Xnet message sequence number that contained the credentials.

Action:

Use the information in the message to resolve the error.

Module:

IXNTAPIM

Class:

Geninfo

xntXNT201I

Xnet AGENT UP id *agent-id* as *asid* (*ascb* *token*) *csq* *create#*

Reason:

This message is logged when an agent successfully connects to the Xnet system. The agent executes an XnetReq Agent_Up call that uses the Xmanager program call support to run Xnet routines that contact the Xnet address space using z/OS cross-memory services. This agent can now accept connections from directors.

agent-id

Specifies the 1-16 character agent ID string.

asid

Specifies the z/OS ASID number of the agent address space.

ascb

Specifies the address of the z/OS ASCB for the agent address space.

token

Specifies the z/OS STOKEN for the agent address space.

create#

Specifies the creation sequence number assigned to this agent instance.

Action:

None.

Module:

IXNTACAG

Class:

Geninfo

xntXNT202I

Xnet DIR START id *dir-id* agt *agent-id* csq *create#* usk *usk*

Reason:

This message is logged when a Director successfully establishes a session with an agent by creating a TCP/IP stream socket connection to Xnet and sending a DIR-START Xnet message that is accepted by the target agent. The director can now communicate with the agent on behalf of the end user.

dir-id

Specifies the 1-16 character director ID string.

agent-id

Specifies the 1-16 character agent ID string.

create#

Specifies the creation sequence number assigned to this director-agent session.

usk

Specifies the Xnet socket descriptor (the user socket) for the director's TCP/IP connection.

Action:

None.

Module:

IXNTACDA

Class:

Geninfo

xntXNT203I

Xnet AGENT DOWN id *agent-id* as *asid* (*ascb*) csq *create#* prgcd *prgcd*
created *hh:mm:ss:tht* *mm/dd/yyyy*
lastreq *hh:mm:ss:tht* *mm/dd/yyyy*
msgs in.....*msgs-in*
bytes in.....*bytes-in*
msgs out.....*msgs-out*
bytes out.....*bytes-out*
XnetReq.....*xnet-req*
Dir total.....*dir-total*

Reason:

This message is logged when an agent is disconnected from the Xnet system.

agent-id

Specifies the 1-16 character agent ID string.

asid

Specifies the z/OS ASID number of the agent address space.

ascb

Specifies the address of the z/OS ASCB for the agent address space.

create#

Specifies the creation sequence number that was assigned to this agent instance.

prgcd

Specifies the Xnet reason code if the Xnet system is currently purging this agent. A reason code of 0 indicates no purge condition.

hh:mm:ss.tht

Specifies the time (24 hour clock time) when the agent issued Agent_Up (for created) or the time when the agent last executed an Xnet API call (for lastreq).

mm/dd/yyyy

Specifies the date when the agent issued Agent_Up (for created) or the date when the agent last executed an Xnet API call (for lastreq).

msgs-in

Specifies the total number of Xnet messages received by this agent.

bytes-in

Specifies the total number of bytes received by this agent.

msgs-out

Specifies the total number of Xnet messages sent by this agent.

bytes-out

Specifies the total number of bytes sent by this agent.

xnet-req

Specifies the total number of Xnet API calls executed by this agent.

dir-total

Specifies the total number of directors that have ever been in-session with this agent.

Action:

This message is informational. The disconnect may have been explicitly requested by the agent (for example, a normal disconnect when the agent address space is being stopped) or it may be the result of other factors (for example, Xmanager shutdown, z/OS cross-memory services problem, XNET STOP command, and so on.). All of the agent sessions with directors are also ended and the agent can no longer communicate in the Xnet network.

Module:

IXNTADAG

Class:

Geninfo

xntXNT204I

Xnet DIR STOP id *dir-id* agt *agent-id* csq *create#* usk *usk* prgcd *prgcd*
IP addr (*ip-addr*)
IP port (*port-num*)
created *hh:mm:ss:tht mm/dd/yyyy*
lastreq *hh:mm:ss:tht mm/dd/yyyy*
msgs in.....*msgs-in*
bytes in.....*bytes-in*
msgs out....*msgs-out*
bytes out....*bytes-out*

Reason:

This message is logged when a director-agent session ends.

dir-id

Specifies the 1-16 character director ID string.

agent-id

Specifies the 1-16 character agent ID string.

create#

Specifies the creation sequence number that was assigned to this director-agent session.

usk

Specifies the Xnet socket descriptor (the user socket) for the director's TCP/IP connection.

prgcd

Specifies the Xnet reason code if the Xnet system is currently purging this director-agent session. A reason code of 0 indicates no purge condition.

ip-addr

Specifies the director's TCP/IP IP address string. This is the IP address of the director's system.

port-num

Specifies the director's TCP/IP port number string. This is the port number on the director's system that is associated with the director's stream socket connection for this session.

hh:mm:ss.tht

Specifies the time (24 hour clock time) when the session started (for created) or the time when the last message was received from the director (for lastreq).

mm/dd/yyyy

Specifies the date when the session started (for created) or the date when the last message was received from the director (for lastreq).

msgs-in

Specifies the total number of Xnet messages received from this director on the session.

bytes-in

Specifies the total number of bytes received from this director on the session.

msgs-out

Specifies the total number of Xnet messages sent by the agent on this session.

bytes-out

Specifies the total number of bytes sent by the agent on this session.

Action:

This message is informational. The ending of this one session does not affect other activity of the agent or the director. Both the agent and the director may continue communicating over other sessions. The director's TCP/IP connection for this session is also ended.

Note: For more information about Xnet's return and reason codes, see the *CA Database Management Solutions for DB2 for z/OS for DB2 for z/OS General Facilities Reference Guide*.

Module:

IXNTADDA

Class:

Geninfo

xntXNT205I**Xnet definition created for id *id-string* xnp *xnp-addr*****Reason:**

This message is logged to confirm the successful execution of an XNET DEFINE command. The DEFINE command creates definitions that can be used to secure access to the Xnet network by establishing user ID and/or network address requirements for agents and/or directors. The Xnet definitions are checked when agents request to connect with the network and when directors request to start a session with an agent.

id-string

Specifies the 1-16 character ID string that identifies the agent or director that the definition applies to.

xnp-addr

Specifies the address of the Xnet definition control block (XNP).

Action:

This message is informational.

Module:

IXNTACPD

Class:

Geninfo

xntXNT206I

Xnet definition deleted for id *id-string* xnp *xnp-addr*

Reason:

This message is logged to confirm the successful execution of an XNET DELETE command. The DELETE command removes agent and/or director definitions that were previously established by the XNET DEFINE command.

id-string

Specifies the 1-16 character ID string that identifies the agent or director that the definition applied to.

xnp-addr

Specifies the address of the Xnet definition control block (XNP) that was released.

Action:

This message is informational.

Module:

IXNTADPD

Class:

Geninfo

xntXNT300I

Xnet request in dir *dir-id* agt *agent-id* usk usk message

Reason:

This message is logged for every web services request received by Xnet. It is logged when the request is first received by Xnet. The message identifies the originating end user (the director) and the target agent. The request is passed to the target agent for execution. See message xntXNT301I, also.

dir-id

Specifies the 1-16 character director ID string.

agent-id

Specifies the 1-16 character agent ID string.

usk

Specifies the Xnet socket descriptor (the user socket) for the director's TCP/IP connection.

message

Optional information that may be provided.

Action:

None.

Module:

IXNTFLOW

Class:

Geninfo

xntXNT301I

Xnet response out dir dir-id agt agent-id usk usk message**Reason:**

This message is logged for every response to a web services request sent by Xnet. It is logged when the request is complete and the response is being sent from Xnet to the Data Source Handler. The message identifies the originating end user (the director) and the target agent. See message xntXNT300I, also.

dir-id

Specifies the 1-16 character director ID string.

agent-id

Specifies the 1-16 character agent ID string.

usk

Specifies the Xnet socket descriptor (the user socket) for the director's TCP/IP connection.

message

Optional information that may be provided.

Action:

None.

Module:

IXNTFLOW

Class:

Geninfo

xntXNT600I

Xnet work *xnw* *xnw-addr* task *itask-addr* proc *iproc-addr* for *task-name* len *xnw-len* link *xnw-link* code *xnw-code* prev *xnw-prev*

Reason:

This message documents that a unit of work was picked from the task work queue and processing has started. The work is represented by the Xnet XNW control block.

xnw-addr

Specifies the address of the Xnet work management block (XNW).

itask-addr

Specifies the address of the Xnet task management block (ITASK).

iproc-addr

Specifies the address of the Xnet process management block (IPROC).

task-name

Specifies the name of the Xnet task.

xnw-len

Specifies the length of the Xnet work management block (XNW).

xnw-link

Specifies the address of the next XNW for this task (normally null).

xnw-code

Specifies the Xnet work element code.

xnw-prev

Specifies the address of the previous XNW for this task.

Action:

This message is informational. This message is logged when Xnet trace is active (trace levels 0, 1 and 2).

Module:

IXNTCPIP, IXNTMAIN

Class:

Xnettrace (P)

xntXNT601I

Xnrin *req-name mid msg-id agt agt-id dir dir-id rq req-seq*
uxnr xnr xnr addr area area-addr ln len sq seq reasn rsn

Reason:

This message documents that an Xnet request has entered the system.

req-name

Specifies the short-hand name of the agent's xnrFUNC function code.

msg-id

Specifies the 1-16 character message ID string.

agt-id

Specifies the 1-16 character agent ID string.

dir-id

Specifies the 1-16 character director ID string.

req-seq

Specifies the system-wide request sequence number associated with this request. This sequence number is unique for each request and can be used to identify other trace entries that are related to this request.

xnr

Specifies the address of the Xnet request block in the agent's address space.

addr

Specifies the address of the Xnet request block used in the Xnet address space.

area-addr

Specifies the address of the Xnet data buffer containing the request message.

len

Specifies the length of the request message in the Xnet data buffer.

seq

Specifies the message sequence number of the request message.

rsn

Specifies the Xnet reason code value from the xnrREASN field of the XNR.

Action:

Requests are presented by agents using the XnetReq call. The request is represented by the Xnet XNR control block. The message data for the request, if any, is contained in a separately addressable data buffer area. This message is logged when Xnet trace is active (trace levels 0, 1 and 2).

Note: Xnet reason codes are documented in the *CA Database Management Solutions for DB2 for z/OS for DB2 for z/OS General Facilities Reference Guide*.

Module:

IXNTWXNR

Class:

Xnettrace (P)

xntXNT602I

Xnrout *req-name mid msg-id agt agent-id dir dir-id rq req-seq*
uxnr xnr xnr addr area area-addr ln len sq seq reasn rsn rc rc rs rs

Reason:

This message documents that an Xnet request completed and the request is being posted back to the calling Agent. The request is represented by the Xnet XNR control block.

req-name

Specifies the short-hand name of the agent's xnrFUNC function code.

msg-id

Specifies the 1-16 character message ID string.

agent-id

Specifies the 1-16 character agent ID string.

dir-id

Specifies the 1-16 character director ID string.

req-seq

Specifies the system-wide request sequence number associated with this request. This sequence number is unique for each request and can be used to identify other trace entries that are related to this request.

xnr

Specifies the address of the Xnet request block in the agent's address space.

addr

Specifies the address of the Xnet request block used in the Xnet address space.

area-addr

Specifies the address of the Xnet data buffer containing the request message.

len

Specifies the length of the request message in the Xnet data buffer.

seq

Specifies the message sequence number of the request message.

rsn

Specifies the Xnet reason code value from the xnrREASN field of the XNR.

rc

Specifies the Xnet final return code for this request.

rs

Specifies the Xnet's final reason code for this request.

Action:

The message data for the request, if any, is contained in a separately addressable data buffer area. The Agent's XNR will be refreshed with the results of the request processing and received data (for a receive-type operation) will be moved to the Agent's data buffer area. This message is logged when Xnet trace is active (trace levels 0, 1 and 2).

Note: For more information about Xnet's return and reason codes, see the *CA Database Management Solutions for DB2 for z/OS for DB2 for z/OS General Facilities Reference Guide*.

Module:

IXNTAPST

Class:

Xnettrace (P)

xntXNT603I

Xnrsys req-name mid msg-id agt agent-id dir dir-id rq req-seq
xnr xnr-addr area area-addr ln area-len sq msg-seq
reasn msg-rsn rc rc rs rs xm15 xn15 xm1 xm1

Reason:

This message documents that a system-generated Xnet request has completed. The request is represented by the Xnet XNR control block. The message data for the request, if any, is contained in a separately addressable data buffer area. System-generated requests are most commonly used for establishing and disestablishing the connection to the Xmanager address space, and for checking the status of agent address spaces.

req-name

Specifies the short-hand name of Xnet's xnrFUNC function code.

msg-id

Specifies the 1-16 character message ID string.

agent-id

Specifies the 1-16 character agent ID string.

dir-id

Specifies the 1-16 character director ID string.

req-seq

Specifies the system-wide request sequence number associated with this request. This sequence number is unique for each request and can be used to identify other trace entries that are related to this request.

xnr-addr

Specifies the address of Xnet's XNR request block.

area-addr

Specifies the address of the Xnet data buffer containing the request message.

area-len

Specifies the length of the request message in the Xnet data buffer.

msg-seq

Specifies the message sequence number of the request message.

msg-rsn

Specifies the Xnet reason code value from the xnrREASN field of the XNR.

rc

Specifies Xnet's final return code for this request.

rs

Specifies Xnet's final reason code for this request.

xm15

Specifies Xmanager's final Register 15 return value for this request.

xm1

Specifies Xmanager's final Register 1 return value for this request.

Action:

This message is informational. This message is logged when Xnet trace is active (trace levels 0, 1 and 2).

Note: Xnet return and reason codes are documented in the *CA Database Management Solutions for DB2 for z/OS for DB2 for z/OS General Facilities Reference Guide*.

Module:

IXNTCHKA, IXNTMAIN

Class:

Xnettrace (P)

xntXNT604I

Xnr Swap uxnr user-xnr xnr xnr-addr new-xnr new-xnr rq req-seq

Reason:

This message documents that Xnet is replacing one of its XNR blocks with another XNR block. This is most commonly done when a new message has been received from a director. The receive process creates an XNR to manage the message as it moves through Xnet. At some point (perhaps long before this message was received from the TCP/IP network), the agent must make an XnetReq call to receive a message. This request is also managed by its own XNR in the Xnet address space.

user-xnr

Specifies the address of the Xnet request block in the Agent's address space.

xnr-addr

Specifies the address of Xnet's XNR request block that is being replaced.

new-xnr

Specifies the address of Xnet's new, replacement XNR request block.

req-seq

Specifies the system-wide request sequence number associated with this request. This sequence number is unique for each request and can be used to identify other trace entries that are related to this request.

Action:

This message is informational. When Xnet matches up a received message with an agent's receive request, the XNR for the receive request is simply replaced with the XNR for the message that was received. Xnet's XNR for the receive request can then be released and the agent's receive request can be completed using the message that was received. This message is logged when Xnet trace is active (trace levels 0, 1 and 2).

Module:

IXNTWXNR

Class:

Xnettrace (P)

xntXNT611I

**Mgrecv skt mid msg-id agt agent-id dir dir-id rq req-seq
uxnr user-xnr xnr xnr-addr area area-addr ln area-len sq msg-seq reasn msg-rsn**

Reason:

This message documents that Xnet has received an Xnet message from a director over a TCP/IP stream socket connection (a director-agent session). Xnet must match this input message with an outstanding agent receive request. The message data for the request, if any, is contained in a separately addressable data buffer area.

skt

Specifies Xnet's socket descriptor (the user socket). This identifies the TCP/IP connection that received the message.

msg-id

Specifies the 1-16 character message ID string.

agent-id

Specifies the 1-16 character agent ID string.

dir-id

Specifies the 1-16 character director ID string.

req-seq

Specifies the system-wide request sequence number associated with this request. At receive-time the sequence number is null. Eventually it will be matched to an outstanding Agent receive request which has a request sequence number.

user-xnr

Specifies the address of the Xnet request block in the agent's address space.

xnr-addr

Specifies the address of the Xnet request block used in the Xnet address space.

area-addr

Specifies the address of the Xnet data buffer containing the request message.

area-len

Specifies the length of the request message in the Xnet data buffer.

msg-seq

Specifies the message sequence number of the request message.

msg-rsn

Specifies the Xnet reason code value from the xnrREASN field of the XNR.

Action:

This message is informational. This message is logged when Xnet trace is active (trace levels 0, 1 and 2).

Note: Xnet return and reason codes are documented in the *CA Database Management Solutions for DB2 for z/OS for DB2 for z/OS General Facilities Reference Guide*.

Module:

IXNTCP/IP

Class:

Xnettrace (P)

xntXNT612I

Mgsend skt mid msg-id agt agent-id dir dir-id rq req-seq
uxnr user-xnr xnr xnr-addr area area-addr ln area-len sq msg-seq reasn msg-rsn

Reason:

This message documents that Xnet has sent an Xnet message from an agent to a director over a TCP/IP stream socket connection (a director-agent session). The message data for the request, if any, is contained in a separately addressable data buffer area. This message is logged when Xnet trace is active (trace levels 0, 1 and 2).

skt

Specifies Xnet's socket descriptor (the user socket). This identifies the TCP/IP connection that was used.

msg-id

Specifies the 1-16 character message ID string.

agent-id

Specifies the 1-16 character agent ID string.

dir-id

Specifies the 1-16 character director ID string.

req-seq

Specifies the system-wide request sequence number associated with this request.

user-xnr

Specifies the address of the Xnet request block in the Agent's address space.

xnr-addr

Specifies the address of the Xnet request block used in the Xnet address space.

area-addr

Specifies the address of the Xnet data buffer containing the request message.

area-len

Specifies the length of the request message in the Xnet data buffer.

msg-seq

Specifies the message sequence number of the request message.

msg-rsn

Specifies the Xnet reason code value from the xnrREASN field of the XNR.

Action:

This message is informational.

Note: Xnet return and reason codes are documented in the *CA Database Management Solutions for DB2 for z/OS for DB2 for z/OS General Facilities Reference Guide*.

Module:

IXNTCPIP

Class:

Xnettrace (P)

xntXNT800E

**XNET POST failure ecb(ecb-addr) ascb(ascb-target) code(post-err)
rtn(PXNCMP ascb-current)**

Reason:

This message is sent to SYSLOG when a z/OS cross-memory post error drives Xnet's post error exit in the PXNCMP routine. This routine was attempting to post some agent's request completion ECB in the agent's address space.

ecb-addr

Specifies the address of the ECB that was being posted when the error occurred.

ascb-target

Specifies the address of the z/OS ASCB for the address space of the ECB.

post-err

Specifies the error code passed by the z/OS POST service to the Xnet POST error exit.

ascb-current

Specifies the address of the z/OS ASCB for the address space where the Xnet POST error exit is running.

Action:

An occurrence of this error is most likely an indication that something is wrong with the agent's address space. Examine the current state of the address space and the agents identified by the ascb-target address. Examine the z/OS SYSLOG for messages that may be related to this failure. This type of posting failure may indicate that the agent is unusable and require a restart of the agent function or the agent's address space. This message is a WTO to SYSLOG.

Module:

PXNCMP

Class:

N/A; this message is a WTO to SYSLOG.

xntXNT801E

**XNET POST failure ecb(ecb-addr) ascb(ascb-target) code(post-err)
rtn(PXNREQ ascb-current)**

Reason:

This message is sent to SYSLOG when a z/OS cross-memory post error drives the post error exit in the PXNREQ routine. This routine was attempting to post Xnet's main work ECB to signal the arrival of a new agent request.

ecb-addr

Specifies the address of the ECB that was being posted when the error occurred.

ascb-target

Specifies the address of the z/OS ASCB for the address space of the ECB.

post-err

Specifies the error code passed by the z/OS POST service to the Xnet POST error exit.

ascb-current

Specifies the address of the z/OS ASCB for the address space where the Xnet POST error exit is running.

Action:

An occurrence of this error is an indication that something is wrong with the Xnet address space or the cross-memory linkage from the agent's address space to the Xnet address. Examine the current state of Xnet and Xmanager. Examine the z/OS SYSLOG for messages that may be related to this failure. If Xnet is not operating normally, stop and restart the Xnet address space. If that does not correct the situation, try stopping and restarting the Xmanager address space.

This message is a WTO to SYSLOG.

Module:

PXNREQ

Class:

N/A; this message is a WTO to SYSLOG.

xntXNT903E**Xnet session: error-desc****Reason:**

This message is logged when a problem is detected in the TCP/IP communications processing for a director-agent session. The error-desc provides an explanation of the error condition. The director-agent session will be ended with appropriate notification to both the director-side and the agent-side, when communication is still possible.

Action:

There are many possible causes for session communication errors. Failures in the TCP/IP network or at the director's system can trigger such outages. Examine the error description to understand the nature of the error. Restart the director-agent session.

Module:

IXNTCPPIP

Class:

Geninfo

xntXNT970I

Xnet iAgent status xni address pgm program agt agent-id

Reason:

This message is logged to provide status information for an Xnet agent that is running inside the Xnet address space, an internal agent.

status

Provides the status information; “starting”, “stopping”, “cancelled” or “ended”.

address

Specifies the address of the xni block used to manage the agent’s activity.

program

Specifies the name of the load module for the internal agent.

agent-id

Specifies the 1-16 character agent ID string of the internal agent.

Action:

If the status is “ended” and this is an unexpected status it may be necessary to restart this agent using the XNET ATTACH command.

Module:

IXNTIAGT

Class:

Geninfo

xntXNT971E**Xnet iAgent timer failed function rc return-code****Reason:**

This message is logged to when an internal agent detects a timer failure. The agent continues to run without timer services.

function

Specifies the names the timer service that failed; “set” or “cancel”.

return-code

Specifies the non-zero return code from the timer service that indicates the nature of the failure.

Action:

Normal processing for the internal agent will continue without timer services. If you notice this message, contact CA technical support and report the occurrence of this error. Restart the internal agent when it is convenient to do so.

Module:

IXNTIAGT

Class:

Geninfo

xntXNT972E

Xnet Attach iAgent mod program - LOAD failed

Reason:

Xnet issued a z/OS LOAD request for the load module of an internal agent and the program load operation failed. Xnet issues a LOAD during the ATTACH processing of an internal agent. The XNET ATTACH command that started this processing may be an implicit startup of an internal agent or it may be an explicit operator command that has been issued. The startup for the internal agent fails.

program

Name of the load module for the internal agent.

Action:

A more detailed message from the z/OS LOAD service can normally be found on SYSLOG and the Xnet JOBLOG. Examine the message from the z/OS LOAD service to determine the cause of the failure. Correct the cause of the LOAD failure and issue the XNET ATTACH command to start the internal agent (or restart the Xnet address space). If the load failure is associated with an explicit operator command (an XNET ATTACH command), make sure that the module name was specified correctly in the command. Contact CA technical support if you are unable to correct the load failure.

Module:

IXNTWXNR

Class:

Geninfo

xntXNT973E**Xnet Attach iAgent mod program - \$TASK CREATE failed rc return-code****Reason:**

Xnet was not able to create a process to manage execution of the internal agent being started by an XNET ATTACH command. The XNET ATTACH command that started this processing may be an implicit startup of an internal agent or it may be an explicit operator command that has been issued. The startup for the internal agent fails.

program

Name of the load module for the internal agent.

return-code

Return code from the Xnet service that creates a process for execution of the internal agent.

Action:

Re-issue the XNET ATTACH command for the internal agent (or restart the Xnet address space). Contact CA technical support if you are still unable to start this internal agent.

Module:

IXNTWXNR

Class:

Geninfo

xntXNT974I

Xnet function iAgent mod program complete

itask.....*itask taskname*

tcb.....*tcb*

xni.....*xni*

load point.....*load point*

entry point.....*entry point*

Agent ID.....(*agent-ID*)

Parm.....(*parm*)

Reason:

Xnet has started (Attach) or stopped (Detach) an internal Agent program.

function

Names the "Attach" or "Detach" function.

program

Specifies the name of the load module for the internal agent.

itask taskname

Specifies the address and name of the internal task.

tcb

Specifies the address of the z/OS TCB.

xni

Specifies the address of the xni block for managing the activity of this agent.

load point

Specifies the address where the load module started in virtual storage.

entry point

Specifies the address of the load module entry point.

agent-ID

Specifies the Xnet agent ID.

parm

Specifies the Parm string from the XNET ATTACH command.

Action:

If this is an unexpected detach of the internal agent (for example, due to an agent error) issue the XNET ATTACH command to restart the internal agent (or restart the Xnet address space). Contact CA technical support if you are still unable to start this internal agent.

Module:

IXNTWXNR

Class:

Geninfo

Example:

```
Xnet Attach iAgent mod PXNIXAWS complete
  itask.....369BB078 IAGT0001
  tcb.....006B04F0
  xni.....369CD178
  load point...36AD1000
  entry point..B6AD2CA8
  Agent ID....(XNET-AGENT-WEB)
  parm.....()
```

xntXNT975E**Xnet Detach iAgent mod program xni address failed – xni not in list****Reason:**

Xnet was completing the shutdown on an internal agent module but the xni block used to manage that agent could not be located in the list of active internal agents.

program

Specifies the name of the load module for the internal agent.

address

Specifies the address of the xni block used to manage the activity of the internal agent.

Action:

This is a “should not occur” condition and virtual storage associated with the internal agent may be lost until Xnet is restarted. This is not a fatal condition and Xnet will continue normal operation and the internal agent can be restarted if it is needed. Restart Xnet when it is convenient to do so.

Module:

IXNTWXNR

Class:

Geninfo

xntXNT978I

Mod type Event(name) Agt(agent-ID) Mod(load-module) [Rc(retcode)]

Reason:

This is diagnostic trace message used to log the call to an internal agent module and the return from the internal agent module.

type

Identifies trace record as a “Call” or “Return”.

name

Identifies the type of event the agent was being called to process.

agent-ID

Xnet Agent ID string.

load module

Name of the internal agent load module.

retcode

Specifies the return code from the internal agent for “return” records.

Action:

None.

Module:

IXNTIAGT

Class:

XnetTrace (P)

xntXNT979I**free-form-text****Reason:**

This message ID (xntXNT979I) is used to log any arbitrary text string provided by an internal agent when it returns from an event call (see the xntXNT978I trace message description).

free-form-text

Message text provided by the internal agent.

Action:

None.

Module:

IXNTIAGT

Class:

Geninfo

xntXNT985I**Xnet Flow credentials required for dir dir-id agt agent-id usk usk****Reason:**

A web services request from a user (identified by the director ID) to an agent (identified by the agent ID) was received but there was no established session between that user and agent. The request may be the initial request for a session (no credentials were provided) or it may be a re-send of an initial request containing credentials. In either case, the request is rejected with error code 204 (Xnet request failed) and reason code 291 (Credentials required).

In the case of an initial request, the Data Source Handler recognizes the error and reason codes, obtains the necessary credentials (for example, a security subsystem PassTicket) and re-sends the initial request with the credentials.

In the case of a re-sent request being rejected, there was some problem with the user authentication (for example, user ID is not valid on this z/OS system, the user ID has been revoked, the installation setup for PassTicket usage is incorrect or incomplete, etc.). There will normally be a security subsystem message in the Xnet JOBLOG data set and there will also be an Xnet message in the Xnet log file data set to document any SAF VERIFY failures. The Data Source Handler will terminate the request back to end user.

dir-id

Specifies the 1-16 character director ID string containing the user ID and the user's session token.

agent-id

Specifies the 1-16 character agent ID string.

usk

Specifies the Xnet socket descriptor (the user socket) for the director's TCP/IP connection.

Action:

None, if the message is logging a normal exchange of an initial request. The end user's activity will proceed once the re-send with credentials (this is done automatically by the Data Source Handler) is received. In the case of a true user authentication failure, the end user must examine the error information that is returned and attempt to correct the problem.

Module:

IXNTFLOW

Class:

Geninfo

xntXNT986E**Xnet Flow TAKESOCKET failed for usk usk****Reason:**

Xnet received an error indication when passing ownership of a socket descriptor from the listener process to a send/receive processor.

usk

Specifies the Xnet socket descriptor (the user socket) for the TCP/IP connection.

Action:

This error may be logged if a user's socket connection ends before a pass operation completes. If this error seems to be occurring frequently and it affects usability, notify CA technical support.

Module:

IXNTFLOW

Class:

Geninfo

xntXNT987E

Xnet CREATE FAILED agt agent-id as asid ascb

Reason:

This message is logged when Xnet is unable to create a new Agent instance. Xnet received an Agent_Up request from an Xnet agent but the service routine that is called to build the control structures for a new agent returned an error. Related messages (logged by the service routine) on the log file provide additional information about the cause for the error.

agent-id

Specifies the 1-16 character agent ID string.

asid

Specifies the z/OS ASID number of the agent's address space.

ascb

Specifies the address of the z/OS ASCB for the agent's address space.

Action:

Correct the problem and restart the agent connection process.

Module:

IXNTWXNR

Class:

Geninfo

xntXNT988E**Xnet CREATE FAILED for INTERNAL AGENT XNET-AGENT****Reason:**

This message is logged when Xnet cannot create an agent instance for XNET-AGENT, the internal agent. This agent can be used by directors to get a listing of currently active agents. Although absence of the XNET-AGENT should not prevent normal director-agent activity, configuration activities (for example, utilities on a director system that communicate with Xnet to obtain an agent list) that require the XNET-AGENT will not work.

Action:

Use the XNET START AGENT(XNET-AGENT) command to restart the internal agent.

Module:

IXNTACON

Class:

Geninfo

xntXNT989E**Xnet CREATE FAILED dir dir-id agt agent-id usk skt****Reason:**

This message is logged when Xnet is unable to create a new director-agent session instance. Xnet received a DIR-START message from an Xnet director but the service routine that is called to build the control structures for the new session returned an error. Related messages (logged by the service routine) on the log file provide additional information about the cause for the error.

dir-id

Specifies the 1-16 character director ID string.

agent-id

Specifies the 1-16 character agent ID string.

skt

Specifies Xnet's socket descriptor (the user socket) that identifies the TCP/IP stream socket connection for the requested director-agent session.

ascb

Specifies the address of the z/OS ASCB for the agent's address space.

Action:

Correct the problem and restart the director-agent connection process.

Module:

IXNTCPIP

Class:

Geninfo

xntXNT990E

Xnet AGENT LOSS detected id agent-id as asid (ascb)

Reason:

This message is logged when Xnet detects that a previously connected agent is no longer accessible. Xnet periodically tests the cross-memory access to active agent address spaces.

agent-id

Specifies the 1-16 character Agent ID string.

asid

Specifies the z/OS ASID number of the Agent's address space.

ascb

Specifies the address of the z/OS ASCB for the Agent's address space.

Action:

When an agent address space ends abruptly without performing an orderly termination of Xnet services, Xnet detects this and removes the agent instance and ends any active director-agent sessions with the lost agent. Note that Xnet's testing will not detect a malfunctioning agent that has simply stopped communicating with Xnet.

Module:

IXNTCHKA

Class:

Geninfo

xntXNT991E**Xnet No XNA block for lost Agent id agent-id****Reason:**

This message is logged to document an unexpected occurrence during the cleanup for a lost agent. For some reason, the Xnet control structure for the agent (the XNA control block) could not be located.

agent-id

Specifies the 1-16 character Agent ID string.

Action:

Proper cleanup to remove the lost agent is not possible. This may indicate a problem in the Xnet address space. If Xnet is not otherwise operating normally, shutdown and restart the Xnet address space.

Module:

IXNTWXNR

Class:

Geninfo

xntXNT992I**Xnet DIR status ip (ip-addr : port-num) usk skt id dir-id agt agent-id****Reason:**

This message is logged to document status changes for the Xnet task that manages a director-agent session.

status

Specifies the new status of the director-agent session task.

- Starting
- Stopping
- Cancelled
- Ended

ip-addr

Specifies the director's TCP/IP IP address string; the IP address of the director's system.

port-num

Specifies the director's TCP/IP port number string. This is the port number, on the director's system, associated with the director's stream socket connection for this session.

skt

Specifies Xnet's socket descriptor (the user socket) that identifies the TCP/IP stream socket connection for this director-agent session.

dir-id

Specifies the 1-16 character director ID string.

agent-id

Specifies the 1-16 character agent ID string.

Action:

This message is informational.

Module:

IXNTCPIP

Class:

Geninfo

xntXNT993E

Xnet health timer failed function rc rc

Reason:

This message is logged when the Xnet \$TIMER service returns an error indication.

function

Specifies the name of the \$TIMER function that failed

- Set
- Cancel

rc

Specifies the return code from the Xnet \$TIMER service.

Action:

If the Xnet system is not otherwise operating normally, contact technical support to report the problem.

Module:

IXNTCPIP, IXNTMAIN

Class:

Geninfo

xntXNT995E

Xnet unknown work element addr task itask proc iproc for task-name

xnwid xnw-id xnwlen xnw-len

xnwlink xnw-link xnwcode xnw-code

Reason:

This message is logged to document an unexpected condition. A work element on the task work queue could not be properly identified and processed. The Xnet tasks expect to see an XNW control block with a valid work code.

addr

Specifies the address of the Xnet work management block (XNW).

itask

Specifies the address of the Xnet task management block (ITASK).

iproc

Specifies the address of the Xnet process management block (IPROC).

task-name

Specifies the name of the Xnet task.

xnw-id

Specifies the eyecatcher from the XNW.

xnw-len

Specifies the length of the XNW.

xnw-link

Specifies the address of the next XNW for this task.

xnw-code

Specifies the Xnet work element code.

Action:

The unknown work element is skipped and the task waits for the next work element to process. If these messages occur frequently or the messages seem related to improper Xnet operation, contact technical support to report the problem.

Module:

IXNTCPIP, IXNTMAIN

Class:

Geninfo

xntXNT996I

Xnet task initialization bypassed - not started by Xmanager ASCRE

Reason:

This message is logged to document a severe error condition. Xnet's startup parameter processing did not obtain an XMANID value that identifies the associated Xmanager address space. Therefore, initialization processing will not start the Xnet message processing main task. This task is required for the Xnet message processing functions. It will not be possible to connect z/OS agents and start director-agent sessions.

Action:

Provide the XMANID in the Xnet JCL procedure or use the Xmanager START(XNET) command to start Xnet. Either method should ensure that Xnet obtains an XMANID value during startup parameter processing.

Module:

IXNTMAIN

Class:

Sysinfo

xntXNT997I**Xnet main task cancel requested****Reason:**

This message is logged when the Xnet message processing main task receives an indication that an Xnet CANCEL command was issued for the task.

Action:

This message is informational. The task begins cleanup processing to end all director-agent sessions and all agent connections. Xnet must be restarted to restore Xnet communications.

Module:

IXNTMAIN

Class:

Geninfo

xntXNT998I**Xnet main task stop requested****Reason:**

This message is logged when the Xnet message processing main task receives an indication that an Xnet STOP command was issued for the task, or Xnet has requested the task stop as part of normal shutdown.

Action:

This message is informational. The task begins cleanup processing to end all director-agent sessions and all agent connections. Xnet must be restarted to restore Xnet communications.

Module:

IXNTMAIN

Class:

Geninfo

xntXNT999I

Xnet main task termination complete

Reason:

This message is logged when the Xnet message processing main task completes its cleanup and terminates.

Action:

This message is informational. All director-agent sessions and all agent connections have been terminated. Xnet must be restarted to restore Xnet communications.

Module:

IXNTMAIN

Class:

Geninfo

ZLB Messages

Messages with the ZLB prefix are generated from general facilities used by several products, including: CA Data Compressor, CA Fast Check, CA Fast Index, CA Fast Load, CA Fast Recover, CA Fast Unload, CA LogCompress, CA Merge/Modify, CA Partition Expert, CA Quick Copy, and CA Rapid Reorg.

ZLB0001E

COMPRESSION DICTIONARY DOES NOT EXIST

Reason:

The program expected to find a compression dictionary, but did not find one.

Action:

You can include the KEEPDICTIONARY option to build a new compression dictionary when one does not exist. If a dictionary already exists, KEEPDICTIONARY uses that dictionary without building a new one.

ZLB0002E**DICTIONARY PAGES MUST BE IN SEQUENTIAL ORDER****Reason:**

The compression dictionary cannot be built because the pages are not in sequential order.

ZLB0003E**UNABLE TO BUILD DICTIONARY DUE TO GETMAIN FAILURE****Reason:**

The program encountered a GETMAIN failure while building a compression dictionary.

Action:

Try increasing the region size above the 16 MB line.

ZLB0004E**DICTIONARY DID NOT PASS VALIDATION CHECKS****Reason:**

The compression dictionary build failed in the validation stage.

ZLB0005E**DICTIONARY CORRUPTED BY DB2. TS IS EMPTY. DICTIONARY WILL BE DROPPED****Reason:**

The compression dictionary has been corrupted and marked invalid by DB2. The tablespace has no data in it, so the dictionary will be dropped and a new dictionary will be created when data is loaded into the tablespace.