

CA SMF Director[®]

Message Guide

Release 12.6.00



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- CA MII Data Sharing
- CA MIM™ Resource Sharing
- CA MICS® Resource Management
- CA JARS® Resource Accounting
- CA Service Desk
- CA ACF2™ for z/OS
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Chapter 1: CAF Messages

This manual contains messages for CA SMF Director. The messages are listed in numerical order by message code, with the one-letter code at the end of each message giving you additional information:

The code	Means
A	You must perform a specific action before continuing (Condition Code 0).
D	You must make a decision before continuing. (You must reply to this message.)
E	An error has occurred (Condition Code 8).
I	This message is for information only (Condition Code 0).
P	The currently-running task has stopped. An operator command is required.
T	Terminal error. Abend (Condition Code 16).
S	Severe error (Condition Code 12).
W	Warning message. Something has gone wrong, but it is not serious enough to stop processing (Condition Code 4).

CAFO

CAF0001T

INTERNAL LOGIC ERROR nn DETECTED BY mod

Reason:

An internal logic error message appears when CA SMF Director detected an illogical condition or an error from which it could not recover. In either case, CA SMF Director was unable to complete the current transaction successfully. If the SYSXDIAG DD statement was specified in the JCL, diagnostic information is written to this file to assist in determining and resolving the problem. CA SMF Director was designed not to abend with every error it encounters, but to recover and continue processing if at all possible. Hence, the first error that occurs may cause other errors. Sever errors may cause an internal logic error.

Action:

Review the JOBLLOG, System Messages log, and CA SMF Director Audit Trail for any messages issued prior to the internal logic error message. Perform the following steps.

1. Identify the first error message that occurred. Read the reason and action documented in this guide. Follow the recommended action in the error message if it applies. Rerun the job.
2. If the previous step does not correct the problem, or if the logic error occurs again, save all output, run a CA SMF Director backup of the current SCDS, and contact Technical Support at <http://ca.com/support>.

CAF0003I

text**Reason:**

Informational.

Action:

No action required.

CAF0004I

text

Reason:

Informational.

Action:

No action required.

CAF0005I

text

Reason:

Informational.

Action:

No action required.

CAF0006I

text

Reason:

Informational.

Action:

No action required.

CAF0007I

text

Reason:

Informational.

Action:

No action required.

CAF0008I

text

Reason:

Informational.

Action:

No action required.

CAF0009W

CA SMF Director INITIALIZATION FAILED RC=nnn

Reason:

CA Common Services for z/OS CAIRIM was processing the control statement to enable or disable the automatic SMF dump feature, but was unable to complete successfully.

Action:

Note the return code (RC) and respond according to the table below.

RC

Reason/Action

08-16

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

10xx

CA SMF Director is not licensed to run. Obtain a valid LMP code for this release of CA SMF Director to run on the indicated CPU.

2001

The CA SMF Director automatic SMF dump feature was already enabled. No action required.

2002 or 0002

CA SMF Director initialization module detected an invalid parameter on the CAIRIM control statement. Correct the parameter and rerun the CAIRIM.

CAF0010T**NO DD STATEMENT FOR SYSPRINT****Reason:**

There was no DD statement in the JCL for the SYSPRINT file.

Action:

Place the appropriate DD statement in the JCL and rerun the job. Note that when dumping SMF data from logstreams, this message will appear if the CAIPRINT DD is not allocated in the JCL.

CAF0011T**PARM FIELD SPECIFICATION ERROR****Reason:**

A PARM field in the EXEC JCL statement was incorrectly specified.

Action:

Correct the PARM field and rerun the job.

CAF0012W**INVALID SID DETECTED IN BLOCK nnn****Reason:**

CA SMF Director has detected a nonalphanumeric SMF ID during the BACKUP process, or RESTORE process, or both. The configuration information for the SMF ID (SID) shown in the dumped block is ignored along with any associated History file entries.

Action:

Determine if any associated History file entries for this SID are valid. If so, manually add the entries to the SCDS using the ADDX and UPDTX Control Statements with a proper SMF ID (SID).

CAF0030T**SMF DUMP PROCESS FAILED****Reason:**

The CA SMF Director Dump Process has terminated abnormally, and the job will end with a return code of 16.

Action:

Examine the associated error messages that are generated along with this message to determine the problem. Take the necessary actions as described in this manual.

CAF0200E**KEYWORD SPECIFIED kw IS AMBIGUOUS****Reason:**

A keyword was incorrectly used. The keyword 'kw' incorrectly used appears in the message.

Action:

Correct the statement and rerun the job.

CAF0201E**KEYWORD SPECIFIED - kw - IS INVALID****Reason:**

A keyword was incorrectly specified. The invalid keyword 'kw' appears in the message.

Action:

Correct the statement and rerun the job.

CAF0202E**KEYWORD kw SPECIFIED TOO OFTEN****Reason:**

The keyword 'kw' has been used too often in the statement above.

Action:

Remove one or more occurrences of the keyword and rerun the job.

CAF0203E**REQUIRED VALUE FOR kw KEYWORD IS MISSING****Reason:**

The keyword 'kw' is missing a required value.

Action:

Supply the correct value and rerun the job.

CAF0204E**VALUE NOT PERMITTED FOR kw KEYWORD****Reason:**

An illegal value was used with keyword 'kw.'

Action:

Remove or correct the value and rerun the job.

CAF0205E**TOO MANY VALUES SUPPLIED FOR xxxx OPERAND ON yyyy STATEMENT****Reason:**

If "yyyy" is WHEN, there are more than four conditions coded. If "yyyy" is EXTRACT, there are more than 128 type/subtype combinations specified or implied. If "yyyy" is CHECKIT, more than one SID or substream/logstream name is specified.

Action:

Remove or correct the values and rerun the job. See the description of the applicable control statement in the User Guide for valid values.

CAF0206E**VALUE FORMAT IMPROPER FOR kw KEYWORD****Reason:**

The format of the value is illegal for the keyword 'kw.'

Action:

Remove or correct the values and rerun the job.

CAF0207E**VALUE FOR kw KEYWORD IS TOO LONG****Reason:**

The value contains too many characters for the keyword 'kw.' Ensure that a right parenthesis is not missing. The statement that caused the error may not be the one immediately preceding the error message but may be a number of statements back.

Action:

Correct the value and rerun the job.

CAF0208E**SYNTAX ERROR IN STATEMENT****Reason:**

The statement contains syntax errors. It may have been missing a closing quotation mark or right parenthesis. The statement that caused the error may not be the one immediately preceding the error message but may be a number of statements back.

Action:

Review the statement and its operands. Correct the statement and rerun the job.

CAF0209E**END OF FILE REACHED WHILE PROCESSING STATEMENT****Reason:**

An end-of-file condition was sensed on the input before a statement was completely processed.

Action:

Review the use of the statement and its operands. Ensure that a period appeared at the end of the statement. Correct the statement and rerun the job.

CAF0210E**VALUE FOR kw KEYWORD MUST BE NUMERIC****Reason:**

The value for keyword 'kw' must be numeric.

Action:

Correct the value in the statement and rerun the job.

CAF0211E**MAGNITUDE OF VALUE FOR kw KEYWORD TOO GREAT****Reason:**

A numeric value specified in keyword 'kw' is too large.

Action:

Correct the value in the statement and rerun the job.

CAF0212E**VALUE FOR kw KEYWORD MUST BE A RANGE****Reason:**

A range must be specified for the values in the keyword 'kw.'

Action:

Ensure that a range was used (a colon causes a range to be defined). Correct the statement and rerun the job.

CAF0213E**op OPERAND IS REQUIRED****Reason:**

The operand 'op' must be specified in the statement.

Action:

Place the operand in the statement and rerun the job.

CAF0214E**op1 IS MUTUALLY EXCLUSIVE WITH op2****Reason:**

Operands 'op1' and 'op2' cannot be used in the same statement.

Action:

Correct the operands in the statement and rerun the job.

CAF0215E**ONE OF THE FOLLOWING MUST BE SPECIFIED: op1 ... opn****Reason:**

At least one of the operands in the list (op1 ... opn) must be specified.

Action:

Correct the operands in the statement and rerun the job.

CAF0216E**op1 ... opn****Reason:**

This is a continuation of the operand list in the message CAF0215E.

Action:

Same as CAF0215E

CAF0218E**OMITTED VALUES ARE NOT VALID WITH THE kw KEYWORD****Reason:**

Keyword 'kw' is missing necessary values or subfields defined in single quotation marks have not been separated from other subfields by spaces.

Action:

Supply all necessary values for the keyword or separate subfields enclosed in quotes from other subfields with spaces, not commas; rerun the job.

CAF0219E

VALUE value SPECIFIED FOR THE kw KEYWORD IS TOO LOW

Reason:

Value is too low for keyword 'kw.'

Action:

Correct the value and rerun the job.

CAF0220E

VALUE value SPECIFIED FOR THE kw KEYWORD IS TOO HIGH

Reason:

Value is too high for keyword 'kw.'

Action:

Correct the value and rerun the job.

CAF0221E

POSITIONAL OPERAND IS MISSING

Reason:

A required operand in a specific position is missing.

Action:

Supply the missing operand and rerun the job.

CAF0222E

POSITIONAL OPERAND IS TOO LONG

Reason:

A required operand in a specific position is too long.

Action:

Verify that the operand is spelled correctly, correct the operand, and rerun the job.

CAF0223E**VALUE LIST following op POSITIONAL OPERAND IS MISSING****Reason:**

A list of values in parentheses is required for the operand 'op.'

Action:

Ensure that the list is in parentheses, correct or supply the list, and rerun the job.

CAF0224W**xxx IS NOT PERMITTED FOR yyyy - IGNORED****Reason:**

The specified value 'xxx' is not permitted on the 'yyyy' control statement or keyword. CA SMF Director will ignore this value and try to continue processing the rest of the control statement.

Action:

If necessary, correct the value specified and rerun.

CAF0300E**CONTROL STATEMENT NOT RECOGNIZED OR BYPASSED DUE TO PREVIOUS ERROR****Reason:**

The statement is not a valid statement.

Action:

Correct the statement name and rerun the job.

CAF0400W**EXPAND110 SERVICE INITIALIZATION FAILED RC=xx****Reason:**

The facility used to expand SMF 110 records during EXTRACT, PRINT, or SPLIT failed to initialize. The return code from the initialization is passed in the message.

Action:

The action to be taken depends on the return code:

4

Insufficient memory for decompression. Increase the region size for the next execution.

8

Compression Service is not supported on the architecture or platform where CA SMF Director is executing.

In either case, the EXTRACT, PRINT, or SPLIT operation will run without interruption. Any compressed SMF type 110 records will be written to the output files if selected, but they will not be expanded.

CAF0401W**INPUT RECORD OF TYPE XXX SUBTYPE XXXXX CANNOT BE PROCESSED| INPUT RECORD VERSION PREDATES COMPRESSED CICS SMF RECORDS| COMPRESSION SERVICE CSRCEsrv FAILED RC=XXX****Reason:**

One of the three possible messages above will appear if there is an error in the decompression service during an EXTRACT or PRINT operation.

Action:

Contact Technical Support at <http://ca.com/support>. Be prepared to send in all of the printed output from the EXTRACT or PRINT job including JCL, system messages, and CA SMF Director messages. The EXTRACT or PRINT job will continue uninterrupted. Compressed records will remain compressed.

CAF0500I**nnnn BLOCKS FORMATTED****Reason:**

There were nnnn blocks formatted on the SCDS file.

Action:

No action required.

CAF0501W**SCDS LOCK AUTOMATICALLY RELEASED****Reason:**

There was a lock on the SCDS yet CA SMF Director was able to automatically release the lock. This usually occurs when a previous job abended but was rerun.

Action:

Informational.

CAF0502T**SCDS LOCK RELEASE CONFLICT****Reason:**

There is a lock on the SCDS. The previous execution of CA SMF Director started to update a series of related records and either was not properly terminated, or another job was running concurrently and had the SCDS lock when your job wanted it.

Action:

Rerun the job if you suspect that another job could have been attempting to update the SCDS concurrently. If the problem persists, restore the SCDS from backup.

CAF0503I**SCDS BACKUP COMPLETE, nnnn BLOCKS COPIED****Reason:**

There were nnnn blocks copied to the SCDS file as part of the backup process.

Action:

No action required.

CAF0504I**nnnn type RECORDS/BLOCKS****Reason:**

This message indicates the number of records or blocks (nnnn) that CA SMF Director has processed during the SCDS file Backup or Restore function. 'type' denotes the record/block type identifier.

Action:

Informational. No action required.

CAF0505I**INITIALIZATION REQUESTED FOR OLD SCDS****Reason:**

Reinitialization of the SCDS file has been requested.

Action:

No action required.

CAF0506A**REPLY INITIALIZE OR BYPASS****Reason:**

A request to reinitialize the SCDS file has been issued. The operator must approve or deny it.

Action:

Respond with BYPASS unless instructed otherwise. Respond INITIALIZE to destroy the old SCDS and initialize a new one.

Be sure the operator is advised to respond INITIALIZE if the file is to be initialized. Otherwise, remove PARM=INIT from the EXEC statement.

CAF0507I**SCDS INITIALIZATION BYPASSED BY OPERATOR****Reason:**

The operator responded BYPASS to message CAF0506A.

Action:

No action required.

CAF0508I**SCDS INITIALIZATION NOT ALLOWED BY OPERATOR****Reason:**

The operator did not respond INITIALIZE to message CAF0506A.

Action:

No action required.

CAF0509E**NO SCDSBACK DD STATEMENT PROVIDED****Reason:**

A backup was requested, but there was no DD statement supplied for the SCDSBACK file.

Action:

Place a DD statement in the JCL for the SCDSBACK file and rerun the job.

CAF0510E**SCDSBACK DD STATEMENT DOES NOT REFERENCE A VALID SCDS BACKUP****Reason:**

A backup was requested, but the DD statement supplied for the SCDSBACK file specifies a file type on which the SCDS cannot be built.

Action:

Change the DD statement in the JCL for the SCDSBACK file to specify a proper device and rerun the job.

CAF0511I**SCDS RESTORE COMPLETE, nnnn BLOCKS AVAILABLE****Reason:**

CA SMF Director successfully completed restoring the SCDS file. 'nnnn' is the number of free blocks available on the SCDS file.

Action:

Informational. No action required.

CAF0512I**RESTORE REQUESTED TO OLD SCDS****Reason:**

An SCDS was restored to an old or existing SCDS file.

Action:

No action required.

CAF0513A**REPLY RESTORE OR BYPASS****Reason:**

An SCDS file restore has been requested, and the operator must approve or deny the request.

Action:

Respond with BYPASS unless instructed otherwise. Respond RESTORE to overlay the old SCDS and initialize a new one.

Be sure the operator is advised to respond with RESTORE if the SCDS is to be overlaid. Otherwise, remove PARM=RESTORE from the EXEC statement.

CAF0514I**SCDS RESTORE BYPASSED BY OPERATOR****Reason:**

The operator responded BYPASS to message CAF0513A.

Action:

No action required.

CAF0515I**SCDS RESTORE NOT ALLOWED BY OPERATOR****Reason:**

The operator did not respond RESTORE to message CAF0513A.

Action:

No action required.

CAF0516E**SCDSBACK IS NOT A VALID SCDS BACKUP****Reason:**

The file being restored is not a valid SCDS file.

Action:

Ensure that the correct file is defined in the JCL. Correct and rerun the job.

CAF0517E**SCDS IS TOO SMALL FOR DATA IN BACKUP FILE****Reason:**

The file being overlaid is smaller than the backup copy being restored.

New area can be smaller than old area only when FREE space records are at the end of the file (in the area to be deleted).

Action:

Ensure that enough space is defined in the DD statement in the JCL. Correct the SPACE operand in the DD statement and rerun the job.

CAF0518E**INSUFFICIENT MAIN STORAGE TO PERFORM RESTORE****Reason:**

The Interface Program did not have enough memory to perform the RESTORE function.

Action:

Increase the REGION operand in the EXEC JCL statement and rerun the job.

CAF0519I**RESTORE FROM BACKUP OF ddname AT time****Reason:**

The RESTORE of the file 'ddname' occurred at time of day 'time'.

Action:

No action required.

CAF0520W**SCDS HAS ONLY nn FREE BLOCKS****Reason:**

SCDS has the indicated number of remaining blocks on which to store data. CA SMF Director may not allow dumping of SMF files when this condition occurs.

Action:

Enlarge the SCDS file immediately.

CAF0521W**SCDS OPENED FOR READ ONLY UPDATE NOT ALLOWED****Reason:**

The SCDS was opened with PARM=READ and an update was attempted.

Action:

If you are authorized to update the SCDS, remove the PARM from the execute statement. Otherwise, review your input cards and remove those that update the SCDS.

CAF0522E**SCDS I/O ERROR nnn xxxx****Reason:**

CA SMF Director detected an I/O error on the SCDS file. 'nnn' is the relative block number and 'xxxx' is the description of the error.

Action:

Correct the cause of the error and rerun the job.

CAF0523E**INVALID SID/SUBNAME or LSNAME DETECTED IN BLOCK nnn AT ADDRESS aaaaaaaa****Reason:**

A non-alphanumeric SMF ID or invalid stream name has been detected during the backup process or restore process. This message will be followed by CAF1103E, which lists the block in error.

Action:

Determine if there are any associated History File entries for the the SID and stream named. If so, the entries can be added back to the SCDS with the ADDX and UPDTX control statements. For further assistance, contact Technical Support at <http://ca.com/support>. Be prepared to provide the job output of the Backup or Restore being run as well as the SCDS back up being processed and possibly a copy of your current SCDS. Then rerun the conversion job (SF16SCNV).

CAF0524E**GETMAIN FAILED DURING SCDS RESTORE OF SERVICE DESK PARAMETERS****Reason:**

During the restore of a SCDS file that contains Service Desk parameters, memory could not be obtained to process these parameters as part of the restore process.

Action:

Increase the amount of memory available to the restore batch job, by increasing the value of the REGION parameter on the JCL. The restore process needs approximately 1 KB of memory below the 16 MB line for this area. If the problem persists, consult with the systems programmer. For assistance, contact Technical Support at <http://ca.com/support>.

CAF0525I**SCDS RESTORE FROM BACKUP FILE mm/dd/yyyy hh:mm:ss IN PROGRESS****Reason:**

CA SMF Director has started to perform the restore SCDS file function using the backup file that was created on the indicated date and time.

Action:

Informational. No action required.

CAF0530I**CONTROL DATA SET dsname IS ON VOLUME volser****Reason:**

This message indicates the data set name and volume serial number of the SCDS currently used by CA SMF Director.

Action:

Informational. No action required.

CAF0550T**SCDS OPEN FAILED****Reason:**

SCDS could not be opened.

Action:

Be sure the SCDS DD statement is accurate and that the file exists as specified in the JCL. If you must restore the file, make sure that the SMF index entries are properly restored.

CAF0551T**SCDS BACKUP FAILED****Reason:**

The backup of the SCDS could not complete normally.

Action:

Review prior error messages to determine why the backup failed. Correct the error and rerun the job.

CAF0552T**SCDS RESTORE FAILED****Reason:**

The restore of the SCDS could not complete normally.

Action:

Review prior error messages to determine why the restore failed. Correct the error and rerun the job.

CAF0553I**SCDS MAINTENANCE OPTIONS CONFLICT****Reason:**

The PARM options defined in the EXEC JCL statement are in conflict.

Action:

Ensure that the PARM options are properly defined. Correct the PARM fields and rerun the job.

CAF0554W**SCDS IN USE BY jobname ON sysname****Reason:**

CA SMF Director detected that the SCDS file is or was in use by the indicated address space or jobname on system 'sysname'.

Action:

See message CAF0555A

CAF0555A**REPLY U-Use, W-Wait, or C-Cancel****Reason:**

CA SMF Director issued message CAF0554W, indicating that another task was using the same SCDS File that the current task needs access to.

Action:

Determine if the address space is still active and using the SCDS on the system indicated by message CAF0554W. If the job or address space is still using the SCDS File, reply 'W' to wait. If the job is no longer active or using the SCDS File, reply 'U' to allow the current file to access the SCDS file. A reply of 'C' will cancel the current CA SMF Director I/O request to the SCDS file, terminating the requested function.

CAF0556T**SCDS DD STATEMENT MISSING, RUN TERMINATED****Reason:**

There is no SCDS DD statement in the JCL.

Action:

Add an appropriate SCDS DD statement to the JCL.

CAF0560E**MEMORY ERROR OBTAINING SUBTYPE ARRAY****Reason:**

CA SMF Director could not allocate enough storage for the specified subtype selection.

Action:

Increase the region or try using subtype ranges instead of coding subtypes individually. You can also split the request into several statements.

CAF0600E**INSUFFICIENT REGION AVAILABLE FOR STORAGE ALLOCATION IN MODULE xxxxxxxx (EC=yyy)****Reason:**

Memory could not be allocated for use by the xxxxxxxx module.

Action:

Increase the REGION size and rerun the job. If this does not help, contact Technical Support at <http://ca.com/support>.

CAF0601E**SCDS I/O ERROR DETECTED IN MODULE xxxxxxxx (EC=yyy)****Reason:**

CA SMF Director detected an I/O error on the SCDS file in module xxxxxxxx, where yyy is the error code.

Action:

Review the JOBLLOG. Correct the cause and rerun the job.

CAF0602E**SCDS INTEGRITY FAILURE DETECTED IN MODULE xxxxxxxx (EC=yyy)****Reason:**

An integrity failure of the SCDS was detected in module xxxxxxxx, where yyy is the error code. The error may be caused by an invalid or corrupted record within the SCDS file.

Action:

Back up your SCDS. If the restore does not fix the problem, contact Technical Support at <http://ca.com/support> and be prepared to send a copy of your SCDS.

CAF0603E**INCORRECT SCDS VERSION DETECTED IN MODULE xxxxxxxx (EC=yyy)****Reason:**

Module xxxxxxxx of CA SMF Director detected an incorrect version of the SCDS file. This usually occurs when the SCDS file has not been converted to the format of the latest release.

Action:

Convert the SCDS to the format of your latest installation of CA SMF Director. If the problem persists, the SCDS file may be corrupted. Contact Technical Support at <http://ca.com/support>.

CAF0604E**DYNAMIC ALLOCATION FAILED IN MODULE xxxxxxxx (EC=yyy)****Reason:**

CA SMF Director was not able to perform the dynamic allocation. Review the related error messages for a reason. This message will be accompanied by additional messages that will contain the dynamic allocation return and reason codes that can be used to correct the failure.

Action:

Correct the cause of the problem and rerun the job.

CAF0605E**SERIALIZATION FAILURE IN MODULE xxxxxxxx (EC=yyy)****Reason:**

The ENQ call was not successful and CA SMF Director is not able to serialize the request properly.

Action:

Examine any IBM serialization messages and correct any errors. Retry the job.

CAF0610I**UNABLE TO OBTAIN EXCLUSIVE CONTROL OF SCDS FOR UTILITY OPERATION:
RETRYING****Reason:**

A CA SMF Director process is running, so the utility being run cannot obtain exclusive control of the SCDS. The utility run will wait one minute and then try again to obtain the lock. It will retry up to five times.

Action:

None needed. Information only.

CAF0611T**UNABLE TO OBTAIN EXCLUSIVE CONTROL OF SCDS FOR UTILITY OPERATION:
TERMINATING****Reason:**

A CA SMF Director process is running, so the utility being run cannot obtain exclusive control of the SCDS. The utility has tried five times and failed to obtain control

Action:

Wait until there is less CA SMF Director activity and rerun the utility.

CAF0700E**NO SID OPERAND SPECIFIED****Reason:**

The CHECKIT command requires the SID parameter.

Action:

Review the CHECKIT command in Chapter 4 of the *User Guide*. Correct the control statement and resubmit.

CAF0701E**CONFIGURATION SPECIFIED NOT IN SCDS FILE****Reason:**

The SID or substream/logstream name in the ADDX, CHECKIT, DELETX or or UPDTX control statement is not defined in the SCDS.

Action:

Review your configuration, correct the values in the SID and/or SUBNAME/LSNAME, and resubmit the job.

CAF0702I**INVALID DATE OPERAND SPECIFIED - date****Reason:**

The value specified in the date field is invalid.

Action:

Correct the date and rerun.

CAF0703I**NO DPIX RECORDS EXIST****Reason:**

No dump index records exist.

Action:

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

CAF0704I

.cm NO DSIR INDEX RECORD EXISTS NO SMF DATA INDEX RECORD(S)

Reason:

No data set index records exist for this day via the DPIX record pointers.

Action:

Use a LISTH to verify an entry in the SCDS file.

CAF0801I

pool VOLUME nnn FOR SID(xxx) MARKED COMPLETE, rsn

Reason:

The indicated volume serial 'nnn' for SMF ID 'xxx' is no longer used for creating CA SMF Director history files. 'rsn' indicates the reason why the volume will no longer be used.

Action:

Informational. No action required.

CAF0802E

TAPEINIT FOR INDIVIDUAL SMF ID NOT ALLOWED IN SYSPLEX MODE

Reason:

A TAPEINIT was attempted for an individual SMF ID that is part of a sysplex.

Action:

Issue the TAPEINIT command for the generic SMF ID "*".

CAF0803I

pri|alt POOL VOLUME FOR SYSID sid ALREADY RESET

Reason:

This message is issued when a TAPEINIT control statement is processed for the configuration SMF ID (SID), yet the next tape to be used has already been reset to use a new tape volume.

Action:

Informational. No action required.

CAF0804I

**pri|alt POOL VOLUME nnnnnn for SID xxxx WITH SUBNAME/LSNAME yyyyyyyy
MARKED COMPLETE, rrr**

Reason:

The indicated volume 'nnnnnn' has been marked as complete for the SID/stream combination for the reason indicated.

Action:

No action required.

CAF0805I

**pri|alt POOL VOLUME FOR SID xxxx WITH SUBNAME/LSNAME yyyyyyyy ALREADY
RESET**

Reason:

This message is issued when a TAPEINIT control statement is processed for the SMF ID/stream combination and the tape volume has already been reset.

Action:

No action required.

CAF0901E

SUBTYPE INDICATORS MISSING IN SPLIT STATEMENT number

Reason:

A SPLIT statement definition has become corrupted: the definition indicates SMF record subtype checking needs to be performed, but there is no subtype information available to the definition. The SPLIT definition indicated is deactivated. The DUMP that is being performed should continue without interruption.

Action:

Gather the printed output from the DUMP job as well as a copy of the input control statements that were used. For assistance, contact Technical Support at <http://ca.com/support>. As a workaround, the EXTRACT function can be used to generate the data set that would have been split out during the dump.

CAF0902E**ddname DDNAME MISSING****Reason:**

The ddname indicated in the TODD operand of a SPLIT control statement was not present in the JCL. This message will only be produced when a record in the dump being processed would be written to the indicated ddname, and if the SPLIT statement does not have a TIME operand.

Action:

Add the indicated ddname for the next DUMP process, as the DUMP will continue without interruption. To generate the output split file that was defined by the SPLIT control statement, use the EXTRACT function.

CAF0903E**ddname DDNAME INDICATES UNSUPPORTED DEVICE****Reason:**

The device pointed to by the TODD parameter in the SPLIT control statement points to an unsupported device type; or if a TIME operand is present, the device indicated by the TIMEUNIT or TIMESTORC operand is unsupported.

Action:

Supported device types are DASD, tape, and DUMMY. Correct the JCL for future runs. To generate the output split file that was defined by the SPLIT control statement, use the EXTRACT function.

CAF0904E**FILE ERROR: ddname function****Reason:**

An error occurred when trying to obtain information about or open a file indicated in the TODD operand of a SPLIT statement.

Action:

Examine the z/OS job output for additional diagnostic messages from z/OS and SMS. Take actions as indicated by IBM in their message documentation to prevent a repeat error during the next SMF dump. The current dump continues uninterrupted. To generate the output split file that was defined by the SPLIT control statement, use the EXTRACT function.

CAF0905I**SPLIT STATEMENT num: record-count RECORDS WRITTEN TO dsn****Reason:**

DUMP processing completed and a split file was successfully processed. This message indicates the data set name as well as the count of records written to the data set. This is the total number of records written regardless of whether they were written on the current dump process or previous dump processes.

If there is no TIME operand on the SPLIT statement, this indicates the number of records written during this dump process to the split file named in the message. If the TIME operand was used for this SPLIT, this message indicates the total number of records written to the file over all of the runs it was involved in.

Action:

No action. Informational only.

CAF0906E**COMPLETION CODE ENCOUNTERED: code ddname****Reason:**

An abend occurred when writing to a split file. The SMF dump continues uninterrupted.

Action:

The abend code can either indicate a system abend (ABENDxxx) or a user abend (USERnnnn). In either case, there should be additional diagnostic information produced to explain what happened and how it can be prevented in future SMF dumps. The current dump process will continue uninterrupted.

To generate the output split file that was defined by the SPLIT control statement, use the EXTRACT function.

CAF0907E**SPLIT STATEMENT xxx: DISABLED****Reason:**

During the SMF dump, an earlier condition caused a split file to be disabled.

Action:

Informational. Consult previous messages to determine the underlying reason why the file was disabled.

CAF0908E

text

Reason:

A split file or split file index could not be processed due to an error in an z/OS service routine. The message text is variable, but will indicate the ddname of the data set as well as the service macro name that was being processed.

Action:

See the dump process system message log for information regarding the service that failed. See the IBM System Messages guides for more information about the messages that are produced.

If the message indicates a failure of the duplicate index to open (indicated by the presence of DUPFAIL in the text), see message CAF0917E in the CA SMF Director Audit Trail report to determine which split index file was not duplicated. The file can be manually duplicated, or, if this was a serialization error, the next dump process should create a new duplicate index.

CAF0909E

INDEX FILE dsn FAILED TO function

Reason:

A problem was encountered when trying to process the index file named in the message. The issue occurred during the named function.

Action:

Ensure that the index file indicated in the INDEXDSN operand is cataloged and has the DCB attributes of LRECL=192, DSORG=PS, and an RECFM of FB or F.

CAF0910E

MEMORY ERROR WHEN OBTAINING INDEX FILE BUFFER FOR FILE xxxxxxxx

Reason:

When using the INDEXLIM operand, the buffer used for processing the index file could not be obtained.

Action:

The number of bytes needed for this buffer is 192 times the value of INDEXLIM. Either increase the value of the REGION= JCL parameter by this amount, or remove the INDEXLIM parameter from the SPLIT statement.

CAF0911E**DYNAMIC ALLOCATION ERROR: xxxx xxxx xxxx xxxxxxxx****Reason:**

When attempting to dynamically allocate a member of a GDG for a SPLIT statement with a TIME operand, an error occurred. The four values (from left to right) indicate the return code, dynamic allocation information, dynamic allocation error, and if SMS produces an error, the SMS error code. The split file definition is disabled.

This error message will also be used in the case of an allocation failure of a split index file when the INDEXDSN operand is present.

Action:

These codes are defined in the IBM *Authorized Assembler Services Guide* in the "Dynamic Allocation" section. Examine the code and determine if the error is correctable. If it is, correct the error for the next run.

To generate the output split files that were defined by the SPLIT control statement, use the EXTRACT function.

CAF0912W**DYNAMIC DEALLOCATION ERROR: xxxx xxxx xxxx xxxxxxxx****Reason:**

When attempting to dynamically deallocate a member of a GDG for a SPLIT statement with a TIME operand, an error occurred. The four values (from left to right) indicate the return code, dynamic allocation information, dynamic allocation error, and, if SMS produces an error, the SMS error code. The split file definition is disabled.

This error message will also be used in the case of a deallocation failure of a split index file when the INDEXDSN operand is present.

Action:

These codes are defined in the IBM *Authorized Assembler Services Guide* in the "Dynamic Allocation" section. Examine the code and determine if the error is correctable. If it is, correct the error for the next run.

To generate any further split files that were defined by the SPLIT control statement, use the EXTRACT function.

CAF0913I**SPLIT STATEMENT DISABLED****Reason:**

A SPLIT statement was disabled due to a dynamic allocation or deallocation error.

Action:

None. This is an informational message. The condition that caused the error is discussed in prior error messages.

CAF0914S**LOGIC ERROR IN SPLIT DEFINITION****Reason:**

Internal logic error. The SPLIT Definition is disabled.

Action:

For assistance, contact Technical Support at <http://ca.com/support>. Provide the entire printed output from the dump process.

To generate the output split files that were defined by the SPLIT control statement, use the EXTRACT function.

CAF0915I**SPLIT STATEMENT xxx: xxxxxxxxxxxx TOTAL RECORDS WRITTEN****Reason:**

This message reports on how many records in the dump were written to the split files generated by the indicated split statement.

Action:

No action. Informational only.

CAF0916I

SPLIT STATEMENT xxx: DISABLED BY USER EXIT xxxxxxxx

Reason:

This message reports that a user exit issued a return code of 16, disabling the split definition.

Action:

No action. Informational only.

CAF0917E

DUPLICATE INDEX FILE xxxxxxxx FAILURE. INDEX TO BE COPIED: dsn

Reason:

An error occurred involving the duplicate index file. Other error messages in the job indicate what happened.

Action:

You can create the duplicate file by copying the split file index named in the message. The other messages indicating the error with the duplicate file should be used for diagnosis and corrective action.

CAF0918W

INSUFFICIENT MEMORY FOR DUPLICATE INDEX FILE xxxxxxxx FILE WILL BE COPIED WITHOUT CLEANUP

Reason:

There is not enough memory to allocate a clean-up area for the duplicate SPLIT file index.

Action:

None. The duplicate index is copied without cleaning out unneeded entries.

Note: In the future, if duplicate index cleanup becomes necessary, increase the REGION parameter in the dump process JCL.

CAF0919E**SPLIT FILE FAILURE****Reason:**

One of the SPLIT files defined in the control statements terminated before the dump process completed for an unexpected reason.

Action:

You must examine the SPLIT statement and the error condition (in messages in the CA SMF Director audit trail and job log) and correct the condition for the next run. To recreate the SPLIT file that failed, you must perform an EXTRACT. If the SPLIT file is to be processed via the index by another application, we recommend that you use the INDEXDSN and INDEXDUP parameters on the EXTRACT control statement.

CAF0920E**SPLIT OPERATION ONLY ALLOWED DURING SMF DUMP****Reason:**

The SPLIT control statement can only be indicated during a DUMP process.

Action:

Remove the SPLIT statement from the non-DUMP process and resubmit the job. To perform the function of SPLIT to get data from the history files, use EXTRACT.

CAF0921E**MEMORY ERROR OBTAINING SPLIT MAIN BLOCK****Reason:**

Memory could not be obtained to manage the SPLIT control statement processes during a DUMP process. Split files will not be produced and the DUMP process continues uninterrupted.

Action:

Increase the REGION size in DUMP procedure JCL to ensure that the problem does not appear in future DUMP processes. This structure requires approximately 2 KB in memory.

To generate the output split file that was defined by the SPLIT control statement, use the EXTRACT function.

CAF0922E**MEMORY ERROR OBTAINING SPLIT WORK BLOCK****Reason:**

Memory could not be obtained for use by the SPLIT process during a DUMP process. Split files will not be produced and the DUMP process continues uninterrupted.

Action:

Increase the REGION size in DUMP procedure JCL to ensure that the problem does not appear in future DUMP processes. This structure requires approximately 1 KB in memory.

To generate the output split file that was defined by the SPLIT control statement, use the EXTRACT function.

CAF0923E**MEMORY ERROR OBTAINING DEFINITION WORK BLOCK****Reason:**

Memory could not be obtained for use by the SPLIT process to manage an individual SPLIT control statement. Split files are not produced and the DUMP process continues uninterrupted.

Action:

Increase the REGION size in DUMP procedure JCL to ensure that the problem does not appear in future DUMP processes. This structure requires approximately 2 KB in memory for each SPLIT control statement.

To generate the output split file that was defined by the SPLIT control statement, use the EXTRACT function.

CAF0924I**MAXIMUM 255 SPLIT STATEMENTS: ALL FURTHER SPLIT STATEMENTS IGNORED****Reason:**

More than 255 SPLIT control statements are defined in the DUMP process control statements.

Action:

The limit on SPLIT statements for a given DUMP process is 255. Remove SPLIT statements until there are 255 or fewer.

CAF0925E**MEMORY ERROR OBTAINING SPLIT SUBTYPE ARRAY****Reason:**

Memory could not be obtained for use by the SPLIT process to manage subtypes for a SPLIT control statement. Split files are not produced and the DUMP process continues uninterrupted.

Action:

Increase the REGION size in DUMP procedure JCL to ensure that the problem does not appear in future DUMP processes. This structure requires approximately 32 bytes per indicated subtype in the SPLIT control statement.

To generate the output split file that was defined by the SPLIT control statement, use the EXTRACT function.

CAF0926E**UNSUPPORTED COMPONENT NAME ON WHEN STATEMENT****Reason:**

A component name that is not supported was indicated in a WHEN operand.

Action:

Message CAF0956I will be issued with the CAF0926W message to indicate the valid component values. Make sure that all of the component values are set to one of those indicated, and that no offset-method WHEN statements are present.

CAF0927E**MEMORY ERROR OBTAINING SPLIT COMPONENT AREA****Reason:**

Memory could not be obtained for use by the SPLIT process to process a WHEN statement's SPLIT control statement. Split files are not produced and the DUMP process continues uninterrupted.

Action:

Increase the REGION size in DUMP procedure JCL to ensure that the problem does not appear in future DUMP processes. This structure requires approximately 1 KB for each SPLIT control statement that has a WHEN statement.

To generate the output split file that was defined by the SPLIT control statement, use the EXTRACT function.

CAF0928E**INVALID OPERAND COUNT ON WHEN STATEMENT****Reason:**

The WHEN statement must have at least three operands, and must have an odd number of operands that is less than or equal to nine.

Action:

Any given WHEN statement can only have 1, 2, 3, or 4 selection tests for a record of a given component type. Make sure the statement is coded as WHEN(component,test,value,...).

CAF0929E**INVALID CONDITIONAL TEST VALUE IN WHEN STATEMENT CLAUSE****Reason:**

An invalid value for a conditional test was encountered in a WHEN statement.

Action:

Ensure that all of the test conditions in all WHEN statements are one of the following: EQ, NE, GE, GT, LE, LT.

CAF0930E**INVALID LENGTH FOR DB2 SUBSYSTEM NAME IN WHEN STATEMENT****Reason:**

A DB2 subsystem name string in a WHEN statement was longer than 4 bytes.

Action:

Ensure that all of the DB2 subsystem name values in WHEN statements for DB2 are four bytes or less.

CAF0931E**MEMORY ERROR OBTAINING SPLIT COMPONENT DEFINITION AREA****Reason:**

Memory could not be obtained for use by the SPLIT process to present component test information to the SPLIT process. Split files are not produced and the DUMP process continues uninterrupted.

Action:

Increase the REGION size in DUMP procedure JCL to ensure that the problem does not appear in future DUMP processes. This structure requires approximately 1 KB for each SPLIT control statement that has a WHEN statement.

To generate the output split file that was defined by the SPLIT control statement, use the EXTRACT function.

CAF0932E**INVALID LENGTH FOR CICS APPLICATION ID IN WHEN STATEMENT****Reason:**

A CICS Application ID (APPLID) string in a WHEN statement was longer than 8 bytes.

Action:

Ensure that all of the CICS APPLID values in WHEN statements for CICS are eight bytes or less.

CAF0933E**MEMORY ERROR OBTAINING SPLIT EXIT WORK AREA****Reason:**

Memory could not be obtained for the work area to be used by an exit indicated in a SPLIT control statement.

Action:

Split exits are given a 128 byte work area. Increase the REGION parameter on the JOB or EXEC statement in the JCL.

CAF0934E**SPLIT EXIT exit-name FAILED TO LOAD****Reason:**

The entry point named in the EXIT operand on a SPLIT control statement was not found.

Action:

Ensure that the exit to be used in split processing during the dump process is available in the STEPLIB or JOBLIB concatenation, or is in the system linklist, or is in the LPA.

CAF0935I**INDEXLIM AND/OR INDEXDUP PARAMETER UNNECESSARY - IGNORED****Reason:**

The INDEXLIM operand was coded on a control statement when the INDEXDSN statement was not present.

Action:

Informational message only. To suppress the message, remove the INDEXLIM operands from any control statements that do not have an INDEXDSN operand.

CAF0936E**MEMORY ERROR OBTAINING SPLIT TIME EXTENSION AREA****Reason:**

The control block used to manage the TIME operand parameters during a dump process could not be allocated in memory. The indicated split statement is disabled.

Action:

The control block is 416 bytes. Increase the value of the REGION= JCL parameter for the next run.

To generate the output split files that were defined by the SPLIT control statement, use the EXTRACT function.

CAF0937E**TIMEUNIT OR TIMESTORC REQUIRED FOR SPLIT DEFINITION TIME PROCESSING****Reason:**

Either an SMS or non-SMS allocation must be indicated when the TIME operand is being used to switch split files.

Action:

The SPLIT definition needs to be modified to include either the TIMEUNIT operand (for non-SMS allocations) or the TIMESTORC operand (for SMS allocations) in order to allow for the allocations of split files. Correct the SPLIT statement for the next dump process.

To generate the output split files that were defined by the SPLIT control statement, use the EXTRACT function.

CAF0938E**INVALID VALUE IN TIME OPERAND ON SPLIT DEFINITION. SPLIT DEFINITION DISABLED****Reason:**

One or more of the values in a TIME operand on a SPLIT statement contained invalid values.

Action:

The values allowed in the TIME operand must be numeric and represent the hour and minute when a split file switch should take place. So the values should be between 0000 and 2359, and should be valid hours and minutes. It is also required that the values be in order, with the lower values listed first. Correct the SPLIT Statement for the next dump process.

To generate the output split files that were defined by the SPLIT control statement, use the EXTRACT function.

CAF0939E**TIMESPACE OPERAND REQUIRES 2 OR 3 VALUES****Reason:**

The number of values in the TIMESPACE operand of the SPLIT statement is incorrect.

Action:

Correct the TIMESPACE operand to have two or three values. The first value is the type of space to allocate (either TRK for tracks or CYL for cylinders). The second value is the primary quantity for the allocation. The optional third value is the secondary allocation, if needed.

To generate the output split files that were defined by the SPLIT control statement, use the EXTRACT function.

CAF0940E**PARAMETER ERROR ON TIMESPACE OPERAND****Reason:**

One of the values of the TIMESPACE operand is invalid on a SPLIT statement.

Action:

Correct the TIMESPACE operand to have proper values. The first value is the type of space to be allocated and must be set to TRK for tracks or CYL for cylinders. The second and third values are numeric and indicate the primary and secondary quantities of space. Correct the SPLIT statement for the next dump process.

To generate the output split files that were defined by the SPLIT control statement, use the EXTRACT function.

CAF0941E**TIMEGDG OPERAND REQUIRED IF TIME OPERAND IS PRESENT ON SPLIT STATEMENT****Reason:**

A SPLIT statement with the TIME operand did not also have the TIMEGDG operand.

Action:

In order to indicate which Generation Data Group the split files will be a part of, it is required that SPLIT statements with the TIME operand also have the TIMEGDG operand. Add the TIMEGDG operand, indicating the name of the GDG that the split files will be added to. Note that the TIMEGDG operand is ignored if the TIME operand is not present. Correct the SPLIT statement for the next dump process.

To generate the output split files that were defined by the SPLIT control statement, use the EXTRACT function.

CAF0942E**TIMEGDG PARAMETER TOO SHORT, MUST BE ONE BYTE****Reason:**

The TIMEGDG operand was found but contained nothing.

Action:

The value of the TIMEGDG operand must be the name of a Generation Data Group and as such should be at least one byte long, and begin with an alphabetic character. Correct the SPLIT statement for the next dump process.

To generate the output split files that were defined by the SPLIT control statement, use the EXTRACT function.

CAF0943W**TIMEBLKSIZE VALUE TOO BIG ON SPLIT STATEMENT DEFAULTING TO 32760****Reason:**

The value of the TIMEBLKSIZE operand on the SPLIT statement was greater than 32760.

Action:

Edit the value of TIMEBLKSIZE for the next dump process so that it is 32760 or less. For this run, the BLKSIZE will be set to 32760.

CAF0944W**TIMELRECL VALUE TOO LARGE, DEFAULTING TO 4 LESS THAN TIMEBLKSIZE VALUE****Reason:**

The value of TIMELRECL must be no more than 4 less than the value of TIMEBLKSIZE.

Action:

For this run, the value defaults to the value of TIMEBLKSIZE less 4. Change the TIMELRECL operand in the SPLIT statement so that the value is at least four less than the value of TIMEBLKSIZE for future dump process runs.

CAF0945E**TIMELRECL OPERAND REQUIRES THAT TIMEBLKSIZE OPERAND BE PRESENT****Reason:**

If the TIMELRECL operand is present on a SPLIT statement, the TIMEBLKSIZE must also be coded. The split statement is disabled for this dump process.

Action:

Add a TIMEBLKSIZE operand to the SPLIT statement. Ensure that the value of TIMEBLKSIZE is at least 4 more than the value of TIMELRECL.

To generate the output split files that were defined by the SPLIT control statement, use the EXTRACT function.

CAF0946E**DDNAME INDICATED IN INDEXDUP MISSING****Reason:**

The ddname value in the INDEXDUP parameter is missing from the dump process JCL.

Action:

Change either the ddname in the JCL or the value of the INDEXDUP parameter so that they match.

CAF0947E**INVALID TIMEVOLCOUNT VALUE: GREATER THAN 255****Reason:**

The TIMEVOLCOUNT parameter on a SPLIT control statement was greater than 255.

Action:

Reduce the value of the TIMEVOLCOUNT parameter to 255 or less. Use EXTRACT to recreate the split file that would have been produced by the SPLIT control statement.

CAF0948E**INVALID TIMERETPD VALUE: GREATER THAN 9999****Reason:**

The TIMERETPD parameter on a SPLIT control statement was greater than 9999.

Action:

Reduce the value of the TIMERETPD parameter to 9999 or less. Use EXTRACT to recreate the split file that would have been produced by the SPLIT control statement.

CAF0949E**INVALID DATE INDICATED IN TIMEEXPDT OPERAND****Reason:**

The value in TIMEEXPDT is an invalid Julian Date.

Action:

Correct the value of TIMEEXPDT either to a valid date or one of the two special expiration dates: 99000 or 99366. Use EXTRACT to recreate the split file that would have been produced by the SPLIT control statement.

CAF0950E**MORE THAN ONE OFFSET BASED WHEN OPERAND OR MIXED WHEN OPERANDS DETECTED****Reason:**

The first WHEN operand on an EXTRACT or PRINT statement is using the offset method to select records for processing. Another WHEN operand was also present on the EXTRACT or PRINT statement. If an offset-method WHEN operand is first, there can be only one WHEN operand.

Action:

Correct the EXTRACT or PRINT statement and rerun the job.

CAF0951E**INVALID LENGTH FOR JOB NAME IN WHEN STATEMENT****Reason:**

The length of the job name for a WHEN operand for the JOB component is longer than 8 characters.

Action:

Adjust the job name so it is shorter than 8 characters. The split file will be created but the WHEN operand in the statement will not be honored.

CAF0952E**INVALID LENGTH FOR RESPONSE CODE VALUE IN WHEN STATEMENT****Reason:**

The value for the response code in a type 8 record must be between 0 and 255.

Action:

Adjust the response code value in the WHEN operand to be between 0 and 255. The split file will be created but the WHEN operand in the statement will not be honored.

CAF0953E**INVALID LENGTH FOR DATA SET NAME IN WHEN STATEMENT****Reason:**

Data set names must be between 1 and 44 characters.

Action:

Adjust the data set name in the WHEN operand to be between 1 and 44 characters. The split file will be created but the WHEN operand in the statement will not be honored.

CAF0954E**INVALID LENGTH FOR USER ID IN WHEN STATEMENT****Reason:**

TSO user IDs must be 7 characters or less.

Action:

Adjust the user ID in the WHEN operand to be between 1 and 7 characters. The split file will be created but the WHEN operand in the statement will not be honored.

CAF0955E**SPLIT STATEMENT MEMORY ERROR. SPLIT PROCESSING DISABLED****Reason:**

Memory could not be obtained for split file processing. Split files will not be produced in this dump process.

Action:

Increase the region size for the dump process JCL. The split files can be reproduced using the EXTRACT statement.

CAF0956I

VALID COMPONENTS ARE CICS, DB2, DSN, JOB, SECU, SECR, TSO

Reason:

This message is a follow-up to message CAF0926W. It identifies the valid component values for the WHEN operand.

Action:

None required, although an action is needed to correct the situation that generated the CAF0926W message. See the CAF0926W message for more information.

CAF0957E

TIMERECFM MUST BE VB OR VBS

Reason:

The value coded in the TIMERECFM operand is not supported.

Action:

Change the value to one of the supported values: either VB or VBS. Resubmit or restart the dump process.

CAF0958W

TIMECLOSE MUST BE YES, NO OR FORCE; DEFAULTING TO NO

Reason:

The value coded for the TIMECLOSE operand is not supported.

Action:

Change the value to one of the supported values: YES, NO, or FORCE. The dump that is running will continue to completion.

CAF0959W**TIMEFILL MUST BE YES or NO; DEFAULTING TO NO****Reason:**

The value coded for the TIMEFILL operand is not supported.

Action:

Change the value to one of the supported values: YES or NO. The split file process continues with TIMEFILL set to NO, the default. The dump that is running continues to completion.

CAF0960W**MAXIMUM EMPTY INTERVALS CREATED****Reason:**

More than four intervals (as indicated by the TIME operand in the SPLIT statement) have passed when TIMEFILL(YES) is indicated.

Action:

None needed for CA SMF Director. The dump that is running continues to completion. But application programs and JCL that process the split file that is produced may need to be adjusted to account for the missing intervals.

CAF0961W**INDEXDSN REQUIRED BY TIMECLOSE; DEFAULTING TO NO****Reason:**

For the TIMECLOSE(YES) and TIMECLOSE(FORCE) operands to process properly, the split file being defined must be indexed. This requires that an INDEXDSN operand be present in the definition.

Action:

Indicate the split file index to be used by the SPLIT statement. If an index has not been created, allocate a new split file index. (See the *Systems Programmer Guide* and the *User Guide* for more information on split file indexes.)

The dump that is running continues to completion with the TIMECLOSE operand set to NO, the default.

CAF0970W

TYPE 110 EXPANSION FAILED IN SPLIT STATEMENT todd-name RETURN CODE=rc

Reason:

An attempt to expand a type 110 record failed. The ddname in the TODD operand and the return code from the expansion call are indicated in the message.

Action:

The CAF0971W message will follow this message and indicate what happened. Follow the action in that message. The record that could not be expanded is written compressed to the split file and the dump continues. The other records are written to the split file.

CAF0971W

INPUT RECORD OF TYPE XXX SUBTYPE XXXXX CANNOT BE PROCESSED| INPUT RECORD VERSION PREDATES COMPRESSED CICS SMF RECORDS| COMPRESSION SERVICE CSRCE\$RV FAILED RC=XXX

Reason:

One of the three possible messages above will appear if there is an error in the decompression service during the dump process for a split file.

Action:

Contact Technical Support at <http://ca.com/support>. Be prepared to send in all of the printed output from the dump process job. The dump process will continue uninterrupted. Records will continue to be written to the split file but they will still be compressed.

CAF0972E

SPLIT STATEMENT @@@: INVALID RECFM. ONLY RECFM=VB OR VBS ALLOWED

Reason:

JCL for a split file was coded with a RECFM other than VB or VBS.

Action:

Change the DD Statement indicated by the TODD in the SPLIT statement to RECFM=VB or RECFM=VBS for the next dump process that will produce this split file. Use the EXTRACT process to recreate the split file that may have been produced.

CAF0973E

SPLIT STATEMENT @@@: RECORD WITH LRECL @@@@ FOUND. SPLIT FILE WILL TERMINATE

Reason:

An SMF record with an LRECL greater than the LRECL value indicated in the JCL has been encountered.

Action:

Increase the value of the LRECL on the DD Statement indicated by the TODD operand on the SPLIT statement for the next dump process that will produce this split file. Use the EXTRACT process to recreate the split file that may have been produced.

CAF0980E

SERVICE DESK PARAMETER AREA NOT PRESENT OR CORRUPTED

Reason:

The Service Desk interface program was called but the expected parameter list was not passed to it.

Action:

For assistance, contact Technical Support at <http://ca.com/support>. If a dump was produced in the batch job that was running, save it and be prepared to send it to CA when you call.

CAF0981E

NO WORK AREA PROVIDED FOR SERVICE DESK INTERFACE

Reason:

The Service Desk interface was called with a correct parameter list, but no work space had been provided.

Action:

For assistance, contact Technical Support at <http://ca.com/support>. If a dump was produced in the batch job that was running, save it and be prepared to send it to CA when you call.

CAF0982E**NO WORK AREA PROVIDED FOR SERVICE DESK API****Reason:**

The Service Desk interface called the Common Services Service Desk API but without a work area.

Action:

For assistance, contact Technical Support at <http://ca.com/support>. If a dump was produced in the batch job that was running, save it and be prepared to send it to CA when you call.

CAF0983E**SERVICE DESK INTERFACE PROGRAM NOT LOADED****Reason:**

A call was made to open a Service Desk request, but the service desk interface program was not loaded.

Action:

Make sure all load libraries shipped with CA SMF Director are concatenated to STEPLIB or JOBLIB in the job. If they are, verify from your installation that module JMSDETPH installed correctly and is present in the concatenation.

CAF0984E**SERVICE DESK APPLICATION PROTOCOL NOT AVAILABLE****Reason:**

A call was made to open a Service Desk request, but the service desk API program was not loaded.

Action:

Make sure all load libraries shipped with CA SMF Director are concatenated to STEPLIB or JOBLIB in the job. If they are, verify from your installation that module CASOAPI installed correctly and is present in the concatenation.

CAF0985E**SERVICE DESK REQUEST SUMMARY NOT FOUND OR IN ERROR****Reason:**

The Summary text that would be sent to Service Desk for the indicated situation was not found or was too long.

Action:

For assistance, contact Technical Support at <http://ca.com/support>. If a dump was produced in the batch job that was running, save it and be prepared to send it to CA when you call.

CAF0986E**SERVICE DESK REQUEST DESCRIPTION TOO LONG****Reason:**

The Description text that would be sent to Service Desk for the indicated situation was too long.

Action:

For assistance, contact Technical Support at <http://ca.com/support>. If a dump was produced in the batch job that was running, save it and be prepared to send it to CA when you call.

CAF0987E**SERVICE DESK PRIORITY OUT OF BOUNDS****Reason:**

The Service Desk interface was called with a request priority of less than 1 or greater than 5.

Action:

For assistance, contact Technical Support at <http://ca.com/support>. If a dump was produced in the batch job that was running, save it and be prepared to send it to CA when you call.

CAF0989W**SERVICE DESK ALTERNATE USER ID TOO LONG - IGNORED****Reason:**

The alternate user ID for the Service Desk provided to the Service Desk interface was too long. The Service Desk interface will attempt the call without an alternate user ID.

Action:

For assistance, contact Technical Support at <http://ca.com/support>. If a dump was produced in the batch job that was running, save it and be prepared to send it to CA when you call.

CAF0990W**SERVICE DESK ALTERNATE PASSWORD TOO LONG - IGNORED****Reason:**

The alternate password for the Service Desk provided to the Service Desk interface was too long. The Service Desk interface will attempt the call without an alternate user ID and password.

Action:

For assistance, contact Technical Support at <http://ca.com/support>. If a dump was produced in the batch job that was running, save it and be prepared to send it to CA when you call.

CAF0991E**SERVICE DESK ALTERNATE PASSWORD MUST BE PROVIDED FOR ALTERNATE USER ID****Reason:**

An alternate user ID was provided to the Service Desk interface, but an alternate password was not. If an alternate user ID is to be used, it must be accompanied by an alternate password.

Action:

For assistance, contact Technical Support at <http://ca.com/support>. If a dump was produced in the batch job that was running, save it and be prepared to send it to CA when you call.

CAF0992W**SERVICE DESK URL TOO LONG - IGNORED****Reason:**

The URL of the Service Desk provided to the Service Desk interface was too long.

Action:

An attempt to open a Service Desk request will be made to a possible Service Desk URL default located in the SOAP Client Service (CAISDI/soap) address space.

CAF0993W**SERVICE DESK CONTACT INFORMATION TOO LONG - IGNORED****Reason:**

The information that is sent to Service Desk indicating that the requestor is CA SMF Director was too long. The request will be made without contact information, and, when it is opened in Service Desk, it will be unassigned.

Action:

For assistance, contact Technical Support at <http://ca.com/support>. If a dump was produced in the batch job that was running, save it and be prepared to send it to CA when you call.

CAF0994I**SERVICE DESK REQ# XXXXXXXXXXXXXXXX OPENED****Reason:**

A Service Desk request was opened for CA SMF Director. The message indicates the request number.

Action:

Information only. There will be action to take based on the condition that generated the Service Desk request, however.

CAF0995E**SERVICE DESK REQUEST FAILED XXXX YYYY ZZZZZZZZ AAAAAAAA****Reason:**

A call to open a Service Desk request failed. Response codes are displayed as follows:

XXXX

Service Desk Interface Return Code

YYYY

Service Desk Interface Feedback Code

ZZZZZZZZ

Service Desk API Error Code (in hex)

AAAAAAA

Service Desk function that failed

Interface return codes are as follows:

0001

CA SMF Director Service Desk template not found; request opened without a template.

0004

Warning

0008

Error in Communication or Service Desk API. When this error comes up, the feedback is the return code from the Service Desk API. This value combined with the value of the Service Desk API Error Code will indicate what went wrong with the call.

Action:

Interpret the error codes and correct any issues that are present. For more information on the return codes and API error codes, see the *User Guide*, the *CA Common Services for z/OS Service Desk Integration Guide*, and the *CA Common Services for z/OS Message Guide*.

CAF0996E

message text

Reason:

A call to open a Service Desk request produced an error message in Service Desk that is to be relayed back to the requestor.

Action:

The message indicates what errors occurred during the call. See the Service Desk documentation for more information.

CAF0997E

HTTP ERROR: XXXX

Reason:

A call to open a Service Desk request resulted in an HTTP error. The HTTP error code is indicated in the message.

Action:

The HTTP error code indicated is documented in the HTTP protocol definition. This information, along with other diagnostics, can be used to troubleshoot the reason why the Service Desk request was unsuccessful.

CAF1**CAF1000E**

from/to OPERAND date/time FORMAT IS INVALID

Reason:

The date/time format specified in the from/to operand is invalid.

Action:

Correct the date or time field and rerun the job.

CAF1001E

from/to OPERAND PAIR DOES NOT SPECIFY AN ASCENDING RANGE

Reason:

The date and time fields specified in the FROM and TO operands are not in ascending sequence.

Action:

Correct the data and time fields and rerun the job.

CAF1002E

INVALID RANGE SPECIFICATION IN op OPERAND

Reason:

The range specified for the 'op' operand is not valid.

Action:

Correct the range and rerun the job.

CAF1003E

INVALID FORMAT IN MONTH OPERAND

Reason:

The MONTH operand format is invalid.

Action:

Correct the invalid MONTH operand and rerun the job.

CAF1004E

INVALID FORMAT IN YEAR OPERAND

Reason:

The YEAR subfield format is invalid.

Action:

Correct the invalid YEAR operand and rerun the job.

CAF1005E**IMPROPER LANGUAGE SPECIFICATION IN EXIT OPERAND****Reason:**

The language specified with the module name in the EXIT operand was not COBOL, COB, ASM, PLI, or PL1.

Action:

Place the correct language definition in the operand and rerun the job.

CAF1006E**IMPROPER FORMAT FOR EXIT OPERAND****Reason:**

A slash did not appear between the module name and the language specification.

Action:

Correct the EXIT operand and rerun the job.

CAF1007E**DUPLICATE DUMP REQUEST****Reason:**

A DUMP request was specified more than once.

Action:

Take out the additional DUMP requests and rerun the job.

CAF1008E**IMPROPER MIX OF DUMP AND DATA PROCESSING FUNCTIONS****Reason:**

If the DUMP option is used, other options such as PRINT and EXTRACT cannot be used at the same time.

Action:

If data options are needed immediately, the SPLIT control statement can be used. Otherwise, remove all other control statements and rerun the job. Additional functions can be performed in subsequent job steps in the run.

CAF1009E

INVALID SYSTEM IDENTIFIER SPECIFIED - sid

Reason:

The system identifier 'sid' is not recognized as one that is on the SCDS file.

Action:

Correct the system identifier and rerun the job.

CAF1010I

REQUEST ACCEPTED

Reason:

The previous statement requesting an action was accepted.

Action:

No action required.

CAF1011E

IMPROPER VALUE SPECIFIED FOR WITH OPERAND

Reason:

The field specified in the WITH operand is not valid.

Action:

Correct the field and rerun the job.

CAF1012E

INTERFACE WITH S1DAY ALREADY SPECIFIED

Reason:

An INTERFACE statement specifying WITH S1DAY has already been requested.

Action:

Remove the invalid INTERFACE statement and rerun the job.

CAF1013E**SID REQUIRED WHEN MULTIPLE CONFIGS ARE DEFINED****Reason:**

A request for action on more than one SID was made but the specific SIDs were not supplied.

Action:

Supply the SID values and rerun the job.

CAF1014E**DDNAME LIST MUST CORRESPOND TO SID LIST****Reason:**

There is not a one-to-one correspondence between the SID list and the ddname list.

Action:

Ensure that there is one ddname specified for each SID and rerun the job.

CAF1015I**TIME PERIOD CALCULATED IS FROM from-date AT from-time TO to-date AT to-time****Reason:**

CA SMF Director calculated the time period for the current request to start on 'from' and end on 'to'.

Action:

No action required.

CAF1016E**RUN TERMINATED DUE TO ERRORS IN INTERFACE PROCESSING****Reason:**

The interface had errors that caused it to terminate.

Action:

Correct the errors in the INTERFACE statement and rerun the job.

CAF1101E

I/O ERROR ENCOUNTERED READING BLOCK FROM SCDS

Reason:

Could be a hard error or attempt to read beyond the file.

Action:

SCDS file must be restored and/or made larger.

CAF1103E

SCDS BLOCK nnnn :

Reason:

Because of a user request or detected error, the SCDS data block is shown in dump format. 'nnnn' is the relative block ID number.

Action:

Informational. No action required.

CAF1200E

BEGIN STATEMENT ENCOUNTERED WITHIN DEFINITION

Reason:

The BEGIN statement does not appear in the proper order.

Action:

Ensure that the BEGIN statement follows the COMPILE statement. Correct the order of the transactions and rerun the job.

CAF1201E

UNRECOGNIZED STATEMENT

Reason:

The previous statement is not a valid statement within the set of statements being compiled.

Action:

Correct the statement and rerun the job.

CAF1202E**SYNTAX ERROR IN STATEMENT****Reason:**

A syntax error occurred in the previous statement.

Action:

Review the operands and associated subfields for errors, correct the errors, and rerun the job.

CAF1203E**END OF FILE DURING STATEMENT****Reason:**

An end-of-file condition was recognized in the middle of the previous statement before a period was detected.

Action:

Ensure that a period was not missing. Correct the error and rerun the job.

CAF1204E**END OF FILE DURING DEFINITION****Reason:**

An end-of-file condition was recognized before an END statement was encountered.

Action:

Ensure that an END statement is present for each COMPILE statement. Add the END statement and rerun the job.

CAF1205E**FIRST STATEMENT IN DEFINITION IS NOT A BEGIN****Reason:**

A COMPILE statement must be followed by a BEGIN.

Action:

Either remove the COMPILE statement or add a BEGIN statement and rerun the job.

CAF1206W

END STATEMENT CONFIG NUMBER DOES NOT MATCH BEGIN STATEMENT

Reason:

The CONFIG operand on the BEGIN and END statements is not the same.

Action:

This is a warning. The configuration number is taken from the BEGIN statement.

CAF1207E

INVALID SYSOUT CLASS SPECIFIED - class

Reason:

The class specified in the CLASS operand is not valid.

Action:

Correct the class value and rerun the job.

CAF1208E

SYSOUT CLASS ALREADY SPECIFIED - class

Reason:

The class specified in the CLASS operand has already been specified.

Action:

Correct the class value and rerun the job.

CAF1209E

DEFINITION DISCARDED DUE TO ERRORS

Reason:

The entire configuration definition (from BEGIN to END) was discarded due to at least one error during its processing.

Action:

Correct the errors and rerun the job.

CAF1210E**SID MISSING FROM COMPILE****Reason:**

This should never occur.

Action:

If the SID parameter is indeed missing from the COMPILE statement, correct the error and rerun the job. Otherwise, save all output and contact Technical Support at <http://ca.com/support>.

CAF1211E**INVALID DEVICE CLASS SPECIFIED FOR ddname****Reason:**

An attempt was made to allocate a history file to an incorrect device type. Either the DD statement points to a device other than tape or DASD, or there is no DD statement when the history file is allocated to DASD.

Action:

If your installation employs DASD history files, make sure the appropriate HISTORYn DD statement is coded in the JCL. If attempting the dynamic allocation of tape history files, make sure your PDEVN and ADEVN options point to the right unit name.

CAF1212W**DEVICE CLASS ALREADY DEFINED****Reason:**

The class number specified has already been defined.

Action:

Correct the class number and rerun the job.

CAF1213E

INVALID VALUE SPECIFIED FOR xxxx

Reason:

The indicated operand contains an invalid value.

Action:

Correct the operand causing the error and rerun the job.

CAF1214E

DUMP OPTION ALREADY SPECIFIED

Reason:

This message is issued when the Interface Program is used in conjunction with CA SMF Director. It indicates that a DUMP Option was selected and that the above statement is bypassed.

Action:

Correct the error and rerun the job.

CAF1217E

SYSTEM SPECIFICATION ALREADY PROCESSED

Reason:

A second SYSTEM statement was encountered within a BEGIN/END set of statements.

Action:

Remove all but one of the SYSTEM statements and rerun the job.

CAF1218E**SMF DATA FROM MULTIPLE SYSTEMS DETECTED BUT NOSYSplex OPTION WAS SPECIFIED****Reason:**

The CA SMF Director DUMP function found SMF records in the input data set from more than one system.

Action:

Check the input data set. The input SMF data set must contain SMF/RMF records from one z/OS system if the SYSplex option is disabled. CA SMF Director can only process SMF/RMF records from multiple systems at one time when the SYSplex option is enabled.

CAF1219E**AUTHORIZATION DENIED FOR xxxxxx REQUEST****Reason:**

The external security product installed notified CA SMF Director that the indicated request is not to be allowed.

Action:

Your security administrator has not given you permission to perform this CA SMF Director function.

CAF1220E**INVALID VALUE FOR SDAY****Reason:**

The value coded in the SDAY option must be in hhmm format, between 0000 and 2400.

Action:

Correct the value and rerun the job.

CAF1221W**KEYWORD IS NO LONGER SUPPORTED****Reason:**

The operand or keyword is no longer valid for this release of CA SMF Director.

Action:

Remove the operand causing the error and rerun the job. and rerun the job.

CAF1223E**JULIAN DATE date IS INVALID FOR xxxx****Reason:**

The indicated julian date is invalid for the indicated operand.

Action:

Correct the operand causing the error and rerun the job.

CAF1224E**OPERAND MUST HAVE VALUE OF 1-9999****Reason:**

The operand specified contains an invalid value range.

Action:

Correct the operand causing the error and rerun the job.

CAF1225W**NO INDEX TO ENTRY: bbb dddd vvvv ffff mmmm****Reason:**

During the restore process CA SMF Director could not find an index pointer to the indicated entry from the SCDS backup file. This problem occurs when index pointers have been corrupted for some reason on the original SCDS file. 'bbb' is the internal SCDS block number, 'dddd' file sequence number, 'vvvv' is the data set name.

Action:

After the restore is completed, ensure that all desired entries have been restored successfully by using the LISTH command. If the entries listed in this message are missing, use the ADDX command to add them manually.

CAF1226E**VS1 TIME LIMIT IS TOO HIGH****Reason:**

The value specified in the first VS1 subfield cannot exceed 9999.

Action:

Correct the value and rerun the job.

CAF1227E**VS1 CPU PCT LIMIT IS GREATER THAN 100****Reason:**

The value specified in the second VS1 subfield cannot exceed 100.

Action:

Correct the value and rerun the job.

CAF1228E**JOBLOG IS OUT OF POSSIBLE SMF RECORD RANGE****Reason:**

The offset established for the JOBLOG exceeds 32,746.

Action:

Correct the JOBLOG value and rerun the job.

CAF1229I**NOW MIGRATING INTERMEDIATE POOL DATA SET(S) TO PRIMARY POOL****Reason:**

CA SMF Director has determined that data sets currently existing within the intermediate pool are to be migrated to the primary pool.

Action:

Informational. No action required.

CAF1230E**RANGE VALUES MUST BE ASCENDING****Reason:**

If the record types are specified as a range (using a colon) then they must be ascending in value.

Action:

Correct the range specification and rerun the job.

CAF1231E**VS1 OPERAND REQUIRES OPSYS TO BE VS1****Reason:**

The VS1 operand on the SYSTEM statement cannot be specified unless the OPSYS operand is VS1.

Action:

Correct the statement and rerun the job.

CAF1232E**SMF DATA FROM MULTIPLE SYSTEMS WAS DETECTED****Reason:**

The CA SMF Director dump function encountered SMF records from more than one system.

Action:

Check the input data set. The input SMF data set must contain SMF/RMF data from only one z/OS system. If the SMF records with the different SID were created by an accident and can be ignored, you may consider using the IGNORE parameter of CA SMF Director. To keep the data with different SID values in the archive, the FORCE parameter can be used. The FORCE parameter should only be used if it is determined that the value in the SID is valid even if it does not match the SID for the system where the data is being recorded.

CAF1233E

SID EXPECTED: xxxx ACTUAL SID yyyy

Reason:

This follows the CAF1232E message. It reports the SMF ID that was found in the record that is invalid.

Action:

None needed, except for the action in CAF1232E. This message just contains additional information.

CAF1234I

ERROR WHEN PROCESSING INPUT RECORD xxxx

Reason:

When attempting to process an SMF record during the dump process, a terminal error occurred. This message indicates the number of the record that was being processed.

Action:

Information only, but there will be additional messages in the audit trail report that indicate the error that has occurred. Use those messages as a guide to take corrective action and then retry the dump.

CAF1235E

LDAY AND SDAY CANNOT BOTH BE CODED

Reason:

The LDAY and SDAY operands cannot both be present.

Action:

Remove one of the operands and rerun the job.

CAF1236E**TRTCH OPERAND VALUE ERROR****Reason:**

The value of the TRTCH operand on the DUMPOPTIONS control statement was set incorrectly.

Action:

Change the value of the TRTCH operand to a value that is allowed in standard z/OS JCL. Valid values are NOCOMP, COMP, C, E, ET, or T.

CAF1237E**ATRTCH OPERAND VALUE ERROR****Reason:**

The value of the ATRTCH operand on the DUMPOPTIONS control statement was set incorrectly.

Action:

Change the value of the ATRTCH operand to a value that is allowed in standard z/OS JCL. Valid values are NOCOMP, COMP, C, E, ET, or T.

CAF1240W**INVALID SERVICE DESK PRIORITIES SET****Reason:**

On the OPTIONS statement one of the following happened:

- SDHIGHSEVERITY is set to a value that is not 1, 2, 3, or 4.
- SDLOWSEVERITY is not set to a value between SDHIGHSEVERITY and 5.

This message is only a warning. If it appears, SDHIGHSEVERITY is set to 2, and SDLOWSEVERITY is set to 4, which are the default values.

Action:

If values other than the defaults are required, reset the values of SDLOWSEVERITY and SDHIGHSEVERITY on the OPTIONS control statement and resubmit the batch job.

CAF1241E**SERVICE DESK URL TOO LONG****Reason:**

On the OPTIONS statement check the following:

- That the SDURL parameter is shorter than 255 characters.
- That the SDURL parameter right parenthesis is present.
- That the value in SDURL is enclosed in single quotes.

Action:

Reset the value of SDURL as defined in the OPTIONS statement documentation in the *User Guide*. Once that is done, resubmit the batch job to update the OPTIONS.

CAF1242E**SERVICE DESK USER ID TOO LONG****Reason:**

On the OPTIONS statement, check the following:

- That the SDUSERID parameter is shorter than 64 characters.
- That the SDUSERID parameter right parenthesis is present.

Action:

Reset the value of SDUSERID as defined in the OPTIONS statement documentation in the *User Guide*. Once that is done, resubmit the batch job.

CAF1243E**SERVICE DESK PASSWORD TOO LONG****Reason:**

On the OPTIONS statement check the following:

- That the SDPASSWORD parameter is shorter than 64 characters.
- That the SDPASSWORD parameter right parenthesis is present.

Action:

Reset the value of SDPASSWORD as defined in the OPTIONS statement documentation in the *User Guide*. Once that is done, resubmit the batch job.

CAF1244E**SERVICE DESK PASSWORD REQUIRED IF USER ID INDICATED****Reason:**

If the SDUSERID operand is present in an OPTIONS statement, it is required that the SDPASSWORD operand also be present.

Action:

Provide the SDPASSWORD operand on the OPTIONS statement and resubmit the batch job.

CAF1245W**MAXFILESONVOL OPERAND VALUE GREATER THAN 32760. TAKING DEFAULT VALUE****Reason:**

The value set in the MAXFILESONVOL parameter was set to more than 32760 in the OPTIONS or DUMPOPTIONS statements.

Action:

None needed. CA SMF Director will set the parameter value to 300, which is the default. If 300 is not desired, correct the error in the parameter value and rerun the job.

CAF1246E**INVALID SUBSTREAM/LOGSTREAM NAME xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx****Reason:**

The stream name specified is not a valid SMF stream name.

Action:

Correct the SUBNAME/LSNAME operand and rerun the job.

CAF1247E**FIRSTYEAR OPERAND VALUE OUT OF RANGE****Reason:**

The year on the FIRSTYEAR operand is not valid.

Action:

Specify a year from 1960 to the current year.

CAF1249E**SELECTED RECORD TYPES MUST BE MUTUALLY EXCLUSIVE FOR ALL SUBSTREAMS IN A CONFIGURATION****Reason:**

The selected record types are not mutually exclusive with the types already defined to another substream in the same system.

Action:

Review the LISTC output for all substreams within the same configuration and for the selected records, then specify the records accordingly. If necessary, you can reset the selected types for a substream by coding EXCLUDE(0:255) on STREAMOPTIONS. This will effectively disable that particular substream.

CAF1250E**SELECT/EXCLUDE OPERANDS VALID ONLY FOR SUBSTREAM****Reason:**

The SELECT/EXCLUDE operands in the STREAMOPTIONS statement are valid only for substreams.

Action:

Correct your job and rerun.

CAF1300I**PREVIOUS DEFINITION OF CONFIG DELETED****Reason:**

The configuration previously defined is deleted from the SCDS file.

Action:

No action required.

CAF1301I**CONFIGURATION DEFINITION xxxx yyyy****Reason:**

The indicated configuration definition was saved on the SCDS.

Action:

Informational. No action required.

CAF1302E**SCDS IS FULL****Reason:**

There was insufficient room on the SCDS file to store the configuration.

Action:

Enlarge the SCDS file as described in the *Systems Programmer Guide*. Rerun the job.

CAF1303E**MAXIMUM CONFIG DEFINITIONS REACHED****Reason:**

An attempt was made to add a configuration to a SCDS in which 255 configurations were already defined.

Action:

Create a new SCDS to handle the additional configurations.

CAF1304I**nnn RECORDS FOR SYSID xxxx MIGRATED TO PRIMARY POOL****Reason:**

CA SMF Director has successfully migrated the indicated number of SMF records from data sets in the intermediate pool to the primary pool.

Action:

Informational. No action required.

CAF1310I**OPTIONS SAVED****Reason:**

The OPTIONS were saved to the SCDS.

Action:

Informational. No action required.

CAF1311W**OPTIONS NOT SAVED - reason****Reason:**

The OPTIONS were not saved due to errors. See the reason printed in the message and review your job.

Action:

Review the job and rerun. If there are no configurations defined, use the COMPILE statement to create a configuration before changing the OPTIONS.

CAF1500I**AUTODELETE PERFORMED WITH nnn INDEX ENTRIES DELETED****Reason:**

The AUTODELETE feature of CA SMF Director was enabled finding the indicated number of expired index entries, which were removed from the SCDS.

Action:

Informational. No action required.

CAF1501E**THE FILE SPECIFIED BY THE SOURCE OPERAND COULD NOT BE OPENED****Reason:**

The source file defined by the DDNAME operand could not be opened.

Action:

Correct the DD JCL statement and rerun the job.

CAF1502E

RECORD(S) EXIST IN THE FILE AFTER THE END STATEMENT

Reason:

The file pointed to by the DDNAME operand included statements after the END statement.

Action:

Correct the source file and rerun the job.

CAF1503I

PHYSICAL DELETION OF EXPIRED HISTORY FILE dsname WAS UNSUCCESSFUL.

Reason:

During AUTODELETE processing, CA SMF Director was unable to delete the expired DASD history file identified in the message.

Action:

Manually delete the expired history file.

CAF1600E

VALUE FOR ACTUAL OPERAND IS INVALID

Reason:

The value specified in the ACTUAL subfield must be REPORT or POST.

Action:

Correct the subfield and rerun the job.

CAF1601E

VALUE FOR CLASS OPERAND IS INVALID

Reason:

The class number must be a value 01-30.

Action:

Correct the value and rerun the job.

CAF1602E**VALUE FOR SYNONYM OPERAND IS INVALID****Reason:**

The synonym must be a hexadecimal value 000-FFF.

Action:

Correct the device name (cuu) and rerun the job.

CAF1603E**INVALID DEVICE NAME SPECIFIED: stat****Reason:**

The device cuu must be a hexadecimal value 000-FFF (each of the three positions must be defined and must be 0-F). For XA, device addresses are four characters: ccuu.

Action:

Correct the device name (cuu) and rerun the job.

CAF1604E**INVALID SPECIFICATION FOR ALTERNATE OPERAND: cu****Reason:**

The alternate device value cu must be a hexadecimal value 00-FF. For XA, alternate devices are three characters: ccu.

Action:

Correct the device name (cu) and rerun the job.

CAF1605E**DEVICE (OR RANGE) cuu IS DUPLICATELY DEFINED****Reason:**

The device name cuu, or a device within the range beginning with cuu, has already been defined for this configuration either explicitly or through use of ALTERNATE or SYNONYM. For XA, device addresses are four characters: ccuu.

Action:

Correct the definition and rerun the job.

CAF1606E**DEVICE RANGE IS INVALID FOR DEVICES begin TO end****Reason:**

The begin of the device range is greater than the end of the device range.

Action:

Correct the device range and rerun the job.

CAF1607E**CONVERT OPERAND INVALID****Reason:**

The CONVERT operand is either spaces or is not specified in association with a single device address, 000-FFF. It cannot be associated with a range or a logical unit name.

Action:

Correct the operand and rerun.

CAF1608E**UNABLE TO OBTAIN THE DEVICE NAME (EC=yyy)****Reason:**

CA SMF Director was not able to determine the device name. This may occur if a dynamic allocation error was received during the dump process.

Action:

Review the Audit Trail report and rerun the job.

CAF1800E**OPERANDS ARE REQUIRED FOR THIS STATEMENT****Reason:**

At least one operand is required for the previous statement.

Action:

Add the appropriate operands and rerun the job.

CAF1900E**cuu1 DEFINITION REFERENCES cuu2 WHICH IS NOT DEFINED****Reason:**

An address the interface has been instructed to generate (cuu2) for device cuu1 has not been defined.

Action:

Be sure your SYNONYMS have been defined as UNITS prior to their assignments as synonyms. Correct the device name and rerun the job.

CAF1901E**cuu1 REFERENCES cuu2 WHICH IS ITSELF A SYNONYM****Reason:**

The device name cuu1 is assigned a synonym of cuu2, but cuu2 has also been assigned a synonym.

Action:

Either correct the device name or assign cuu1 the same synonym assigned to cuu2, and rerun the job.

CAF1902W**LISTC COMMAND NOT ALLOWED DURING DUMP****Reason:**

A LISTC control statement was coded in dump process control statements.

Action:

Remove the LISTC statement from the dump process control statements and rerun the job. A LISTC statement can be executed in a job step before or after the dump process step.

CAF1903W

LISTH COMMAND NOT ALLOWED DURING DUMP

Reason:

A LISTH control statement was coded in dump process control statements.

Action:

Remove the LISTH statement from the dump process control statements and rerun the job. A LISTH statement can be executed in a job step before or after the dump process step.

CAF2

CAF2000I

NO SYSTEM CONFIGURATIONS DEFINED

Reason:

A LISTC, LISTH, or RESTORE SCDS was requested but there are no configurations (SIDs) defined to the SCDS file.

Action:

No action required.

CAF2001I

SYSTEM CONFIGURATIONS DEFINED ARE:

Reason:

This message precedes a list of all of the configurations defined on the SCDS file.

Action:

No action required.

CAF2002W**CONFIGURATION sid IS NOT DEFINED****Reason:**

The configuration specified in the LISTC statement or LISTH statement does not exist on the SCDS file. The statement is ignored.

Action:

If necessary, correct the SID name and rerun the job.

CAF2003W**NO ATTRIBUTES ARE DEFINED FOR CONFIG sid****Reason:**

A LISTC specified the SID of a configuration defined on the SCDS file, but the configuration has no attributes (never had any definitions between a BEGIN and END statement).

Action:

Either drop the SID, correct it, or define its configuration, if necessary.

CAF2004W**CONFIGURATION sid WITH SUBSTREAM/LOGSTREAM xxxxxxxxxxxxxxxxxxxxxxxxxxxx IS NOT DEFINED****Reason:**

The configuration SID is not defined with the stream specified. The dump process is skipped.

Action:

Review your configuration. Either add the specified stream to SID in your configuration or specify a correct SID in the dump job. Then retry the dump job.

CAF2005W

SUBSTREAM/LOGSTREAM xxxxxxxxxxxxxxxxxxxxxxxx NOT DEFINED FOR ANY SPECIFIED SID

Reason:

The stream name requested in the SUBNAME/LSNAME operand for an EXTRACT, PRINT, or LISTH control statement is not defined for any indicated SID in the statement. The data retrieval process ignores this stream and continues processing.

Action:

Review the value in the SUBNAME/LSNAME parameter of the EXTRACT, PRINT, or LISTH statement as well as the SUBNAMEs/LSNAMEs in the configurations in your SCDS. After making any needed corrections, rerun the job if necessary.

CAF2100W

RECORD # rec-num SEGMENT SEQUENCE ERROR - DATA DROPPED

Reason:

Error occurred in processing of MANn file. Caused by invalid segment descriptor word (SDW), which SMF data management routines generated. Data remaining in the block is displayed.

CA SMF Director ignores the invalid SDW and tries to recover and process the valid data.

Action:

Examine the listed data and determine whether or not reconstruction should be attempted.

Normally, reconstruction is not feasible, since there is usually a small amount of data (for example, the end of a Type 14 record), or the data is unrecognizable.

CAF2101T**I/O ERROR READING VSAM SMF, FEEDBACK = xxx****Reason:**

Error occurred while processing a VSAM SMF MANn file, where xxx is the feedback error code stored in the RPL.

Generates user abend 3020 and terminates CA SMF Director.

Action:

You should try to dump the SMF file with the IBM IFASMFDP program. Also investigate the feasibility of placing the SMF MANn file elsewhere in order to avoid the error.

The SMF data processed up to the error point is in the intended file on the CA SMF Director tape, but the index has not been updated. You can update the index manual, with the ADDX command.

CAF2102E**BUFFERS FOR MAN FILE NOT OBTAINED - INCREASE REGION****Reason:**

When performing an SMF dump, there was not enough region to obtain the buffers needed for the MAN file.

Action:

Increase the region size and rerun the job.

CAF2103E**OPEN OF SMF DATASET NOT SUCCESSFUL - RERUN JOB****Reason:**

The SMF file was not opened successfully.

Action:

Determine the reason from the JCL listings and rerun the job.

CAF2104W

INVALID SMF RECORD # rec-num DETECTED - RECORD BYPASSED

Reason:

VSAM reported an I/O error code 8C. 8C means inconsistent spanned record.

Action:

No action required.

CAF2120E

BUFFERS FOR LOGSTREAM NOT OBTAINED - INCREASE REGION

Reason:

When performing a logstream dump, there was not enough region to obtain the buffers needed.

Action:

Increase the region size and rerun the job.

CAF2121E

UNABLE TO CONNECT TO SMFDLS

Reason:

There was an error during connecting SMFDLS and SMFD when dumping a logstream.

Action:

Check that SMFDLS started properly, review the output in SMFDLSPR

CAF2122E

SMFDLS CONNECTION FAILURE CODE=xxx

Reason:

An error occurred in the communication channel between SMFDLS and SMFD during a logstream dump.

Action:

Review the output and check that SMFDLS was running.

CAF2123E**SMFDLS CONNECTION INTERRUPTED****Reason:**

When performing a logstream dump, the communication between SMFDLS and SMFD has been interrupted.

Action:

Review the SMFDLSPR output. Correct any errors and retry the dump.

CAF2124E**LOGSTREAM LAST RECORD NOT STORED****Reason:**

When dumping a logstream, an error occurred during saving the LAST record dumped. This will be preceded by other error messages.

Action:

Review the output for a reason, correct any errors, and rerun the job.

CAF2125E**DYNAM OPTION MUST BE SET FOR LOGSTREAM****Reason:**

The DYNAM option is required when performing logstream dumps.

Action:

Recompile your configurations and set DYNAM in the OPTIONS Statement.

CAF2126E**SCRATCH IS REQUIRED FOR LOGSTREAMS****Reason:**

The SCRATCH Dump Option is required for logstream dumps.

Action:

Recompile all configurations with logstreams with SCRATCH set on the DUMPOPTIONS.

CAF2200W**NO SMF DATASET REQUIRES DUMPING****Reason:**

The system recognized that there was no SMF file that needed to be dumped.

Action:

No action required.

CAF2201E**DD STATEMENT REQUIRED FOR DUMP****Reason:**

A DD JCL statement is required for the dump process.

Action:

Supply the necessary DD statement and rerun the job.

CAF2202E**DD STATEMENT MUST REFERENCE A TAPE UNIT****Reason:**

The file receiving the dumped data must be on a tape.

Action:

Correct the necessary DD statement and rerun the job.

CAF2203E**UNABLE TO ALLOCATE STORAGE REQUIRED FOR SMF RECORD SUMMARY REPORT****Reason:**

CA SMF Director DUMP processing could not find enough storage available to build the Record Summary table, which is used to create the Record Summary Report.

Action:

Increase the REGION size.

CAF2204I**DUMP COMPLETE, nnn RECORDS COPIED****Reason:**

A total of nnn records were copied to the dump tape.

Action:

No action required.

CAF2205W**UNABLE TO RECORD ALL COUNTS IN RECORD SUMMARY TABLE****Reason:**

CA SMF Director DUMP processing was not able to record information for all SMF record types because the Record Summary Table was full. The Record Summary Report will not reflect accurate information on the SMF records copied.

Action:

If this problem persists, contact Technical Support at <http://ca.com/support>.

CAF2206I**manfile.name IS TO BE DUMPED****Reason:**

Start of DUMP process, indicating which MAN file is being dumped, for example, SYS1.MAN1.

Action:

No action required.

CAF2207I

**SMF DATA WILL BE READ FROM FILE: ddname DSN: dsname | DUMPED FROM
filename ON VOLUME vol | DUMPED FROM LOGSTREAM lsname**

Reason:

This message indicates where CA SMF Director is obtaining SMF data to be placed under its control. If "DUMPED FROM filename" is indicated in the message, CA SMF Director will also reset the z/OS SMF MAN File for reuse.

Action:

No action required.

CAF2208I

DUMPED DATA SUCCESSFULLY VERIFIED

Reason:

VERIFY option on the DUMPOPTIONS statement was used and this process has been done with no errors being found. (SMF on history file matches the data set that was dumped.)

Action:

No action required.

CAF2209E

DUMP VERIFICATION FAILED FOR SID xxxx DDNAME: yyyyy

Reason:

The VERIFY DUMPOPTION was specified, and CA SMF Director detected a error in validating the SMF records dumped.

Action:

Examine the output of the record in the SYSPRINT data set, and rerun the job.

CAF2210I**EOF WAS ENCOUNTERED ON SMF BEFORE THE HISTORY TAPE****Reason:**

The verification did not take because the end of files did not match.

Action:

First attempt to rerun the job. If the condition continues, follow the recovery procedure outlined in message CAF2101T.

CAF2211I**EOF WAS ENCOUNTERED ON THE HISTORY TAPE BEFORE THE SMF DATASET****Reason:**

The verification did not take because the end of files did not match.

Action:

First attempt to rerun the job. If the condition continues, follow the recovery procedure outlined in message CAF2101T.

CAF2212I**LENGTH OF RECORD rec-num DID NOT MATCH****Reason:**

The verification did not take because the length of the records being compared did not match.

Action:

First attempt to rerun the job. If the condition continues, follow the recovery procedure outlined in message CAF2101T.

CAF2213I**DATA IN RECORD DID NOT MATCH****Reason:**

The verification did not take because the length of the records being compared did not match.

Action:

First attempt to rerun the job. If the condition continues, follow the recovery procedure outlined in message CAF2101T.

CAF2214I**SMF RECORD:****Reason:**

The SMF record not matched is printed in dump format.

Action:

The action to be taken depends on the preceding message.

CAF2215I**HISTORY TAPE RECORD:****Reason:**

The record not matched that is on the tape is printed in dump format.

Action:

The action to be taken depends on the preceding message.

CAF2216W**DUMP PROCESSING ABORTED, INDEX NOT RETAINED****Reason:**

DUMP processing has been terminated due to an abend. No index entries have been recorded. The MAN file must be dumped again.

Action:

Check output. Rerun the dump procedure to dump the SYS1.MANx file again.

CAF2217E**INSUFFICIENT SPACE IN SCDS TO PERFORM DUMP****Reason:**

SCDS has fewer than 20 free records, and CA SMF Director cannot dump the SMF files.

Action:

Enlarge the SCDS file. Do so immediately, especially if using MAN Files for recording SMF data as the MAN Files may fill up and SMF data will be lost.

CAF2218I**SMF DATA FOR CONFIG xxxx IS BEING PROCESSED****Reason:**

Indicates the SID code for the dumped system.

Action:

No action required.

CAF2219I**A DUMP IS ALREADY IN PROGRESS ON THIS SYSTEM. THIS ONE WILL BE TERMINATED****Reason:**

A CA SMF Director MAN File dump was started when another dump was already running on the same LPAR. Only one dump may run at a time on a given LPAR.

Action:

No action required.

CAF2220E**DUMP PROCESSING COULD NOT SERIALIZE FOR SYSTEM ID sid. TERMINATING.****Reason:**

A CA SMF Director dump could not obtain proper serialization within five minutes of starting and is being terminated.

Action:

Resubmit the dump process JCL when there are no other dumps running for the indicated SMF ID.

CAF2221I

**SMF DATA USING CONFIGURATION yyyy IS BEING PROCESSED WITH
SUBSTREAM/LOGSTREAM xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx**

Reason:

Indicates the SID and the name of the stream being dumped.

Action:

No action required.

CAF2222I

AUTODELETE PROCESSING STARTED

Reason:

Indicates that the AUTODELETE process has started.

Action:

No action required.

CAF2300E

xxx DD STATEMENT IS REQUIRED FOR DUMP

Reason:

The DD statement for the ddname of xxx must be supplied.

Action:

Correct the DD statement and rerun the job.

CAF2301E**NO DD STATEMENTS SUPPLIED TO DEFINE SMF DATASETS****Reason:**

The required DD statements referencing SMF data set to be dumped, were not supplied in the JCL. This message will also occur under z/OS when the SMF subsystem is down, and CA SMF Director cannot determine which SMF data set should be dumped.

Action:

Specify the missing DD statements and rerun the job. If the SMF subsystem is down, restart it and rerun the job. If you want to dump the SMF data sets with the SMF subsystem down, add to the JCL the MANx DD statements pointing to the desired SMF data sets and rerun the job.

CAF2302E**BSAM AND VSAM SMF DATASETS ARE BOTH SPECIFIED****Reason:**

A mixture of BSAM and VSAM SMF files is not permitted.

Action:

Correct the data set definitions and rerun the job.

CAF2303E**SMF DATASETS SUPPLIED BY THE xxx DD STATEMENT MUST BE VSAM****Reason:**

The data set with the ddname of xxx must be VSAM. This is probably a JCL error.

Action:

Correct the JCL and rerun the job.

CAF2304I**yyy IS NOT PROPER DATASET NAME FOR DD NAMED xxx****Reason:**

There is a conflict between the ddname of xxx and the data set name of yyy.

Action:

Correct the JCL and rerun the job.

CAF2305E**VSAM SMF DATASETS ONLY VALID UNDER MVS SE-II OR MVS/SP****Reason:**

An attempt was made to process a VSAM data set in a VS1 system.

Action:

Correct the JCL and rerun the job.

CAF2306I**BOTH SMF FILES ARE FULL****Reason:**

In VS1, both of the SMF files are full.

Action:

No action required.

CAF2400E**SCRATCH MOUNT NOT PERMITTED FOR CONFIG nn AND NO VOLUMES ARE AVAILABLE****Reason:**

The configuration nn requires a tape pool and there are no tapes in the pool.

Action:

Add tapes to the pool or recompile your OPTIONS to allow for scratch volumes and rerun the job.

CAF2401I**xxxxxxx DUMP IS TO VOLUME nnnnnn FILE nn DSN name****Reason:**

SMF data is being copied to INTERMEDIATE, PRIMARY, AND ALTERNATE history files on the indicated volume and data set name.

Action:

No action required.

CAF2402E**INSUFFICIENT STORAGE TO OPEN DUMP FILE****Reason:**

There is not enough storage to open the Output history file.

Action:

Increase the region size in the JCL and rerun the job.

CAF2403E**FILE OPEN REQUEST FAILED FOR DDNAME xxxxxx****Reason:**

CA SMF Director could not successfully open the indicated file.

Action:

Review the message log, take the corrective action, and rerun the job.

CAF2404E**dddddddd HISTORY1 I/O ERROR ON VOLUME xxxxxxxx - yyyyyyyy****Reason:**

During the DUMP or COPY data process, CA SMF Director has detected an input/output error on the indicated volume, where dddddddd is the ddname, xxxxxxxx is the volume serial, and yyyyyyy is the abend code.

Action:

Determine the cause of the problem and rerun the job. If the tape volume is damaged, use the TAPEINIT command to force CA SMF Director to use a new tape for the history file.

CAF2405I**RECOVERY WILL BE ATTEMPTED****Reason:**

CA SMF Director DUMP or EXTRACT/PRINT processing tried to dynamically allocate a SMF history file but could not do so. However due to the nature of the allocation failure, CA SMF Director determined that it will retry the allocation request.

Action:

Informational. No action required. The dynamic allocation return codes will be produced elsewhere in the messages and can be analyzed to possibly prevent further occurrences of the error.

CAF2406I**sysid SMF DATA FROM date AT time TO date AT time****Reason:**

Indicates the starting and ending times of the SMF data being dumped. Date is in mm/dd/yy format. Time is in hh:mm:ss format. sysid is the SMF system identifier for the z/OS system that created the SMF records.

Action:

No action required.

CAF2407I**dsn name CATALOGED ON vsn FILE n****Reason:**

The data set name indicated for the volume and file indicated have been cataloged. CATLG option on the DUMPOPTIONS statement was used.

Action:

No action required.

CAF2408E**UNABLE TO CATALOG HISTORY FILE dsname****Reason:**

The 'CATLG' option was specified in the configuration definition for this SMF ID; however, CA SMF Director was not able to successfully catalog the History file in the z/OS system catalog.

Action:

Note the return code in message CAF2409I. Look up the return code in the *IBM System Messages Manual* under IDC3009I, or the *IBM DFSMSdfp Advanced Services Manual* under "Cataloging Data Sets." Correct the problem and catalog the history file manually.

CAF2409I**CATALOG MANAGEMENT RETURN CODE nn****Reason:**

While attempting to catalog a dump tape file, a return code of nn was received.

Action:

Correct the catalog entries or take off the catalog option.

CAF2410I**xxx DUMP CONTINUES ON VOLUME yyy FILE nn DSN zzz****Reason:**

The dumped SMF file xxx is continuing onto another volume yyy as file nn and data set name zzz.

Action:

No action required.

CAF2411E**SMF DATA FOR sid SUBNAME/LSNAME subname/lname date time OVERLAPS DATA ALREADY IN INDEX****Reason:**

SMF data from either the MAN Files or stream (if named) being dumped has already been archived by CA SMF Director. The error could be caused by an invalid ADDX command that was run out-of-sequence or erroneous SMF record timestamps, or due to an error in a prior dump

Action:

Determine the cause of the problem. You may have to reconstruct the indexes with ADDX/DELETEx control statements so that CA SMF Director can process the history file in a valid fashion. Even if this takes days, CA SMF Director can still run normally.

List the indexes "around" the relevant timespan, via the LISTH command, and modify the indexes in the SCDS, using the ADDX and DELETEx commands to correct the contents of the SCDS, if this indeed represents an error condition.

See Chapter 4 of the *User Guide* under the EXTRACT command and the *Systems Programmer Guide* under Overlapping SMF Data.

CAF2412I**DUMP TERMINATED, DATA WILL NOT BE RETAINED****Reason:**

SMF DUMP processing has encountered an error from which it could not recover. The index to the current SMF history file being created is not placed on the SCDS.

Action:

Determine the cause of the error by reviewing previous messages and correct the problem. Rerun the job.

CAF2413W**LOW/HIGH TIME IS INVALID, SET TO 24:00:00****Reason:**

The times in the SMF records are invalid and set to 24:00:00.00.

Action:

Review the data and adjust with ADDX and DELETEx commands.

CAF2417W

**SMF DATA FOR sid SUBNAME/LSNAME subname/lname date time OVERLAPS DATA
ALREADY IN INDEX**

Reason:

The SMF data overlaps data defined by an existing index entry in the SCDS. This may or may not indicate that there are duplicate records on previously dumped history files.

Action:

List the indexes "around" the relevant timespan, via the LISTH command, and modify the indexes in the SCDS, using the ADDX and DELETX commands to correct the contents of the SCDS, if this indeed represents an error condition. See also message CAF2411E.

CAF2418I

CSW: xxxxxxxxxxxxxxxx CCW: xxxxxxxxxxxxxxxx

Reason:

When this message occurs, it is always in conjunction with message CAF2404E. It includes a display of the CSW and the failing CCW.

Action:

Examine the CSW and CCW to help determine the cause of the problem.

CAF2419E

ERROR DURING CLOSE OF filename ON VOLUME vol-id

Reason:

During the dump of a SYS1.MANx file, the named history file failed to close properly. The dump will ABEND U3001.

Action:

Examine the system console for messages detailing the specifics of the problem. Run TAPEINIT on the system on which the error occurred. Rerun the dump.

CAF2420W

dsn CATALOGED ON VOLUME volser-1 INSTEAD OF volser-2

Reason:

An attempt to catalog a history file was unsuccessful, due to the fact that the data set name of the history file was already cataloged to a different volume than the one that was just written.

Action:

Examine the catalog entry for the history file on the original volume indicated in the "volser-1" field of the message. If the catalog entry is in error, recatalog the history file to the volume indicated in the "volser-2" field of the message. Note that the history file has been written successfully; the only issue with the history file is that the file has not been cataloged properly.

CAF2421I

CATALOG SERVICES RETURN CODE IS xxx

Reason:

Catalog Services issued a return code other than zero when CA SMF Director tried to catalog a history file.

Action:

Examine the return code and determine if the data set has been cataloged. If necessary, you may recatalog the data set. Note that the history file has been written successfully, and that the only issue with the history file is that the file has not been cataloged properly.

CAF2422I**ddname DISABLED, RECORDING CONTINUES TO PRIMARY HISTORY FILE****Reason:**

Open of the ddname history file failed. The alternate history file is disabled, but the dump process continues with the primary history file.

Action:

This is an informative message that follows CAF2403E or other error message. Review preceding error messages or the JOBLOG, and make proper corrections so that the next dump can use the alternate history file. The alternate history file for the current dump can be recreated by copying the primary history file to the alternate device using standard z/OS utilities, and adding the alternate file to the SCDS index using the ADDX facility.

CAF2500E**VOLUME xxx IS NOT IN AVAILABLE VOLUME POOL****Reason:**

The volume xxx is not in the available volume pool.

Action:

Correct the DUMPTAPES control statement and rerun the job.

CAF2501E**VOLUME xxx IS ALREADY IN THE AVAILABLE VOLUME POOL****Reason:**

The volume xxx cannot be added to the pool since it is there.

Action:

Correct the DUMPTAPES control statement and rerun the job.

CAF2502E

THE SCDS IS LOCKED

Reason:

The SCDS file is locked.

Action:

Rerun the job. If the condition continues, the file has to be restored and any indexes updated may have to be added with the ADDX command.

CAF2503E

DUMPTAPES TO INTERMEDIATE POOL IS PROHIBITED

Reason:

The INTERMEDIATE parameter was coded in a DUMPTAPES command. This is invalid.

Action:

Change the specification of INTERMEDIATE to either PRIMARY (the default) or ALTERNATE.

CAF2700W

NO AVAILABLE VOLUME EXIST IN THE xxxx POOL

Reason:

There are no volumes in the indicated pool.

Action:

Use the DUMPTAPES ADD control statement to define more volume serials to be used by CA SMF Director DUMP processing.

CAF2701E

NO INDEX ENTRIES MEET CRITERIA

Reason:

There are no entries in the SCDS file.

Action:

Verify the input for time and date. Check the control card, correct, and resubmit.

CAF2702E**INVALID xxx DATE****Reason:**

The date parameter xxx is invalid.

Action:

Correct the date and rerun the job.

CAF2703I**NO ENTRIES MEET SELECTION CRITERIA****Reason:**

When processing the LISTH control statement, CA SMF Director did not find any information to report that matched the specified selection criteria.

Action:

Informational. No action required.

CAF2704W**n AVAILABLE VOLUME(S) EXIST****Reason:**

During SMF DUMP processing, CA SMF Director detected that very few defined tape volume serials exist to be used for SMF history files.

Action:

Use the LISTH VOLUMES(ALL) control statement to determine if any tape volumes will expire soon. If not, use the DUMPTAPES ADD control statement to define more magnetic tape volumes to be used by CA SMF Director.

CAF2705I**func FUNCTION WAS SUCCESSFUL****Reason:**

The function indicated was successful.

Action:

No action required.

CAF2800I**SOURCE OPTION SET****Reason:**

The SOURCE statement unnecessarily pointed to the SMF data file. When the Interface Program is used in conjunction with CA SMF Director, it is not necessary to define the SMF data file using the SOURCE statement. This message is informational only.

Action:

No action required.

CAF2801E**THE DDNAME SPECIFIED FOR THE DUMP INPUT IS NOT IN THE JCL FOR THE RUN****Reason:**

The ddname must be supplied.

Action:

Change the JCL and rerun the job.

CAF2802E**THE DDNAME SPECIFIED FOR HISTORY INPUT IS NOT IN THE JCL FOR THE RUN****Reason:**

The ddname specified in the HISTORY operand is not a valid ddname, or the SOURCE statement was missing in the SYSIN DD input stream. (The default is to use the SCDS file HISTORY1 tape.)

Action:

Correct the ddname and rerun the job.

CAF2899T**RUN ABENDED nnnn IN module****Reason:**

CA SMF Director detected a severe abnormal condition. 'nnnn' indicates the system or user ABEND code.

Action:

Determine the cause of the error, correct it and rerun the job. If the problem persists, contact Technical Support at <http://ca.com/support>.

CAF2900I**RUN COMPLETE****Reason:**

The job completed normally.

Action:

No action required.

CAF2901I**RUN COMPLETE, HIGHEST CONDITION CODE WAS cc****Reason:**

The job completed. Condition code cc was the highest setting.

Action:

No action required.

CAF2902E**RUN TERMINATED, HIGHEST CONDITION CODE WAS cc****Reason:**

The job terminated due to a significant error, printed previously. Condition code cc was the highest setting.

Action:

Correct previous error and rerun.

CAF3

CAF3000W

RECORD # rec-num SEGMENT SEQUENCE ERROR - DATA DROPPED**Reason:**

A variable-blocked spanned record in the SMF input file did not have the segment descriptor word (SDW) defined properly. The invalid record is printed in hexadecimal/character format following this message. The record is ignored.

Action:

The record should be reviewed and, if necessary, an attempt to rebuild it with IBM utilities can be made. The CA SMF Director program executes as if the record never existed.

CAF3001W

RECORD # rec-num INCOMPLETE RECORD DETECTED - DATA DROPPED**Reason:**

A record in the SMF input file ended before the record descriptor word (RDW) indicated it should have. The invalid record is printed following this message in a hexadecimal/character format. The record is ignored.

Action:

The record should be reviewed, but it is unlikely that it can be rebuilt. The CA SMF Director program executes as if the record never existed.

CAF3002E

ddname DD STATEMENT NOT IN JCL, DATA RETRIEVAL BYPASSED**Reason:**

No DD JCL statement was defined for the ddname specified in the SOURCE statement. This particular ddname is ignored and, if possible, processing continues.

Action:

Correct the JCL DD statement and rerun the job.

CAF3003E**INSUFFICIENT STORAGE FOR BUFFERS, DATA RETRIEVAL BYPASSED****Reason:**

There is not sufficient memory to allocate the buffers to process the requested SMF files. The data retrieval is bypassed but other processing continues, if possible.

Action:

Increase the REGION size on the JCL and rerun the job.

CAF3004W**INVALID SMF RECORD # rec-num - IGNORED****Reason:**

The SMF record did not have a valid buffer date/time and was not processed (for example, data is not a packed field). The invalid record is printed following this message in a hexadecimal/character format. The record is ignored.

For CA SMF Director, this condition generally occurs in files built externally and input with the HISTORY operand of the SOURCE command.

Action:

The record should be reviewed, but it is unlikely that it can be rebuilt. The CA SMF Director program and CA SMF Director execute as if the record never existed.

CAF3005W**REQUIRED HISTORY FILE CURRENTLY IN USE****Reason:**

CA SMF Director has detected that another job is using the tape volume currently needed.

Action:

Determine whether it would be feasible to wait for the volume to be freed or cancel the job by replying to message CAF3007A.

CAF3006E**REQUIRED HISTORY FILE CURRENTLY IN USE****Reason:**

This message appears on the operator console if the EXTRACT program received a 413-04 abend when trying to open a history file because the history tape needed is currently being used by another job running on the system, possibly a DUMP.

Action:

Answer "CANCEL" or "WAIT" to message CAF3007R.

CAF3007A**REPLY CANCEL OR WAIT****Reason:**

CA SMF Director has issued a message to the operators console requiring a response of 'CANCEL' or 'WAIT'.

Action:

Examine the previous message issued by CA SMF Director and reply with the appropriate response.

CAF3007R**REPLY CANCEL OR WAIT****Reason:**

This message appears on the operator console following either message CAF3005E or CAF3006E.

Action:

If the operator enters CANCEL, the 413-04 abend will be percolated, and the job will end. If the operator enters WAIT, CA SMF Director waits five minutes and the open is attempted again. If the open is successful the job continues normally. If the tape needed is still in use, CAF3005E or CAF3006E and this message is issued again. These messages appear every five minutes until the tape becomes available, or the job is cancelled.

CAF3008E

PHYSICAL ERROR DETECTED BY CA SMF DIRECTOR HISTORY FILE. PLEASE MOUNT NEW SCRATCH TAPE.

Reason:

This message appears if an abend or I/O error was detected by CA SMF Director while trying to perform DUMP processing.

Action:

A new system mount message appears on the console. Mount a different scratch volume.

CAF3010W

LOGICAL ERROR DETECTED ON HISTORY FILE dsn VOLUME VOLSER # RECORD #

Reason:

CA SMF Director detected an invalid SMF record in the file indicated. The record sequence number is also shown. A dump of the record is produced.

Action:

Examine the record to determine the cause of the problem.

CAF3012W

UNABLE TO OPEN FILE ddname dsn ON VOLUME vol

Reason:

CA SMF Director was unsuccessful in opening the data set 'dsn' for ddname 'ddname' on VOLUME 'vol'.

Action:

Check the JES2/3 job log for additional messages that may reveal the cause of the problem. Correct the problem and rerun the job.

CAF3020W

RECORD # rec-num HAS A DIFFERENT sid - IGNORED

Reason:

The IGNORE parameter was specified and CA SMF Director encounters a record with other SIDs than the one actually being dumped. The record is ignored.

Action:

The record should be reviewed, but it is unlikely that it can be rebuilt. CA SMF Director treats the record as an invalid record and ignores it.

CAF3021W

RECORD # rec-num HAS DATE LOWER THAN ALLOWED BY FIRSTYEAR PARAMETER - IGNORED

Reason:

The SMF record encountered during the dump was invalid, because it is from a year older than the year allowed by the FIRSTYEAR option.

Action:

Either this was an invalid record, or the data that was dumped manually is too old. In the latter case, revise the FIRSTYEAR setting and rerun the dump.

CAF3100I

nnn RECORDS WERE WRITTEN TO xxxxxxxx FILE

Reason:

This message indicates the number of records (nnn) written to the file with the ddname of xxxxxxxx. If the exit parameter was coded in the EXTRACT statement but the TODD parameter was omitted, "xxxxxxx" will appear as EXTERNAL.

Action:

No action required.

CAF3101W**nnn RECORDS WRITTEN TO extract WERE TRUNCATED****Reason:**

This message indicates the number of records nnn written to the file with the ddname of extract that had to be truncated. They would only be truncated if the DCB operand in the DD JCL statement did not supply an LRECL large enough to hold the record.

Action:

Change the DCB operand in the DD JCL statement to either generate VBS records or to produce a larger LRECL and rerun the job.

CAF3102E**ddname DD STATEMENT NOT IN JCL, EXTRACT BYPASSED****Reason:**

No DD JCL statement for the extract file was defined in the JCL. This ddname is either a default of EXTRACT or defined in the subfield of the TODD operand. If ddname is HISTORYx, then the NODYNAM option is in effect, and the ddname is not specified in the JCL for the HISTORYx input data set.

Action:

Place the correct ddname in the DD JCL statement or in the TODD operand in the EXTRACT statement. If ddname is HISTORYx, add the DD in the JCL for the EXTRACT job or update the global options to allow dynamic allocation of HISTORY files.

CAF3103W**NO SMF RECORDS WERE EXTRACTED/PRINTED****Reason:**

Occurs when doing an EXTRACT or PRINT operation and no records meet the selection criteria specified.

Action:

Correct the selection operand on the EXTRACT or PRINT statement or the input file and rerun.

CAF3105I

nnn RECORDS PROCESS FROM: date time TO: date time FOR SYSID sid

Reason:

Indicates how many records were extracted from the history files to honor an extraction request.

Action:

No action required.

CAF3106I

PROCESSING SWITCHED TO pool POOL

Reason:

CA SMF Director was unable to complete the requested processing using the SMF history files in the primary pool. Other messages issued previously will help identify the cause. This message indicates that CA SMF Director will try to recover and continue processing using the history files in the indicated pool.

Action:

No action required.

CAF3200I

SMF RECORD TYPE type BUFFER DATE date TIME time

Reason:

A PRINT statement requested a set of SMF records be printed. Each printed record is preceded by this line indicating the SMF record type and the date and time it was placed in the SMF buffer to be written to the MANn file. The record itself is printed in hexadecimal/character format following this message.

Action:

No action required.

CAF3300I**xxx HAS BEEN RESET****Reason:**

The SMF file xxx has been reset.

Action:

No action required.

CAF3302E**SMF FILE NOT RESET - NO APF AUTH****Reason:**

The program must be authorized to reset the SMF MAN files.

Action:

Be sure the installation instructions were followed and place the programs in an authorized library.

CAF3303E**OPEN ERROR on SMF FILE****Reason:**

Open error occurred on a VSAM MAN file while trying to reopen a dumped MAN file in order to reset the file.

Action:

Rerun the DUMP job.

CAF3304W**INSUFFICIENT APF AUTHORIZATION****Reason:**

The CA SMF Director program is not authorized to perform the system request.

Action:

Add the CA SMF Director program to an authorized load library, or check the output of the APPLY JOB from the installation process to ensure that CA SMF Director was installed properly.

CAF3305E**UNABLE TO CLOSE ALL FILES SUCCESSFULLY****Reason:**

During a SOURCE DUMP, either the input file or an output file failed to close properly. The job will complete with a return code of 12.

Action:

Examine the system console for messages detailing the specifics of the problem. If the failing close was for a history file, run TAPEINIT before rerunning the dump.

CAF3400I**USER EXIT MODULE name WAS NOT FOUND****Reason:**

User exit name was specified on the USEREXIT statement but it could not be found for loading.

Action:

Either remove the module name from the list using the USEREXIT statement or place the module in a library pointed to by the appropriate STEPLIB or JOBLIB statement and rerun the job.

CAF3401I**UNABLE TO LOAD USER EXIT MODULE name ABEND CODE IS abend****Reason:**

User exit name was specified on the USEREXIT statement but then an abend occurred while attempting to load it.

Action:

Either remove the module name from the list using the USEREXIT statement or place the module in a library pointed to by the appropriate STEPLIB or JOBLIB statement and rerun the job.

CAF3500E**VOLUME xxx IS NOT IN USED VOLUME POOL****Reason:**

An attempt was made to retrieve volume xxx from the pool and it did not exist.

Action:

Add the volume or correct the parameters.

CAF3501E**VOLUME xxx IS ALREADY IN THE USED VOLUME POOL****Reason:**

The volume being added is already in the pool.

Action:

Correct the parameter and, if necessary, rerun the job.

CAF3600E**(OP1) OPERAND (OP2) FIELD IS INVALID****Reason:**

When a request was entered to delete, add, or update a record on the SCDS, an invalid date or time was specified. CA SMF Director ignores the invalid date or time and continues processing.

Action:

Enter a valid date or time for the ADDX, DELETX, or UPDTX instruction, and rerun.

CAF3601E**TIME MUST BE SPECIFIED FOR (OP1) OPERAND****Reason:**

The time field was left blank. You must specify the time in order to delete or add a record from or to the SMF Index file.

CA SMF Director continues processing, but does not delete the record.

Action:

Enter a valid time.

CAF3602I**DATASET INDEX UPDATE PERFORMED****Reason:**

The SMF Index was successfully updated. No further action is necessary.

Action:

No action required.

CAF3603E**DATASET INDEX UPDATE FAILED, RC= nn****Reason:**

Either a matching index could not be found in the SCDS file, for a DELETEx instruction, or the update failed due to an SCDS error, such as a lack of further free space on the SCDS.

Action:

If the message occurred on a DELETEx command, run a LISTH to ensure that there is a matching SCDS entry. Otherwise, back up the SCDS, restore it to a larger file, and rerun. If the problem reoccurs, save all output and contact Technical Support at <http://ca.com/support>.

CAF3604E**CONFIGURATION FOR SID sid NOT DEFINED****Reason:**

The configuration you specified does not exist on the SCDS file. CA SMF Director stops processing.

Action:

You must define the configuration on the SCDS file. Then, reenter your request.

CAF3605E**ADDX IGNORED - DATA ALREADY APPEARS ON VOLID vol FILESEQ seq DATASET zzz****Reason:**

The record you are trying to add to the SMF Index file already exists on that file. CA SMF Director ignores the request to add the record and continues processing.

Action:

Verify the data you entered. You may have entered the data incorrectly or the record is, in fact, already on the Index. Reenter the data, if necessary.

CAF3606E**ADDX IGNORED - LOW OPERAND GREATER THAN HIGH OPERAND****Reason:**

ADDX or DELETEx instruction contained a low date/time that was after the high date/time specified.

Action:

Correct and rerun.

CAF3607W**CREATED DATASET INDEX OVERLAPS WITH DATA on VOLID xxx FILESEQ yyy DATASET zzz****Reason:**

The data set index created via the ADDX command defines a time-span that overlaps the time-span defined by one or more existing data set indexes.

Action:

Check the ADDX command and correct it if necessary. If the ADDX was incorrect, but was added to the SCDS, run a DELETEx command to remove the index created by the ADDX. Then run the corrected ADDX command.

CAF3609E**DELETEx IGNORED - LOW OPERAND GREATER THAN HIGH OPERAND****Reason:**

CA SMF Director could not process the DELETEx control statement because the value of the LOW operand was greater than the value of the HIGH operand.

Action:

Correct the invalid operand and resubmit.

CAF3610I**INDEX ENTRY FOR xxx UPDATED****Reason:**

The indicated SCDS index entry was successfully updated by the UPDTX Control Statement.

Action:

Informational.

CAF3611I**nn INDEX ENTRIES PROCESSED****Reason:**

The current function successfully updated the indicated number of SCDS index entries.

Action:

Informational.

CAF3612W

**INVALID INDEX ENTRY FOR sid SUBNAME/LSNAME subname/lname date time
dsname volser**

Reason:

CA SMF Director found the indicated SCDS SMF History file index information to be invalid or incomplete.

Action:

If this message was issued during the RESTORE process, and the entry is valid from the previous LISTH output, manually add the entry using the ADDX Control Statement. You may also use the UPDTX Control Statement to update the indicated index entry.

CAF3613T

SCDS CORRUPTED - BLOCK nnn ALREADY REFERENCED FROM sid subname/lname

Reason:

During a SCDS Restore, CA SMF Director has found a block in the dump indexes that is referenced from two configurations. This message will always be preceded by CAF3612W which shows the conflicting configuration.

Action:

Both configurations may have invalid or missing index entries after the restore. Contact Technical Support at <http://ca.com/support>. Be prepared to send a copy of your SCDS backup, the restore job output, as well as possibly a copy of your current SCDS in for analysis.

CAF3700E

DYNAMIC request-type FAILED FOR xxxxx yyyyyy

Reason:

A dynamic allocation request failed for data set 'yyyyy' with the ddname of 'xxxxx'.

Action:

Determine the cause of the problem by examining other messages in the Audit Trace and rerun the job.

CAF3701I

DYNAMIC ALLOCATION RETURN CODES: rc, nnnn, zzzz

Reason:

This message follows the 3700E message and lists the return codes associated with the error. The return codes are documented by IBM.

Action:

Determine the cause of the problem by looking up the return code in the appropriate IBM documentation. Ensure that the appropriate environment exists and rerun the job.

CAF3702I

DYNAMIC ALLOCATION RETURN CODES: sms-error, sms-info, sms-reason

Reason:

This message follows the 3701E message and lists the return codes associated with an SMS error in dynamic allocation. The return codes are documented by IBM. This message is produced if the dynamic allocation error code is 9700.

Action:

Determine the cause of the problem by looking up the return code in the appropriate IBM documentation. Ensure that the appropriate environment exists and rerun the job.

CAF3800E

NO CONFIGS DEFINED AND NO HISTORY SOURCE SPECIFIED

Reason:

A configuration and history source file must be input.

Action:

Correct and resubmit the job.

CAF3801E**JOB TERMINATED DUE TO ERRORS IN TAILORING****Reason:**

There were errors in the user tailoring causing the CA SMF Director program to terminate.

Action:

Correct all outstanding errors in the user tailoring and rerun the job.

CAF3900W**SMF DATA FOR sid subname/lname date time ALREADY RECORDED ON VOLUME:
volser FILE: fileseq DSN: dsname****Reason:**

The SMF data overlaps data defined by an existing index entry in the SCDS. This may or may not indicate that there are duplicate records on previously dumped history files.

Action:

List the indexes "around" the relevant timespan, via the LISTH command, and modify the indexes in the SCDS, using the ADDX and DELETEx commands to correct the contents of the SCDS, if this indeed represents an error condition.

CAF3901W**DATE SEQUENCE ERROR DETECTED on SCDS nnnn yyyyyy****Reason:**

CA SMF Director could not update the SCDS file because of a sequence error condition. 'yyyyy' indicates the date and time range causing the problem. 'xxxxx' is the SCDS relative block number.

Action:

Run the LISTH for the date range indicated. Review output to determine why there is a gap or an overlap of SMF data periods. Use the DELETEx and/or ADDX commands to correct the condition.

CAF3902W

DUPLICATE SMF DATA DETECTED FOR sid SUBNAME/LSNAME subname/lname date time

Reason:

CA SMF Director detected duplicate SMF data the indicated SMF ID, stream (if printed), date and time.

Action:

If this message is issued during a dump, a duplicate entry was already found in the SCDS. The index will not be updated. If issued while executing other statements than DUMP, determine why duplicate SMF data has been dumped. CA SMF Director will ignore the duplicated data unless PARM='PERMIT' was specified. Use the DELETEx Control Statement to remove the history file index entry from the SCDS causing the problem.

CAF3903E

MUTUALLY EXCLUSIVE PARM OPTIONS SPECIFIED, NODUPS AND PERMIT

Reason:

Parm options "NODUPS" and "PERMIT" have been specified during the same execution.

Action:

Select one option or the other. Both options are used to process overlap conditions detected in SMF History file data sets during EXTRACT processing. Resultant output files will contain different data depending on the option selected. See "PARM Options for SMFD" in the *Systems Programmer Guide*

CAF3904E

EARLIEST SMF RECORD DATE IS LOWER THAN ALLOWED BY FIRSTYEAR OPTION

Reason:

The low date of the history file added by the ADDX statement has a lower year than is allowed by the year specified on the FIRSTYEAR operand.

Action:

Either correct the ADDX statement or change the FIRSTYEAR value.

CAF4

CAF4001E

SMFDLSPR PRINT FILE DID NOT OPEN**Reason:**

The SMFDLS print file did not open.

Action:

Examine the accompanying IBM error messages, correct any errors and retry the dump. The most likely error is that SMFDLSPR is not allocated in the JCL, or is not allocated as a print data set.

CAF4002E

SMFDLSIN CONTROL STATEMENT FILE FAILED TO OPEN RC=xx**Reason:**

The SMFDLS control statements did not open.

Action:

Examine the accompanying IBM error messages, correct any errors and retry the dump. The most likely error is that SMFDLSIN is not allocated in the JCL, or has an LRECL other than 80.

CAF4003I

CONTROL STATEMENTS:**Reason:**

This is the header for the control statement listing.

Action:

None needed. Information only.

CAF4004I

XXXXXXXXXXXXXXXXXXXXXXXXXXXX

Reason:

Control statement read in from SMFDLSIN

Action:

None needed. Information only, although if a message is printed indicating a statement is in error, the statement in error will be in the CAF4004I directly above the error message.

CAF4005E**CONTROL STATEMENT ERROR - INVALID TERM****Reason:**

An unrecognized control statement was found.

Action:

The statement in error is printed in the previous CAF4004I message. Consult the User Guide for valid control statement values. Correct any errors and retry the dump.

CAF4006I**TOTAL CONTROL STATEMENTS READ: xxx****Reason:**

All of the records in SMFDLSIN have been read, this message reports how many input statements and records were read.

Action:

None needed. Information only.

CAF4007E**ONLY ONE UNIT OR STORAGE CLASS PERMITTED****Reason:**

Either multiple UNIT statements, multiple STORCLAS statements, or a mix of UNIT and STORCLAS statements were found in the input control statements.

Action:

Either a single STORCLAS statement or single UNIT statement must be included in the SMFDLS control statements. Determine if the input control statements for IFASMF DL should be allocated with SMS (using STORCLAS) or without SMS (using UNIT) and then include only one control statement with the needed value.

CAF4008E**DUPLICATE PARAMETER: xxxxxxxxxx****Reason:**

More than one of the indicated control statements were read in from SMFDLSIN.

Action:

Eliminate the duplicate control statement and retry the dump.

CAF4009E**DATE IN PARAMETER IS INVALID****Reason:**

A date in a STARTDATE or an ENDDATE is not valid.

Action:

Verify that the value is formatted as YYYYDDD, and that the date portion is not 000 and is less than or equal to 365 for non-leap years and 366 for leap years.

CAF4010E**INVALID LOGSTREAM NAME IN LSNAME PARAMETER****Reason:**

The parameter value in the LSNAME control statement does not contain a valid SMF logstream name.

Action:

Logstream names are limited to 26 characters in the format of three alphanumeric nodes of eight characters separated by two periods, much like a data set. Each of the nodes must begin with an alphabetic character. In addition to this requirement, all SMF logstreams must have a first node of "IFASMF." Make any corrections to the logstream names and retry the dump.

CAF4012E**CONTROL STATEMENT ERRORS: TERMINATING****Reason:**

There were errors encountered in the control statements that were read in from SMFDLSIN. SMFDLS will parse and analyze all of the control statements even if there are errors.

Action:

Examine the other messages in SMFDLSPR and correct the control statements that are reported to be in error. Then retry the dump.

CAF4013E**NO LOGSTREAMS SELECTED FOR DUMPING****Reason:**

The LSNAME control statement was not found in the SMFDLS control statements or the JCL control statement was not found.

Action:

Determine which logstream is to be dumped, add the LSNAME control statement indicating that logstream and retry the dump. If the logstream name is to be specified in the JCL then make sure the JCL control statement is in the input control statements and that the logstream name is set as the DSN parameter on the CAILSNM DD.

CAF4014E**NO UNIT OR STORCLAS INDICATED FOR DYNAMIC ALLOCATION OF IFASMF DL SYSIN DD****Reason:**

No UNIT or STORCLAS control statements were found in the SMSDLS control statements.

Action:

Either a valid unit (esoteric or specific) or SMS Storage Class must be provided to SMFDLS so that a data set can be allocated that will contain the controls for IFASMF DL. Insert either a UNIT control statement (for non-SMS allocation) or a STORCLAS control statement (for SMS managed allocation), but not both, into the SMFDLS control statements and retry the dump.

CAF4015E**STARTTIME REQUIRES PRESENCE OF STARTDATE****Reason:**

The STARTTIME control statement was indicated in the SMFDLS control statements, but the STARTDATE was omitted.

Action:

STARTTIME requires STARTDATE be present. Insert a STARTDATE control statement into the SMFDLS control statements and retry the dump.

CAF4016E**ENDTIME REQUIRES PRESENCE OF ENDDATE****Reason:**

The ENDTIME control statement was indicated in the SMFDLS control statements, but the ENDDATE was omitted.

Action:

ENDTIME requires ENDDATE be present. Insert a ENDDATE control statement into the SMFDLS control statements and retry the dump.

CAF4017E**INVALID STARTDATE/ENDDATE COMBINATION****Reason:**

The two values of STARTDATE and ENDDATE are not compatible with each other. Typically, this happens when the ENDDATE is set to a value that is less than the STARTDATE.

Action:

Examine the values of STARTDATE and ENDDATE and make sure that ENDDATE is equal to or greater than the STARTDATE. Correct any errors and retry the dump.

CAF4018E**INVALID STARTTIME/ENDTIME COMBINATION****Reason:**

The combination of values of STARTTIME and ENDTIME are invalid. This can happen for one of two reasons:

- The STARTDATE/STARTTIME comes after the ENDDATE/ENDTIME.
- The two values of STARTTIME and ENDTIME are not compatible with each other. Typically, this happens when the ENDTIME is set to a value that is less than the STARTTIME.

Action:

If the times are out of order, correct the errors in the time values and retry the dump.

CAF4019E**RDJFCB ERROR: xxxxxxxx xx****Reason:**

A RDJFCB call failed. The first variable in the message is the ddname of the file for which the call failed; the second value is the return code from RDJFCB.

Action:

Ensure the ddname indicated in the message is allocated. If it is or if the dynamic allocation is used, examine any messages from IBM regarding the ddname. Correct any errors and retry the job.

CAF4020E**ERROR IN NAME/TOKEN SERVICES: xxx****Reason:**

Name/Token services failed to create a Name/Token pair for CA SMF Director. The Name Token Services call is being made at the PRIMARY Level (i.e. Primary Address Space) and is not persistent.

Action:

Consult your systems programmer. Indicate that Name/Token Services failed for CA SMF Director.

CAF4021E**SCDS FAILED TO OPEN RC = xxx****Reason:**

The CA SMF Director SCDS file failed to open. The message contains the return code from OPEN.

Action:

The bad return code should also be accompanied by IBM messages that reflect the error code. Examine the messages, correct any problems and retry the dump.

CAF4022E**COULD NOT OBTAIN BUFFER FOR SCDS RECORDS****Reason:**

A GETMAIN failed when obtaining an I/O buffer for the CA SMF Director SCDS.

Action:

The buffer is 4096 bytes. Increase the region size for the dump and retry.

CAF4023S**SCDS CORRUPTION FOUND: xxxxxxxx xxxx xxxxxxxx****Reason:**

A read was made from the SCDS but inconsistent data was returned in the record read. The variable portion of the message contains the SCDS block number, the record type or SMF ID that was expected, and the hex value of what was actually found.

Action:

Contact Technical Support at <http://ca.com/support>. Be prepared to provide your printed output as well as a copy of your SCDS for analysis. You may also be asked to retry the dump without recovery active so that additional diagnostics can be produced.

CAF4024E**LOGSTREAM DUMPING NOT SUPPORTED BY SCDS****Reason:**

The version information in the SCDS indicates that logstream dumping is not supported.

Action:

The SCDS needs to be migrated before performing logstream dumps. Consult the Installation Guide and Systems Programmers Guide for information on migrating the SCDS to a level that supports SMF logstream dumps.

CAF4025E**CONFIGURATION NOT DEFINED IN SCDS: xxxx****Reason:**

The SMF ID that is to be dumped in this logstream dump is not defined in the SCDS.

Action:

Verify that the SID parameter (if used) is correct. If it is use LISTC to verify that there is a configuration for the SID. If the SID is not defined, you will need to compile a configuration for the SID and the necessary logstreams. Once the compilation is complete, retry the dump.

CAF4026E**DYNAMIC ALLOCATION FAILED FOR SYSIN xx xxxx xxxx xxxxxxxx****Reason:**

The dynamic allocation call to allocate the SYSIN DD for input to IFASMF DL failed. The variables are the return code from dynamic allocation, the dynamic allocation information code, the dynamic allocation error code, and, if present, the SMS error code.

Action:

Dynamic allocation return codes are documented in IBM's MVS Programming: Authorized Assembler Services Guide in the chapter entitled "Requesting Dynamic Allocation Functions". Examine the error codes to determine what corrective action needs to be taken and retry the dump. Additionally, there may be other messages in the job log that indicate what might have gone wrong.

CAF4027E**OPEN FAILED FOR SYSIN xxx****Reason:**

The SYSIN file did not open for output in SMFDLS. The return code from OPEN is in the message.

Action:

Examine the messages produced by IBM for the SYSIN DD in the Job log and job messages. Correct any indicated errors and retry the dump.

CAF4028E**CLOSE FAILED FOR SYSIN xxx****Reason:**

The SYSIN file did not close in SMFDLS. The return code from CLOSE is in the message.

Action:

Examine the messages produced by IBM for the SYSIN DD in the Job log and job messages. Correct any indicated errors and retry the dump.

CAF4029E**ATTACH FAILED FOR SMFD RC=xx****Reason:**

SMFDLS attempted to attach CA SMF Director as a subtask but failed.

Action:

Examine the messages produced by IBM, correct any errors and retry the dump.

CAF4030E**CONFIGURATION xxxx DOES NOT HAVE LOGSTREAMS****Reason:**

The indicated configuration that we are dumping is defined in the SCDS, but there are no logstream definitions for it.

Action:

If you are going to be processing logstreams with CA SMF Director, the logstreams need to be added to the configuration using the DUMPOPTIONS LSNAME operand. Once you have recompiled the configuration with the desired logstreams, retry the dump.

CAF4031E**LOGSTREAM NOT FOUND: xxxx xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx****Reason:**

The configuration for the indicated SID does have logstreams but not the logstream named in the message.

Action:

All logstreams that are going to be dumped by CA SMF Director must be defined to all of the configurations that are recording data to the logstream. If the logstream name is correct, recompile your configuration definition with the new logstream added to the LSNAME operand on the DUMPOPTIONS statement and retry the dump.

CAF4032E**COULD NOT OBTAIN BUFFER FOR LAST RECORD****Reason:**

The memory buffer used to keep track of the last record that has been dumped from a logstream could not be obtained.

Action:

Increase the region size in the JCL and retry the dump.

CAF4033I**RECORDS PROCESSED: xxxxxxxxxx****Reason:**

The logstream has been read successfully. This is the count of how many SMF records were processed.

Action:

None needed. Information only.

CAF4034I**GENERATED SYSIN STATEMENTS FOR IFASMF DL****Reason:**

Header for the list of control statements that were generated for IFASMF DL.

Action:

None needed. Information only.

CAF4035I

XX

Reason:

This is a control statement that was written to SYSIN that will be processed by IFASMF DL

Action:

None needed. Information only.

CAF4036E**CA SMF DIRECTOR ABEND DETECTED: xxxxxxxx****Reason:**

CA SMF Director abended while processing a logstream dump. Diagnostics and dumps are provided. Error messages are available in CAIPRINT.

Action:

Read the error messages and determine if the situation that caused the abend is correctable. Make any corrections and retry the dump if so. If the situation is not correctable then contact Technical Support at <http://ca.com/support>. Be prepared to send the complete printed output and all diagnostics that were produced in the job.

CAF4037I**CA SMF DIRECTOR NON-ZERO RETURN CODE DETECTED: RC=xxx****Reason:**

CA SMF Director completed with a non-zero return code. Messages that indicate why will be written to CAIPRINT.

Action:

Consult the error messages in CAIPRINT and determine if the errors are tolerable or correctable. If they can be tolerated (such as a warning message for an overlap) then no further action is required. If the messages indicate an error that needs to be addressed, and the problem is correctable, correct the problem and retry the dump. Otherwise, contact Technical Support at <http://ca.com/support>. Be prepared to provide the complete printed output from the job as well as all diagnostics that were produced in the job.

CAF4038W**LSNAME STATEMENT OVERRIDDEN BY JCL STATEMENT****Reason:**

The control statement processor found both an LSNAME control statement and a JCL control statement in the input controls for SMFDLS

Action:

The job continues to run and the LSNAME statement is ignored. For future runs, eliminate either the LSNAME statement or JCL statement from the control statements.

CAF4100I**USER EXIT INTERFACE INITIALIZED****Reason:**

The user exits for IFASMFDL that are used to communicate with CA SMF Director are in place and have been initialized.

Action:

None needed. Information only.

CAF4101E**GETMAIN FAILED FOR EXIT 1 WORK AREA****Reason:**

An attempt to get a work area for use by IFASMFDL exit 1 failed.

Action:

Increase the region size and retry the dump.

CAF4102E**NAME/TOKEN RETRIEVAL FAILED****Reason:**

Name Token services could not retrieve the token that had been created in SMFDLS.

Action:

Contact your systems programmer. Check for the presence of the CAF4020E message prior to this message.

CAF4103E**LOGSTREAM NAME DID NOT VALIDATE****Reason:**

The logstream name being passed by IFASMFDL to exit 1 does not match the logstream name that was indicated in the LSNAMES control statements in SMFDLSIN.

Action:

Verify that the LSNAMES statement generated by SMFDLS is correct. The generated LSNAMES statement for IFASMFDL can be found in a CAF4035I message above this one. If that name is correct, then contact your systems programmer.

CAF4104E**TOKEN CORRUPTED - ABORTING****Reason:**

Name/Token Services returned a token successfully, but unexpected data was found in the token.

Action:

Contact your systems programmer.

CAF4105W**DEVTYPE FAILED FOR SMFDOUT RC=xxx****Reason:**

A DEVTYPE call failed for the SMFDOUT ddname.

Action:

If the SMFDOUT ddname is not allocated in the JCL, allocate it and retry the dump. Also ensure the device type for SMFDOUT is either a disk or tape, or that the DD is allocated as DUMMY.

CAF4106I**SMFDOUT SET TO DUMMY - NO ADDITIONAL COPY MADE****Reason:**

The SMFDLS dump JCL SMFDOUT is set to DUMMY

Action:

None needed. Information only.

CAF4107I**ADDITIONAL COPY OF RECORDS WILL BE WRITTEN TO SMFDOUT****Reason:**

SMFDOUT was set to an output DASD or tape file in the dump JCL, so an additional copy of the SMF data from the logstream will be written out.

Action:

None needed. Information only.

CAF4108S**EARLY TERMINATION OF SMF DIRECTOR DETECTED****Reason:**

CA SMF Director has abended during its initialization

Action:

Consult the error diagnostics in the printed output, especially in CAIPRINT and SYSXDIAG (if present). If the errors are correctable, make corrections and retry the dump. If the errors cannot be corrected, contact Technical Support at <http://ca.com/support>. Be prepared to send in the job's printed output as well as a copy of your SCDS.

CAF4201E**ABORT DETECTED BY USER EXIT 1****Reason:**

IFASMF DL User Exit 1 detected a condition that necessitates an early termination. User Exit 2 has detected the condition and will no longer process any more records.

Action:

Examine the printed output, especially the CAIPRINT output, for reasons as to why the abort may have occurred. If the problems are correctable, make corrections and retry the dump. If the errors are not correctable, contact Technical Support at <http://ca.com/support>.

CAF4202E**INVALID PARAMETER PASSED TO SMFDLX2****Reason:**

IFASMF DL has passed invalid parameters to User Exit 2

Action:

Contact your systems programmer.

CAF4203S**EARLY TERMINATION OF SMF DIRECTOR DETECTED****Reason:**

CA SMF Director has abended during its initialization

Action:

Consult the error diagnostics in the printed output, especially in CAIPRINT and SYSXDIAG (if present). If the errors are correctable, make corrections and retry the dump. If the errors cannot be corrected, contact Technical Support at <http://ca.com/support>. Be prepared to send in the job's printed output as well as a copy of your SCDS.

CAF4300I**END OF SMF DATA REACHED****Reason:**

The dump process has reached the end of the data to be dumped in the logstream.

Action:

None needed. Information only.

CAF4301E**ABORT DETECTED BY PRIOR EXIT****Reason:**

Either IFASMF DL User Exit 1 or IFASMF DL User Exit 2 has detected a condition where processing can no longer continue, and now User Exit 3 is acknowledging the condition.

Action:

Examine the printed output, especially the CAIPRINT output, for reasons as to why the abort may have occurred. If the problems are correctable, make corrections and retry the dump. If the errors are not correctable, contact Technical Support at <http://ca.com/support>.

CAF5

CAF5000S

No error**Reason:**

The JSDXQERR routine was called unexpectedly.

Action:

This may or may not indicate an error in the program. Contact Technical Support at <http://ca.com/support>.

CAF5001S

SCDS corrupted**Reason:**

During the SCDS query, corruption was detected in the SCDS data set.

Action:

Run a CHECKIT or BACKUP/RESTORE job on SCDS as soon as possible. Correct any problems that are detected.

CAF5002S

Internal error**Reason:**

An unexpected error occurred during the SCDS query.

Action:

Contact Technical Support at <http://ca.com/support> with the diagnostic information that was displayed.

CAF5003S**Internal error****Reason:**

An unexpected error occurred in the JSDQRY module.

Action:

Contact Technical Support at <http://ca.com/support> with the diagnostic information that was displayed.

CAF5004S**Out of memory****Reason:**

Failed to obtain free memory.

Action:

Ensure that you have enough memory for the ISPF session. If the problem persists, contact Technical Support at <http://ca.com/support> with the diagnostic information that was displayed.

CAF5005T**Initialization of JSDQRY module failed****Reason:**

SMF Director Online failed during startup.

Action:

Try to restart ISPF and TSO. If the problem persists, contact Technical Support at <http://ca.com/support>.

CAF5008T**An unexpected error (NOVALUE condition) occurred****Reason:**

SMF Director Online encountered a fatal error.

Action:

Contact Technical Support at <http://ca.com/support> with the diagnostic information that was displayed.

CAF5009T**An unexpected abend occurred during SCDS query****Reason:**

SMF Director Online encountered a fatal error.

Action:

Contact Technical Support at <http://ca.com/support> with the diagnostic information that was displayed.

CAF5010E**SCDS is locked****Reason:**

It was not possible to obtain shared ENQ lock on the SCDS.

Action:

There may be a maintenance job running on the SCDS in the background, which holds an exclusive ENQ lock.

CAF5011E**UCBSCAN failed****Reason:**

It was not possible to locate the unit for the specified volume.

Action:

It is likely that the volume is offline or mistyped. The return and reason codes from UCBSCAN are displayed.

CAF5012E**Cannot allocate SCDS****Reason:**

The dynamic allocation of SCDS failed.

Action:

The return information from SVC 99 is displayed and can be used to diagnose the problem.

CAF5013E**Cannot open SCDS****Reason:**

Opening of the SCDS failed.

Action:

The return information from OPEN is displayed and can be used to diagnose the problem.

CAF5014E**Cannot deallocate SCDS****Reason:**

The dynamic deallocation of SCDS failed.

Action:

The return information from SVC 99 is displayed and can be used to diagnose the problem.

CAF5015E**Cannot open SCDS****Reason:**

Opening of the SCDS failed with an abend.

Action:

Ensure that the name of the referenced SCDS is correct and that the data set is really a SCDS. If the problem persists, contact Technical Support at <http://ca.com/support> with the diagnostic information that was displayed.

CAF5016E**Invalid SCDS version****Reason:**

The version of the SCDS opened is incorrect.

Action:

Ensure that the file really is a SCDS of version V040 or above (CA SMF Director r11 or higher).

CAF5101W**No configs defined****Reason:**

The option is not valid for the current SCDS, because there are no configurations defined in it.

Action:

No action required. You may want to define configurations in the SCDS.

CAF5102W**No substreams/logstreams defined****Reason:**

The option is not valid for the current configuration, because there are no streams defined for it.

Action:

No action required. You may want to define substreams or logstreams in the SCDS by using the SUBNAME/LSNAME option of the DUMPOPTIONS statement.

CAF5103W**No history files****Reason:**

There are no history files in either primary or alternate indexes for the selected configuration and substream/logstream.

Action:

No action required.

CAF5104I**Primary index selected****Reason:**

The history files currently displayed come from the primary index.

Action:

No action required.

CAF5105I

Alternate index selected

Reason:

The history files currently displayed come from the alternate index.

Action:

No action required.

CAF5106I

Top of data

Reason:

There are no history files from dates earlier than the ones displayed.

Action:

No action required.

CAF5107I

Bottom of data

Reason:

There are no history files from dates later than the ones displayed.

Action:

No action required.

CAF5108I

Start date yyyy/mm/dd

Reason:

This date has been selected as a starting point, and the history files from that point on are displayed.

Action:

No action required.

CAF5109E**Year outside the range****Reason:**

The specified year is outside of the valid range.

Action:

Reenter the date with a year from 1960 to 2059.

CAF5110W**Record not found****Reason:**

The record about a selected history file cannot be found in the SCDS. It may have been removed by the AUTODELETE feature of CA SMF Director.

Action:

Select a different history file from the list.

CAF5201E**Unrecognized command****Reason:**

The command that was entered is unknown or invalid.

Action:

Reenter a valid command. You can use the HELP command to get more information about valid commands.

CAF5202E**Block number too high****Reason:**

The block number that was entered is outside of the range.

Action:

Reenter a hexadecimal block number in the displayed range.

CAF5203W

Invalid option

Reason:

The option that was entered is not valid.

Action:

Reenter a valid option. Valid options are listed on the left in the menu.

CAF5204W

Service Desk not active

Reason:

The option is not valid, because CA Service Desk is not active.

Action:

No action required. You may want to activate CA Service Desk by using the SERVICEDESK option of the OPTIONS statement.

Chapter 2: Abends

Abend Code	Explanation
1000	An operation exception was detected. Contact Technical Support at http://ca.com/support immediately.
3000	There is a lock on the SCDS. The previous execution of CA SMF Director started to update a series of related records and either was not properly terminated, or another job was running concurrently and had the SCDS lock when the abended job wanted it. To recover, see message CAF0555A.
3001	See message CAF2412I.
3002	The SMF MANn file was not successfully cleared or the verification was unsuccessful. Rerun CA SMF Director and if it fails again, take the action described in message CAF2101T.
3003	A primary history file could not be opened for a configuration with substreams. The dump fails and no index entries are added to the SCDS. Review any preceding error messages and the JOBLOG, and update your configuration accordingly. All primary history files must be opened correctly in order to successfully process a dump for a configuration with substreams.
3010	See message CAF2405I.
3020	See message CAF2101T.
3030	Severe error occurred while reading a history file. See the CA SMF Director Audit Trail for error messages that will explain in detail the error that occurred.
4000	Internal error condition. Contact Technical Support at http://ca.com/support immediately.
4001	All of the Internal Storage Management area has been used up. No CSA space had been available from a prior GETMAIN, so internal storage was being used. Increase region size and rerun the job.
4002	When generating a formatted dump, a recursion error occurred. There should be sufficient information in the dump for CA to diagnose the error. For assistance, contact Technical Support at http://ca.com/support . Have the dump available.
4003-4	Internal error conditions. Contact Technical Support at http://ca.com/support immediately.