CA Common Services for z/OS

Message Reference Guide

Version 14.0

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- CA Scheduler® Job Management
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Chapter 1: CA-C Component Messages

Messages in this chapter are issued by the CA-C component.

Message Listing

Many messages in this guide have a one-character suffix that indicates the nature of the message, as follows:

Suffix	Meaning
A	Action
I	Informational
S	Successful
F	Fatal
E	Error
W	Warning

List of CA-C Messages

The following messages are issued by the CA-C component.

CA-C001E

CA$ULPA4 not found in LPA.

Reason:

CA$UMEM4 cannot find the CA$ULPA4 module on LPA. Either the LPA chain is broken or the F330INIT program never ran.

Action:

Run F330INIT using CAIRIM.

CA-C002E

AXSET not successful RC(*nn*).

Reason:

CA$UMEM4 attempted to issue an AXSET z/OS macro service and received a bad return code.

Action:

For assistance, contact CA Support.

CA-C003E

AXRES not successful RC(*nn*).

Reason:

CA$UMEM4 attempted to issue an AXRES z/OS macro service and received a bad return code.

Action:

For assistance, contact CA Support.

CA-C004E

ETCRE not successful RC(*nn*).

Reason:

CA$UMEM4 attempted to issue an ETCRE z/OS macro service and received a bad return code.

Action:

For assistance, contact CA Support.

CA-C005E

ETCON not successful RC(*nn*).

Reason:

CA$UMEM4 attempted to issue an ETCON z/OS macro service and received a bad return code.

Action:

For assistance, contact CA Support.

CA-C006E

Storage allocation error.

Reason:

CA$UMEM4 is asking for main storage, but the system cannot provide it.

Action:

Rerun the job using a larger region size.

CA-C007E

Can't locate JFCB for DDNAME *ddname*

Reason:

CA$UMEM4 cannot locate the JFCB control block on the z/OS chains.

Action:

For assistance, contact CA Support.

CA-C008W

DD1 not found in TIOT list.

Reason:

CA$UMEM4 cannot locate the DD1 ddname in the z/OS TIOT table.

Action:

Allocate DD1 in your JCL.

CA-C009E

Open/read failed, DDNAME: *ddname* DSNAME: *data_set_name* RC(*nn*)

Reason:

CA$UMEM4 found an error while opening or reading the data set.

Action:

For assistance, contact CA Support.

CA-C010E

Sequence error DDNAME: *ddname* DSNAME: *data_set_name* MEMBER: USERID:

Reason:

CA$UMEM4 found that the directory members are not sorted alphabetically, producing a logic error.

Action:

For assistance, contact CA Support.

CA-C011I

Loaded members DDNAME: *ddname* DSNAME: *data_set_name* NO-MEMBERS: *nn*

Reason:

CA$UMEM4 loaded in memory *nn* members from the displayed ddname.

Action:

No action is required.

CA-C013E

Logic error DDNAME: *ddname* DSNAME: *data_set_name*

Reason:

CA$UMEM4 found a logic error trying to load a resident file in memory.

Action:

For assistance, contact CA Support.

CA-C014E

Open/read failed, DDNAME: *ddname* DSNAME: *data_set_name* USERID: RC(*nn*)

Reason:

CA$UMEM4 found an error while opening or reading the data set.

Action:

For assistance, contact CA Support.

CA-C015E

Logic error DDNAME: *ddname* DSNAME: *data_set_name* USERID: *user_id*

Reason:

CA$UMEM4 found a logic error trying to load a resident file in memory.

Action:

For assistance, contact CA Support.

CA-C016I

CA-C resident access shutting down.

Reason:

CA$UMEM4 is shutting down. This message is informational.

Action:

No action is required.

CA-C017I

Operator command incomplete or invalid.

Reason:

The operator command cannot be recognized.

Action:

Retype the command properly.

CA-C018E

CA-C resident access abnormally terminating RC(*nn*).

Reason:

CA$UMEM4 is terminating because of an abend.

Action:

For assistance, contact CA Support.

CA-C100I

CA-C resident access installed - SVC(*nnn*)

Reason:

The CA-C resident files facility has been installed properly and is using the displayed SVC. This message is informational.

Action:

No action is required.

CA-C101E

Error adding 'CA$ULPA4' module to/from LPA.

Reason:

An error occurred while loading or deleting the CA$ULPA4 module.

Action:

Check that CA$ULPA4 is on the CA Common Services target library.

CA-C102E

Error locating free SVC number.

Reason:

F330INIT cannot locate a free SVC on the z/OS nucleus. The CA-C resident files facility will not run.

Action:

Free an SVC if possible.

CA-C103E

System already installed.

Reason:

F330INIT detected that the CA$K subsystem is already installed.

Action:

No action is required if you are attempting to install the CA$K subsystem. If you are attempting to refresh the CA$K subsystem, you must use PARM(REINIT).

CA-C104E

Error installing SVC routine.

Reason:

An error occurred while installing the CA-C SVC routine.

Action:

For assistance, contact CA Support.

CA-C105E

Reinit invalid – system is active.

Reason:

The REINIT option was passed, but the CA-C resident files facility is active.

Action:

Stop the CA$UMEM4 region.

CA-C106W

Reinit parm ignored – system never installed.

Reason:

The REINIT option was passed, but the CA-C resident files facility was never installed.

Action:

No action is required.

CA-C107E

Error installing subsystem CA$K.

Reason:

An error occurred while trying to install the CA-C resident files for the CA$K subsystem.

Action:

For assistance, contact CA Support.

Chapter 2: CACM Messages

List of CACM Messages

The following messages are produced by the Agent Technology Calendar function.

CACM_E_001

Error *nnn* starting an LUW.

Reason:

An error occurred while attempting to process your request as a Logical Unit of Work (LUW).

Action:

Contact your system administrator.

CACM_E_002

DB message: *name*.

Reason:

This message is typically accompanied by additional messages, which together describe the cause of the problem. These messages are useful to CA Support technicians and your system administrator. Contact your system administrator initially to correct this problem condition.

Action:

Check the accompanying error messages and consult your system administrator. For assistance, contact CA Support.

CACM_E_003

Error *nnn* during Calendar selection on table *name*.

Reason:

A database error occurred while attempting to select a calendar from the database.

Action:

Contact your system administrator.

CACM_E_006

Error *nnn* committing an LUW.

Reason:

An error occurred while attempting to commit your request as a Logical Unit of Work (LUW).

Action:

Contact your system administrator.

CACM_E_007

Error *nnn* connecting to database *name*.

Reason:

A number of reasons can cause this error. You may not have authority to access the database, or the database may not be running.

Action:

Check to be sure that you have authority to open the database and that the database is running.

CACM_E_009

Bad request *name* sent to the Calendar process from *name*.

Reason:

An internal error occurred while processing your Calendar request.

Action:

For assistance, contact CA Support.

CACM_E_010

Error *nnn* disconnecting from *database name*.

Reason:

An error occurred while attempting to close the database.

Action:

Contact your system administrator.

CACM_E_011

Failure in function *name* with return code *nnn*, and drc *nnn*.

Reason:

A CAICCI function failed. This message is followed by the CACM_E_012 message, which details the actual error.

Action:

Refer to the CAICCI Return Codes in the online help for information about the specified return code, and then contact your system administrator.

CACM_E_012

Function *name* error message: *xxxx*.

Reason:

A CAICCI function failed. This message is typically accompanied by additional messages, which together describe the cause of the problem. These messages are useful to CA Support technicians and your system administrator. Contact your system administrator initially to correct this problem.

Action:

Check the accompanying error messages and consult your system administrator. For assistance, contact CA Support.

CACM_E_013

Failure in memory allocation function for object *name*.

Reason:

An attempt to acquire virtual memory, through the malloc library call, failed.

Action:

Consult your system administrator. Additional system swap space may need to be defined. For assistance, contact CA Support.

CACM_E_014

Calendar name or request not found.

Reason:

The Calendar is not defined to the database or was specified incorrectly.

Action:

Verify that the Calendar definition exists, and check the path and file name. Define the Calendar if it is not defined, or correct the path and file name. Resubmit the request. For assistance, contact CA Support.

CACM_E_015

Invalid date specified by request.

Reason:

An invalid month or day value was specified as a date, or the date format is incorrect.

Action:

Contact your system administrator for the correct date format, correct the date, and resubmit the request.

CACM_E_016

Invalid time specified by request.

Reason:

You specified an invalid time for a request.

Action:

Contact your system administrator for the correct time format, correct the time, and resubmit the request.

CACM_E_017

Delete failed because Calendar *name* not loaded or doesn't exist.

Reason:

You attempted to delete a Calendar profile that does not exist in the database.

Action:

No action is required.

CACM_E_018

DB Error *nnn* fetching Calendar definition.

Reason:

A number of reasons could cause this error:

- The Calendar is not defined to the database.
- The path or file name specified does not exist.
- You do not have permission to access this Calendar.

Action:

Check the accompanying error messages to determine the exact cause and proceed accordingly. For assistance, contact CA Support.

CACM_E_019

Error requesting the status of Calendar *binary file name*.

Reason:

An error occurred during the execution of the system stat command. A component of the path does not exist or is not a directory.

Action:

Verify that the Calendar definition exists, and check the path and file name. Define the Calendar if it is not defined, or correct the path and file name. Resubmit the request. For assistance, contact CA Support.

CACM_E_021

Calendar *binary name* is invalid. Expecting *nnn* bytes but found *nnn* bytes.

Reason:

The binary file is either too long or too short.

Action:

Recreate the binary file by saving the Calendar definition using either the GUI or the command line interface.

CACM_E_022

Calendar *binary file name* can't be opened for reading.

Reason:

A number of reasons could cause this error:

- The Calendar is not defined to the database.
- The path or file name specified does not exist.
- You do not have permission to access this Calendar.

Action:

Check the accompanying error messages to determine the exact cause and proceed accordingly. For assistance, contact CA Support.

CACM_E_023

Error reading Calendar *binary file name*(*keywords*)..]

Reason:

An internal error occurred while trying to read the binary file.

Action:

Recreate the binary file by saving the Calendar definition using either the GUI or cautil.

CACM_E_025

No Calendar name was specified for update request.

Reason:

You attempted to update a Calendar profile, but did not specify an ID.

Action:

Specify an ID and resubmit the request.

CACM_E_026

Specified Calendar name not found during update request.

Reason:

A number of reasons could cause this error:

- The Calendar is not defined to the database.
- The path or file name specified does not exist.
- You do not have permission to access this Calendar.

Action:

Check the path and file name of the Calendar, correct it and resubmit the request, or define a new Calendar profile. For assistance, contact CA Support.

CACM_E_029

Error changing current working directory to *name*.

Reason:

The path name specified is invalid or you do not have permission to access it.

Action:

Verify that the path name is correct and that you have permission to access it.

CACM_E_031

Error *nnn* deleting Calendar *name* from Table *name*.

Reason:

An error occurred while deleting a Calendar definition from the database.

Action:

Check the Calendar name and path name to be sure it exists. For assistance, contact CA Support.

CACM_E_032

Specified Calendar name not found in Calendar database.

Reason:

The Calendar specified does not exist in the database.

Action:

Check the name of the Calendar, correct it and resubmit the request, or define a new Calendar profile.

CACM_E_033

Error obtaining current date and time.

Reason:

The Calendar process was unable to access the system date and time.

Action:

Contact your system administrator.

CACM_E_034

Error *nnn* inserting Calendar *name* into Table *name*.

Reason:

A number of reasons could have caused this error:

- You may not have write access to the table.
- The database may not be running.
- The table may not have the resources to add a new entry.

Action:

Contact your system administrator.

CACM_E_035

Error *nnn* updating Calendar *name* in Table *name*.

Reason:

A number of reasons could have caused this error:

- You may not have write access to the table.
- The Calendar may not exist.
- The database may not be running.
- The table may not have the resources to add a new entry.

Action:

Contact your system administrator.

CACM_E_036

Error opening Key Lock file.

Reason:

The Calendar process was unable to open the key lock file used to prevent more than one Calendar process from starting.

Action:

For assistance, contact CA Support.

CACM_E_037

Calendar process pid not saved in the Key Lock file.

Reason:

The process ID of the previous Calendar process was not saved in the key lock file.

Action:

For assistance, contact CA Support.

CACM_E_039

Error sending shutdown signal SIGUSR1 to prior Calendar process pid=*xxx*.

Reason:

The prior Calendar process was shutdown prematurely or terminated in an error.

Action:

Restart the calendar service provider. For assistance, contact CA Support.

CACM_E_040

Error trying to seek to the beginning of the Key Lock file.

Reason:

The calendar process failed to position to the beginning of the key lock file.

Action:

For assistance, contact CA Support.

CACM_E_041

Error writing the pid to the Key Lock file.

Reason:

The calendar process encountered an error while writing the process ID to the key lock file.

Action:

For assistance, contact CA Support.

CACM_E_042

Error opening the Key Lock file in create mode.

Reason:

The calendar process was unable to create a new key lock file.

Action:

For assistance, contact CA Support.

CACM_E_043

The pid was not written to the Key Lock file.

Reason:

The process ID was not stored in the key lock file due to a previous error.

Action:

For assistance, contact CA Support.

CACM_E_044

Error closing the Key Lock file.

Reason:

The Calendar process encountered an error while closing the key lock file.

Action:

For assistance, contact CA Support.

CACM_E_054

Calendar *name binary file* rebuild failed.

Reason:

An error occurred during the binary file rebuild. The named Calendar was not added to the active Calendar list.

Action:

Check the reasons and actions of all accompanying messages.

CACM_E_055

Calendar process terminated.

Reason:

The Calendar process has terminated.

Action:

Examine previous messages to see why the process terminated.

CACM_E_056

Calendar definition/administration must be done on the server node - calendar command not successful.

Reason:

A Calendar process running in CLIENT mode received a request for an operation that is only available while running in SERVER mode.

Action:

This is probably due to an installation error. Correct the install options with SVSETUP.

CACM_E_057

Calendar process not active on Calendar server node *xxxxxxxx*.

Reason:

The Action routine was unable to perform the request because the Calendar process is not started on the indicated node.

Action:

Start the Calendar process using the UNICNTRL START COM command. For more information on the UNICNTRL command, consult the online help.

CACM_E_060

Calendar name already exists.

Reason:

The calendar name you specified as part of a copy, rename, or save process has already been used.

Action:

Choose another calendar name and resubmit the processes.

CACM_E_062

Error creating Calendar *xxx* retry thread; reconnection will not be attempted.

Reason:

An internal error occurred that prevented the Calendar process from reattempting to connect to the database or DSB file.

Action:

For assistance, contact CA Support.

CACM_E_064

Calendar process unable to *xxx* DSB file *xxx*, rc=*nnn*.

Reason:

An error occurred while attempting to access (open | map | verify) the calendar DSB file.

Action:

If an open error: Check the DSB file name and path for existence.

If a verify error: The DSB file is unrecognizable due to corruption or version incompatibility. Contact your system administrator.

If a map error: For assistance, contact CA Support.

CACM_E_066

Calendar DSB file name is missing or invalid.

Reason:

The value specified for the calendar configuration option Copy on incore Calendars is invalid.

Action:

Contact your system administrator.

CACM_E_079

Calendar command buffer size exceeded - calendar not saved.

Reason:

You have reached the limit of the calendar command buffer for this calendar. Any additional modification commands will not be saved for this calendar.

Action:

You can only exit from this calendar without saving your changes.

CACM_F_004

Fatal error. Insufficient storage available. Calendar process terminating.

Reason:

An attempt to acquire virtual memory, through the malloc library call, failed.

Action:

Consult your system administrator. Additional system swap space may need to be defined. For assistance, contact CA Support.

CACM_F_028

Error cloning process fork. Calendar process terminating.

Reason:

A system error occurred while attempting to start a child process. This message is typically accompanied by additional messages, which together describe the cause of the problem. These messages are useful to CA Support technicians and your system administrator. Contact your system administrator initially to correct this problem condition.

Action:

Check the accompanying error messages and consult your system administrator. For assistance, contact CA Support.

CACM_F_045

Fatal error: there is another Calendar process running.

Reason:

Only one Calendar process can be active at a time.

Action:

Use the cautil caladmin -s command to shut down the previous process.

CACM_F_046

Fatal error creating Key Lock file. Calendar process terminated.

Reason:

The Calendar process was unable to create the key lock file.

Action:

For assistance, contact CA Support.

CACM_F_053

Fatal error. Unable to establish a new session and become session leader.

Reason:

The Calendar process was unable to establish a new session. This message is typically accompanied by additional messages, which together describe the cause of the problem. These messages are useful to CA Support technicians and your system administrator. Contact your system administrator initially to correct this problem condition.

Action:

Check the accompanying error messages and consult your system administrator. For assistance, contact CA Support.

CACM_I_058

Calendar process starting in SERVER mode.

Reason:

Informational message.

Action:

No action is required.

CACM_I_059

Calendar process starting in CLIENT mode.

Reason:

Informational message.

Action:

No action is required.

CACM_S_005

Number of calendars loaded into storage is *nnn*.

Reason:

This message displays when you initialize or refresh the Calendars loaded into the Calendar process memory.

Action:

Informational only.

CACM_S_008

Calendar *name binary file* rebuilt for current year.

Reason:

The binary file for the named Calendar was created in a previous year and may have been invalid, so it was rebuilt.

Action:

Informational only.

CACM_S_020

Calendar *name* INSERT successful.

Reason:

INSERT of named Calendar was successful after an unsuccessful ALTER.

Action:

Informational only.

CACM_S_024

Calendar *name* ALTER successful.

Reason:

ALTER of named Calendar was successful after an unsuccessful INSERT.

Action:

Informational only.

CACM_S_027

Calendar process shutting down.

Reason:

The caladmin command for shutting down the Calendar process was issued.

Action:

Informational only.

CACM_S_047

Calendar process initialization in progress ...

Reason:

The Calendar process has started processing. Initialization is in progress.

Action:

Informational only.

CACM_S_048

Calendar process initialization was successful. Waiting for requests ...

Reason:

The Calendar process is running.

Action:

Informational only.

CACM_S_050

List of available Calendars.

Reason:

Part of the heading used by the Calendar process.

Action:

Informational only.

CACM_S_051

Calendar name is available.

Reason:

The named Calendar is available.

Action:

Informational only.

CACM_W_030

Warning! Original filesystem *xxxx* may not be unmounted.

Reason:

You attempted to unmount the original file system. This is not allowed.

Action:

Contact your system administrator.

CACM_W_052

Warning! Calendar process caught interrupt signal *nnn*. Shutdown Initiated!

Reason:

An interrupt signal was sent to the Calendar process. This message is typically accompanied by additional messages, which together describe the cause of the problem. These messages are useful to CA Support technicians and your system administrator. Contact your system administrator initially to correct this problem condition.

Action:

Check the accompanying error messages and consult your system administrator. For assistance, contact CA Support.

CACM_W_061

Warning! Calendar DSB file will be loaded while database connection is retried.

Reason:

The Calendar process could not successfully connect the database. Calendars are loaded from the DSB file path specified for the calendar settings description Copy of incore calendars. Subsequent database retry attempts will be made as the db load retry calendar settings.

Action:

Notify your system administrator of the connection failure so that the error can be investigated and corrected. Once the database is again available, the calendar process will reload its calendars at the next retry interval.

CACM_W_063

Warning! Calendar process *xxx* connection retry timed out after *nnn* attempts, *nnn* seconds.

Reason:

The Calendar process was not successful in its attempt to access the database or DSB file after the specified number of retries.

Action:

If the calendar database or DSB file becomes available after the issuance of this message, calendars may be reloaded using the caladmin command with the -r option.

CACM_W_065

Warning! Calendar process update request for *xxx* cannot be satisfied; database not in use.

Reason:

A calendar update request was sent to the calendar process for the specified calendar. The request could not be processed either because the database was not yet available, or because the calendar configuration option Load from database? specified N (no).

Action:

If the calendar database becomes available after the issuance of this message, calendars may be reloaded using the caladmin command with the -r option. Otherwise, no action is required.

Chapter 3: CACT Messages

List of CACT Messages

Messages in this chapter are produced by the Agent Technology Calendar function.

CACT_E_BADCOMMAND

Command *xxxxxxxx* not recognized.

Reason:

The indicated CALENDAR command is not recognized.

Action:

Reenter using a valid CALENDAR command. For more information on the CALENDAR command, consult the online cautil help.

CACT_E_BADDELETE

Delete not successful.

Reason:

Your attempt to delete a Calendar was unsuccessful.

Action:

Informational only.

CACT_E_BADRENAME

Rename not successful.

Reason:

Your attempt to rename a Calendar was unsuccessful.

Action:

Informational only.

CACT_E_BADTIME

Commands after SETTIME not valid.

Reason:

The commands following the SETTIME command are not valid, or are inappropriate for the SETTIME command.

Action:

Reenter SETTIME followed by valid SETTIME commands.

CACT_E_BADYEAR

Invalid year in Calendar name ignored.

Reason:

An invalid year was specified.

Action:

Reenter the command using a valid year.

CACT_E_CHILDYEAR

Child year must match parent year.

Reason:

The fixed year associated with the embedded calendar (the child) does not match the fixed year of the parent calendar. The fixed years for both calendars must match.

Action:

Specify a new child calendar or change the fixed year specification of the parent calendar.

CACT_E_ENDING_BATCH

Calendar batch processing terminated.

Reason:

Calendar processing has ended due to a previous error.

Action:

Correct the errors and resubmit the command.

CACT_E_EXISTS_BATCH

File *xxxxx* exits. Delete and rename the job.

Reason:

You tried to save, copy, or rename a calendar using a calendar name that already exists.

Action:

Delete the existing file or choose a different name and resubmit.

CACT_E_INVALIDINPUT

Invalid characters, Calendar saved as *xxxxxxxx*.

Reason:

Invalid characters in Calendar name.

Action:

No action is required.

CACT_E_ISPARENT

Calendar *xxxx* cannot be a child.

Reason:

The named Calendar is a parent and cannot be its own child.

Action:

Resubmit the request without including the named Calendar.

CACT_E_MEMORYALLOC

Failure in memory allocation function.

Reason:

Error occurred while allocating memory.

Action:

Try the command at a later time. For assistance, contact CA Support at http://ca.com/support.

CACT_E_NOCAL

Calendar *xxxxxxxx* not found.

Reason:

The indicated Calendar does not exist.

Action:

Reenter the command with a valid Calendar name. For more information on the CALENDAR command, consult the cautil online help.

CACT_E_NOCAL_BATCH

Calendar *xxxxxxxx* not found.

Reason:

The indicated Calendar does not exist.

Action:

Reenter the command with a valid Calendar name. For more information on the CALENDAR command, consult the online cautil help.

CACT_E_NOCAL_BATCH

Calendar name required for *xxxxxx* function.

Reason:

Calendar name missing.

Action:

Reenter the function with the required Calendar name.

CACT_E_NOOPEN_BATCH

Error opening *xxxxxxxx*.

Reason:

An unexpected error occurred while opening the indicated Calendar file.

Action:

Verify that the Path to the Calendar data files is valid and available (refer to Configuration, Settings). When the path is verified, resubmit the command. For assistance, contact CA Support at http://ca.com/support.

CACT_E_NOTCALNAME

Commands after *xxxxxxxx* must be CALENDAR and *name*.

Reason:

The Calendar verbs DEFINE, DELETE and ALTER must be followed by the object name CALENDAR.

Action:

Reenter using the correct command syntax. For more information on the CALENDAR command, consult the online cautil help.

CACT_E_NOTDAY

Command after *xxxx* must be DAY.

Reason:

The syntax specified for the Calendar command is incorrect.

Action:

Correct the syntax and resubmit the command.

CACT_E_NOTDAYRANGE

Commands after *xxxxxxxx* must be *dd* to *dd* or DAY1 to DAY2.

Reason:

Invalid range of days specified after the indicated CALENDAR command.

Action:

Reenter using a correct range for the days. For more information on the CALENDAR command, consult the online cautil help.

CACT_E_NOTFOUND

File *xxxx* not found.

Reason:

The named file could not be found.

Action:

Verify that the file exists and that you have permission to access it using the ls -l command. Verify that you have read permission for the directories in the path using the ls -ld command. Your system administrator can modify the permissions. Resubmit the command.

CACT_E_NOTMMDD

Command after *xxxxxx* must be *mm*/*dd*.

Reason:

The indicated command must be followed by a *mm*/*dd* command.

Action:

Reenter the command followed by the required *mm*/*dd* command.

CACT_E_NOTSERVER

Calendar definition/administration must be done on the server node. (*xxxx* command not successful.)

Reason:

User attempted to define a calendar or update the calendar daemon on a node that was not the server.

Action:

Define a calendar or update the daemon on the named server node.

CACT_W_DODELETE

Delete Calendar *xxxx*?

Reason:

You issued the command to delete a Calendar. This message is asking you to confirm the deletion.

Action:

Click OK to delete the Calendar or click Cancel to cancel the delete.

CACT_W_NEWCONFIG

Save configuration file as *xxxx*?

Reason:

You issued the command to save the configuration changes. This message is asking you to confirm the copy.

Action:

Click OK to save the file or click Cancel to cancel the save.

CACT_W_NEWYEAR

Including Calendar *xxxx* will set year, continue?

Reason:

You are attempting to include a year-specific Calendar and the parent Calendar has no year set.

Action:

Click OK to set the year for the parent Calendar and include the file or click Cancel to not include the file.

CACT_W_NOCAL

Calendar *xxxx* not found, continue?

Reason:

The Calendar name you requested cannot be found in the database. This message is asking if you would like to continue with a new Calendar definition.

Action:

Click OK to display a new (blank) Calendar window or click Cancel to cancel the Calendar access.

CACT_W_NOTSAVED

Calendar has not been saved, continue?

Reason:

The Calendar has been changed, but you have not saved the current changes. This message is asking you to confirm that you want to exit without saving the Calendar.

Action:

Click OK to exit the window without saving the changes or click Cancel to cancel the exit.

CACT_W_OPENERROR

Error opening *xxxx*, continue?

Reason:

An error was encountered during the opening of a calendar file. This message asks whether you want to continue with the file open.

Action:

Verify that the file exists and that you have permission to access it using the ls -l command. Verify that you have read permission on each directory in the path using the ls -ld command. Your system administrator can modify the permissions. Click OK to retry the file open or click Cancel to cancel the file exit.

CACT_W_OVERWRITE

Overwrite existing file *xxxx*?

Reason:

You have issued a command that causes the overwriting of an existing calendar file. This message is asking you to confirm the overwrite.

Action:

Click OK to overwrite the existing Calendar or click Cancel to cancel the save.

CACT_W_YEARCHG

Year has been changed, save Calendar as *xxxx*?

Reason:

While editing an existing Calendar you changed the Year field. This message is asking you to confirm whether you want to save the Calendar under a new name.

Action:

Click OK to save the Calendar under a new name or click Cancel to cancel the save.

Chapter 4: CAHC Messages

List of CAHC Messages

The following messages are issued by the CA Health Checker common service.

CAHC095E

jjjjjjj* #ERROR Code=*cccc* issued by *lmod.csect+offset
error description

Reason:

The CA Health Checker common service routine has detected an illogical condition or has encountered an unexpected failure in a called service. The jobname, *jjjjjjj*, internal error code, *cccc*, and module information is provided in the message.

Action:

This message provides information for CA Support to help diagnose the problem. An SVC dump is captured and a LOGREC entry is generated to provide first failure data capture information to aid in diagnosing the condition.

CAHC101I

***function* Return Code x'*cccccccc*' Reason Code x'*rrrrrrrr*'**

Reason:

The CA Health Checker common service routine has completed processing for the named function. The hexadecimal return code and reason code are returned to the caller of the service. The *function* is the name of the CA Health Checker service being requested.

Action:

This message provides information for CA Support to help diagnose the problem.

CAHC102I

CA Health Checker *release*
copyright data

Reason:

The CA Health Checker system address space is beginning initialization.

Action:

This message is informational only.

CAHC103I

***jjjjjjjj* is active**

Reason:

The CA Health Checker system address space has completed initialization and is now active.

Action:

This message provides information for CA Support to help diagnose the problem.

CAHC105E

Unable to establish #HCHECK interface

Reason:

The CA Health Checker system address space encountered a failure when attempting to establish the common storage resident CA Health Checker common service interface. The CA Health Checker system address space terminates.

Action:

Collect documentation such as SYSLOG and any SVC dumps and contact CA Support.

CAHC106W

CAHCHECK terminating; Incompatible release already active

Reason:

The CA Health Checker detected that a previous release of the CA Health Checker common service is already active in the system and is incompatible with the release which is being started.

Action:

The CAHCHECK system address space terminates. Implementation of the release being initialized requires a z/OS IPL to perform activation.

CAHC109E

jjjjjjjj **RACROUTE VERIFY failed; SAF RC=*x'ss'* SEC RC =*x'rr'* SEC RSN=*x'cc*'**

Reason:

The CAHCHECK Common Service system address space attempted to create a trusted user security environment; however, an unexpected return code was encountered.

Action:

This message provides information for CA Support to help diagnose problems.

CAHC110I

jjjjjjjj **initialization in progress**

Reason:

The CA Health Checker system address space is beginning initialization.

Action:

This message is informational only.

CAHC111E

***jjjjjjjj* is already active**

Reason:

The CA Health Checker system address space detected that another CAHCHECK system address space is already active.

Action:

Only one CA Health Checker system address space can be active at any given time in a z/OS image.

CAHC112E

***jjjjjjjj* initialization failed**

Reason:

The CA Health Checker system address space detected an error condition during initialization that prevents execution from continuing. This message will be preceded by messages detailing the specific reason for the failure.

Action:

Collect documentation such as syslog, and contact CA Support.

CAHC113I

***jjjjjjjj* initialization complete**

Reason:

The CA Health Checker system address space has completed initialization and is ready to process requests for hosted health checks.

Action:

This message is informational only.

CAHC114E

Required CAMASTER address space services are not available

Reason:

The CA Health Checker system address space requires service provided by the CAMASTER common service system address space. The CA Health Checker system address space will terminate.

Action:

Verify that the CAMASTER common service system address space has been installed and has been activated at the previous z/OS IPL. CAMASTER is installed as a separate CA common service component.

CAHC115E

Cannot access CAMASTER address space; RC=x'*rrrrrrrr*' RSN=x'*cccccccc*'

Reason:

The CA Health Checker system address space encountered an unexpected failure in the CAMASTER SET-ACCESS-PASN service while attempting to connect to the CAMASTER system address space.

Action:

Collect documentation such as syslog , and contact CA Support.

CAHC142I

DISPLAY INIT:
DEBUGMSG=*value* MEMBER=*value* START=*value*

Reason:

This message is issued in response to a DISPLAY INIT command and shows the current values used during initialization processing.

Action:

This message is informational only.

CAHC143I

DISPLAY OPTIONS:
DEBUGMSG=*value*

Reason:

This message is issued in response to a DISPLAY OPTIONS command and shows current execution time options.

Action:

This message is informational only

CAHC144I

DISPLAY MODULES:

Reason:

This message is issued in response to a DISPLAY MODULES command.

Action:

This message is informational only.

CAHC145I

Release *release FMID*

Reason:

This message is issued in response to a DISPLAY MODULES command. It shows the release and SMP/E FMID of the CA Health Checker common service.

Action:

This message is informational only.

CAHC146I

lmod* origin *address* length *length
lmod address length RMID mm/dd/yy hh.mm

Reason:

This message is issued in response to a DISPLAY MODULES command. The response shows the load module load point address and length. Subsequent lines CSECT name, address, length, RMID, and assembly data and time.

Action:

This message is informational only.

CAHC147E

***service request* unexpected failure**
RETCODE=x'*rrrrrrrr*' RSN=x'*cccccccc*'

Reason:

This message indicates a failure was encountered attempting to register a z/OS ENF routine.

service indicates the name of the service invoked (either LOAD or ENQREQ).

*reques*t qualifies the specific function requested.

Action:

Collect documentation such as syslog and SVC dumps, and contact CA Support.

CAHC149I

DISPLAY OWNER:
Check-owner[@qualifier]
Owner Information
Task: *OWNERnnn*
Status: *task status*
Allocations
DDN: *DD name* **[(TASKLIB)]**
DSN: *data set name*
Checks
Check-name[@qualifier]
State: *current state*
Count: *run count*
Last: *date time of last run*

Reason:

This message is issued in response to a DISPLAY OWNERS command.

Action:

This message is informational only.

CAHC151I

DISPLAY TASKS:

```
  Task     Status            Description           TCB     STE
-------- ------------ ------------------------ -------- --------
OWNERnnn  status       task description          tcb-addr ste-addr
```

Reason:

This message is issued in response to a DISPLAY TASKS command.

Action:

This message is informational only.

CAHC152E

***Task-name* is not a defined task name**

Reason:

This message is issued in response to a task control command, such as START *task-name*, and so on. The *task-name* indicated is not a valid CAHCHECK task.

Action:

Issue the command supplying a valid CAHCHECK task name. The DISPLAY TASK command can be used to determine the names of valid CAHCHECK task.

CAHC153I

***Task-name* task stop scheduled**

Reason:

This message is issued in response to a STOP *task-name* command.

Action:

The CAHCHECK task is notified to stop processing and end. The task may be resumed at a later time by issuing a START *task-name* command.

CAHC154I

***Task-name* task cancel scheduled**

Reason:

This message is issued in response to a CANCEL *task-name* command.

Action:

The CAHCHECK task is asynchronously cancelled. The task will enter recovery processing and will attempt to resume processing and a known state.

CAHC155I

***Task-name* task start scheduled**

Reason:

This message is issued in response to a START *task-name* command.

Action:

The CAHCHECK task is created and will begin processing.

CAHC156W

***Task-name* task is not stopped**

Reason:

This message is issued in response to a START *task-name* command. A START *task-name* command was issued to start a task; however, the task was not in a stopped status.

Action:

The START command is ignored.

CAHC157I

***Task-name* task delete scheduled**

Reason:

This message is issued in response to a DELETE *task-name* command.

Action:

The CAHCHECK task is notified to stop. Once the task-name task has stopped, it is removed and cannot be resumed with a START command.

CAHC158W

***Task-name* task cannot be stopped**

Reason:

This message is issued in response to a STOP *task-name* command. The *task-name* task is critical to the operation of the CAHCHECK address space and is not eligible for stop processing.

Action:

The STOP command is ignored.

CAHC159E

Response terminated due to ABEND

Reason:

A command processor routine has encountered an ABEND condition.

Action:

The current command processing is terminated and any multi line command response lines are terminated.

CAHC161I

***cccccccc* command**

Reason:

This message is issued in response to a *cccccccc* command.

Action:

This message is informational only.

CAHC162E

***cccccccc* – command abended**

Reason:

A command processor routine has encountered an ABEND condition. *cccccccc* is the name of the command that experienced the failure.

Action:

The CAHCHECK command task will attempt to recover and will truncate a multi-line command response in progress.

CAHC163E

***rrrrrrrr* response location unavailable**
CONVCON RC=*rr* RSN=*nn*

Reason:

A command was entered that requested the command response be directed to console, or a console area; however, the request response location *rrrrrrrr* is not valid. The z/OS CONVCON service, used to validate the response location, has provided a return and reason code detailing the condition.

Action:

The command is ignored. Issue the command again providing a valid command response location as on the L=*rrrrrrrr* command operand.

CAHC164E

Command missing or invalid

Reason:

A command was issued, but either the command verb is missing, or the command verb is syntactically invalid.

Action:

Issue a valid CAHCHECK command.

CAHC165E

Unrecognized command: *cccccccc*

Reason:

A command was issued, but the command *cccccccc* is not a recognized CAHCHECK command verb.

Action:

Issue a valid CAHCHECK command.

CAHC166E

Required operand(s) missing

Reason:

A command was issued, but the command requires operands, which were not specified.

Action:

Issue the command and supply the required operands.

CAHC167I

SET OPTION:

Reason:

This message is issued in response to a SET OPTION command.

Action:

This message is informational only.

CAHC168I

SET OPTION processing complete

Reason:

This message is issued in response to the completion of a SET OPTION command.

Action:

This message is informational only.

CAHC169I

SET OWNER:

Reason:

This message is issued in response to a SET OWNER command.

Action:

This message is informational only.

CAHC170E

Unknown OWNER check-owner

Reason:

This message is issued in response to a SET OWNER command. The *check-owner* indicated is not a valid CAHCHECK hosted check-owner name.

Action:

Issue the command supplying a valid check-owner name. The DISPLAY OWNERS command can be used to determine the names of valid CAHCHECK hosted check-owners.

CAHC171I

SET OWNER processing complete

Reason:

This message is issued in response to the completion of a SET OWNER command.

Action:

This message is informational only.

CAHC172I

Request queue COLD-START complete

Reason:

This message is issued in response to the completion of a cold start of the CAHCHECK address space hosted health checks during initialization processing. A cold start is requested by adding PARM='START=COLD' to the start of the CAHCHECK address space.

Action:

This message is informational only.

CAHC174W

***Task-name* task cannot be deleted**

Reason:

This message is issued in response to a DELETE *task-name* command. The *task-name* task is critical to the operation of the CAHCHECK address space and is not eligible for delete processing.

Action:

The DELETE command is ignored.

CAHC176I

DISPLAY EVENTS:

Reason:

This message is issued in response to a DISPLAY EVENTS command.

Action:

This message is informational only.

CAHC177I

DEALLOCATION successful for *ddname*

Reason:

This message is issued in response to a DEALLOCATE command. The *ddname* has successfully been deallocated.

Action:

This message is informational only.

CAHC178E

DEALLOCATION failed for *ddname*

Reason:

This message is issued in response to a DEALLOCATE command that specified a DDNAME operand. The deallocation request for *ddname* failed. See the IKJ informational messages issued in the SYSLOG for details regarding the DYNALLOC request failure.

Action:

This message is informational only. A DISPLAY ALLOCATIONS command can be used to determine the DDNAMEs allocated in the CAHCHECK address space.

CAHC179E

DEALLOCATION failed

Reason:

This message is issued in response to a DEALLOCATE command which specified a DSNAME operand. The deallocation request for the requested data set name failed..

Action:

This message is informational only. A DISPLAY ALLOCATIONS command can be used to determine the data set names currently allocated by the CAHCHECK address space.

CAHC180I

DISPLAY ALLOC complete

Reason:

This message is issued in response to a DISPLAY ALLOCATIONS command and denotes that the command response is complete.

Action:

This message is informational only.

CAHC181E

DISPLAY ALLOC failed

Reason:

This message is issued in response to a DISPLAY ALLOCATIONS command and denotes that the command response is complete.

Action:

This message is informational only.

CAHC182I

No allocations to display

Reason:

This message is issued in response to a DISPLAY ALLOCATIONS command. There are currently no data sets allocated.

Action:

This message is informational only.

CAHC183I

DISPLAY ALLOC:

```
DD Name  Volume Data Set Name              Check Owner         Task
-------- ------ ---------------------------------------------- --------
 ddname  volser data-set-name                                 taskname
                                          check-owner
```

Reason:

This message is issued in response to a DISPLAY ALLOCATIONS command.

Action:

This message is informational only.

CAHC184I

CAHCHECK HELP:

Reason:

This message is issued in response to a HELP command.

Action:

This message is informational only.

CAHC197I

***jjjjjjjj* SHUTDOWN acknowleged**

Reason:

This message is issued in response to a SHUTDOWN command, or a z/OS STOP command, requesting the termination of the CAHCHECK address space.

Action:

The CAHCHECK address space will begin termination processing.

CAHC198I

***jjjjjjjj* termination in progress**

Reason:

The CA Health Checker system address space is beginning termination and clean up processing.

Action:

This message is informational only.

CAHC199I

***jjjjjjjj* termination complete**

Reason:

The CA Health Checker system address space has completed termination and clean up processing.

Action:

This message is informational only.

CAHC201I

CASHCMGR is active

Reason:

The CA Health Checker manager task is active in the CA product address space.

Action:

This is an informational message that is issued only in debug mode.

CAHC202I

z/OS Health Checker is active

Reason:

The CA Health Checker manager task has detected that the IBM Health Checker for z/OS address space has started.

Action:

This is an informational message that is issued only in debug mode.

CAHC203I

z/OS Health Checker is not active

Reason:

The CA Health Checker manager task has detected that the IBM Health Checker for z/OS address space has stopped.

Action:

This is an informational message that is issued only in debug mode.

CAHC204W

z/OS Health Checker state is unknown

Reason:

The CA Health Checker manager task is not able to determine the state of the IBM Health Checker for z/OS address space.

Action:

This is an informational message that is issued only in debug mode.

CAHC205I

HZSCHECK *check-name* RC: x'*rr*' RSN: x'*cc*'

Reason:

This message is a diagnostic message which is issued when DEBUGMSG=YES is active. The message displays the results of an HZSCHECK DELETE request.

Action:

This message provides information for CA Support to help diagnose the problem.

CAHC206I

Check *check-name* release failed RC: x'*rr*' RSN: x'*cc*'

Reason:

This message is a diagnostic message that is issued when DEBUGMSG=YES is active. The message displays the results of an IEAVRLS failure for a health check routine.

Action:

This message provides information for CA Support to help diagnose the problem.

CAHC220E

Allocation failed RC=*rr* RSN=x'*cc*' DSN=*data set name*

Reason:

This message is issued due to a failure to allocate a MSGDD or TASKLIB data set for a hosted health check in the CAHCHECK address space.

Action:

Examine the RC and RSN provided to determine why the data set cannot be allocated.

CAHC221E

Function code=x'*cccc*' unknown, owner=*check-name*

Reason:

An unrecognized function request code was received by the CAHCHECK address space. The request is ignored.

Action:

This message provides information for CA Support to help diagnose the problem.

CAHC222E

Allocation failed, no storage, owner=*check-name*

Reason:

This message is issued due to a failure to allocate a MSGDD or TASKLIB data set for a hosted health check in the CAHCHECK address space due to a virtual storage shortage condition.

Action:

This message provides information for CA Support to help diagnose the problem.

CAHC300I

CA Health Checker Infrastructure; Storage at *address* {obtained|reused}

Reason:

The CA Health Checker infrastructure has been initialized at the virtual storage address indicated in the message.

Action:

This message is informational only.

CAHC301E

CA Health Checker Infrastructure init failed; Return Code: *rr* Reason Code: *ssss*

Reason:

The CA Health Checker encountered a problem while attempting to initialize. CA product processing is not impacted; however, CA product health checks cannot be registered at this time.

Action:

This message provides information for CA Support to help diagnose problems.

CAHC302I

CA Health Checker *release* services are {available|refreshed}

Reason:

The CA Health Checker common service has been loaded, or refreshed, in dynamic LPA.

Action:

This message is informational only.

CAHC310E

***module* {LOAD|BLDL} failed; RC=x'*rr*' RSN=x'*cc*'**

Reason:

An attempt to load a CA Health Checker common service module failed.

Action:

Verify that the CA Health Checker common service has been properly installed and that the CA Health Checker modules are available in a z/OS LINKLIST library.

CAHC320E

CA Health Checker initialization failed; Return code *cc* Reason Code: *cccc*

Reason:

The CA Health Checker early IPL resource initialization routine encountered a failure while attempting to establish the CA Health Checker common service.

Action:

Verify that the CA Health Checker common service has been properly installed and that the CA Health Checker modules are available in a z/OS LINKLIST library.

CAHC321W

CAHCHECK not started; Incompatible release already active

Reason:

During initialization processing, the CA Health Checker common service detected that a previous release of CA Health Checker was already initialized and active in the z/OS image.

Action:

Activation of a new release of the CA Health Checker common service requires an IPL of the z/OS image.

CAHC372I

Taskname/tcb-addr started

Reason:

This message is issued to SYSLOG when a CAHCHECK task is created.

Action:

This message is informational only.

CAHC373I

Taskname/tcb-addr ended; CMP cccccccc

Reason:

This message is issued to SYSLOG when a CAHCHECK task ends.

Action:

This message is informational only.

CAHC380W

***jjjjjjj* Automatic restart threshold exceeded**

Reason:

The automated attempt to restart the CAHCHECK address space has exceeded the failure threshold of three times within 10 minutes. The CAHCHECK system address space is not restarted.

Action:

Review the SYSLOG and attempt to determine the reason the CAHCHECK address space is terminating. After correcting the problem, the CAHCHECK system address space may be restarted with the following operator START command:

```
S IEESYSAS,JOBNAME=CAHCHECK,PROG=CAHCHECK,SUB=MSTR,TIME=1440,REUSASID=YES
```

CAHC400E

Unable to load pause element services modules

Reason:

The CA Health Checker remote health check task encountered an error during initialization while attempting to load the z/OS pause element service routines.

Action:

The CA product remote health check cannot be registered. This error may be an indication of serious system problems outside the scope of the CA Health Checker infrastructure as the z/OS pause element routines are system services that are available in a z/OS system managed library.

CAHC401E

Product health check module *name* not found

Reason:

The CA Health Checker remote health check task encountered a failure attempting to load the indicated CA product health check load module.

Action:

The CA product remote health check cannot be registered. Either the CA product registered an incorrect load module name or the load module is not in a library available to the address space.

CAHC402E

Product health check module address not specified

Reason:

The CA product attempted to register a remote health check but failed to supply either a health check routine load module name or a health check routine entry point address.

Action:

The CA product remote health check cannot be registered. The CA product is required to supply a health check routine load module name or a health check routine entry point address at the time the health check is registered.

CAHC403E

Product health check message table *name* not found

Reason:

The CA Health Checker remote health check task encountered a failure attempting to load the indicated CA product health check message table module.

Action:

The CA product remote health check cannot be registered. Either the CA product registered an incorrect message table name or the message table load module is not in a library available to the address space.

CAHC404E

Failed to obtain pause element. IEAVAPE RC = *rr*

Reason:

The CA Health Checker remote health check task encountered a failure attempting to allocate a pause element using the z/OS IEAVAPE service.

Action:

The CA product remote health check cannot be registered. Consult the appropriate z/OS publication that documents the IEAVAPE to determine the meaning of the return code.

CAHC405E

HZSADDCK failed. RC = *rr* RSN= *ss*

Reason:

The CA Health Checker remote health check task encountered a failure attempting to register the remote health check with the z/OS Health Checker address space.

Action:

The CA product remote health check cannot be registered. To determine the meaning of the return code and reason code, see the *IBM Health Checker for z/OS User's Guide*.

CAHC406E

Pause failed. IEAVPSE RC = *rr*

Reason:

The CA Health Checker remote health check task encountered a failure attempting to use the z/OS pause element service, IEAVPSE.

Action:

The CA product remote health check task terminates. Consult the appropriate z/OS publication that documents the IEAVPSE to determine the meaning of the return code.

CAHC407E

HZSCHECK REQUEST=OPSTART failed. RC = *rr* RSN= *ss*

Reason:

The CA Health Checker remote health check task encountered a failure attempting to notify the z/OS Health Checker that a health check is executing.

Action:

The CA product remote health check task terminates. To determine the meaning of the return code and reason code, see the *IBM Health Checker for z/OS User's Guide*.

CAHC408E

Product initialization failed. RC = *rr* RSN= *ss*

Reason:

The CA Health Checker remote health check task detected a non-zero return code from the CA product health check routine during health check routine initialization.

Action:

The CA product remote health check task terminates. Contact CA Support.

CAHC409E

Product termination failed. RC = *rr* RSN= *ss*

Reason:

The CA Health Checker remote health check task detected a non-zero return code from the CA product health check routine during health check routine termination.

Action:

The CA product remote health check task terminates. Contact CA Support.

CAHC410E

Product check failed. RC = *rr* RSN= *ss*

Reason:

The CA Health Checker remote health check task detected a non-zero return code from the CA product health check routine during health check routine execution.

Action:

The CA product remote health check task terminates. Contact CA Support.

CAHC411E

Parameter error detected

Reason:

The CA Health Checker remote health check task detected errors while processing the health check parameters.

Action:

The CA product remote health check task terminates. Refer to the parse / scan syntax error messages that are issued for the specific cause of the parameter errors.

CAHC412E

HZSCHECK REQUEST=OPCOMPLETE failed. RC = *rr* RSN= *ss*

Reason:

The CA Health Checker remote health check task encountered a failure attempting to notify the z/OS Health Checker that a health check has completed execution.

Action:

The CA product remote health check task terminates. To determine the meaning of the return code and reason code, see the *IBM Health Checker for z/OS User's Guide*.

CAHC413I

Release code received: *code*

Reason:

The CA Health Checker remote health check task has been released by the z/OS Health Checker for the named *code*. The release codes are documented in the *IBM Health Checker for z/OS User's Guide.*

Action:

This is an informational message that is only issued in debug mode.

CAHC414E

Failure in (*check_owner,check_name*)

Reason:

An abend has been detected in a CA Health Check module.

check_owner

Specifies the CA product check owner name.

check_name

Specifies the specific check routine that failed.

Following messages describe the error in more detail.

Action:

This message is informational.

CAHC415E

CASHCTSK abended with *code*

Reason:

The CA Health Checker remote health check task has abended with the indicated abend code.

Action:

The CA Health Checker remote health check task will attempt to recover from the failure and retry if possible. This message is followed by CAHC420E, CAHC421E, and CAHC422E messages.

CAHC416E

User check routine abended with *code*

Reason:

The CA product health check routine has abended with the indicated abend code.

Action:

The CA Health Checker remote health check task will terminate. This message is followed by CAHC420E, CAHC421E, and CAHC422E messages.

CAHC417E

HZSFMSG REQUEST=CHECKMSG failed. RC = *rr* RSN= *ss*

Reason:

The CA Health Checker remote health check task encountered a failure attempting to issue a message to the z/OS Health Checker message buffer.

Action:

To determine the meaning of the return code and reason code, see the *IBM Health Checker for z/OS User's Guide*.

CAHC418E

HZSFMSG REQUEST=STOP failed. RC = *rr* RSN= *ss*

Reason:

The CA Health Checker remote health check task encountered a failure attempting to notify the z/OS Health Checker that a health check is stopping.

Action:

The CA product remote health check task terminates. To determine the meaning of the return code and reason code, see the *IBM Health Checker for z/OS User's Guide*.

CAHC419E

Unrecognized return code from check routine. RC = *rr* RSN= *ss*

Reason:

The CA Health Checker remote health check task encountered an unexpected return code and reason code upon return from the CA product health check.

Action:

The CA product remote health check task terminates. Contact CA Support.

CAHC420E

Check routine: *entry-point* Failure: *PSW-address* Reason: *abend-reason*

Reason:

This message is issued for ABEND conditions and displays the CA product health check entry point address, the PSW address at the time of the ABEND, and the ABEND reason code.

Action:

This message is informational. The CA Health Checker remote check task recovers and retries if possible.

CAHC421E

TSK: entry-point HCE: address HCK: address PQE: address

Reason:

This message is issued for ABEND conditions and displays the CA Health Checker task entry point, the HCEBLK address, the HCKBLK address, and the PQE address.

Action:

This message is informational.

CAHC422E

Rx - Ry rrrrrrrr rrrrrrrr rrrrrrrr rrrrrrrr

Reason:

This message is issued for ABEND condition and displays the 32-bit register contents at the time of the ABEND.

Action:

This message is informational.

CAHC423E

Check routine did not issue any messages

Reason:

The CA product health check routine executed and returned to the CA Health Checker remote health check task without issuing any messages for the IBM Health Checker for z/OS message buffer.

Action:

A health check routine must issue a message each time it is called to execute according to the protocol defined by the IBM Health Checker for z/OS. The health check is terminated.

CAHC424E

Addr CA Health Check Working Storage Contents

Reason:

An abend has occurred in a CA Health Check module. The CAHC infrastructure will dump the contents of the check routine's working storage. This is the dump header marking the beginning of the dump output. This message is followed by a series of CAHC425E messages.

Action:

This message is informational.

CAHC425E

aaaaaaaa xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx |ccccccccccccccc|

Reason:

An abend has occurred in a CA Health Check module. The CAHC infrastructure dumps the contents of the check routine's working storage using a series of these messages. The aaaaaaaa is the storage address. The four xxxxxxxx fields are 4-byte chunks of storage displayed in hexadecimal. The ccccccccccccccc is the same data but in character format with unprintable characters being translated to "." characters..

Action:

This message is informational.

CAHC426E

CSECT: module level date time

Reason:

A CA product health check routine abended.

Action:

This message is informational only.

CAHC430I

Check delete requested RC=04

Reason:

A CA product health check issued a DELETE function. The health check is ended, deleted, and is not called again.

Action:

This message is informational only.

CAHC431I

Check detected non-applicable environment RC=08

Reason:

A CA product health check routine determined that the execution environment is not applicable to the conditions for which the check is designed to examine.

Action:

This message is informational only.

CAHC432E

Check detected a parameter error RC=12

Reason:

A CA product health check routine encountered invalid parameters being passed by way of the IBM Health Checker for z/OS PARM keyword.

Action:

Correct the PARM specified parameters either by using a MODIFY HZSPROC,UPDATE,CHECK(check-owner,check-name),PARM='parameters' command or by using the CA SYSVIEW HCHECKER primary command to locate the health check and alter the parameters.

CAHC433E

Check encountered an internal error RC=rr RSN=cc

Reason:

A CA product health check routine detected an error condition and requests that the CA product health check be stopped. The return code and reason code are those values returned by the CA product health check.

Action:

Contact CA Support for the CA product owning the CA product health check, that is, the check-owner and check-name of the health check.

CAHC440E

HZSPREAD failed. RC=rr RSN=cc

Reason:

The CA Health Checker encountered an unexpected failure when using the IBM Health Checker for z/OS HZSPREAD service to read persistent health check data. The return code and reason code are those values returned by the z/OS HZSPREAD service.

Action:

For an explanation of the HZSPREAD return and reason codes, see the I*BM Health Checker for z/OS User's Guide.*

CAHC441E

HZSPWRIT failed. RC=rr RSN=cc

Reason:

The CA Health Checker encountered an unexpected failure when using the IBM Health Checker for z/OS HZSPWRIT service to write persistent health check data. The return code and reason code are those values returned by the z/OS HZSPWRIT service.

Action:

For an explanation of the HZSPWRIT return and reason codes, see the *IBM Health Checker for z/OS User's Guide*.

CAHC501I

Message Number: *nn* Return Code: X'*rr*' Reason Code :X'*ss*'

Reason:

The CA Health Checker message service routine has issued the indicated message number using the HZSFMSG. The return code, *rr*, and the reason code, *ss*, are returned to the caller. To determine the meaning of the return codes and reason codes from the HZSFMSG service, see the *IBM Health Checker for z/OS User's Guide*.

Action:

This is an informational message that is only issued in debug mode.

CAHC502E

Message Number: *nn* ABEND Code: X'*rr*' Reason Code :X'*ss*'

Reason:

The CA Health Checker message service routine has issued the indicated message number using the HZSFMSG. The HZSFMSG service has detected an error in the message table supplied by the CA product health check routine. The message number, *nn*, ABEND code, *rr*, and the ABEND reason code, *ss*, are returned to the caller. To determine the meaning of the return codes and reason codes from the HZSFMSG service, see the *IBM Health Checker for z/OS User's Guide*. The HZSFMSG service also writes a record to LOGREC which contains diagnostic information.

Action:

Correct the problem with the message table.

CAHC503I

Message Number: nn Return Code: x'rr' Reason Code: x'cc'

Reason:

This diagnostic message displays the result of the internal service call to issue a health check message.

Action:

This is an information message that is issued only in debug mode.

CAHC504E

Compile time error detected in message source

Reason:

The CA Health Checker dynamic message facility encountered a problem compiling internal message source lines.

Action:

This message provides information for CA Support to help diagnose the problem.

CAHC505I

Message source lines processed follow:

Reason:

The CA Health Checker dynamic message facility encountered a problem compiling internal message source lines.

Action:

This message provides information for CA Support to help diagnose the problem.

CAHC506I

End of source lines processed

Reason:

The CA Health Checker dynamic message facility encountered a problem compiling internal message source lines.

Action:

This message provides information for CA Support to help diagnose the problem.

CAHC507I

Compile Codes – R15=x'xx' R0=x'yy' R1=x'zz'

Reason:

The CA Health Checker dynamic message facility encountered a problem compiling internal message source lines.

Action:

This message provides information for CA Support to help diagnose the problem.

CAHC508I

IssueMsg Codes – R15=x'xx' R0=x'yy' R1=x'zz'

Reason:

The CA Health Checker dynamic message facility encountered a problem issuing a CA format message table.

Action:

This message provides information for CA Support to help diagnose the problem.

CAHC509E

@HC IBMHC Error – IBMRC=x'rr' IBMRSN=x'cc'

Reason:

The CA Health Checker dynamic message facility encountered an unexpected return code when invoking the IBM Health Checker for z/OS HZSFMSG service.

Action:

For an explanation of the HZSFMSG return codes and associated reason codes, see the *IBM Health Checker for z/OS User's Guide*.

CAHC510E

@HC IBMHC Abend – CODE=cccc RSN=x'rrrrrrrr'

Reason:

The CA Health Checker dynamic message facility encountered an unexpected abend condition when invoking the IBM Health Checker for z/OS HZSFMSG service.

Action:

For an explanation of the HZSFMSG ABEND codes and associated reason codes, see the *IBM Health Checker for z/OS User's Guide*.

CAHC550I

Message Number: nn Return Code: x'rr' Reason Code: x'cc'

Reason:

This diagnostic message displays the result of the internal service call to issue a health check message.

Action:

This is an information message that is issued only in debug mode.

CAHC601I

***task-name* (*tcb-address*) ended**

Reason:

The named task / TCB, monitored by the CA Health Checker resource manager, has ended.

Action:

This is an informational message that is only issued in debug mode.

CAHC902E

EXPECTED DELIMITER NOT RECEIVED

Reason:

The CA Health Checker address space has detected an error while parsing a health check parameter.

Action:

Correct the health check parameter.

CAHC903E

UNMATCHED OR UNEXPECTED APOSTROPHE

Reason:

The CA Health Checker address space has detected an error while parsing a health check parameter.

Action:

Correct the health check parameter.

CAHC904E

UNBALANCED PARENTHESIS

Reason:

The CA Health Checker address space has detected an error while parsing a health check parameter.

Action:

Correct the health check parameter.

CAHC905E

LEFT PARENTHESIS UNEXPECTED

Reason:

The CA Health Checker address space has detected an error while parsing a health check parameter.

Action:

Correct the health check parameter.

CAHC909E

PARSE LIST OVERFLOW

Reason:

The CA Health Checker address space has detected an internal error while parsing a health check parameter.

Action:

Collect relevant documentation and contact CA Support.

CAHC910E

UNEXPECTED POSITIONAL PARAMETER; OPERAND: *operand* KEYWORD: *keyword*

Reason:

The CA Health Checker address space has detected an error while parsing a health check parameter. The incorrect operand and keyword, if applicable, are conditionally shown in the message if this information can be determined.

Action:

Correct the health check parameter.

CAHC911E

KEYWORD *keyword* IS REQUIRED BUT WAS NOT SPECIFIED

Reason:

The CA Health Checker address space has detected an error while parsing a health check parameter.

Action:

Correct the health check parameter.

CAHC912E

SUBLIST NOTATION IN THIS INSTANCE IS UNEXPECTED; OPERAND: *operand* KEYWORD: *keyword*

Reason:

The CA Health Checker address space has detected an error while parsing a health check parameter. The incorrect operand and keyword, if applicable, are conditionally shown in the message if this information can be determined.

Action:

Correct the health check parameter.

CAHC913E

KEYWORD *keyword* IS UNRECOGNIZED

Reason:

The CA Health Checker address space has detected an error while parsing a health check parameter.

Action:

Correct the health check parameter.

CAHC914E

KEYWORD *keyword* HAS ALREADY BEEN SPECIFIED ONCE

Reason:

The CA Health Checker address space has detected an error while parsing a health check parameter.

Action:

Correct the health check parameter.

CAHC915E

KEYWORD *keyword* IS AMBIGUOUS; IT COULD BE AN ABBREVIATION FOR *keyword* OR *keyword*

Reason:

The CA Health Checker address space has detected an error while parsing a health check parameter.

Action:

Correct the health check parameter.

CAHC916E

KEYWORDS *keyword* AND *keyword* WERE BOTH SPECIFIED BUT THEY ARE MUTUALLY EXCLUSIVE

Reason:

The CA Health Checker address space has detected an error while parsing a health check parameter.

Action:

Correct the health check parameter.

CAHC917E

ONE AND ONLY ONE OF THESE IS REQUIRED: *parameter, parameter, … , parameter*

Reason:

The CA Health Checker address space has detected an error while parsing a health check parameter.

Action:

Correct the health check parameter.

CAHC918E

MORE PARAMETERS WERE SPECIFIED THAN THE *nn* THAT ARE ALLOWED; OPERAND: *operand* KEYWORD: *keyword*

Reason:

The CA Health Checker address space has detected an error while parsing a health check parameter. The incorrect operand and keyword, if applicable, are conditionally shown in the message if this information can be determined.

Action:

Correct the health check parameter.

CAHC919E

THE ALLOWABLE LIMIT OF *nn* CHARACTERS WAS EXCEEDED BY *nn* CHARACTERS; OPERAND: *operand* KEYWORD: *keyword*

Reason:

The CA Health Checker address space has detected an error while parsing a health check parameter. The incorrect operand and keyword, if applicable, are conditionally shown in the message if this information can be determined.

Action:

Correct the health check parameter.

CAHC920E

PARAMETER EXCEEDED MAXIMUM ALLOWABLE VALUE *nn*; OPERAND: *operand* KEYWORD: *keyword*

Reason:

The CA Health Checker address space has detected an error while parsing a health check parameter. The incorrect operand and keyword, if applicable, are conditionally shown in the message if this information can be determined.

Action:

Correct the health check parameter.

CAHC921E

THE CHARACTER *c* IS AN ILLEGAL CHARACTER; OPERAND: *operand* KEYWORD: *keyword*

Reason:

The CA Health Checker address space has detected an error while parsing a health check parameter. The incorrect operand and keyword, if applicable, are conditionally shown in the message if this information can be determined.

Action:

Correct the health check parameter.

CAHC922E

UNRECOGNIZED KEYCODE; AVAILABLE KEYCODES ARE: *keycode, keycode, … , keycode*; OPERAND: *operand* KEYWORD: *keyword*

Reason:

The CA Health Checker address space has detected an error while parsing a health check parameter. The incorrect operand and keyword, if applicable, are conditionally shown in the message if this information can be determined.

Action:

Correct the health check parameter.

CAHC923E

KEYCODE *keycode* IS AMBIGUOUS; IT COULD BE AN ABBREVIATION FOR *keycode* OR *keycode*

Reason:

The CA Health Checker address space has detected an error while parsing a health check parameter.

Action:

Correct the health check parameter.

CAHC929E

OPERAND IS REQUIRED BUT NOT SPECIFIED; OPERAND: *operand* KEYWORD: *keyword*

Reason:

The CA Health Checker address space has detected an error while parsing a health check parameter. The incorrect operand and keyword, if applicable, are conditionally shown in the message if this information can be determined.

Action:

Correct the health check parameter.

CAHC930E

INVALID RANGE SPECIFICATION; *nnn* IS GREATER THAN *nnn*; OPERAND: *operand* KEYWORD: *keyword*

Reason:

The CA Health Checker address space has detected an error while parsing a health check parameter.

Action:

Correct the health check parameter.

CAHC931E

BIT DISPLACEMENT *dd* EXCEEDS THE MAXIMUMALLOWED (*dd*) ; OPERAND: *operand* KEYWORD: *keyword*

Reason:

The CA Health Checker address space has detected an error while parsing a health check parameter. The incorrect operand and keyword, if applicable, are conditionally shown in the message if this information can be determined.

Action:

Correct the health check parameter.

CAHC932E

PARAMETER IS LOWER THAN MINIMUM ALLOWED - *nnn*; OPERAND: *operand* KEYWORD: *keyword*

Reason:

The CA Health Checker address space has detected an error while parsing a health check parameter. The incorrect operand and keyword, if applicable, are conditionally shown in the message if this information can be determined.

Action:

Correct the health check parameter.

CAHC933E

INVALID RANGE SPECIFICATION; *rrr* COLLATES HIGHER THAN *rrr*; OPERAND: *operand* KEYWORD: *keyword*

Reason:

The CA Health Checker address space has detected an error while parsing a health check parameter. The incorrect operand and keyword, if applicable, are conditionally shown in the message if this information can be determined.

Action:

Correct the health check parameter.

CAHC934E

BIT PATTERN TO BE SET VIA KEYCODE TABLE ENTRY IS AT LEAST PARTIALLY SET; OPERAND: *operand* KEYWORD: *keyword*

Reason:

The CA Health Checker address space has detected an error while parsing a health check parameter.

Action:

Correct the health check parameter.

CAHC935E

TOO MANY DIGITS TO RIGHT OF DECIMAL POINT; OPERAND: *operand* KEYWORD: *keyword*

Reason:

The CA Health Checker address space has detected an error while parsing a health check parameter. The incorrect operand and keyword, if applicable, are conditionally shown in the message if this information can be determined.

Action:

Correct the health check parameter.

CAHC940E

LOGIC ERROR; INSUFFICIENT NUMBER OF SUBLIST LEVELS DEFINED ON THE "PSF INIT" MACRO; OPERAND: *operand* KEYWORD: *keyword*

Reason:

The CA Health Checker address space has detected an internal error while parsing a health check parameter. The incorrect operand and keyword, if applicable, are conditionally shown in the message if this information can be determined.

Action:

Collect relevant documentation and contact CA Support.

CAHC941E

LOGIC ERROR; SPECIFICATION CONFLICTS; OPERAND: *operand* KEYWORD: *keyword*

Reason:

The CA Health Checker address space has detected an internal error while parsing a health check parameter. The incorrect operand and keyword, if applicable, are conditionally shown in the message if this information can be determined.

Action:

Collect relevant documentation and contact CA Support.

Chapter 5: CALC Messages

List of CALC Messages

The following messages are issued by the CA Earl component.

CALC001E

Incorrect use of ampersand

Reason:

An ampersand is only valid when it prefixes a field name in the postsort processing section.

Action:

Check the syntax of the current statement.

CALC002E

Expect ' here

Reason:

The compiler expected to encounter an apostrophe (') but did not. Literals must begin and end with an apostrophe, and any embedded apostrophes in the literal must be paired.

Action:

Check specification of apostrophes.

CALC003E

Invalid bitmask

Reason:

The specified bitmask is invalid.

Action:

Ensure that the bitmask is of the form M'*mmmmmmmm*' where acceptable mask values are 1, 0, or X.

CALC004E

Attempt to use reserved word or ampersand identifier as label

Reason:

An attempt has been made to use a CA Earl reserved word or an ampersand (&) identifier as a user-defined label. CA Earl labels must not be CA Earl reserved words and must start with a letter.

Action:

Change the label definition, and resubmit.

CALC005E

Must specify sysno for DOS tape

Reason:

The FILE statement does not specify a logical unit number (UNIT=) for a tape file.

Action:

Supply the required parameter on the FILE statement in the form UNIT=SYS*nnn*.

CALC006E

No digit after decimal point

Reason:

The initial value specified for a number has an invalid decimal place specification. For example, DEF NUMBER (3.3)=999. is invalid; if a decimal point is specified as part of the precision, at least one digit must follow the point.

Action:

Correct the decimal place specification to agree with the precision of the field.

CALC007E

Hex constant must contain even number of hex digits

Reason:

An invalid hexadecimal literal or constant has been specified. A hexadecimal literal specifies the contents of one or more bytes; two characters in the range 0 to 9 or A to F must be specified for the contents of each byte.

Action:

Ensure that an even number of characters is in the literal or constant.

CALC008E

Null string or no closing ' on character string

Reason:

There are no characters between apostrophes, or a character string is not terminated by a final apostrophe ('). Literals must begin and end with an apostrophe. Any embedded apostrophes must be doubled. For example, to produce a literal containing COMPANY'S, then 'COMPANY''S' must be coded.

Action:

Check for an uneven total number of apostrophes; literals must have an even number of apostrophes.

CALC009E

Character not in EARL character set

Reason:

An invalid character was encountered in the CA Earl source program. The invalid character is not a digit, CA Earl special character, arithmetic operator, or relational operator.

Action:

Correct the source program if in error. Respecify the literal as a hexadecimal literal if the character is embedded in a literal.

CALC010E

Unrecognizable statement keyword

Reason:

The CA Earl compiler expects a keyword at this point in the program. This is probably the result of a previous error; after the compilation of the previous statement, the compiler expects to find a valid CA Earl keyword at the start of the next statement.

Action:

Check the syntax of the current and previous statements.

CALC011E

Picture specification must be a literal

Reason:

An invalid PICTURE clause has been specified for a field. A PICTURE clause must specify an alphanumeric literal, enclosed in apostrophes.

Action:

Ensure that the PICTURE clause specifies a valid literal, enclosed in apostrophes.

CALC013E

Invalid numeric precision

Reason:

The numeric precision clause is invalid, for example, (0,) or (15.10). Valid numeric precision clauses have the form (i.d) where i+d <= 15.

Action:

Correct the precision clause.

CALC014E

Invalid precision

Reason:

The precision clause specifies a data type other than N, P, B, U, X, or Q.

Action:

Correct the precision clause.

CALC015E

Expect) here

Reason:

The syntax of the statement requires a right parenthesis.

Action:

Correct the statement to ensure that all specified right and left parentheses are matched.

CALC016E

Arithmetic factor cannot begin with this symbol

Reason:

An arithmetic factor starts with a symbol that is not a numeric variable or signed constant.

Action:

Check for invalid syntax or misplaced parentheses.

CALC017E

Can only use ampersand identifiers in report SECN

Reason:

A field name can only be prefixed with an ampersand in the Report section of a CA Earl program.

Action:

Remove the ampersand or position the statement after the REPORT statement.

CALC018E

Arithmetic factor cannot end with this symbol

Reason:

A nonnumeric symbol was encountered while processing an arithmetic factor.

Action:

Check for invalid syntax or misplaced parentheses.

CALC019E

Expect /) here

Reason:

The specification of an array index is invalid. Valid array index specification is of the form (/index value/). There must be no spaces between the characters (/ at the start of the array index value, or between the characters /) at the end.

Action:

Correct the index specification.

CALC020E

Variable cannot be followed by this symbol

Reason:

The syntax of the current statement does not allow this symbol to follow a variable.

Action:

Check the syntax of the current statement.

CALC021E

Expect . here

Reason:

The font name on the indicated statement is not preceded by a period (.).

Action:

Correct that statement so that a period appears before the font name.

CALC022E

Expect identifier here

Reason:

The specified symbol is not a valid CA Earl identifier.

Action:

Ensure that the identifier is valid. Otherwise, ensure that the indicated symbol is valid at this point in the current statement.

CALC024E

Expect = here

Reason:

The CA Earl compiler expected to find an equal sign (=) but did not.

Action:

Check the syntax of the current statement.

CALC025E

Logical factor cannot start with this symbol

Reason:

An invalid symbol was encountered where a logical factor (a variable name or left parenthesis) was expected.

Action:

Check the syntax of the current statement.

CALC026E

Comparison value cannot start with this symbol

Reason:

The symbol encountered is not an identifier name, literal, number, plus sign, minus sign, left parenthesis, equal sign, bitmask, or relational symbol.

Action:

Check the syntax of the current statement.

CALC027E

Logical factor cannot be followed by this symbol

Reason:

An invalid symbol follows a logical factor. Valid symbols are AND or a new statement.

Action:

Check the syntax of the current statement.

CALC028E

Expect - or to here

Reason:

The CA Earl compiler expected to find a minus sign (-) or TO as the delimiter of the elements of an array.

Action:

Check the syntax of the ARRAY definitions.

CALC029E

End statement must conclude EARL program

Reason:

The END statement was not encountered before the physical end of the source program. The last statement of an CA Earl program must be an END statement.

Action:

Add an END statement.

CALC030E

Expect simple value here

Reason:

The CA Earl compiler expects a simple value (that is, a number, literal, or field name) at this point in the program.

Action:

Check the syntax of the current statement.

CALC031E

Comparison value cannot be followed by this symbol

Reason:

The symbol encountered is not an identifier name, literal, number, plus sign, minus sign, left parenthesis, equal sign, bitmask, relational symbol, or new statement keyword.

Action:

Check the syntax of the current statement.

CALC032E

Expect unsigned numeric constant here

Reason:

The indicated item should be an unsigned number.

Action:

Check the syntax of the current statement.

CALC033E

Simple value cannot be followed by this symbol

Reason:

The indicated item is not a statement keyword, heading, or picture.

Action:

Check the syntax of the current statement.

CALC034E

Cannot label this statement, label ignored

Reason:

A label has been assigned incorrectly to a statement where use of a label is not permitted.

Action:

Remove the label, or move it to a statement that permits labels.

CALC035E

Invalid disk drive type

Reason:

The OPTION DISK= statement specifies an invalid disk device type. Only values of 2311, 2314, 3330, 3311, 3340, 3350, 3310, 3370, 3375, 3380, 3390, 9332, and 9335 are valid, in the format DISK=*nnnn*.

Action:

Correct the OPTION statement.

CALC036E

Expect list on or list off

Reason:

The OPTION statement specifies an invalid parameter for the LIST clause. The possible values are LIST ON or LIST OFF.

Action:

Use only ON or OFF.

CALC037E

Expect blank or zero here

Reason:

The OPTION statement specifies an invalid parameter for the OMIT clause.

Action:

Correct the syntax of OPTION OMIT.

CALC038E

Expect integer here

Reason:

The specified value is not an integer but it should be.

Action:

Ensure that the symbol is a valid integer; it must not contain a decimal point.

CALC039E

Expect lines here

Reason:

The OPTION statement specifies invalid parameters for the OMIT clause.

Action:

Correct the syntax of OPTION OMIT.

CALC040E

Keylength must not exceed record length

Reason:

There was an error in the FILE statement—the key length exceeds the stated record length. The key length, either as directly given in the FILE key length specification or as calculated from the total length of the named key fields in the KEY= clause, exceeds the record length as given in the RECORD= parameter.

Action:

Correct the key length or the record length.

CALC041E

Expect integer in range 1 to 9 or none here

Reason:

The OPTION SORT= statement specifies an invalid integer value. Acceptable values are 1 to 9, or NONE to bypass the sort.

Action:

Correct the OPTION SORT= syntax.

CALC042E

Expect only here

Reason:

The WRITE clause of the OPTION statement or the TOTALS clause of the PRINT statement specifies an invalid parameter.

Action:

Specify WRITE ONLY or TOTALS ONLY.

CALC043E

Unrecognized option

Reason:

The compiler has encountered an unrecognizable parameter on the OPTION statement.

Action:

Check the syntax of the OPTION statement and ensure the correct spelling of specified parameters.

CALC044E

Attempt to use reserved word as a filename

Reason:

The name used is an CA Earl reserved word.

Action:

Remove the reserved word from the DEFINE statement.

CALC045E

Invalid result field or missing =

Reason:

The precision clause of the SET statements is invalid or an equal sign (=) has been omitted.

Action:

Correct the syntax of SET.

CALC046E

Variable length indexed files only supported under OS

Reason:

Variable length indexed sequential files are not supported under VSE or VM.

Action:

Check the attributes of the file being accessed; it cannot be both indexed sequential (organization INDEXED) and variable length (format VARIABLE).

CALC047E

Expect literal constant here

Reason:

The statement must specify a valid alphanumeric literal.

Action:

Check the literal to ensure that it is enclosed in apostrophes and that any embedded apostrophes are doubled.

CALC048E

Program has no declaration, processing or report section

Reason:

The END statement has been read prematurely. CA Earl source program is incomplete. The program must either include procedural statements or specify one or more reports.

Action:

Check for missing statements.

CALC049E

Statement invalid at this point in program

Reason:

The indicated statement is not valid at this point in the CA Earl source program. The problem could be caused by a violation of one of the following rules:

- All DEFINE statements must be specified before the first processing statement (SET, DECODE, GET, PUT, and so forth).
- The USER statement must be specified before the first FILE or DEFINE statement.
- The report group statements (REPORT, SELECT, CONTROL, SET(D), SET(T), PRINT) must be specified after all the processing statements and may only be followed by an END statement.

Action:

Correct the order of statements in your source program.

CALC050E

Program has no processing or report sections

Reason:

The END statement has been read, and the CA Earl source program contains no processing or report generation statements. Every CA Earl source program must contain either one or more processing statements (for example, SET, DECODE, PUT), or must specify one or more reports to be produced.

Action:

Check for a misplaced END statement or a missing source file.

CALC051E

Filename must precede file statement

Reason:

The FILE keyword does not have a preceding file name. Each CA Earl FILE statement must have a file name.

Action:

Add a file name to the FILE statement.

CALC052E

Expect record here

Reason:

A FILE statement was encountered with no file parameters.

Action:

Correct the FILE statement.

CALC053E

User module communication area must be >= 4 bytes long

Reason:

A FILE statement for a user module specifies an invalid communication area length. The communications area is used for two-way communication between CA Earl and the user module. The first four bytes have special meaning within CA Earl's input and output routines, and it is necessary to specify a length of at least four bytes for this area.

Action:

Correct the FILE statement.

CALC054E

Invalid file characteristic

Reason:

An invalid or unrecognizable parameter was encountered on a FILE statement. Certain parameters are only valid for certain file types.

Action:

Check the syntax of the FILE statement, and ensure the correct spelling of the parameters.

CALC055E

Expect standard or none here

Reason:

An invalid LABEL= parameter was encountered on the FILE statement. The only acceptable values are STANDARD or NONE for this parameter.

Action:

Correct the FILE statement.

CALC056E

Invalid data type for keyfield

Reason:

The data type of the key field is invalid. Only types N, P, U or B (numeric), or type X or Q (alphanumeric) may be specified as key fields for a file.

Action:

Correct the DEFINE statement.

CALC057E

Logical unit number must be of form SYS*xxx*

Reason:

The FILE statement specifies an invalid logical unit number for a tape file. The UNIT= parameter must be in the form UNIT=SYS*xxx* where *xxx* is in the range 001 to 240.

Action:

Correct the FILE statement.

CALC058E

Cannot have array as keyfield

Reason:

An array has been specified as a key field. Only individual fields of types N, P, U, or B (numeric), or type X or Q (alphanumeric) are allowed as file key fields.

Action:

Specify a non-indexed field as the key.

CALC059E

No key fields declared for this file

Reason:

The statement specifies a keyed GET to the named file, but no key fields were specified on the FILE statement. Only values of fields specified in the KEY= clause on the FILE statement may be used in the keyed form of the GET.

Action:

Correct the FILE statement or the GET statement.

CALC060E

Number of key values exceeds number of key fields

Reason:

The indicated GET statement specified more key values than there are key fields specified in the FILE statement for the file.

Action:

Ensure compatibility between the FILE statement KEY= clause and the form of GET statement used.

CALC061E

Identifier must follow define

Reason:

The symbol following the keyword DEFINE is not a valid CA Earl identifier.

Action:

Check the syntax of the DEFINE statement to ensure that the identifier conforms to the CA Earl rules.

CALC062E

Symbol invalid at this point in statement

Reason:

The current statement is not complete, or an incorrect keyword has been found.

Action:

Correct the statement's syntax.

CALC063E

Invalid alphanumeric precision

Reason:

Invalid precision is specified for an alphanumeric field.

Action:

Valid precision for an alphanumeric field is 1 to 32768 bytes. Correct the precision specification.

CALC064E

Expect AND here

Reason:

The syntax of the GET statement requires AND here. A GET statement requires that the key argument and any other subsidiary logical expression argument be connected by an AND.

Action:

Correct the GET statement.

CALC065E

OPTION SAVE=NAME specified twice

Reason:

A second OPTION statement with a SAVE=*name* parameter has been encountered.

Action:

Remove the unwanted statement.

CALC066E

Field has an invalid initial value

Reason:

The initial value given in a DEFINE statement is not the correct data type.

Action:

Ensure that the initial values match the field's data type. Use numeric for types N, P, U, or B. Use alphanumeric or hexadecimal literals for type X or Q.

CALC067E

Too many characters specified in OPTION SAVE NAME

Reason:

The module name for the linkage editor is more than five characters long.

Action:

Reduce the module name to five characters.

CALC068E

Expecting name here on OPTION SAVE=

Reason:

The symbol following OPTION SAVE= is not a valid name.

Action:

Specify a module name of not more than five characters.

CALC070E

Array specification cannot be followed by this symbol

Reason:

The symbol is not valid in the syntax of the ARRAY specification.

Action:

Check the syntax of the ARRAY specification.

CALC071E

Bit string must be in file record area

Reason:

The bit string field is defined in the General Storage Area (GSA), not in the record area associated with a file. A bit string field may only be specified in a record area associated with a file. If it is necessary to store a bit string field in working storage, it must be defined or predefined as an alphanumeric field (type X), and moved using this definition.

Action:

Correct and resubmit.

CALC072E

Unrecognizable data type

Reason:

The data type is not N, P, U, B, X, Q, or S.

Action:

Specify the correct data type.

CALC073E

Field specification cannot be followed by this symbol

Reason:

The symbol following the data type on a DEFINE statement is not a 'Heading', literal, PICTURE or another statement command word.

Action:

Correct the syntax of the DEFINE statement.

CALC074E

Expect TO here

Reason:

If the GOTO keyword is specified in the form GOTO, the TO must always be specified.

Action:

Specify TO if the GOTO keyword is specified in the form GOTO.

CALC076E

Expect INTO here

Reason:

Incorrect syntax for the DECODE statement was encountered. CA Earl syntax requires that the name of the primary argument field (the field being DECODEd) is followed by the word INTO.

Action:

Correct the syntax of the DECODE statement.

CALC077E

Expect comparison value here

Reason:

The value for comparison is not an integer, identifier, alphanumeric literal, or bitmask.

Action:

Ensure that only values of the same type are used.

CALC078E

Expect bitmask here

Reason:

The bitmask field was invalidly used. The bitmask field (type S) may only be tested against a bitmask argument. Any other comparison (for example, against numeric or alphanumeric fields) is invalid.

Action:

Correct and resubmit.

CALC079E

Invalid relational operator for range comparison

Reason:

There was an invalid range test in a logical expression. The two fields or values specified in a range test must be in an equal (=), or not equal (NOT =) relationship with each other. The relational operators (>), (<), (>=), or (<=) are not allowed in a range test. Valid range tests are as follows, where (=) is implicit and not required:

```
SELECT FLDA (A-B)
 GOTO LBLA FLDB (99-106)
 GOTO LBLB FLDC NOT (B-C)
 SELECT FLDD NOT (400-500)
```

Action:

Use only = or NOT =.

CALC080E

Invalid relational operator for bitmask comparison

Reason:

A bit string field was specified with an invalid relational operator. Bit string fields may only be compared in an equal (=) relationship with an argument. The operators (>), (<), (>=), and (<=) are invalid.

Action:

Correct and resubmit.

CALC081E

Expect destination value here

Reason:

The secondary function specified in a DECODE statement is not an integer, identifier, literal, or arithmetic expression.

Action:

Correct the syntax of the DECODE statement.

CALC082E

Expect at least 1 source/destination value pair

Reason:

A DECODE statement specifies no translation to be performed.

Action:

Correct the syntax of the DECODE statement.

CALC084E

Logical expression too long

Reason:

The logical expression specified in the current statement (for example, DECODE, GOTO, GET, SELECT) is too complex. The current maximum number of terms is 30.

Action:

Reduce the number of terms in the logical expression.

CALC085E

Cannot test bitstring against a range of values

Reason:

A bit string field was specified in a range test and may only be tested against a single bit string argument. A reference to a range of values is not allowed.

Action:

Correct and resubmit.

CALC087E

Expect at least 1 print statement per report

Reason:

No PRINT statements were specified for this report. Each report must specify one or more PRINT statements. Runs not requiring printed output should not specify a REPORT statement.

Action:

Omit the Report Section if no report is required.

CALC088E

Expect (here

Reason:

Syntax of expression requires a left parenthesis.

Action:

Check syntax of the current statement.

CALC089E

Expect D or T here

Reason:

This statement requires a (D) or (T) specification when coded as part of postsort processing.

Action:

Correct and resubmit.

CALC092E

Expect an identifier or an alphanumeric constant here

Reason:

A taglist on a PRINT statement is not followed by a valid printable item.

Action:

Ensure that only identifiers and alphanumeric literals are tagged.

CALC094E

Options must be given on 1st print statement

Reason:

TOTALS ONLY, DOUBLE SPACING, or TREBLE/TRIPLE SPACING specifications apply to the whole report, so they may only appear on the first PRINT statement.

Action:

Specify the print options on the first PRINT statement.

CALC095E

Expect tag value here

Reason:

The syntax of a PRINT statement expects a valid tag value at this point. A valid tag value consists of one or more tag characters followed by a semicolon (;) with no spaces between the characters.

Action:

Correct and resubmit.

CALC096E

Expect spacing here

Reason:

The syntax requires the word SPACING following DOUBLE or TREBLE/TRIPLE on the PRINT statement.

Action:

Specify SPACING on the PRINT statement.

CALC097E

Expect an output item here

Reason:

The syntax of the PRINT statement requires an output item (that is, a field name or literal) to be specified at this point.

Action:

Check the PRINT statement to ensure that:

1. Tag character(s) with a semicolon (;) are followed immediately by a field name or literal.
2. An ampersand (&) is immediately followed by a field name.

CALC099E

Expect integer or identifier here

Reason:

The PRINT statement at sign (@) spacing specification is in error. Valid specifications of @ spacing are:

```
@ absolute location
@ identifier + or - adjustment
```

Action:

Check the syntax of the PRINT statement.

CALC100E

Output item cannot start with this symbol

Reason:

The first symbol of an item on a REPORT or PRINT statement is not an identifier, integer, alphanumeric literal, hash sign, ampersand, or left parenthesis.

Action:

Correct the syntax of the REPORT or PRINT statement.

CALC101E

Cannot have (here

Reason:

More than one left parenthesis was found within an output item on a PRINT statement.

Action:

Remove extra parentheses.

CALC103E

Expect format statement here

Reason:

When OPTION WRITE ONLY is specified, the CA Earl program can only write data to an output file and cannot produce a report. The FORMAT statement must be specified to write the data.

Action:

Remove the REPORT statement, or add a FORMAT statement before the END statement.

CALC105E

Expect relationship here

Reason:

No RELATIONSHIP clause has been specified on a DB statement.

Action:

Specify the hierarchy of the segments of the database.

CALC106E

Expect all or logical expression here

Reason:

A SELECT statement does not contain ALL or a logical expression as the selection criteria.

Action:

Correct the syntax of the SELECT statement.

CALC107E

Expect precision specification here

Reason:

A precision clause is required for this statement but has not been supplied.

Action:

Specify the precision of the field in the form (n) for an alphanumeric data item, or (i.d) for a numeric data item.

CALC108E

Invalid tag specification

Reason:

The tag character on a SELECT statement is not in the range A to Z, or is not enclosed within apostrophes.

Action:

Correct the syntax of the SELECT statement.

CALC109E

Control fields over 256 bytes

Reason:

The total length of the sort control fields exceeds the limit of 256 bytes.

Action:

Simplify the CONTROL statement by reducing the number of fields to be sorted. If this is not possible, check the length definition of any alphanumeric fields on the CONTROL statement, and reduce the lengths where possible.

CALC110E

Printing field over *nnnn* bytes

Reason:

The length of the specified data item is greater than the logical print line length.

Action:

Check the length of the data item and also the current printer width (that is, the default printer width or OPTION PRINTER= value, if specified).

CALC111E

Expect ALL, DETAIL or TOTAL here

Reason:

The OPTION statement specifies an invalid parameter for the OPTION OMIT feature.

Action:

Correct the OPTION OMIT statement.

CALC112E

DBDNAME must precede DB statement

Reason:

The DB statement has no label.

Action:

Check the syntax of the DB statement.

CALC113E

Invalid or no database type specified

Reason:

The database type is not DL/I, IMS, SQLDS, DB2, or CA Datacom.

Action:

Correct the DB statement.

CALC114E

Invalid INVALID PCB/DBDNAME specification

Reason:

The PCB number or the DBD name is specified incorrectly.

Action:

Specify PCB=*number* or DBDname.

CALC115E

DB = *dbname* filename reference is not a valid segment

Reason:

The specified DB statement in the RELATIONSHIP clause refers to a file name that is not a valid segment file definition. This message appears after the last set of definitions for this DB.

Action:

Use the file names from the segment file statements.

CALC116E

Expect filename of database file here

Reason:

A GET statement for a database refers to a file that is not a database file.

Action:

Specify the name of a database file.

CALC117E

Expect filename or search argument here

Reason:

A file name must be followed by either another file name or a search argument.

Action:

Check the syntax of the GET statement for a database.

CALC118E

Expect segment name here

Reason:

No segment name has been specified on a database FILE statement.

Action:

Specify the DL/I or IMS segment name.

CALC119E

Segment not defined in this database

Reason:

The specified segment file name is not defined in the RELATIONSHIP clause for the current DB.

Action:

Specify the correct name entered on the DB statement or FILE DL/I or IMS statement.

CALC120E

Reset invalid for database

Reason:

A RESET statement cannot be issued for a database segment file.

Action:

Remove the RESET statement or correct the file name.

CALC121E

Invalid mixing of detail and total time commands

Reason:

A mixture of (D) and (T) statements has been found within the scope of an IF statement.

Action:

Correct the statements.

CALC122E

Segment was previously defined

Reason:

The segment was defined in a previous relationship definition.

Action:

Specify segments in a true hierarchical relationship.

CALC123E

Segment is defined at wrong level

Reason:

The segment relationship must be defined in the correct hierarchical sequence.

Action:

Define the segment relationship in the correct hierarchical sequence.

CALC124E

Segment was not previously defined

Reason:

The specified segment was not a child of the parent in the previous relationship definition.

Action:

Specify the correct hierarchical relationship of segments in the database.

CALC125E

Expect segment fieldname here

Reason:

The specified field is not within a segment file.

Action:

Specify a segment field name.

CALC126E

Expect relational operator here

Reason:

The RELATIONSHIP clause of a DB statement for a DL/1 or IMS database is missing the relational operator '->'.

Action:

Add the relational operator.

CALC127E

Expect comparative fieldname here

Reason:

No comparative field has been specified in a logical expression.

Action:

Specify the name of a field containing the comparative value.

CALC128E

Cannot round data type

Reason:

A round has been specified on a SET statement for a nonnumeric item.

Action:

Check the item's name and definition.

CALC130E

Invalid key specified for RRDS files

Reason:

The key field is not a four-byte binary field.

Action:

Specify the correct precision on the key field.

CALC131E

Invalid type of processing specified for ESDS file

Reason:

The syntax does not allow the specification of both SKP and ADR on a GET statement.

Action:

Check the syntax of the GET statement for VSAM.

CALC132E

Invalid type of processing specified for RRDS file

Reason:

ADR is not valid on a GET statement for an RRDS file.

Action:

Use the relative record number to retrieve the record.

CALC133E

Invalid or missing parameters following DIR or SKP

Reason:

The syntax expects ADR or KEY following DIR or SKP on a VSAM GET statement.

Action:

Correct the syntax of the GET statement for VSAM.

CALC134E

Invalid parameter specified for VSAM output/update

Reason:

A parameter is coded on a VSAM PUT statement that is not applicable to VSAM.

Action:

Check the syntax of the PUT statement for VSAM.

CALC150E

Too many library substitution arguments

Reason:

A COPY statement has more than 30 USING arguments.

Action:

Limit the COPY member to 30 substitutions.

CALC151E

Library member not found

Reason:

A COPY statement refers to a member that is not in the library identified by the EARLLIB DD, DLBL, or FILEDEF statement.

Action:

Check the spelling of the member name and ensure that the EARLLIB JCL or EXEC statement refers to the correct library. For VSE systems, make sure that the source member is cataloged with sublibrary prefix of 0.

CALC152E

Invalid library member name

Reason:

The member name is a CA Earl keyword or is not one to eight alphanumeric characters starting with an alphabetic character.

Action:

Check for the missing member name and ensure that the name conforms to the CA Earl rules.

CALC153E

Invalid substitution code

Reason:

A copied statement contains a substitution code that is not numeric or in the range '1' to 'number of USING arguments'.

Action:

Ensure that the substitution code is in the format :*nn*, where *nn* is the position of the substitution argument, and that the COPY statement specified all of the required arguments.

CALC154E

Too many nested copy statements

Reason:

More than eight nestings of COPY statements were encountered.

Action:

Check for a loop of COPY statements.

CALC155E

Library function not installed

Reason:

The library support was excluded from the CA Earl options program.

Action:

Assemble the EARLGEN macro with the parameter LIBRARY=YES specified. Refer to the *CA Earl Systems Programmer Guide OS/390* for instructions.

CALC156E

Arrays are not allowed for SQL

Reason:

An array may not be specified for an SQL column definition.

Action:

Correct the definition.

CALC201E

Identifier declared twice

Reason:

An identifier may only be defined once within a program. Once a field has been defined, its size, field type, headings, picture clause, and so forth, may not be altered.

Action:

If trying to define a unique field, alter the name on the second DEFINE statement so that the names are unique within the first 18 characters.

CALC202E

Undeclared identifier

Reason:

The statement specifies an undeclared identifier. The indicated identifier should have been defined in a previous statement.

Action:

Ensure correct spelling of the identifier, or define it on a previous DEFINE statement.

CALC203E

FILE=*filename* Undeclared key field

Reason:

The previous FILE statement specified a key field that has not been defined. All fields specified in the KEY= clause must be defined within the record for that file.

Action:

Check the spelling of the field name.

CALC204E

FILE=*filename* Noncontiguous key fields

Reason:

The specified key fields have not been defined as being in contiguous byte locations within the input record. The IBM organization for ISAM files only allows a single physical record key. CA Earl syntax allows you to specify this single key as several logical fields, but they must be contiguous.

Action:

Specify key fields that are contiguous.

CALC206E

Filename is too long

Reason:

The indicated file name exceeds the permissible length. The maximum length of the file name, excluding the colon, is seven bytes for VSE or eight bytes for z/OS or VM.

Action:

Shorten the file name.

CALC207E

File characteristic previously specified

Reason:

The FILE statement contains duplicate parameters.

Action:

Check the syntax of the FILE statement for duplication of one or more parameters.

CALC208E

Specified size too big

Reason:

This message is issued for any of the following reasons:

1. An invalid precision was specified for an alphanumeric field.
2. The length of the user module communication area is specified as more than 32767 bytes.
3. The FILE statement specifies a record size that exceeds 32 KB or the maximum block size for the disk device type.
4. The FILE statement specifies a block size that exceeds 32 KB.

Action:

Ensure that each value is within acceptable limits.

CALC209E

New field will not fit in previously defined storage

Reason:

A redefined field is incorrectly specified to end outside the field that it is redefining.

Action:

Ensure the correct definition of the redefined field.

CALC210E

Keyfields too long

Reason:

The indexed sequential key field length exceeds 255 bytes. IBM logic imposes a limit of 255 bytes on the physical key of an ISAM file; longer keys cannot be written.

Action:

Check the specification of the key field length parameter and the total length of the fields in the KEY= clause.

CALC211E

FILE=*filename* Specified and actual key lengths do not agree

Reason:

The FILE statement for ISAM file *filename* contains conflicting information; the specified key length parameter and the calculated total length of the fields in the KEY= clause differ.

Action:

Correct either the key length parameter or the KEY= clause.

CALC212E

Cannot give logical unit number to a disk file

Reason:

The FILE statement specifies a logical unit number (UNIT=) for a disk file.

Action:

Remove the UNIT= parameter. The logical unit information for a disk file is supplied through the JCL.

CALC213E

Invalid logical unit number

Reason:

The FILE statement specifies an invalid logical unit number for a tape file. Syntax is: *UNIT=SYSnnn*, where *nnn* is in the range 001 to 240.

Action:

Specify a valid logical unit number.

CALC214E

Undeclared record length

Reason:

The FILE statement does not specify a record length with a RECORD= parameter. A record length is required for all file types except CARD files.

Action:

Specify a RECORD= value.

CALC215E

Invalid block length

Reason:

The FILE statement specifies an invalid block length on the BLOCK= parameter.

Action:

Specify one of the following:

- For fixed-length files, an exact multiple of the record length.
- For variable-length files, the maximum block size, which must be at least four bytes longer than the specified record size.

CALC218E

Module name is too long

Reason:

Maximum length for a user module name is eight bytes; this name is the name of the user module phase on the core image library or load library, and IBM logic imposes an eight-byte length limit.

Action:

Shorten the module name to eight characters.

CALC219E

Numeric overflow – too many decimals

Reason:

Number contains more decimal digits than is allowed by its precision.

Action:

Ensure that the number of decimal digits agrees with the precision specification of the field.

CALC220E

Numeric overflow – number too large

Reason:

This message may be issued because:

- The number specifies more than 15 digits. For example, (number of integers) + (number of decimals) is greater than 15.
- The specified numeric value exceeds the given precision.

Action:

Reduce the number of digits or alter the numeric value to agree with the given precision.

CALC221E

Record field ends before it starts

Reason:

The DEFINE statement specifies an invalid start or finish location for a file field.

Action:

Correct the field's start position, end position, or both in the DEFINE statement.

CALC222E

Cannot have zero here

Reason:

The RECORD= parameter on the FILE statement specifies a record length of zero bytes.

Action:

Specify the record length with a valid, nonzero integer value.

CALC223E

Must specify key length or key fields for indexed file *filename*

Reason:

There is an invalid FILE statement for an indexed sequential file. A FILE statement must supply information relating to the key of the records.

Action:

Specify the length of the key in the key length parameter or supply a KEY= clause to name the key fields.

CALC224E

Cannot define field in nonexistent file

Reason:

The DEFINE statement is invalid at this point. The definition of a field in a record must follow a FILE statement.

Action:

Check the sequence of the source deck, and ensure that this DEFINE follows a valid FILE statement.

CALC225E

Cannot define arrays within arrays

Reason:

Only one level of array is supported. The indicated definitions attempted to specify two or more levels of arrays.

Action:

Ensure that only a single level of array is specified.

CALC226E

Data too big for field

Reason:

The specified data value is too large to fit within the defined precision of the receiving field.

Action:

Check the length of the data value against the implicit or explicit precision of the receiving field.

CALC227E

Key field must be defined as record field

Reason:

A field specified on the KEY= parameter of a FILE statement is not contained within the record area for that file. Key fields must be defined within the record area for the specified file. They may not be defined in the working-storage area.

Action:

Specify the field within the record that contains the key.

CALC228E

Precision specified twice

Reason:

A precision clause has been specified for a field that has already been defined or predefined in CA Earl. A precision clause may only be specified on the statement containing the first reference to a field (either on a DEFINE statement, or implicitly as the result of a procedural statement).

Action:

Remove the precision clause from this statement.

CALC229E

Conflict of data types

Reason:

The assignment specified fields are of conflicting data types. Valid assignments are numeric (type N, P, U, or B) to numeric, or alphanumeric (type X or Q) to alphanumeric.

Action:

Specify only fields that are all numeric or all alphanumeric.

CALC230E

Cannot decide type of field

Reason:

The statement uses a field whose data type has not yet been specified. You are probably using a result field before specifying its precision and data type.

Action:

Specify the precision for the result field on the SET statement, or predefine the field using the DEFINE statement.

CALC231E

Headings and picture can only be specified when field first defined

Reason:

Field headings and PICTUREs have been specified for a field that has already been defined. Field headings and PICTUREs may only be specified the first time a field is referenced (either explicitly through DEFINE or implicitly as the result field in a procedural statement).

Action:

Specify the headings or PICTURE on the first statement that defines this field.

CALC232E

Bitstrings must be 1 byte long

Reason:

A bit string field is defined with a length other than one byte.

Action:

Correct and resubmit.

CALC233E

Array start must be less than array finish

Reason:

This message indicates an error in the array definition. The start byte must be lower than the finish byte.

Action:

Correct the array specification and resubmit.

CALC234E

Label defined twice

Reason:

A label has been defined twice. CA Earl expects label definitions to be unique.

Action:

Alter the label so that it is unique.

CALC235E

Expect filename here

Reason:

The GET/PUT/RESET statement is not followed by a valid file name.

Action:

Check the syntax of the GET/PUT/RESET statement and ensure that:

- The GET/PUT/RESET keyword is immediately followed by a valid file name.
- The File name has already been defined on a FILE statement.

CALC236E

File not opened for input

Reason:

The GET statement has been issued to an output file. Only PUT statements can be issued to a file defined as OUTPUT, unless the file has been previously RESET.

Action:

Either remove the GET for your OUTPUT file or specify RESET prior to the GET statement in the program.

CALC237E

File not opened for output

Reason:

The PUT statement has been issued to an input file; only GET statements may be issued.

Action:

Specify GET to read the input file or change the file statement to specify OUTPUT.

CALC238E

Can only index array fields

Reason:

An array index value has been specified for a field that was not defined as an array.

Action:

Check the definition of the indicated field; only array fields may be indexed.

CALC241E

Must have index for array field

Reason:

The indicated field is an array, but an array index value is not specified.

Action:

Specify an index value or check for a mis-typed field name.

CALC242E

Syntax for keyed retrieval is: 'GET *filename* KEY=*keyvalues*'

Reason:

This message reflects a syntax difference between CA Earl Release 2 and Release 3.

Action:

Correct the GET statement.

CALC243E

Undeclared SQL host variable. ** Undeclared variable name=*varname***

Reason:

Any variable used as a host variable in an SQL SELECT statement must be explicitly defined.

Action:

Add a DEF statement for *varname*.

CALC244E

Cannot have keyed output files

Reason:

The FILE statement for an output file specifies a KEY= clause. The KEY= clause applies only to input files; it must not be specified for output files.

Action:

Correct and resubmit.

CALC248E

Too many statement labels

Reason:

Too many statement labels have been specified. The current maximum number of labels is 256. Statement labels are allocated either directly by an CA Earl source program label or internally by a SELECT statement.

Action:

Reduce the complexity of the program or split the program into two programs.

CALC249E

Undefined statement label

Reason:

A label has been used in the CA Earl source program but has not been defined. All statement labels must be defined within the source program.

Action:

Correct and resubmit.

CALC250E

Too many executable statements

Reason:

The generated program is too large. This error message is printed adjacent to the source statement in the compile listing that causes the error condition. The position of the error message will provide a guide to the amount by which the presort program is too large for the operational environment.

Action:

Simplify the CA Earl program to reduce the number of executable statements.

CALC251E

Too many fieldnames

Reason:

The allocated storage for field descriptions has been exceeded. Too many field names have been specified in this CA Earl program. This message is printed against the statement that caused the overflow. The positioning of this error message will provide a guide as to the amount by which the number of field names is too large for the operational environment available to the source program.

Action:

Remove DEFINE statements for fields that are not required during this run of CA Earl.

CALC252E

Cannot have more than 16 megabytes of data values

Reason:

The allocated storage (16 megabytes) for the General Storage Area (GSA) has been exceeded.

Action:

Check source program GSA definitions, especially array specification.

CALC253E

Cannot assign negative value to 1 or 3 byte binary field

Reason:

An attempt has been made to assign a negative value to a one- or three-byte binary field. One- and three-byte binary fields are considered to contain unsigned positive numbers only. Only two- and four-byte binary fields can hold negative values.

Action:

Use a two- or four-byte field to hold the signed number.

CALC254E

Cannot use array variables in this statement

Reason:

Indexed fields are fields that are not allowed in postsort processing.

Note: To allow the specification of indexed fields in postsort statements would require the whole array to be written to the hit file and sorted. This would cause considerable performance degradation; therefore, it is not allowed by the compiler.

Action:

Move the indexed variable to a non-indexed variable before the sort.

CALC255E

Too many tags

Reason:

The statement specifies a string of more than 26 tag characters. Valid tag characters are A to Z and the special character 0 (zero).

Action:

Remove the duplicate tag values.

CALC256E

Tag value not selected

Reason:

The tag character on a printed field has not been previously defined in a SELECT statement within this report. All tag characters used on PRINT statements, except for the special tag 0 (zero), must have been specified on a SELECT statement within the current report.

Action:

Correct and resubmit.

CALC257E

Field *fieldname* Spaced outside columns 1 to *nnn*

Reason:

The specified field has been positioned so that part or all of the field is outside the print line.

Action:

Ensure that:

1. The total number of characters (that is, printable width of all fields in the line, plus the number of interfield spaces) do not exceed the logical line length.
2. At sign (@) spacing does not place any field outside the print line. Note that with @ spacing, the 'at' location refers to the left end of an alphanumeric field or the right end of a numeric field.

CALC258E

Field not specified on a previous print line

Reason:

The print line field is spaced relative to a field that has not been specified on a previous print line in this report. The PRINT statement allows a field to be specified with @ (at sign) spacing, to indicate that this field is to be spaced relative to a field already printed in a previous print line in this report.

Action:

Refer to a field on a previous line or remove the at sign spacing.

CALC259E

Field *fieldname* overlaps previous fields

Reason:

The specified field overlaps all or part of a previous field.

Action:

Position the field to the right of all previous fields.

CALC260E

Line length not in range 20 to 216

Reason:

OPTION PRINTER specifies an invalid printer line length. Acceptable values are in the range 20 through 216.

Action:

Correct and resubmit.

CALC261E

Page depth not in range 1 to 16777215

Reason:

OPTION PAGE or OPTION CPAGE specifies an invalid page depth value. Acceptable values are in the range 1 through 16777215 (2 to the power of 24 - 1).

Action:

Correct and resubmit.

CALC262E

Blocking factor not in range 1 to maximum block size

Reason:

OPTION WRITE ONLY specifies an invalid blocking factor.

Action:

Specify a valid blocking factor in the range 1 through 32767.

CALC263E

More than 254 reports – run terminated

Reason:

More than 254 reports have been specified. CA Earl allows a maximum of 254 reports to be produced per run. It is recommended, however, that 100 reports per run be considered a practical upper limit.

Action:

Split the source deck so that each run specifies fewer reports.

CALC264E

Picture literal can only be specified for numeric items

Reason:

A PICTURE clause has been specified for a field of type X, Q (alphanumeric), or S (bit string). Editing can only be specified for numeric data items.

Action:

Remove the PICTURE clause from this definition.

CALC265E

Picture does not match field size

Reason:

The specified PICTURE does not have the correct number of replaceable characters. The number of source digits in the field must equal the number of replaceable characters in the specified PICTURE.

Action:

Correct the PICTURE clause.

CALC266E

Cannot accumulate non numeric fields

Reason:

The PRINT statement specifies accumulation for an alphanumeric field.

Action:

Remove the parentheses from the field name on the PRINT statement.

CALC267E

Output limit not in range 1 to 16777215

Reason:

OPTION OUTLIM specified an invalid output record limit. Acceptable values are in the range 1 to 16777215 (2 to the power of 24 - 1).

Action:

Correct OPTION OUTLIM.

CALC268E

Too many lines for page depth

Reason:

The number of heading and footing lines is too great for the page depth. The compiler calculates the number of print lines per page required to print the page headings, plus the specified TITLE and FOOT lines. If this total is more than the total number of lines on the page (either the specified OPTION PAGE= value or the installation default), there is no room available to print detail lines.

Action:

Set the OPTION PAGE= to a larger value or reduce the number of heading and footing lines.

CALC269E

Only one user statement allowed

Reason:

More than one USER statement has been specified for this run.

Action:

Remove the second USER statement.

CALC270E

Cannot use presort result fields as report time results

Reason:

A field specified as a result field in a SET(D) or SET(T) statement has also been used as a result field in a presort statement (for example, DECODE or SET). A field used in a presort SET or DECODE statement cannot be specified as a postsort SET(D) or SET(T) result field. Fields to be used as postsort result fields may only be defined with a DEFINE statement presort, or they may be implicitly defined by the SET(D) or SET(T) statement.

Action:

Specify a separate postsort field as a result field.

CALC271E

More than 128 decode pairs

Reason:

The DECODE statement contains more than 128 translation pairs.

Action:

Split the large DECODE into two or more small DECODEs, each with 128 or fewer pairs. Use IF logic to simplify translation.

CALC273E

Pagenumber valid only in report title and foot clauses

Reason:

The field PAGENUMBER has been specified on a statement other than a REPORT statement.

Action:

Confine all references to PAGENUMBER to the REPORT statement.

CALC274E

Cannot print bitstrings

Reason:

There was an attempt to print a field of data type S bit string. These fields cannot be printed, but can only be compared or used as selection criteria.

Action:

Correct the PRINT statement.

CALC275E

No totals for a TOTALS ONLY run

Reason:

The TOTALS ONLY clause of the PRINT statement was specified, but no accumulated fields or SET(T) result fields were printed.

Action:

Correct and resubmit.

CALC277E

Report literal overlaps page number

Reason:

The literal specified on the REPORT statement is too long.

Action:

Shorten the literal or print on the next line with a TITLE clause.

CALC278E

Cannot print variable fields

Reason:

There was an attempt to print a field of data type VARIABLE.

Action:

Specify the correct data type or the component fields if there is a requirement to print.

CALC279E

Cannot assign negative value to unsigned packed field

Reason:

The value being assigned is negative.

Action:

Ensure that all values used with unsigned packed fields are positive.

CALC280E

Maximum number of print statements exceeded

Reason:

More than 500 PRINT statements have been entered.

Action:

Remove excessive PRINT statements.

CALC281E

User module name conflicts with identifier name

Reason:

A user-supplied module has the same name as an identifier.

Action:

Change the name of the module or the identifier.

CALC282E

User module name not specified

Reason:

No name was specified on the CALL statement.

Action:

Check the syntax of CALL statements; the module name must appear after the CALL keyword and before the USING keyword.

CALC283E

CALL parameters must be previously defined variables

Reason:

The parameters passed to a user module on the CALL statement must be predefined; in this case, they are not.

Action:

Define the variables before coding the CALL statement.

CALC284E

More than 255 CALL parameters

Reason:

There are more parameters than the maximum number allowed.

Action:

Reduce the number of parameters to 255.

CALC285E

Expect integer in range 1 1677215 or NONE here

Reason:

The CA Earl compiler expected either NONE or an integer in the specified range. The default value is 30.

Action:

Correct the statement in error to specify a valid integer or NONE.

CALC286E

Expect ENDIF here

Reason:

Each IF statement must be paired with an ENDIF statement, and one ENDIF is missing.

Action:

Add the missing ENDIF or remove the extra IF.

CALC287E

Invalid FILE parameter

Reason:

OUTPUT or UPDATE was specified as a parameter on the FILE statement, but CA Earl is generated to disallow these parameters (OUTPUT = NO or UPDATE = NO).

Action:

Remove these parameters from your FILE statement or regenerate CA Earl to allow them (OUTPUT = YES or UPDATE = YES).

CALC288E

Cannot change control break level

Reason:

The predefined identifier CTRLBREAK has been specified as the result field in a SET or DECODE statement, but it cannot be reset.

Action:

Refer to CTRLBREAK only as a sending field in statements.

CALC289E

Cannot process CARD file in report section

Reason:

A GET(D) or GET(T) refers to a CARD file. This is not supported.

Action:

Remove all postsort references to CARD files.

CALC290E

Cannot process database in report section

Reason:

A GET(D) or GET(T) refers to a database. This is not supported.

Action:

Remove all postsort references to a database.

CALC291E

Restricted to CA user modules

Reason:

Your site is licensed only for the CA Common Services for z/OS CA Earl Reporting Service, which is supplied with many products to support CA Earl reports containing product-specific information. I/O for any other types of files is not supported by this component.

Action:

Refer only to the supplied user file modules on the FILE statement, or purchase the entire CA Earl product.

CALC292E

CALL not supported with CA user modules

Reason:

The CA Earl Reporting Component only allows I/O through modules supplied with other products.

Action:

Remove the CALL statement.

CALC293E

ENDPROC statement missing

Reason:

A PROC statement was found with no corresponding ENDPROC statement.

Action:

Code an ENDPROC following the last statement in the PROC.

CALC294E

GOTO EOJ statement missing

Reason:

CA Earl requires a GOTO EOJ statement following an explicit GET.

Action:

Pair every explicit GET with a GOTO EOJ statement.

CALC295E

Invalid font name

Reason:

You specified a font name that is not currently supported by CA Earl.

Action:

Correct the font name on the flagged statement or replace the hyphen with the required underscore.

CALC296E

Expect H OR D here

Reason:

A font name on a PRINT statement is not suffixed by a (D) or (H).

Action:

If the font specified is for the field's data (detail), specify (D). If the font is for the column heading, specify (H).

CALC501E

System error – attempt to push non-numeric data onto stack

Reason:

This is a catastrophic error.

Action:

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

CALC502E

Attempt to use offset ADDRMODE with MOVE PCODE

Reason:

This is a catastrophic error.

Action:

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

CALC503E

Attempt to use offset address mode with non-numeric comparison

Reason:

This is a catastrophic error.

Action:

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

CALC504E

Invalid systems programming OPTION

Reason:

You specified an invalid parameter or keyword on an OPTION statement.

Action:

Correct the OPTION statement.

CALC505E

Attempt to use unimplemented pcode format

Reason:

This is a catastrophic error.

Action:

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

CALC506E

Attempt to initialize field of type undeclared or variable

Reason:

An initial value was specified for a field that has been defined with a type of VARIABLE. The assignment of an initial value may only be made to a field whose type is X, N, P, U, or B.

Action:

Remove the initial value specification from this definition.

CALC507E

Attempt to allocate storage for field twice

Reason:

This is a catastrophic error.

Action:

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

CALC901W

Result may be truncated

Reason:

The result field is not large enough to contain the largest theoretical result value. This could cause a runtime overflow in the result field, causing the field to print as asterisks (*).

Action:

Check for incorrect specification.

CALC902W

Field to be tested shorter than this value; value truncated

Reason:

In a logical expression, the value being compared is longer than the field to which it is being compared. The value is logically truncated to the length of the field being compared.

Action:

No action is required.

CALC903W

Print item moved right to avoid grand total legend

Reason:

The PRINT statement has spaced a field or literal where it would be overlaid by the GRAND TOTAL legend.

Action:

No action is required.

CALC904W

Statement logically inaccessible to remainder of program

Reason:

The indicated statement cannot be executed because it is not labeled and therefore cannot be branched to.

Action:

No action is required.

CALC905W

OPTION SORT=NONE IGNORED

Reason:

Sorting cannot be bypassed in a multiple-report run or when there is any postsort processing. When the CA Earl compiler determines that one of these cases exists, it automatically enables the sort and issues this message.

Action:

No action is required.

CALC906W

Number of digits set to 3 for maximum value in 1 byte

Reason:

The field defined has been created as a binary field in the working storage area. The specified precision is 1, 2, 3, or 4 bytes. The precision has been adjusted to allow for the maximum number of digit positions to be printed.

Action:

No action is required.

CALC907W

Number of digits set to 5 for maximum value in 2 bytes

Reason:

The field defined has been created as a binary field in the working storage area. The specified precision is 1, 2, 3, or 4 bytes. The precision has been adjusted to allow for the maximum number of digit positions to be printed.

Action:

No action is required.

CALC908W

Number of digits set to 8 for maximum value in 3 bytes

Reason:

The field defined has been created as a binary field in the working storage area. The specified precision is 1, 2, 3, or 4 bytes. The precision has been adjusted to allow for the maximum number of digit positions to be printed.

Action:

No action is required.

CALC909W

Number of digits set to 10 for maximum value in 4 bytes

Reason:

The field defined has been created as a binary field in the working storage area. The specified precision is 1, 2, 3, or 4 bytes. The precision has been adjusted to allow for the maximum number of digit positions to be printed.

Action:

No action is required.

CALC910W

Print item moved right to avoid control break legend

Reason:

The PRINT statement has spaced a field or literal where it would be overlaid by the control break legend.

Action:

No action is required.

CALC911W

Rounding ignored, result not truncated

Reason:

The receiving field does not have fewer decimals than the sending field, so no truncation takes place.

Action:

No action is required.

CALC912W

Punch ignored, OPTION SAVE=Name specified

Reason:

PUNCH is not required for object decks that are to be link edited.

Action:

No action is required.

CALC914W

Module names will be generated using first 5 characters

Reason:

You have coded OPTION SAVE=name and the module name has more than five characters. Only the first five characters will be used by CA Earl when generating module names for the SAVED program.

Action:

No action is required.

CALC915W

No GET issued for DLI/IMS primary file. Program may fail.

Reason:

With DLI, the GET statement is used to identify the segments to be retrieved. The program will usually fail if no explicit GET is coded.

Action:

Examine the source code carefully.

Chapter 6: CALR Messages

List of CALR Messages

The following messages are issued by the CA Earl component.

CALR129E

Segment too big for data base

Reason:

The RECORD= clause of the SEGMENT file statement has a larger value than that on the DB statement.

Action:

Specify the RECORD= length on the DB statement equal to or greater than the length of the largest segment.

CALR401I

Modify the following default and press PF2 to generate options

Reason:

Modify supplied defaults to your requirements.

Action:

Modify desired options and press PF2 to generate installation options.

CALR402I

Installation options generated successfully

Reason:

The installation options macro has been successfully assembled with the user specified options.

Action:

No action is required.

CALR403E

Error assembling '*program*'. Return code = *rc*

Reason:

The assembly of program ended with a return code of *rc*.

Action:

Examine the listing, correct the error, and reexecute the task.

CALR404E

Error in 'GLOBAL TXTLIB *libname*'. Return code = *rc*

Reason:

A GLOBAL command involving TXTLIB(s) ended with a return code of *rc*.

Action:

Check that the named TXTLIB(s) exists and reexecute the task.

CALR405E

Error in 'TXTLIB function library program'. Return code = *rc*

Reason:

The CMS command TXTLIB function library program ended with a return code of *rc*.

Action:

Verify that there is enough space in the TEST system disk and retry this task. For assistance, contact CA Support at http://ca.com/support.

CALR406E

Error loading '*name*'. Return code = *rc*

Reason:

The named TEXT file or TXTLIB member does not exist, or one or more unresolved external references were found.

Action:

Verify that the named TEXT or TXTLIB member exists, that other TXTLIBs exist in the accessed disks and are specified in any GLOBAL TXTLIB commands and reexecute the task. For assistance, contact CA Support at http://ca.com/support.

CALR407E

Error generating '*filename filetype*'

Reason:

An error occurred while generating the file specified by *filename* and *filetype*.

Action:

Examine the listing, correct the error, and regenerate the task.

CALR409E

Error copying '*filename filetype*'

Reason:

An error occurred copying the file specified by *filename* and *filetype*.

Action:

Verify that the named file exists and that the target disk has sufficient free space and reexecute the task. For assistance, contact CA Support at http://ca.com/support.

CALR410I

Task '*taskname*' complete

Reason:

Task *taskname* has completed successfully.

Action:

No action is required.

CALR411I

Modify the following defaults and press PF2 to run demonstration

Reason:

Modify-supplied defaults to your requirements.

Action:

Modify desired options and press PF2 to execute the installation demonstration program.

CALR412E

CA-EARL demonstration unsuccessful return code *nnnn*

Reason:

A return code greater than zero was returned from the execution of the CA Earl demonstration program.

Action:

Review the SYSPRINT output and consult the *CA Earl Message Guide* for any error messages. Take the appropriate actions to correct the error and rerun the demonstration. If task errors still occur, then verify that all CA Earl installation tasks were completed successfully.

CALR413I

CA-EARL demonstration complete

Reason:

The CA Earl demonstration was successful. A return code of zero was returned from the execution of the CA Earl demonstration program.

Action:

No action is required.

CALR414E

File '*fn ft fm*' not found

Reason:

CA Earl could not find the named source program, MACLIB, or TXTLIB on any of the accessed disks.

Action:

Correct the spelling of the file information or access the required disk.

CALR415E

OPTION '*option*' invalid

Reason:

The specified option is invalid.

Action:

Check that the option specified is spelled correctly and that it exists. See the *CA Earl Systems Programmer Guide OS/390* for valid options and their syntax.

CALR416E

Invalid filemode '*fm*'

Reason:

A supplied filemode is invalid for one of the following reasons:

- It is longer than 2 characters.
- The first character is not a letter or an asterisk (*).
- The second character is not a digit in the range 0 to 5.

Action:

Correct the filemode.

CALR418E

Options '*opt1*' and '*opt2*' are mutually exclusive

Reason:

Conflicting parameters were specified.

Action:

Specify only one of the indicated parameters. Refer to the *CA Earl Systems Programmer Guide* for valid options and their syntax.

CALR419E

User exit program '*name*' not found

Reason:

The indicated user exit was not found.

Action:

Check the following:

- The program name was spelled correctly
- The program file type is EXEC or MODULE
- The disk on which the program resides is accessed

CALR420E

CA-EARL terminated by user exit '*name*'. Return code '*nnnn*'

Reason:

A return code, *nnnn*, was returned from the user exit name.

Action:

Correct the indicated error and reexecute the CAEARL EXEC.

CALR421E

TXTLIB error occurred. Function='*function*', MEMBER='*member*',TXTLIB='*libname*',RC='*rc*'

Reason:

A TXTLIB command failed while saving a CA Earl program. The message text contains the member name, TXTLIB name, function, and return code *rc*.

Action:

Examine the CA Earl listing, correct the error, and reexecute the CAEARL EXEC. For assistance, contact CA Support at http://ca.com/support.

CALR422E

CA-EARL terminated due to error(s)

Reason:

A return code greater than zero was returned while executing CAEARL.

Action:

Review the SYSPRINT output from CA Earl and consult the *CA Earl Message Guide* for any error messages listed. Take the appropriate actions to correct all errors, and then reexecute CAEARL.

CALR423E

SYSPARM invalid or longer than 100 characters

Reason:

The string literal following the PARM= keyword is invalid for one of the following reasons:

- It is longer than 100 bytes.
- There is no closing quote.
- There is a single quote in the middle of the string.

Action:

Shorten the literal, add a closing quote, or specify two quotes ('') to indicate a single quote in the middle of your string.

CALR424E

Program name not specified

Reason:

You omitted the name of your CA Earl source program when invoking CAEARL EXEC. The correct syntax is:

CAEARL *program-name* (*options*

Action:

Correct the syntax and reexecute CAEARL.

CALR425E

'FILETYPE' name must follow keyword 'KEYWORD'

Reason:

You omitted MACLIB or TXTLIB following the options MACLIB, TXTLIB, or SAVE.

Action:

Correct the syntax and reexecute CAEARL.

CALR426E

SQL file 'FN FT FM' not found.

Reason:

The named file is required for the SQLDS interface, but CA Earl could not find it on any of the accessed disks.

Action:

Access the SQLDS files.

CALR427E

Keyword 'KEYWORD' must be preceded by 'VALUE'

Reason:

The DISK keyword must be preceded by AFP, SYSEARL, or SYSPRINT, as specified.

Action:

Correct the syntax and reexecute CAEARL.

CALR801E

GOTO abort issued by user program

Reason:

The CA Earl program has been terminated by a user-directed branch to ABORT.

Action:

No action is required.

CALR802E

No data selected for any report

Reason:

No data has been selected to the hit file for any report of this run. The run is terminated at this point.

Action:

Check the record selection logic and input data and resubmit.

CALR803W

No records for report number *nn*

Reason:

No data has been selected to the hit file for report number *nn*.

Action:

Check the record selection logic for report number *nn* and resubmit.

CALR804E Messages

The CALR804E message is issued by CA Earl when a file exit routine indicates that it cannot continue processing due to a fatal error. File exit routines are distributed with CA Earl, other products, or can be user-written. The file exit routine supplies the text of the message. The following CALR804E messages are issued by file exit routines distributed with CA Earl.

- CALL ERROR I/O ERROR - STATUS CODE "*xx*"
- DATA BASE NAME '*xxxxxxxx*' NOT RECOGNIZED
- DATA BASE PCB NUMBER '*xxx*' INVALID
- FUNCTION CODE '*xxxx*' INVALID - GET CALLS ONLY SUPPORTED
- INVALID CALL TO VSAM - FILENAME:*filename*
- NO FUNCTION CODE SUPPLIED
- NUMBER OF SSA'S SPECIFIED INVALID
- SPECIFIED NUMBER OF SSA'S NOT FOUND
- VSAM ERROR, REG15=*xx* ERROR CODE=*yyy filename aaaaaaaa*
- *xxxxxxx* ACCESS ERROR *yyyyyyyy*

CALR804E

xxxxxxx* access error *yyyyyyyy

Reason:

An error has occurred during the execution of module *xxxxxxx*, which was called by CA Earl. Message *yyyyyyyy* is passed back from the user module.

The module can be:

- CAEADLI or CAEAVSAM, which are file exits supplied with CA Earl.
- A module supplied by another product.
- A user-written routine.

Action:

1. Examine the message returned from the user module to see if it provides any clues to the problem.
2. Verify that the FILE or CALL statement has been correctly specified and matches the characteristics of the module to be called.
3. Make sure that you have passed a valid parameter list to the module.

CALR804E

No function code supplied

Reason:

Bytes 1 to 4 of the CA Earl I/O area do not contain a valid function code. This is issued by the DL/I interface CAEADLI.

Action:

Correct and resubmit.

CALR804E

Function code '*xxxx*' invalid - GET calls only supported

Reason:

The first character of the function field code is not G. This was issued by the DL/I interface CAEADLI.

Action:

Check for an incorrect function code.

CALR804E

Number of SSA'S specified invalid

Reason:

Bytes 5 to 6 of the CA Earl I/O area contain a value not in the range of 0 to 10 or not packed decimal. This was issued by the DL/I interface CAEADLI.

Action:

Modify the User Exit source code and reassemble if more than 10 SSAs are required.

CALR804E

Specified number of SSA'S not found

Reason:

The number of SSAs supplied in bytes 15 to 255 of the CA Earl I/O area does not match the value specified in bytes 5 to 6. This was issued by the DL/I interface CAEADLI.

Action:

Correct and resubmit.

CALR804E

Call error I/O error - status code "*xx*"

Reason:

The DL/I call is not successful—the status code returned is prefixed by A (AB, AC, AD, AF, and so forth). This could either be a genuine I/O error or a logical error in setting up the arguments within the CA Earl problem definition statements. This was issued by the DL/I interface CAEADLI.

Action:

See the IBM DL/I or IMS manual and take the appropriate action for this code.

CALR804E

Data base PCB number '*xxx*' invalid

Reason:

The PCB number specified in bytes 7 to 8 of the CA Earl communications region is not in the range 1 to 255. This was issued by the DL/I interface CAEADLI.

Action:

Correct and resubmit.

CALR804E

Database name '*xxxxxxxx*' not recognized

Reason:

The database name specified in bytes 7 to 14 of the communications region cannot be matched against any of the supplied PSB. This was issued by the DL/I interface CAEADLI.

Note: The PSB must be generated for assembler or COBOL.

Action:

Check the database name against the PSB.

CALR804E

Invalid call to VSAM - FILENAME:*filename*

Reason:

This message is issued if a wrong combination of DEFINE parameters has been specified. This will be followed by a CA Earl abort message, and the run will abort. This was issued by CAEAVSAM.

Action:

Correct the call to CAEAVSAM.

CALR804E

VSAM error, REG15=*xx* error code=*yyy filename aaaaaaaa*

Reason:

aaaaaaaa indicates whether it is a generation error, an open error, or a read error.

Action:

See the relevant IBM manual for an explanation of the content of Register 15 and error code.

Related IBM Publication:

- *z/OS DFSMS Macro Instructions for Data Sets*

CALR805E

Error has occurred in Runtime system

Reason:

CA Earl is unable to continue due to errors.

Action:

See the accompanying message on the listing and take the appropriate action.

CALR806E

No PCB found *xxxxxxxx*

Reason:

The name of a DB or the defined PCB number is not in the PSB.

Action:

Match the names of DB statements and PCBs.

CALR807E

Invalid report number on hit file

Reason:

The Report Writer has found a record containing a report number that either is larger than the number of reports or is out of sequence.

Action:

Check for files overlapping the hit file extents or for failure of the sort.

CALR808E

Hit file record too large for device

Reason:

The record size of the hit file is greater than the track capacity of the device to which it has been assigned.

Action:

Move the hit file to a device with a larger track capacity or reduce the amount of data to be written in the hit file record.

CALR809E

Cannot find *xxxxxxxx*

Reason:

Your CA Earl program contains a CALL, GET, or OPTION PRTXIT= statement that references the module or phase named *xxxxxxx*, and this module or phase cannot be found.

Action:

Make sure that your STEPLIB DD statement points to the appropriate library. If necessary, point to an additional library or assemble and link edit the module into the appropriate library.

CALR810E

Catastrophic error on work file *n*

Reason:

CA Earl has read data from its work file, which it did not expect.

Action:

Check for overlapping files. For assistance, contact CA Support at http://ca.com/support.

CALR811W

Program error occurred statement no *stmt-number* on input record no *nnnn*

Reason:

CA Earl detected a program interrupt (usually a data problem) at the indicated statement on input record number *nnnn*. Processing continues.

Action:

No action is required.

CALR812E

More than one qual. segm on the same level *xxxxxxxx*

Reason:

More than one qualified segment on the same level allowed only for a fully-qualified GET without the SEARCH function.

Action:

Specify two GET statements if a search for two segments at the same level is required.

CALR813E

Invalid length in segment *yyyyyyyy* database: *xxxxxxxx*

Reason:

In the first two bytes of this variable-length segment is a length greater than the defined maximum length for the database.

Action:

Specify a record size on the DB statement equal to the length of the longest segment.

CALR815E

Unexpected status code *nn* from DLI *xxxxxxxx yyyyyyyy*

Reason:

DL/I has returned a status code nn that CA Earl cannot handle.

Action:

See the IBM DL/I or IMS manual and take the appropriate action for this code.

CALR816E

Error in object module

Reason:

File EARLOBJ does not contain the CA Earl program or is corrupted.

Action:

Check for overlapping files or verify that the correct text deck has been copied in (if using EARLX).

CALR817E

I/O error in library

Reason:

The CA Earl copy library is corrupt.

Action:

Restore from backup.

CALR818E

Unsupported disk device

Reason:

The hit file has been assigned to an unsupported device, or the DISK= parameter of the EARLGEN macro, OPTION statement, or FILE statement is for an unsupported device.

Action:

Move the file to a supported device.

CALR819E

Program check in user exit

Reason:

A user-supplied exit routine has program checked.

Action:

Resolve the problem by using the registers and PSW saved by CA Earl.

CALR820E

Error during open files

Reason:

CA Earl could not open its files.

Action:

Check for missing or incorrect files.

CALR821E

Invalid length in variable record

Reason:

Either the record length of the data was not in the range of four to maximum record size, bytes 3 and 4 of the record descriptor were not zero, or CA Earl source statements are stored in variable-length files or copybooks.

Action:

Ensure that the file contains variable records and specify the maximum record length on the FILE statement, or save the CA Earl source statements in a fixed-length file with an LRECL of 80.

CALR822E

Not enough main storage for I/O buffers

Reason:

The partition or region is too small.

Action:

Allocate more storage.

CALR823E

Not enough main storage for phase load

Reason:

The partition or region is too small.

Action:

Allocate more storage.

CALR824E

Program check in Runtime system

Reason:

A program check has occurred during CA Earl execution.

Action:

Check your console or JES2 log for system error messages that could have caused a CA Earl program check. Also refer to the *CA Earl User Guide* for debugging hints and suggestions.

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

CALR825E

Wrong length record on file *xxxxxxxx*

Reason:

A block has been read on file *xxxxxxxx* and it is either larger than the BLOCK= value on the FILE statement or is not a multiple of the record size.

Action:

Correct the FILE statement if the BLOCK= value is too small or rewrite the file with the correct record size.

CALR826E

Run terminated by user module

Reason:

A user file module has requested that CA Earl terminate.

Action:

See the accompanying message CALR804E for the reason.

CALR828E

Incorrect record size in ISAM file

Reason:

The Record length on the FILE statement is not equal to key length plus data length for unblocked ISAM records.

Action:

Correct the RECORD= parameter on the FILE statement.

CALR829E

Disk device does not support ISAM

Reason:

The DISK= parameter of the FILE or OPTION statement does not support ISAM.

Action:

Specify the correct DISK type on the FILE statement.

CALR830E

Permanent I/O error on ISAM GET

Reason:

A hardware error has been encountered.

Action:

Check for overlapping files and bad disk drives. Restore the file.

CALR831E

Wrong length record on ISAM file

Reason:

A record read from an ISAM file is not the length specified on the FILE statement.

Action:

Check the file specification and check for overlapping files.

CALR832E

No record found on ISAM GET

Reason:

The expected record was not found.

Action:

Ensure that the file was closed after the last update. Restore the file and rerun.

CALR833E

Not enough storage for compiler

Reason:

The region is too small. CA Earl requires at least 260K. A large source program may require more storage, and CA Earl runs faster when given a larger region.

Action:

Increase the storage available to CA Earl. If attempting to compile a large program, specify OPTION WORKFILES.

CALR834E

Program check in CA-EARL

Reason:

There is a program check in the compiler, object module, generator or Report Writer.

Action:

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

CALR835E

Error reading GSA field

Reason:

The hit file is out of sequence.

Action:

Check the sort for failure and overlapping files.

CALR836E

Stack/heap crash in report writer

Reason:

There is insufficient storage for the report writer.

Action:

Run the program in a larger partition or region.

CALR837E

Error occurred in invoked sort

Reason:

The invoked sort has failed.

Action:

Check for overlapping extents or insufficient work areas.

CALR838E

Error occurred in SORTOUT FILEDEF

Reason:

The FILEDEF for SORTOUT has been omitted or has failed.

Action:

Ensure that the FILEDEF for SORTOUT is issued before invoking CA Earl.

CALR839E

Incorrect key specified for VSAM file

Reason:

The key specified by the user on the FILE VSAM statement does not match the values returned by OPEN.

Action:

Match the values specified on the FILE statement with those in the catalog.

CALR840E

Incorrect record size specified for VSAM file

Reason:

The record size on the FILE VSAM statement does not match the size returned by OPEN.

Action:

Match the RECORD= parameter on the FILE statement with that in the VSAM catalog.

CALR841E

Invalid processing mode for record insertion

Reason:

The user is trying to add records to a VSAM file while reading backwards or in ADR mode using the RBA.

Action:

Insert records by key or in sequential mode.

CALR842E

VSAM error, REG15=*nn* error code =*cccc xxxxxxxx yyyyyyyy*

Reason:

A VSAM call has been terminated by VSAM. The contents of Register 15 and the reason code are given in the message.

Action:

Correct the error referencing the IBM *VSAM Messages and Codes Manual* for the reason code.

CALR844E

Received segment *xxxxxxxx* from database *yyyyyyyy* longer than defined *maxlength*

Reason:

In the definition of the database (DB-statement), the defined MAXLN is less than the longest segment in the PCB used for this database.

Action:

Change the MAXLN parameter to the correct value.

CALR845E

Mixed use of seq, GET with the same PCB not allowed

Reason:

It is impossible to hold more than one position for the same PCB. This would happen if two GETs for the same PCB are active at the same time. Two different PCBs for this database should be used if more than one position in the database is needed.

Action:

Specify another DB statement for the same database and refer to that on the second GET statement.

CALR846E

Database *xxxxxxxx* Segment name *yyyyyyyy* different hierarchical path

Reason:

In a GET statement, with the SEARCH function, the segments defined are not in the same hierarchical path.

Action:

Specify segments in only one hierarchical path.

CALR847E

DUPL.SEGM.NAME *yyyyyyyy* database : *xxxxxxxx*

Reason:

The same segment name appears twice in a GET.

Action:

Correct and resubmit.

CALR848E

Invalid filename - *filename*

Reason:

The filename shown does not conform to the standards of CMS for DDnames.

Action:

See the CMS manuals for the standards for DDnames.

CALR851E

Perform stack underflow

Reason:

An ENDPROC statement has been executed and there is no return address in the stack.

Action:

Check for branches to labels defined within procedures from outside the procedure.

CALR852E

Perform stack overflow

Reason:

A PERFORM statement is being executed and there is no room for the return address in the stack.

Action:

Check for recursive PERFORM loops and branches from within procedures to labels defined outside the procedure. Also check for GOTOs within PROCs. The only way to exit from a PROC prior to its ENDPROC statement is an EXITPROC.

CALR870E

AFP initialization failure

Reason:

AFP could not be initialized due to some type of major error.

Action:

Ensure the following:

- AFP has been installed correctly
- The JCL or EXEC contains the required DDnames
- You have access to the AFP modules (through STEPLIB, LIBDEF, or LINK)

CALR871E

Failure to send print line to AFP

Reason:

AFP could not print the line you sent.

Action:

Review the AFP error messages to determine the cause of your problem.

CALR872E

Failure in connect to SQL/DS

Reason:

CA Earl could not connect to SQL/DS due to some type of major error.

Action:

Correct the userid and password in SYSPARM and rerun the job.

CALR873E

Failure in send to SQL

SQL *filename* SQL *function* ISSUED

SQL FLAG:-SQLCODE *hex_value decimal_value*

SQL FLAG:-SQLERRM IS: error message from SQL up to 70 characters

filename

Limits: 8 characters

function

Limits: SELECT, FETCH

Reason:

An error occurred during query transmission to SQL.

Action:

Examine the SQL error message and SQLCODE to determine the cause and correct the problem. For more information about SQL error codes, refer to your SQL documentation.

CALR874E

Data type mismatch

SQL *filename* COLUMN NAME IS: *name*

SQL *filename* CAEARL NAME IS: *name*

name

Limits: 18 characters

Reason:

The data type specified on the CA Earl DEFINE statement does not match the data type stored in the SQL tuple.

Action:

Correct your CA Earl program so that the data types match.

CALR875E

Error in SQL interface module

SQL *filename* SQL FAILURE IN *function*

SQL FLAG:-ERRCODE = *errcode*

filename

Limits: 8 characters

function

Limits: CONNECT, SELECT, FETCH, DISCONNECT, DATATYPE

errcode

Limits: One byte hex value

Reason:

An error occurred in SQL processing.

Action:

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

CALR876E

Userid/Password not specified

Reason:

A userid and password are required to connect to SQL/DS under VSE.

Action:

Specify the correct userid and password in SYSPARM and rerun the job.

CALR877E

Userid/Password incorrectly specified

Reason:

The syntax of userid and password was incorrectly specified.

Action:

Correct the syntax of userid and password and rerun the job.

CALR878E

Insufficient memory to perform SQL function

Reason:

There was insufficient memory to execute SQL commands.

Action:

Increase memory and rerun the job.

CALR879E

DB2 call attach failure

SQL *filename* SQL *function* ISSUED

SQL FLAG:-ERRCODE *hex_value decimal_value*

filename

Limits: 8 characters

function

Limits: CONNECT, DISCONNECT, SELECT, FETCH

Reason:

CA Earl could not connect to DB2 due to some type of major error.

Action:

Examine the R0 failure code to determine the cause and correct the problem.

- 00F30002—DB2 subsystem is not operating
- 00F30011—DB2 subsystem not active, startup EXB ignored
- 00F30012—DB2 subsystem not active, startup ECB overlaid
- 00F30013—User not authorized to connect to DB2

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

Chapter 7: CALU Messages

List of CALU Messages

The following messages are issued by the CA Earl component.

CALU001E

Unknown keyword parameter

Reason:

A misspelled or invalid keyword was specified.

Action:

Correct the invalid keyword and rerun the job.

CALU002E

Book= Parameter error (DOS/VS(E) only)

Reason:

A valid copybook name has not been supplied.

Action:

Supply a valid copybook name and rerun the job.

CALU003E

Input= Parameter error, must be tape or disk

Reason:

A misspelled or invalid parameter was specified. Valid options are TAPE or DISK.

Action:

Correct the invalid parameter and rerun the job.

CALU004E

Output= Parameter error, must be tape or disk (DOS/VS(E) only)

Reason:

A misspelled or invalid OUTPUT parameter was specified. Valid options are TAPE or DISK.

Action:

Correct the invalid parameter and rerun the job.

CALU005E

Input source deck name missing

Reason:

No name was provided for the source deck. The program expects a name either through the BOOK=/MEMBER= parameter or through a control card in the input deck.

Action:

Supply a name on the BOOK=/MEMBER= parameter.

CALU010E

Unsupported recording mode

Reason:

Recording mode must be either F or V. The file definition is bypassed.

Action:

No action is required.

CALU011W

Duplicate first 12 characters - NAME = *data name*

Reason:

The first 12 characters of the data name given are not unique.

Action:

Edit the output from the conversion program.

CALU012E

Floating point not supported

Reason:

COMP-1 and COMP-2 are not supported in CA Earl. The data definition is bypassed.

Action:

No action is required.

CALU013E

Nested occurs not supported

Reason:

An OCCURS statement has been detected within an existing OCCURS structure. This is not supported within CA Earl. The data structure will be bypassed.

Action:

No action is required.

Chapter 8: CAMS Messages

List of CAMS Messages

The following messages are issued by the CAMASTER common service.

CAMS095E

jjjjjjjj* #ERROR Code=*cccc* issued by *lmod.csect+offset
error description

Reason:

The CAMASTER Common Service routine has detected an illogical condition or has encountered an unexpected failure in a called service. The jobname, *jjjjjjjj*, internal error code, *cccc*, and module information is provided in the message.

Action:

This message provides information for CA Support to help diagnose problems. An SVC dump is captured and a LOGREC entry is generated to provide first failure data capture information to aid in diagnosing the condition.

CAMS100I

CAMASTER INITIALIZATION IN PROGRESS

Reason:

The CAMASTER Common Service system address space is beginning initialization processing.

Action:

This message is informational only.

CAMS101I

CAMASTER INITIALIZATION COMPLETE

Reason:

The CAMASTER Common Service system address space has completed initialization.

Action:

This message is informational only.

CAMS102E

MINIMUM LEVEL Z/OS1.8.0 REQUIRED

Reason:

The CAMASTER Common Service system address space will execute only on a z/OS 1.8.0 or higher level system.

Action:

This message is informational only.

CAMS103E

ssss **SUBSYSTEM IS NOT DEFINED**

Reason:

The CAMASTER Common Service system address space encountered an error locating the named subsystem.

Action:

This message provides information for CA Support to help diagnose problems.

CAMS104E

COMMON AREA INITIALIZATION FAILED

Reason:

The CAMASTER Common Service system address space encountered a failure while attempting to initialize its common storage resident routines and data areas.

Action:

This message provides information for CA Support to help diagnose problems. See the SYSLOG for the CAMASTER messages that provide detailed information regarding the failure.

CAMS105E

SUBSYSTEM INITIALIZATION FAILED

Reason:

The CAMASTER Common Service system address space encountered a failure while attempting to define its dynamic subsystem.

Action:

This message provides information for CA Support to help diagnose problems. See the SYSLOG for the CAMASTER messages that provide detailed information regarding the failure.

CAMS106E

CROSS MEMORY SERVICES INITIALIZATION FAILED

Reason:

The CAMASTER Common Service system address space encountered a failure while attempting to initialize its program-call routines and data areas.

Action:

This message provides information for CA Support to help diagnose problems.

CAMS107E

CANNOT ESTABLISH CAAT; Return Code: *rr*

Reason:

The CAMASTER Common Service system address space encountered a failure while attempting to initialize the CAAT common storage resident data area.

Action:

This message provides information for CA Support to help diagnose problems. The return code is that which is returned from the #CAAT service.

CAMS108E

REQUIRED CA PRODUCT RIM MODULE HAS FAILED DURING INITIALIZATION

Reason:

The CAMASTER Common Service system address space detected a failure of a required CA product resource initialization module.

Action:

This message provides information for CA Support to help diagnose problems. See the SYSLOG for previously issued messages that provide detailed information regarding the failure.

CAMS109E

jjjjjjjj **RACROUTE VERIFY failed; SAF RC=x'*ss*' SEC RC =x'*rr*' SEC RSN=x'*cc*'**

Reason:

The CAMASTER Common Service system address space attempted to create a trusted user security environment; however, an unexpected return code was encountered.

Action:

This message provides information for CA Support to help diagnose problems.

CAMS110E

CANNOT ESTABLISH RESOURCE MANAGER; RC=*x'rr'* RSN=*x'cc'*

Reason:

The CAMASTER Common Service system address space encountered an unexpected failure while attempting to initialize its resource manager routines. The return code and reason code are from the IBM RESMGR service.

Action:

This message provides information for CA Support to help diagnose problems.

CAMS111E

***jjjjjjjj* IS ALREADY ACTIVE**

Reason:

An attempt was made to create a CAMASTER system address space; however, there is already a CAMASTER system address space active in the system.

Action:

This message is informational only.

CAMS199E

FATAL INITIALIZATION ERROR

Reason:

The CAMASTER Common Service system address space encountered an error during initialization and cannot continue execution.

Action:

This message provides information for CA Support to help diagnose problems. See the SYSLOG for previously issued messages that provide detailed information regarding the failure.

CAMS249I

PARMLIB *statement image*

Reason:

This message logs a logical PARMLIB statement image processed by CAMASTER.

Action:

This message is informational and is issued in debug mode.

CAMS301E

BLDL for *module* failed; Return Code: x'*rr*' Reason Code: x'*cc*'

Reason:

CAMASTER encountered a BLDL service failure attempting to locate a module. The BLDL service return code and reason code values are provided.

Action:

This message provides information for CA Support to help diagnose problems. Verify that the CAMASTER component has been correctly installed in a LINKLIST library.

CAMS303E

LOAD for *module* failed; Return Code: x'*rr*' Reason Code: x'*cc*'

Reason:

CAMASTER encountered a LOAD service failure attempting to load a module. The LOAD service return code and reason code values are provided.

Action:

This message provides information for CA Support to help diagnose problems. Verify that the CAMASTER component has been correctly installed in a LINKLIST library.

CAMS304E

CSVDYLPA ADD for *module* failed; Return Code: x'*rr*' Reason Code: x'*cc*'

Reason:

CAMASTER encountered a CSVDYLPA service failure attempting to establish a dynamic LPA module. The CSVDYLPA service return code and reason code values are provided.

Action:

This message provides information for CA Support to help diagnose problems. Verify that the CAMASTER component has been correctly installed in a LINKLIST library.

CAMS305E

Dynamic LPA request for *module* failed; RC=x'*rr*' RSN=x'*cc*' SRC=x'*src*' SRSN=x'*scc*'

Reason:

CAMASTER was unable to establish a dynamic LPA module. The service return codes and reason codes are provided to assist with problem diagnosis. The RC and RSN values provide information as to the underlying service that returned a failure condition. The SRC and RSN values are the return code and reason code from the called service.

Action:

This message provides information for CA Support to help diagnose problems. Verify that the CAMASTER component has been correctly installed in a LINKLIST library.

CAMS313E

Unexpected BLDL error; Return Code: x'*rr*' Reason Code: x'*cc*'

Reason:

The CAMASTER early IPL event routine encountered a BLDL service failure. The BLDL service return code and reason code values are provided.

Action:

This message provides information for CA Support to help diagnose problems. Verify that the CAMASTER component has been correctly installed in a LINKLIST library.

CAMS314E

LINK for *module* failed

Reason:

The CAMASTER early IPL event routine encountered a LINK service failure attempting to invoke indicated module.

Action:

This message provides information for CA Support to help diagnose problems. Verify that the CAMASTER component has been correctly installed in a LINKLIST library.

CAMS320E

BLDL for *module* failed

Reason:

CAMASTER attempted to locate the named CA component IPL resource initialization module; however, the module could not be located by the BLDL service.

Action:

This message provides information for CA Support to help diagnose problems. Identify the CA component owning the named module and verify that the named component was installed correctly and that the named module is available in a LINKLIST library.

CAMS321E

ATTACH for *module* failed

Reason:

CAMASTER attempted to execute the named CA component IPL resource initialization module; however, the ATTACH for the initialization routine failed.

Action:

This message provides information for CA Support to help diagnose problems. Identify the CA component owning the named module and verify that the named component was installed correctly and that the named module is available in a LINKLIST library.

CAMS330E

***nnnn* is not defined as a dynamic subsystem**

Reason:

CAMASTER attempted to use the requested subsystem name to establish subsystem functions; however, the named subsystem is not defined as a dynamic subsystem.

Action:

This message provides information for CA Support to help diagnose problems. For information regarding the appropriate definition of dynamic subsystem, see the IBM z/OS I*nitialization and Tuning Reference*.

CAMS331E

***srv-name srv-request* unexpected error; Return Code: x'*rr*' Reason Code: x'*cc*'**

Reason:

CAMASTER encountered an unexpected service failure attempting to perform subsystem initialization processing. The service routine name, requested function, return code, and reason code values are provided.

Action:

This message provides information for CA Support to help diagnose problems.

CAMS902E

EXPECTED DELIMITER NOT RECEIVED

Reason:

The CAMASTER system address space has detected an error while parsing a CAMASTER parameter.

Action:

Correct the CAMASTER parameter.

CAMS903E

UNMATCHED OR UNEXPECTED APOSTROPHE

Reason:

The CAMASTER system address space has detected an error while parsing a CAMASTER parameter.

Action:

Correct the CAMASTER parameter.

CAMS904E

UNBALANCED PARENTHESIS

Reason:

The CAMASTER system address space has detected an error while parsing a CAMASTER parameter.

Action:

Correct the CAMASTER parameter.

CAMS905E

LEFT PARENTHESIS UNEXPECTED

Reason:

The CAMASTER system address space has detected an error while parsing a CAMASTER parameter.

Action:

Correct the CAMASTER parameter.

CAMS909E

PARSE LIST OVERFLOW

Reason:

The CAMASTER system address space has detected an internal error while parsing a CAMASTER parameter.

Action:

Collect relevant documentation and contact CA Support.

CAMS910E

UNEXPECTED POSITIONAL PARAMETER; OPERAND: *operand* KEYWORD: *keyword*

Reason:

The CAMASTER system address space has detected an error while parsing a CAMASTER parameter. The incorrect operand and keyword, if applicable, are conditionally shown in the message if this information can be determined.

Action:

Correct the CAMASTER parameter.

CAMS911E

KEYWORD *keyword* IS REQUIRED BUT WAS NOT SPECIFIED

Reason:

The CAMASTER system address space has detected an error while parsing a CAMASTER parameter.

Action:

Correct the CAMASTER parameter.

CAMS912E

SUBLIST NOTATION IN THIS INSTANCE IS UNEXPECTED; OPERAND: *operand* KEYWORD: *keyword*

Reason:

The CAMASTER system address space has detected an error while parsing a CAMASTER parameter. The incorrect operand and keyword, if applicable, are conditionally shown in the message if this information can be determined.

Action:

Correct the CAMASTER parameter.

CAMS913E

KEYWORD *keyword* IS UNRECOGNIZED

Reason:

The CAMASTER system address space has detected an error while parsing a CAMASTER parameter.

Action:

Correct the CAMASTER parameter.

CAMS914E

KEYWORD *keyword* HAS ALREADY BEEN SPECIFIED ONCE

Reason:

The CAMASTER system address space has detected an error while parsing a CAMASTER parameter.

Action:

Correct the CAMASTER parameter.

CAMS915E

KEYWORD *keyword* IS AMBIGUOUS; IT COULD BE AN ABBREVIATION FOR *keyword* OR *keyword*

Reason:

The CAMASTER system address has detected an error while parsing a CAMASTER parameter.

Action:

Correct the CAMASTER parameter.

CAMS916E

KEYWORDS *keyword* AND *keyword* WERE BOTH SPECIFIED BUT THEY ARE MUTUALLY EXCLUSIVE

Reason:

The CAMASTER system address has detected an error while parsing a CAMASTER parameter.

Action:

Correct the CAMASTER parameter.

CAMS917E

ONE AND ONLY ONE OF THESE IS REQUIRED: *parameter, parameter, … , parameter*

Reason:

The CAMASTER system address has detected an error while parsing a CAMASTER parameter.

Action:

Correct the CAMASTER parameter.

CAMS918E

MORE PARAMETERS WERE SPECIFIED THAN THE *nn* THAT ARE ALLOWED; OPERAND: *operand* KEYWORD: *keyword*

Reason:

The CAMASTER system address has detected an error while parsing a CAMASTER parameter. The incorrect operand and keyword, if applicable, are conditionally shown in the message if this information can be determined.

Action:

Correct the CAMASTER parameter.

CAMS919E

THE ALLOWABLE LIMIT OF *nn* CHARACTERS WAS EXCEEDED BY *nn* CHARACTERS; OPERAND: *operand* KEYWORD: *keyword*

Reason:

The CAMASTER system address has detected an error while parsing a CAMASTER parameter. The incorrect operand and keyword, if applicable, are conditionally shown in the message if this information can be determined.

Action:

Correct the CAMASTER parameter.

CAMS920E

PARAMETER EXCEEDED MAXIMUM ALLOWABLE VALUE *nn*; OPERAND: *operand* KEYWORD: *keyword*

Reason:

The CAMASTER system address has detected an error while parsing a CAMASTER parameter. The incorrect operand and keyword, if applicable, are conditionally shown in the message if this information can be determined.

Action:

Correct the CAMASTER parameter.

CAMS921E

THE CHARACTER *c* IS AN ILLEGAL CHARACTER; OPERAND: *operand* KEYWORD: *keyword*

Reason:

The CAMASTER system address has detected an error while parsing a CAMASTER parameter. The incorrect operand and keyword, if applicable, are conditionally shown in the message if this information can be determined.

Action:

Correct the CAMASTER parameter.

CAMS922E

UNRECOGNIZED KEYCODE; AVAILABLE KEYCODES ARE: *keycode, keycode, … , keycode*; OPERAND: *operand* KEYWORD: *keyword*

Reason:

The CAMASTER system address has detected an error while parsing a CAMASTER parameter. The incorrect operand and keyword, if applicable, are conditionally shown in the message if this information can be determined.

Action:

Correct the CAMASTER parameter.

CAMS923E

KEYCODE *keycode* IS AMBIGUOUS; IT COULD BE AN ABBREVIATION FOR *keycode* OR *keycode*

Reason:

The CAMASTER system address has detected an error while parsing a CAMASTER parameter.

Action:

Correct the CAMASTER parameter.

CAMS929E

OPERAND IS REQUIRED BUT NOT SPECIFIED; OPERAND: *operand* KEYWORD: *keyword*

Reason:

The CAMASTER system address has detected an error while parsing a CAMASTER parameter. The incorrect operand and keyword, if applicable, are conditionally shown in the message if this information can be determined.

Action:

Correct the CAMASTER parameter.

CAMS930E

INVALID RANGE SPECIFICATION; *nnn* IS GREATER THAN *nnn*; OPERAND: *operand* KEYWORD: *keyword*

Reason:

The CAMASTER system address has detected an error while parsing a CAMASTER parameter.

Action:

Correct the CAMASTER parameter.

CAMS931E

BIT DISPLACEMENT *dd* EXCEEDS THE MAXIMUMALLOWED (*dd*) ; OPERAND: *operand* KEYWORD: *keyword*

Reason:

The CAMASTER system address has detected an error while parsing a CAMASTER parameter. The incorrect operand and keyword, if applicable, are conditionally shown in the message if this information can be determined.

Action:

Correct the CAMASTER parameter.

CAMS932E

PARAMETER IS LOWER THAN MINIMUM ALLOWED - *nnn*; OPERAND: *operand* KEYWORD: *keyword*

Reason:

The CAMASTER system address has detected an error while parsing a CAMASTER parameter. The incorrect operand and keyword, if applicable, are conditionally shown in the message if this information can be determined.

Action:

Correct the CAMASTER parameter.

CAMS933E

INVALID RANGE SPECIFICATION; *rrr* COLLATES HIGHER THAN *rrr*; OPERAND: *operand* KEYWORD: *keyword*

Reason:

The CAMASTER system address has detected an error while parsing a CAMASTER parameter. The incorrect operand and keyword, if applicable, are conditionally shown in the message if this information can be determined.

Action:

Correct the CAMASTER parameter.

CAMS934E

BIT PATTERN TO BE SET VIA KEYCODE TABLE ENTRY IS AT LEAST PARTIALLY SET; OPERAND: *operand* KEYWORD: *keyword*

Reason:

The CAMASTER system address has detected an error while parsing a CAMASTER parameter.

Action:

Correct the CAMASTER parameter.

CAMS935E

TOO MANY DIGITS TO RIGHT OF DECIMAL POINT; OPERAND: *operand* KEYWORD: *keyword*

Reason:

The CAMASTER system address has detected an error while parsing a CAMASTER parameter. The incorrect operand and keyword, if applicable, are conditionally shown in the message if this information can be determined.

Action:

Correct the CAMASTER parameter.

CAMS940E

LOGIC ERROR; INSUFFICIENT NUMBER OF SUBLIST LEVELS DEFINED ON THE "PSF INIT" MACRO; OPERAND: *operand* KEYWORD: *keyword*

Reason:

The CAMASTER system address has detected an internal error while parsing a CAMASTER parameter. The incorrect operand and keyword, if applicable, are conditionally shown in the message if this information can be determined.

Action:

Collect relevant documentation and contact CA Support.

CAMS941E

LOGIC ERROR; SPECIFICATION CONFLICTS; OPERAND: *operand* KEYWORD: *keyword*

Reason:

The CAMASTER system address has detected an internal error while parsing a CAMASTER parameter. The incorrect operand and keyword, if applicable, are conditionally shown in the message if this information can be determined.

Action:

Collect relevant documentation and contact CA Support.

Chapter 9: CAOP Messages

List of CAOP Messages

The following messages are produced by the Event Management function.

CAOP_E_500

Replyid invalid.

Reason:

Every message that has a reply outstanding is assigned a reply identifier. The reply identifier is a numeric integer and must be specified as such. This message indicates that the replyid you specified was not numeric. The probable cause is that you omitted replyid, and the first token of the reply text was interpreted as the replyid.

Action:

Correct the replyid and attempt the reply again.

CAOP_E_501

Replyid not found.

Reason:

The message you want to reply to (identified by the reply ID you specified) is not currently waiting for a reply. Probable causes are that you did not enter the reply ID correctly, or another console user has already replied to the outstanding message.

Action:

If an invalid reply ID was specified, correct the reply ID and resubmit. If another user has already replied, no further action is necessary.

CAOP_E_502

Unexpected error: *nn*.

Reason:

An unexpected error occurred.

Action:

This message is typically accompanied by additional messages that more fully describe the nature of the error. For assistance, contact CA Support at http://ca.com/support.

CAOP_E_503

GOTO Action failed - skipping all other Actions - Seq # = *nn*.

Reason:

An unexpected error occurred.

Action:

Investigate Action text, processing Actions, and the return code.

CAOP_E_504

Console process on node *xx* not receiving.

Reason:

An error occurred attempting to communicate with the console process through the CAICCI services.

Action:

Start console node *xx* or correct node *xx* so it can receive.

For NetWare:

Reason:

Event Management services are not running on the Windows NT server *nnnnnnnn*.

Action:

Start Event Management on the servers using the following commands:

- On NetWare, use **LOAD UNISTART**
- On Windows NT, use **unicntrl start com opr**

Retry the operation. If it continues to fail, test the network connection from NetWare to the Windows NT server by using the following command:

`LOAD OPRPING` *nnnnnnnn* `2 Hello Substitute` *nnnnnnnnnn*

with the name of the Windows NT server to which you need to check connectivity.

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

CAOP_E_505

For Windows and Tandem:

Action *xxxxxxxx* failed - rc = *nn*.

Reason:

An error occurred attempting to execute an Action.

Action:

Investigate the Action text and the return code.

For UNIX:

Remote node *xxxxxxxx* is not authorized to submit UNIXSH or UNIXCMD message Actions to node *xxxxxxxx* with RUNID *xxxxxxxx*.

Reason:

$CAIGLBL0000/opr/config/hostname/actnode.prf policy file denies this node or RUNID to submit UNIXSH or UNIXCMD message actions.

Action:

Modify the actnode.prf file to allow that node or user to submit UNIXSH or UNIXCMD type message actions.

CAOP_E_506

For Windows:

Duplicate record - Message ID already defined.

Reason:

The specified message ID is already on the database.

Action:

Check the spelling of the message ID or select a different ID and reissue the command.

For UNIX:

RUNID *xxxxxxx* is not authorized to submit UNIXSH or UNIXCMS message Actions to local host. Event Management Messages 11–3

Reason:

$CAIGLBL0000/opr/config/hostname/actnode.prf policy file denies this node or runid to submit UNIXSH or UNIXCMD message Actions.

Action:

Modify the actnode.prf file to allow that node or user to submit UNIXSH or UNIXCMD type message Actions.

CAOP_E_507

For Windows:

Invalid NODE specified for SENDOPR or SENDKEEP <*date*>.

Reason:

The node specified is not defined, or you are sending to the same node that you are on.

Action:

Make sure the node is defined, and it is not the same node as the one you are on. Resubmit your request.

For UNIX:

The $CAIGLBL0000/opr/config/hostname/actnode.prf file has incorrect permissions, a non-root user has write authority. Message Action aborted.

Reason:

The $CAIGLBL0000/opr/config/hostname/actnode.prf file has incorrect permissions. A nonroot user has write authority.

Action:

Change the actnode.prf permissions to -rw-r--r--.

CAOP_E_508

Invalid value in field WCMANY (Wildcard Character Multiple).

Reason:

The value specified for the wildcard multiple character is invalid.

Action:

Correct the value entered for WCMANY and resubmit your request.

CAOP_E_509

Invalid value in field WCSINGLE (Wildcard Character Single).

Reason:

The value specified for the wildcard single character is invalid.

Action:

Correct the value entered for WCSINGLE and resubmit your request.

CAOP_E_511

Invalid option '<*opt*>' in command '<*cmd*>'.

Reason:

Invalid prefix option was specified for command.

Action:

Use only the following options before cmd:

- INT
- MAX
- MIN
- Dpath
- SEP
- LO
- NORM
- HIGH
- DET

CAOP_E_512

Failed to start command '<*cmd*>', rc=<*rc*>.

Reason:

Event Manager could not start command <*cmd*>. Common Reasons: <*rc*>=2 means <*cmd*> not found.

Action:

For rc=2, specify the right command name, including path if not in system PATH var. Use 'net helpmsg <*rc*>' for more info.

CAOP_E_513

Command execution denied: not authorized by security.

Reason:

Previous command was not executed because the users were not authorized to execute command.

Action:

If user can enter commands from Event Console and Event Management security is active, create a permission rule for user for asset-type CA-CONSOLE-COMMAND.

CAOP_E_514

Wait time for available thread exceeded, threads=<*n*> - Actions not performed.

Reason:

Too many Event Manager threads were active at one time.

Action:

If this recurs, increase 'Max # of threads' setting. For assistance, contact CA Support at http://ca.com/support.

CAOP_E_515

Cannot create thread, rc=<*rc*> - Actions not performed.

Reason:

Event Manager could not create thread to perform Actions.

Action:

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

CAOP_E_516

User '<*user*>' is not authorized to modify RUNID.

Reason:

User <*user*> does not have the permission to define or alter msg Actions to run on behalf of different user id.

Action:

If user should be able to do that, add permission (asset-type - CA-EVENT-RUNID).

CAOP_E_517

User '<*user*>' does not belong to Administrators and is not authorized to modify '<*component*>'. Windows Only

Reason:

User <*user*> does not belong to Administrators group and does not have the permission to define, alter, delete, rename, and copy database records for <*component*>.

Action:

If the user should be able to do that, add <*user*> to the Administrators group.

CAOP_E_518

<*cmd*>: invalid option '<*opt*>'.

Reason:

Command <*cmd*> does not support the option <*opt*>.

Action:

Review the documentation for the command and correct or omit the option.

CAOP_E_519

Error occurred in External function '<*lib*>(<*func*>)', code '0x<*code*>'.

Reason:

While processing an external action, Event Manager intercepted an error code <*code*> in function <*func*> in library <*lib*>.

Action:

Action is ignored. Correct the problem in function.

CAOP_E_520

Cannot load DSB file '<*name*>', '<*func*>' rc=<*rc*>.

Reason:

Event Manager cannot load the Decision Support Binary (policies) file <*name*> that contains the msgrec and msgact definitions. Most common <*rc*> is 2 - file not found.

Action:

Give the correct path of the DSB file ('Copy of msg_db' setting), and restart Event.

CAOP_E_521

Cannot save to DSB file '<*file*>', '<*func*>' rc=<*rc*>.

Reason:

Event Manager could not save a copy of the policies to the specified <*file*>.

Action:

Verify the directory exists, drive has enough space, and userid can create file in directory.

CAOP_E_522

Cannot find function '<*func*>' in External library '<*lib*>' - Action bypassed.

Reason:

While processing an External Action the Event Manager could not find the requested function <*func*> in library <*lib*>.

Action:

Action is bypassed. Make sure function in Action text is correctly spelled (case sensitive).

CAOP_E_523

Cannot load External library '<*lib*>', <*reason*>.

Reason:

While processing an External Action, or 'emlib load' command the Event Manager could load the requested library <*lib*>. The most common reason for this message to appear is that the system cannot find the file specified. Either <*lib*> is misspelled or cannot be located using system PATH.

Action:

Correct the spelling, put library in the product 'bin' directory, or add a directory where library is located to system PATH.

CAOP_E_524

Cannot load exits library '<*library*>', rc=<*rc*>.

Reason:

Event Manager user exits library <*name*> could not be loaded. Common <*rc*> 126 = The specified module could not be found.

Action:

For rc=126 correct the name in 'Name of user exits library' to name of library that exists, or make sure the directory where library located is in the system path.

CAOP_E_525

Cannot find exit '<*name*>' in library '<*lib*>' - exit disabled.

Reason:

While loading user exits library <*lib*>, the required function <*name*> could not be found in library.

Action:

If the exit is not needed, then disable it by changing the setting '<*name*> exit control' to OFF; otherwise, add this function to library.

CAOP_E_526

Error occurred in exit '<*name*>', code '0x<*code*>'.

Reason:

Event Manager captured a program error (exception) <*code*> in user exit <*name*>.

Action:

Correct the problem in exit <*name*>.

CAOP_E_527

EMEXIT: cannot enable exit '<*name*>', function not defined in library.

Reason:

'EMEXIT <*name*> ON' could not be executed, the function is not defined in library.

Action:

Create a function in user exit library.

CAOP_E_528

Error verifying log record at offset <*offset*>.

Reason:

OPRFIX program found an invalid or corrupt log record at offset <*offset*>.

Action:

No action is required.

CAOP_E_530

Connection to repository '<*name*>' failed, rc=<*rc*>.

Reason:

Event Manager WorldView Status Change connection to repository <*name*> failed.

Action:

Verify 'Repository Name' is set correctly, and consult the WorldView documentation for <*rc*>.

CAOP_E_531

TNGWV function '<*name*>' failed, rc=<*rc*>.

Reason:

WorldView function <*name*> failed with rc <*rc*>.

Action:

Consult the WorldView documentation for <*rc*>.

CAOP_E_532

WIN32 function '<*name*>' failed, rc=<*rc*>.

Reason:

Event Manager call to WIN32 function <*name*> failed wit rc <*rc*>.

Action:

Normally accompanied by other messages. Use 'net helpmsg <*rc*>' for more info.

CAOP_E_533

Error during text substitution. <*text*>. Command not processed.

Reason:

Event Manager encountered an error while processing backquote data, either because of an unmatched backquote, a command failure or timeout, an excessively long output string, or a memory shortage condition.

Action:

Modify the backquote text to correct the problem and retry.

CAOP_E_534

Cannot logon user <*user*> <*reason*>. While processing a command or a COMMAND Action, Event Manager tried to logon <*userid*> and failed.

Some common reasons and the actions to take are as follows:

Reason 1:

The message displayed due to an extract error.

Action:

No password was defined for RUNID or 'default pswd', and pswd cannot be extracted for Event Management Security. The userid was not defined through Event Management Security.

Reason 2:

The message displayed due to a required privilege not held by client.

Action:

- Host userid (CAUNINT) needs three privileges to be able to log on users. Use the User Manager utility to add the following privilege to CAUNINT:
  - "Act as part of the operating system" (SeTcbPrivilege)
  - "Increase quotas" (SeIncreaseQuota)
  - "Replace a process level token" (SeAssignPrimary)

Reason 3:

The message displayed due to a logon failure: unknown user name or bad password.

Action:

Provide the correct userid and password in the RUNID and RUNPSWD fields of msg-Action, or "Default user id for running cmds"/"Default pswd for running cmds" in settings.

CAOP_E_535

Invalid IF expression (message record <*token*>). <*text*>. Treated as FALSE.

Reason:

The expression could not be successfully evaluated due to one or more errors, such as missing parentheses, premature end of expression, or invalid operators.

Action:

Correct the expression text and retry.

CAOP_E_536

Invalid TEST expression (Action record <*token*>, seq <*seqno*>). <*text*>. Treated as FALSE.

Reason:

The expression could not be successfully evaluated due to one or more errors, such as missing parentheses, premature end of expression, or invalid operators.

Action:

Correct the expression text and retry.

CAOP_E_540

CMD_NAME: Invalid option -OPTION.

Reason:

Option specified is not valid for CMD_NAME.

Action:

Try CMD_NAME with no options for help. See the online *Reference Guide* for CMD_NAME.

CAOP_E_541

CMD_NAME: Missing value for option -OPTION.

Reason:

The option OPTION needs a value.

Action:

Supply the missing value. Example: cawto -n -k Hello No value was supplied for option –n.

CAOP_E_542

CMD_NAME: Invalid value VALUE for option -OPTION.

Reason:

The VALUE is not valid for option OPTION.

Action:

Supply the correct value. Example: cawto -c Indigo Hello Indigo is valid for -c option.

CAOP_E_543

Cannot load Database library LIBRARY_NAME, DETAILS_TEXT.

Reason:

Event Process or utility could not load the specified library.

Action:

This is a probable installation error, configuration error, or the product BIN directory is not in the path.

CAOP_E_544

Cannot find Database function FUNCTION_NAME in library LIBRARY_NAME.

Reason:

The specified database function could not be found in library.

Action:

This is a probable installation error, configuration error, or the product BIN directory is not in the path.

CAOP_E_LIOERR

***xx* error, file: *xx*.**

Reason:

Unexpected I/O error.

Action:

This message is typically accompanied by additional messages that more fully describe the nature of the error. For assistance, contact CA Support at http://ca.com/support.

CAOP_E_PLFSPI_A_SPI

Error occurred on a call to *xxx* for collector *xxx*.

Reason:

An internal SPI error has occurred.

Action:

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

CAOP_E_SYSERR

Error calling system service: *xx*.

Reason:

Unexpected error calling the named system service.

Action:

This message is typically accompanied by additional messages that more fully describe the nature of the error. For assistance, contact CA Support at http://ca.com/support.

CAOP_F_210

***xxxxxx* failed. SEQUENCE NUMBER is out of range (1 - 32767).**

Reason:

The sequence number is less than one or greater than 32767.

Action:

Enter a sequence number that is within the range of 1-32767.

CAOP_F_400

***xx* failed. Either MSGID or MSGTKN required.**

Reason:

The indicated action cannot be performed because it requires that an associated MESSAGE RECORD profile be identified, and no identification (through MSGID or MSGTKN) was provided.

Action:

Supply a valid message ID or message token and resubmit the command.

CAOP_F_401

***xx* failed. *xx* is not a valid TYPE.**

Reason:

The valid message types are command and message; the value you specified is not one of these valid types.

Action:

Supply a valid type and resubmit the command.

CAOP_F_403

Database OPEN failed. tmsDBrc=*hhhhhhhh*.

Reason:

The database cannot be accessed at this time. Two common reasons are:

- You are not authorized to connect to the database CAIOPRDB.
- The database CAIOPRDB is not started.

Action:

Using the CAIDB STATUS CAIOPRDB command, verify that the database CAIOPRDB has been started. If it has not been started, you can start it using the command:

```
CAIDB START CAIOPRDB
```

This message is typically accompanied by additional messages that more fully describe the nature of the error. Contact your system administrator to assist you in resolving the problem. For assistance, contact CA Support at http://ca.com/support.

CAOP_F_404

Work-unit begin failed. tmsDBrc=*hhhhhhhh*.

Reason:

An error occurred while attempting to process your request as a Logical Unit of Work. This is usually indicative of a problem accessing the Event Management database CAIOPRDB.

Action:

Contact your system administrator. Typically, terminating and restarting the process that is issuing this message corrects the problem. CA Support should also be contacted because this message is usually indicative of a subtle programming error. For assistance, contact CA Support at http://ca.com/support.

CAOP_F_405

Work-unit end failed. tmsDBrc=*hhhhhhhh*.

Reason:

An error occurred while attempting to complete your request as a Logical Unit of Work. This is usually indicative of a problem accessing the database CAIOPRDB.

Action:

Contact your system administrator. Typically, terminating and restarting the process that is issuing this message corrects the problem. CA Support should also be contacted because this message is usually indicative of a subtle programming error. For assistance, contact CA Support at http://ca.com/support.

CAOP_F_406

Database CLOSE failed. tmsDBrc=*hhhhhhhh*.

Reason:

This message could have multiple causes.

Action:

Verify that the database has been started. If the database has not been started, you will not be able to issue the CLOSE command. If the database has already been started, check the SQL messages and return codes and take the appropriate action.

CAOP_F_408

xx failed. *xx*=*xx*.

Reason:

Command failed on the specified message ID.

Action:

Check the preceding messages and take appropriate action.

CAOP_F_409

***xx* failed while retrieving unique MSGTKN.**

Reason:

This command failed on the specified message token.

Action:

Check the preceding messages and take appropriate action.

CAOP_F_410

MSGID is required for DEFINE.

Reason:

An attempt was made to add a message without specifying the message ID.

Action:

Include the message ID and retry the DEFINE command.

CAOP_F_411

***xx* failed. Could not fetch MODEL, *xx*=*xx*.**

Reason:

The message that you want to copy cannot be found.

Action:

Make sure the token for the message you want to copy is correct. If the MODEL token is correct, there could be a database problem; check the preceding messages and take appropriate action.

CAOP_F_412

***xx* failed. Could not construct unique MSGTKN.**

Reason:

This message may be the result of database contention due to heavy system usage and multiple, successive reads from the database.

Action:

Try again later.

CAOP_F_413

***xx* failed. *xx*=*xx*.**

Reason:

An invalid message token ID was probably specified.

Action:

Check the message token ID and resubmit the command.

CAOP_F_414

Database OPEN CURSOR failure on *xx*.

Reason:

An error occurred while attempting to start your request as a Logical Unit of Work. This is usually indicative of a problem accessing the Event Management database CAIOPRDB.

Action:

Contact your system administrator. Typically, terminating and restarting the process that is issuing this message corrects the problem. CA Support should also be contacted because this message is usually indicative of a subtle programming error. For assistance, contact CA Support at http://ca.com/support.

CAOP_F_415

tmsDBrc=*hhhhhhhh*.

Reason:

An error occurred while attempting to start your request as a Logical Unit of Work. This is usually indicative of a problem accessing the Event Management database CAIOPRDB.

Action:

Contact your system administrator. Typically, terminating and restarting the process that is issuing this message corrects the problem. CA Support should also be contacted because this message is usually indicative of a subtle programming error. For assistance, contact CA Support at http://ca.com/support.

CAOP_F_416

Database CLOSE CURSOR failure on *xx*.

Reason:

An error occurred while attempting to complete your request as a Logical Unit of Work. This is usually indicative of a problem accessing the database CAIOPRDB.

Action:

Contact your system administrator. Typically, terminating and restarting the process that is issuing this message corrects the problem. CA Support should also be contacted because this message is usually indicative of a subtle programming error. For assistance, contact CA Support at http://ca.com/support.

CAOP_F_417

FETCH failure during SELECT on *xx* table.

Reason:

Caused by database irregularities.

Action:

Check the SQL messages and return codes that follow to take the appropriate action.

CAOP_F_418

Report INIT failed. No memory.

Reason:

A request to allocate virtual memory required to generate the report you requested has failed. Typically, failures of this nature are caused by insufficient memory available to process this request. It is highly probable that additional system swap space must be allocated, or this request should be run when the system is less busy and typically, system virtual memory limits are less stressed.

Action:

Consult your system administrator. Additional swap space may need to be defined. For assistance, contact CA Support at http://ca.com/support.

CAOP_F_419

QREPORT failed on *xx*. rc=*nn*.

Reason:

An error was encountered while attempting to process your request. The return codes indicate the probable cause.

Action:

This message is typically accompanied by additional messages that more fully describe the nature of the error. For assistance, contact CA Support at http://ca.com/support.

CAOP_F_420

Report not initialized. *xx* failed.

Reason:

The report was not initialized prior to executing the command.

Action:

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

CAOP_F_421

***xx* failed. *xx*=*xx*, *xx*=*xx*.**

Reason:

Processing of the message Action indicated by message token and sequence number has failed.

Action:

This message is typically accompanied by additional messages that more fully describe the nature of the error. For assistance, contact CA Support at http://ca.com/support.

CAOP_F_422

***xx* failed. Complete NAME(MSGTKN,SEQNO) is required.**

Reason:

Processing of the message Action has failed because the message Action was not properly identified. The complete message Action name, message token (MSGTKN), and sequence number (SEQNO) are required.

Action:

Supply the message token and sequence number and resubmit the command.

CAOP_F_423

***xx* failed. *xx=xx* is invalid.**

Reason:

An attempt to process the indicated command has failed, as an invalid value was specified for a field or consolend.

Action:

Correct the invalid field and resubmit the command.

CAOP_F_424

***xx* failed. Could not get current TOKEN.**

Reason:

The message token you specified, as part of the identification of the message record with which this message Action is associated, is invalid.

Action:

Correct the token ID and resubmit your command. For assistance, contact CA Support at http://ca.com/support.

CAOP_F_425

***xx* failed. Could not get SEQUENCE NUMBER.**

Reason:

The sequence number you specified as part of the identification of the message Action is invalid.

Action:

Correct the sequence number and resubmit your command. For assistance, contact CA Support at http://ca.com/support.

CAOP_F_426

ALTER failed. Record not found.

Reason:

The record to be updated cannot be found. The probable cause is that you have incorrectly identified the record to be updated.

Action:

Correct the invalid field and resubmit the ALTER command.

CAOP_F_427

DEFINE failed. Model record not found.

Reason:

The MODEL consolend can be used to identify an existing record that should be used as a template, or model, when defining a new record. The record you specified as being the model record does not exist. The probable cause is that you have incorrectly identified the record to be updated.

Action:

Correct the invalid field and resubmit the DEFINE command.

CAOP_F_429

No records met SELECT criteria.

Reason:

You supplied a selection criteria that does not match any available records.

Action:

Adjust your criteria, then resubmit the SELECT command.

CAOP_F_430

Report *xx* failed opening *xx* for input.

Reason:

Your requested template file does not exist; it may have been erased.

Action:

Make sure that the $CA_REPORT environment variable is valid. If it is and the problem persists, save the return code and contact CA Support. For assistance, contact CA Support at http://ca.com/support.

CAOP_F_431

Console Process Create Event Semaphore for threads failed.

Reason:

This is an internal error.

Action:

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

CAOP_F_434

***xx* failed. *xx*.**

Reason:

This is a general failure. See the accompanying message for more information.

Action:

See the Action of the accompanying message.

CAOP_F_435

<*cmd*> failed. Specifying both MSGID and MSGTKN is invalid.

Reason:

User specified MSGID and MSGID on <*cmd*>.

Action:

User MSGID or MSGTKN to qualify record.

CAOP_F_436

<*cmd*> failed. MSGTKN (msg-token) value must be numeric digits.

Reason:

The ALTER, DEFINE, or DELETE command failed, msg-token was not numeric.

Action:

Reenter the numeric msg-token.

CAOP_F_437

Error saving/restoring to file <*log*>.

Reason:

OPRFIX encountered an error while copying to, or renaming back a set of backup log files.

Action:

Make sure there is enough space on drive, or user running OPRFIX has write access to directory.

CAOP_F_438

Error opening file <*file*>.

For Windows:

Reason:

OPRFIX: An error occurred attempting to open Log file <*file*> for processing. The path name given was wrong, the file header data was invalid, or Event Management is active.

Action:

Shutdown the Event Manager if the current log file is given or retry OPRFIX with the correct path name for log:

```
'c:\tngem\logs\20010215.LOG'
```

For UNIX:

Reason:

An error occurred attempting to open Log file <*file*> for processing. The probable cause is either the path name given was wrong or the log file does not exist.

Action:

Make sure CAI_CONLOG is set correctly to $CAIGLBL0000/opr/logs in the $CAIGLBL0000/opr/scripts/envusr file and that the four $CAIGLBL0000/opr/logs/*pfx*.CM*yymmdd* files exist for the applicable date.

Note: *pfx* represents the log file prefix, opano, opldx, oplog, or opldx. CM*yyddmm* represents the year, month, and day the log file was created.

CAOP_F_439

Error writing to file <*file*>.

Reason:

OPRFIX encountered an error while fixing the log file because of space or because other processes were using the file.

Action:

Make sure that Event Manager is not active or make sure enough space is available on the drive for a copy of log files. Correct and retry.

CAOP_F_440

Log file <*file*> could not be fixed - error writing to file.

Reason:

OPRFIX could not fix log file <*file*> because of one or more previous errors.

Action:

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

CAOP_F_441

Log file <*file*> could not be fixed - error changing file size.

Reason:

OPRFIX could not truncate a corrupted log file.

Action:

Make sure that Event Manager is not active or make sure enough space is available on the drive for a copy of log files. Correct and retry.

CAOP_F_442

Syntax error: Supply \path\filename or omit arguments for current log file.

Reason:

OPRFIX was given too many parameters.

Action:

Supply \path\filename or omit arguments for current log file, and rerun.

CAOP_F_ALRDYACTIV

Process already active (pid=*xx*).

Reason:

An attempt was made to start a system that is already active.

Action:

This is an information message; no action is required.

CAOP_F_BDSFAIL

Burst Suppression failed for collector *xxx* (spi rc = *xxx*, filt rc = *xxx*, Reason rc = *xxx*).

Reason:

The CAOPT parameter that is set for this feature may be set to an invalid value.

Action:

Check the parameter in CAOPT script and verify the value. If a change is needed an OPRELOAD will have to be run to make the changes effective. For assistance, contact CA Support at http://ca.com/support.

CAOP_F_CCIERR

***xx* error (Prc=*nn* Src=*nn* Drc=*nn*): *xx*.**

Reason:

This message indicates that an error was returned by the CAICCI.

Action:

This message is typically accompanied by additional messages that more fully describe the nature of the error. For assistance, contact CA Support at http://ca.com/support. For error code definitions, see Primary, Secondary and Error Codes.

CAOP_F_COLOPEN

Collector *xxx* could not be opened (error = *xxx*).

Reason:

The prelog filtering or burst suppression detection process could not open the specified collector.

Action:

Check the error code returned by the message and take the appropriate action.

CAOP_F_DBFAIL

Message database (re)load failure: rc=*nn*.

Reason:

An attempt to reload the incore images of the Event Management policies defined in the CAIOPRDB database has failed.

Action:

This message is typically accompanied by additional messages that more fully describe the nature of the error. For assistance, contact CA Support at http://ca.com/support.

For NetWare:

Reason:

This will only occur the first time you run Event Management on NetWare and indicates that Event Management has not been started on the Windows NT server.

Action:

Start Event Management on the Windows NT server.

CAOP_F_ENVNOTSET

Environment variable *xx* not set or invalid (*xx*).

Reason:

The Event Management function has detected that one of the environment variables that identify key processing control options is not properly set. This is usually indicative of Event Management not being started properly.

Action:

Contact your system administrator who should confirm that the Event Management function was started correctly. For assistance, contact CA Support at http://ca.com/support. If Event Management was started correctly, then examine Event Management configuration options, accessible from the Configuration folder window.

CAOP_F_INTERNAL

Internal error: *xx*.

Reason:

An unexpected internal error condition has been detected.

Action:

This message is typically accompanied by additional messages that more fully describe the nature of the error. For assistance, contact CA Support at http://ca.com/support.

For NetWare:

Reason:

This occurs when CAICCI is not started on the NetWare machine.

Note: This error can also occur on the Windows NT machine.

Action:

Start CAICCI on the platform on which the error occurred through the following command: LOAD UNISTART

CAOP_F_MEMFAILURE

Memory allocation failure.

Reason:

A request to allocate virtual memory required to process has failed. Typically, failures of this nature are caused by insufficient memory available to process this request.

Action:

Consult your system administrator. For assistance, contact CA Support at http://ca.com/support.

CAOP_F_PLFFAIL

Pre-log filtering failed for collector *xx* (spi rc = *xx*, filt rc = *xx*, Reason rc = *xx*).

Reason:

One or more of the valid SPI tokens entered for the message records was invalid.

Action:

Verify that all of the SPI tokens are valid, and fix the message record definitions. Issue another OPRELOAD command. For assistance, contact CA Support at http://ca.com/support.

CAOP_F_PLFSQL

An SQL error has occurred during pre-log filter initialization (sqlcode = *xx*).

Reason:

There was an error code in the filtering process.

Action:

Check the sqlcode error code by using the SQLCI interface or in the TANDEM documentation for SQL errors. Fix the problem and reissue.

CAOP_I_091

Log file <*file*> was deleted.

Reason:

The Event Management service provider deleted the specified console log file during clean-up processing. The log file name can be defined as follows:

- CM*yymmdd.sfx* (Windows)
  - CM*yymmdd* indicates the year, month, and day the log file was created.
  - *sfx* indicates the log file suffix, which can be LOG, IDX, or LDX.
- *pfx*.CM*yymmdd* (UNIX)
  - *pfx* indicates the log file prefix, which can be opano, opldx, oplog, or opldx.
  - CM*yymmdd* indicates the year, month, and day the log file was created.

Action:

This is an informational message; no action is required.

CAOP_I_093

OPRCMD: (NODE) *command text command text*.

Reason:

This message displays the syntax of the command entered.

Action:

This is an informational message; no action is required.

CAOP_I_094

CAREPLY: (*node*) *reply_id* (*text*..) *reply_id* (*text*..).

Reason:

This message displays the syntax of the command entered.

Action:

This is an informational message; no action is required.

CAOP_I_095

CAWTOR: (*node*) *message text message text*.

Reason:

This message displays the syntax of the command entered.

Action:

This is an informational message; no action is required.

CAOP_I_096

CAWTO: (*node*) *message text message text*.

Reason:

This message displays syntax of the command entered.

Action:

This is an informational message; no action is required.

CAOP_I_097

Simulation Message ID ==>.

Reason:

This message is issued when a user wants to simulate an Action in response to a console message. The effect of the Action is shown without actually performing the Action.

Action:

This is an informational message; no action is required.

CAOP_I_098

Simulating Action keyword *xx.nn*, Action text follows:

Reason:

This message is issued when a user wants to simulate an Action in response to a console message. The effect of the Action is shown without actually performing the Action.

Action:

This is an informational message; no action is required.

CAOP_I_099

OPRFIX log file file text.

Reason:

The OPRFIX utility has completed processing and the status of the identified log file is displayed. The OPRFIX utility can be used to repair damaged console log files. If the log file is successfully fixed, the number of patches applied to the file is displayed in the message.

Action:

This is an informational message; no action is required.

CAOP_I_600

Database was loaded from DSB file '<*name*>'.

Reason:

Response after start-up or OPRELOAD command. Event Manager was directed to load policies from a DSB file and not from database.

Action:

This is an informational message; no action is required.

CAOP_I_601

External library '<*lib*>' loaded <*load-date*>, used <*num*>, last used <*used-date*>.

Reason:

Response to 'emlib status' command. <*used*> specifies the number of times the library was used by an EXTERNAL action.

Action:

This is an informational message; no action is required.

CAOP_I_602

External library '<*lib*>' freed, last used <*last-used-date*>.

Reason:

Response to 'emlib free' command, or during shutdown.

Action:

This is an informational message; no action is required.

CAOP_I_603

External library '<*lib*>' was loaded.

Reason:

Response to 'emlib load ' command.

Action:

This is an informational message; no action is required.

CAOP_I_605

Exit '<*name*>' was enabled by user '<*userid*>'.

Reason:

Response to "EMEXIT <name> ON' command.

Action:

This is an informational message; no action is required.

CAOP_I_606

Exit '<*name*>' was disabled by user '<*userid*>'.

Reason:

Response to "EMEXIT <*name*> OFF' command.

Action:

This is an informational message; no action is required.

CAOP_I_607

Exit '<*name*>' is active.

Reason:

Response to "EMEXIT status' command.

Action:

This is an informational message; no action is required.

CAOP_I_608

Exit '<*name*>' is not active, disabled by user '<*userid*>' on <*date*>.

Reason:

Response to "EMEXIT status' command.

Action:

This is an informational message; no action is required.

CAOP_I_609

Exit '<*name*>' is not active, disabled because of '<*Reason*>' on <*date*>.

Reason:

Response to "EMEXIT status' command. <*Reason*> can be:

- InitOption—Disabled because of setting '<*name*> exit control'
- LoadError—Disabled because <*name*> could not be found in exit library
- ExitError—Disabled because more than 'Number of errors allowed per exit' was exceeded

Action:

For ExitError, correct exit <*name*> in the library.

CAOP_I_610

Exit '<*name*>' calls=<*#calls*>, skips=<*#skips*>, mods=<*#mods*>, aborts=<*#aborts*>, errors=<*#errors*>.

Reason:

Response to "EMEXIT status' command.

Action:

Examine exits that have <*#errors*> greater than 0.

CAOP_I_611

Exit library '<*name*>' was loaded on <*date*>, max errors=<*errors*>.

Reason:

Response to 'EMEXIT status' or during start-up. <*errors*> indicates the maximum number of errors allowed before any exit in library is disabled.

Action:

This is an information message; no action is required.

CAOP_I_612

Log file <*name*> is not damaged - index files rebuilt."

Reason:

OPRFIX did not find any errors in the log file; its index files were compressed and rebuilt.

Action:

This is an informational message; no action is required.

CAOP_I_613

User *xxxx* was logged off, was active since *xxxx xxxx*.

Reason:

EMUSER logoff or Event Management shutdown.

Action:

This is an informational message; no action is required.

CAOP_I_614

User *xxxx* is logged on since *xxxx xxxx*.

Reason:

EMUSER status response.

Action:

This is an informational message; no action is required.

CAOP_I_615

<*cmd*>: no match for '<*object/mask*>'.

Reason:

Command <*cmd*> could find a match for <*object*> or <*mask*>.

Action:

No object exists. Reenter the new <*mask*> or <*object*> if not typed correctly.

CAOP_I_666

Status Change, Name: <*object*> Class: <*class*> Status: <*status*> Severity: <*sev*> Repository: <*repository*>.

Reason:

Event Manager WorldView Status Change monitors reports status change for <*object*>.

Action:

No Event Management Action is needed. Refer to the <*class*> and <*object*> component for further information.

CAOP_I_672

POEMS interface is not active.

Reason:

Displayed during 'EMPOEMS Stat' or 'EMPOEMS Stop' command if the POEMS interface is not active.

Action:

This is an information message; no action is required.

CAOP_I_673

POEMS interface is active, type=<*type*>.

Reason:

Displayed during Event Manager startup or during EMPOEMS Start and Stat commands if POEMS interface is active. <*type*> can be All or Selective.

Action:

This is an informational message; no action is required.

CAOP_I_674

Active since <*SINCE*>, number of events sent is <*#EVENTS*>.

Reason:

Displayed as a result of 'EMPOEMS Stat' command. <*SINCE*> the locale-specific date and time the POEMS interface was started. It is the Event Manager Daemon start time or time the last 'EMPOEMS Start' was successfully executed. <*#EVENTS*> indicates the number of events forwarded to POEMS for processing since the interface was started.

Action:

This is an informational message; no action is required.

CAOP_I_675

POEMS interface started by '<*USERID*>'.

Reason:

Displayed as a result of 'EMPOEMS Start' command. <*USERID*> is the userid that tried to start the POEMS interface.

Action:

This is an informational message; no action is required.

CAOP_I_676

POEMS interface stopped by '<*USERID*>'.

Reason:

Displayed as a result of 'EMPOEMS Stop' command. <*USERID*> is the userid that tried to stop the POEMS interface.

Action:

This is an informational message; no action is required.

CAOP_I_ACKED

***original message*.**

Reason:

This message may be logged when a held message is acknowledged or replied to AND the 'CAOP_I_ACKED' is trapped by one or more policy records.

Action:

To disable logging of this message, add a DISCARD Action to the policy record used to trap this message.

CAOP_I_BDSINIT

Burst Suppression initialized for collector *xx*.

Reason:

The Burst Suppression feature has started for the collector *xx*.

Action:

This is an informational message; no action is required.

CAOP_I_DAEMONINIT

Console Process initialized on *xx*.

Reason:

This message displays after the completion of process initialization and indicates to the server that the process was initialized.

Action:

This is an informational message; no action is required.

CAOP_I_DAEMONTERM

Console Process terminated by signal *nn*.

Reason:

The Event Management process is shutting down in response to receiving a signal. This message may also be issued in response to a STOPUNI command.

Action:

This is an informational message; no action is required.

CAOP_I_DBCACHED

Database (re)loaded on *xx*.

Reason:

The reloading of incore images of the Event Management policies defined in the CAIOPRDB database has completed successfully. The reload is typically performed during initialization of the Event Management process and in response to a opreload command being entered through the console dialog, or the OPRCMD command.

Action:

This is an informational message; no action is required.

CAOP_I_MSGACK

***xx* message no longer outstanding after *xx*.**

Reason:

A console message that had a reply pending, or was sent to the console with a keep option, has been deleted or answered.

Action:

This is an informational message; no action is required.

CAOP_I_MSGRDRINIT

Message reader initialized on *xx*.

Reason:

This message indicates that the Event Management process responsible for receiving console messages has completed initialization and is ready to process.

Action:

This is an informational message; no action is required.

CAOP_I_MSGRDRNOTACT

Message reader no longer active (pid was *nn*).

Reason:

This message indicates that during startup, the Event Management message reader process found that a pid file existed for a previously active message reader process. Further analysis indicated, however, that the process identified through the pid (Process ID included in the message) is no longer active. This is usually caused by an untimely system shutdown that caused the prior message process pid file to be left intact (it is cleaned up during normal shutdown). The Event Management message reader process will continue initialization and correct the pid file automatically.

Action:

This is an informational message; no action is required.

CAOP_I_MSGRDRTERM

Message reader terminated by signal *nn*.

Reason:

The Event Management message reader process is shutting down in response to receiving a soft kill (signal 15). This message may also be issued in response to a unishutdown command.

Action:

This is an informational message; no action is required.

CAOP_I_PLFINIT

Pre-log filtering initialized for collector *xxx*.

Reason:

The prelog filtering feature has started against the collector *xxx*.

Action:

This is an informational message; no action is required.

CAOP_I_REPLYISSUED

Reply issued by *xx@xx* :*xx*.

Reason:

A message that had an outstanding reply pending has had that reply satisfied by the named user at the indicated time.

Action:

This is an informational message; no action is required.

CAOP_W_100

Console Process is not using the Event Management database.

Reason:

The console process was started with the NODB parameter, or the database is not started.

Action:

This is an informational message; no action is required.

CAOP_W_101

Log file <*file*> was not deleted, rc=*nn*.

Reason:

The Event Management service provider could not delete the specified console log file during clean-up processing. The log file name <*file*> can be defined as follows:

- CM*yymmdd.sfx* (Windows)
  - CM*yymmdd* indicates the year, month, and day the log file was created.
  - *sfx* specifies the log file suffix, which can be LOG, IDX, or LDX.
- *pfx*.CM*yymmdd* (UNIX)
  - *pfx* specifies the log file prefix, which can be opano, opldx, oplog, or opldx.
  - CM*yymmdd* indicates the year, month, and day the log file was created.

Common RC values are as follows:

- 2—(Windows or UNIX) The file could not be found (it may already be deleted)
- 5—(Windows) Access to the file was denied (the file is set to read-only)

- 13—(UNIX) Permission denied
- 32—(Windows) The file is in use by another process (the console viewer, cautil, or a backup process)

Action:

Check the RC (return code) value for the Reason, and correct as necessary:

- For an RC of 5 (Windows only), change the file attributes so that the file may be deleted. Event Management will attempt to delete the file upon the next startup of the service provider or after midnight of the current day.
- For information on a return code value that appears, but is not listed here:
  - (Windows) Issue the following command:

    ```
    NET HELPMSG rc
    ```

  - (UNIX) Check the system header file:

    ```
    /usr/include/errno.h
    ```

CAOP_W_102

Requested console log not found, Log = *xxxxxxxx*.

Reason:

The console log for the date requested does not exist.

Action:

Investigate CAI_CONLOG preference and existence of console log and index file.

CAOP_W_103

Can't *xx*. *xx*=*xx* not found.

Reason:

An attempt was made to perform an Action against an unknown message ID or message token.

Action:

Supply a valid message ID or message token and resubmit the command.

CAOP_W_104

Can't *xx*. *xx*=*xx*, *xx*=*xx* not found.

Reason:

An invalid sequence number was supplied.

Action:

Supply a valid sequence number and resubmit.

CAOP_W_105

A SELECT has no commands associated with it.

Reason:

A record has been selected, but no commands have been performed on this record.

Action:

Perform the appropriate action on the selected record.

CAOP_W_106

***xx* command bypassed, no preceding SELECT clause specified.**

Reason:

A command was issued without first selecting a target record.

Action:

Select a target record and resubmit this command.

CAOP_W_107

For Windows and UNIX:

Can't (CAUTIL function) (database searched).

Reason:

You tried a CAUTIL function (delete, list, or alter something) and it could not be found on the specified database.

Action:

Select another record and resubmit this command.

For Tandem:

Send to Daemon failed.

Reason:

The console process was not able to send a message to the daemon.

Action:

This message is followed by a more specific message (CAOP_W_108) indicating the cause of the problem. Refer to the action of message CAOP_W_108.

CAOP_W_108

CciSend error (Prc=*nn* Src=*nn* Drc=*nn*): *yy*.

Reason:

The console process could not send a message to the process because an error was returned by the CAICCI. This typically results when there is “no receiver online.”

Action:

Issue the UNISTART OPR command.

CAOP_W_113

OPRNATTR: NWDeallocateDirectoryHandle failed. rc=*nnnn*X.

Reason:

The console process received this return code from the Netware Client API function. This occurred while attempting to set extended attributes for Console Log files existing on a mapped Netware drive.

Action:

This is an informational message; no action is required.

CAOP_W_115

Too many errors occurred in exit '<*exit*>' - exit disabled.

Reason:

Event Management user exit <*exit*> had more program errors (exceptions) than allowed by setting "Number of errors allowed per exit."

Action:

Run Event Management in debug mode (set "OPR Trace" to 1) and debug the user exit in error.

CAOP_W_116

EMEXIT: invalid exit name '<*exit*>' - no Action taken.

Reason:

Invalid exit name was entered on 'EMEXIT <*exit*> {ON|OFF}' command.

Action:

Use one of the following for the exit name:

- ActPost
- ActPre
- All
- LogPost
- LogPre
- MsgPost
- MsgPre
- SysInit
- SysTerm

CAOP_W_117

EMEXIT: exits library not active - no Action taken.

Reason:

Cannot use EMEXIT command because no user exit library was loaded.

Action:

Change "Name of user exits library" setting to the path of Event Management user exits library, and restart Event.

CAOP_W_118

Log file <*file*> fixed (truncated) - size changed to <*size*>.

Reason:

OPRFIX utility truncated the corrupted log file <*file*> after last readable record, new size is <*size*>.

Action:

No action is required.

CAOP_W_119

Max GOTOs <*max*> exceeded, MsgToken=<*token*> - further Actions cancelled.

Reason:

The number of GOTO Actions executed exceeded <*max*> (setting 'Max # of GOTO Actions executed per match'), which can happen when GOTO Actions are used without stop condition. Example: '100 SENDOPER text', '200 GOTO 100'.

Action:

Remove the GOTO Action, or add condition (*condop*, *condrc*) to limit the number.

CAOP_W_PLFINVLD

Message record (token *xxx*) has an invalid SPI format… skipping record.

Reason:

The token value or token name entered into the message record is in the wrong format.

Action:

Check the message record and the format of the token to make sure it is correct. Reissue the message record and action.

Chapter 10: CARR Messages

List of CARR Messages

The following messages are produced by the CAIENF/USS (UNIX System Services) Common Service.

Messages of the form CARR*nnn*D are debugging messages that should generally not occur. For any such message, examine messages just prior and subsequent and collect relevant information. If the issues cannot be resolved provide the documentation to CA Support.

CARR001I

CA Intercept Technology for z/OS UNIX Services starting

Reason:

CAIENF/USS is being started.

Action:

No action is required.

CARR002I

CA Intercept Technology for z/OS USS initialized, RC=@@@@.

Reason:

CAIENF/USS has run the initialization program and has returned with a return code RC=@@@@.

Action:

No action is required.

CARR003I

Global data area = @@@@@@@@

Reason:

A debugging message showing the memory address of a CAIENF/USS data structure.

Action:

No action is required. This message is informational only.

CARR004I

SCOPE=COMMON Dataspace and PC @@@@@@@@ initialized

Reason:

A debugging message showing the PC number assigned to CAIENF/USS.

Action:

No action is required. This message is informational only.

CARR005I

Installed *module* at *address*

Reason:

A debugging message showing the memory address where CAIENF/USS has loaded a module.

Action:

No action is required. This message is informational only.

CARR006I

Releasing old module memory

Reason:

A debugging message showing that CAIENF/USS is ready to free memory no longer needed after reinitialization.

Action:

No action is required. This message is informational only.

CARR007I

Cellpools - Small (1K): @@@@@@@@, Large (4K): @@@@@@@@

Reason:

A debugging message showing where CAIENF/USS has allocated its two primary cell pools.

Action:

No action is required. This message is informational only.

CARR008I

Waiting for OMVS Kernel initialization

Reason:

The CAIENF/USS initialization program has detected the OMVS kernel is not active. It will retry until it is active.

Action:

No action is required.

CARR009I

***%%%%%%%%* at +@@@@@@@@ with @@@@@@@@**

Reason:

An internal CAIENF/USS debugging message.

Action:

No action is required. This message is informational only.

CARR010E

ERROR initializing *%%%%%%%%*

Reason:

An error checking the userid used to start CAIENF.

Action:

Check that the OMVS segment is defined correctly.

CARR011E

Function: %%%%%%%% RC: @@@@@@@@, Reason: @@@@@@@@

Reason:

An error has occurred during CAIENF/USS initialization. The message provides the name of the system service invoked, as well as the return and reason codes that resulted.

Action:

Correct the error and reinitialize CAIENF.

CARR012E

Invalid operating system level

Reason:

The CAIENF/USS initialization module has detected an OS level lower than the minimum required.

Action:

The minimum operating system level for CAIENF/USS is z/OS V1R4.

CARR013E

Major version change requires system IPL

Reason:

The CAIENF/USS initialization module has detected changes to the CAIENF/USS product that require an IPL for implementation.

Action:

CAIENF/USS Initialization fails. An IPL must be performed to implement changes.

CARR014E

ERROR connecting to OMVS Kernel

Reason:

The CAIENF/USS initialization program has detected an error connecting to the OMVS Kernel.

Action:

Check the OMVS segment is defined correctly. For assistance, contact CA Support at http://ca.com/support.

CARR015E

ERROR obtaining OMVS Kernel parameters (@@@@@@@@)

Reason:

CAENF/USS was attempting to rebuild its Kernel Info structure and an error occurred while invoking an OMVS service routine.

Action:

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

CARR016E

ERROR installing intercept *%%%%%%%%*

Reason:

CAENF/USS was attempting to install one of its intercept routines when an error occurred.

Action:

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

CARR017E

ERROR: Invalid operating system level

Reason:

The CAIENF/USS initialization module has detected an OS level lower than the minimum required.

Action:

The minimum operating system level for CAIENF/USS is z/OS V1R4.

CARR018W

Cannot define VLF objects: RC @@@@/@@@@

Reason:

The COFVLF*xx* member has not been updated to create a CAIENF/USS cache entry.

Action:

It is recommended that the cache entry be added as documented in the *Installation Guide*. The process will continue running.

CARR019E

ERROR: Not running with ROOT authority

Reason:

The user ID assigned to the ENF procedure does not have UID 0 or access to BPX.SUPERUSER.

Action:

Update the user ID assigned to the ENF procedure to be UID 0 or have access to BPX.SUPERUSER.

CARR020I

Connecting to OMVS Kernel

Reason:

If tracing has been enabled, this is an information message to indicate ENF/USS is accessing certain OMVS Kernel information. If OMVS is not active, code will wait for OMVS to initialize.

Action:

No action is required.

CARR021I

Gathering OMVS Kernel configuration data

Reason:

If tracing has been enabled, this is an information message to indicate ENF/USS is either initializing or reinitializing internal representations of OMVS Kernel resources.

Action:

No action is required.

CARR022I

Issuing sysconf(xxxxxxxx)

Reason:

If tracing has been enabled, this is an information message to indicate ENF/USS is about to issue the sysconf() function for code “xxxxxxxx”.

Action:

No action is required.

CARR023I

Issuing getrlimit(xxxxxxxx)

Reason:

If tracing has been enabled, this is an information message to indicate ENF/USS is about to issue the getrlimit() function for code “xxxxxxxx”.

Action:

No action is required.

CARR024I

Querying file system info using w_getmntent()

Reason:

If tracing has been enabled, this is an information message to indicate ENF/USS is about to issue the w_getmntent() function.

Action:

No action is required.

CARR025I

Kernel information updated for OMVS level xxxx

Reason:

If tracing has been enabled, this is an informational message to indicate ENF/USS has completed updating its internal representations of OMVS Kernel resources. The first two “xx” characters are the z/OS release; the second two are the OMVS release.

Action:

No action is required.

CARR029I

***$$$* USS probes now active**

Reason:

The CAIENF/USS initialization routine displays the number of intercept points that have been for OMVS services.

Action:

No action is required.

CARR030I

ENF/USS Applications Initializing

Reason:

The CAIENF/USS initialization routine is initializing applications that have been defined to the CAIENF database.

Action:

No action is required.

CARR031W

ENF not active or no USS applications define

Reason:

No application DCM modules have been installed into the CAIENF database.

Action:

Install the DCM module for the application utilizing CAIENF/USS.

CARR032W

No events selected for processing : *%%%%%%%%%%%%%%%%* / *%%%%*

Reason:

CAIENF/USS has initialized an application, but no event points have been defined for that application.

Action:

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

CARR033W

Max. Appl. Reached : ***%%%%%%%%%%%%%%%%*** **/** ***%%%%***

Reason:

The number of applications that use CAIENF/USS services has exceeded the maximum of 16.

Action:

Determine what DCMs have been defined to CAIENF.

CARR034W

%%%%%%%% **/** ***%%%%*** **did not initialize: @@@@@@@@ @@@@@@@@**

Reason:

An error occurred during the initialization on a CAIENF/USS application.

Action:

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

CARR035W

***%%%%%%%%%%%%%%%%

CARR037E

Unable to locate CAMASTER RC: @@@@@@@@

Reason:

An error occurred attempting to locate the CAMASTER address space.

Action:

Contact CA Support for further assistance.

CARR038W

DYN Exit DELETE error RC: @@@@@@@@ REASON: @@@@@@@@

Reason:

An unexpected return code, reason code was returned by CSVDYNEX DELETE trying to delete the USS Exit used by ENF/USS.

Action:

An attempt to define the required exit will proceed. If that fails then ENF/USS initialization will terminate. The return code and reason codes are documented by IBM. If the problem cannot be resolved then contact CA Support for further assistance.

CARR039E

DYN Exit ADD error RC: @@@@@@@@ REASON: @@@@@@@@

Reason:

An unexpected return code, reason code was returned by CSVDYNEX ADD trying to add the USS Exit used by ENF/USS.

Action:

The return code and reason codes are documented by IBM. If the problem cannot be resolved then contact CA Support for further assistance.

CARR051I

Restart underway - reloading resident modules

Reason:

CAIENF/USS is being reinitialized.

Action:

No action is required.

CARR201I

PC Routine Active

Reason:

The CARRPC routine has been loaded and is active.

Action:

No action is required.

CARR202E

Internal PC error - missing/invalid entry (@@@@)

Reason:

An error occurred in CARRPC while trying to process an intercept point routine.

Action:

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

CARR203E

Internal error: *%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%*

Reason:

Error in a CAIENF/USS intercept routine.

Action:

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

CARR204W

Application de-activation for *%%%%%%%%%%%%%%%%*

Reason:

An installed CAIENF/USS application has requested that it be deactivated.

Action:

No action is required.

CARR205E

Unable to acquire *$$$$$* bytes of memory

Reason:

A CPOOL GET was unable to acquire the amount of storage requested.

Action:

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

CARR206E

PC: Unable to acquire cell pool entry

Reason:

A CPOOL GET was unable to acquire the amount of storage requested.

Action:

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

CARR207E

Unable to acquire PINFO/TINFO blocks

Reason:

During processing of an intercepted USS function, the required control blocks could not be located.

Action:

Determine if other messages are being issued. If the problem cannot be resolved, contact CA Support for further assistance.

CARR208E

FREETX (CLEANUP) - no TINFOX block passed

Reason:

After processing an intercepted USS function, an attempt to cleanup one of the control blocks resulted in an error.

Action:

Determine if other messages are being issued. If the problem cannot be resolved, contact CA Support for further assistance.

CARR270W

%%%% storage not freed: SP=@@ Len=@@@@ Addr=@@@@@@@@

Reason:

After a new copy of a CAIENF/USS module has been loaded, an attempt to free the previous version of the module has failed.

Action:

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

CARR290E

Error recovery routine entered for *%%%%%%%%*

Reason:

An abend has occurred while CAIENF/USS was processing an event and has been captured by the recovery routine.

Action:

See accompanying messages for a more detailed description of the error. Save all dumps and other diagnostics for analysis. For assistance, contact CA Support at http://ca.com/support.

CARR294E

No recovery environment exists - percolating

Reason:

An abend has been captured by the CAIENF/USS recovery routine but it has been determined the CAIENF/USS is not currently processing an event.

Action:

Save all dumps and other diagnostics for analysis. For assistance, contact CA Support at http://ca.com/support.

CARR295E

R0: @@@@@@@@ R1: @@@@@@@@ R2: @@@@@@@@ R3: @@@@@@@@

Reason:

An abend has occurred while CAIENF/USS was processing an event. The variable fields indicate registers 0 through 3 at the time of the abend.

Action:

See accompanying messages for a more detailed description of the error. Save all dumps and other diagnostics for analysis. For assistance, contact CA Support at http://ca.com/support.

CARR296E

R4: @@@@@@@@ R5: @@@@@@@@ R6: @@@@@@@@ R7: @@@@@@@@

Reason:

An abend has occurred while CAIENF/USS was processing an event. The variable fields indicate registers 4 through 7 at the time of the abend.

Action:

See accompanying messages for a more detailed description of the error. Save all dumps and other diagnostics for analysis. For assistance, contact CA Support at http://ca.com/support.

CARR297E

R8: @@@@@@@@ R9: @@@@@@@@ RA: @@@@@@@@ RB: @@@@@@@@

Reason:

An abend has occurred while CAIENF/USS was processing an event. The variable fields indicate registers 8 through 11 at the time of the abend.

Action:

See accompanying messages for a more detailed description of the error. Save all dumps and other diagnostics for analysis. For assistance, contact CA Support at http://ca.com/support.

CARR298E

RC: @@@@@@@@ RD: @@@@@@@@ RE: @@@@@@@@ RF: @@@@@@@@

Reason:

An abend has occurred while CAIENF/USS was processing an event. The variable fields indicate registers 12 through 15 at the time of the abend.

Action:

See accompanying messages for a more detailed description of the error. Save all dumps and other diagnostics for analysis. For assistance, contact CA Support at http://ca.com/support.

CARR299E

%%%%%%% **USS Abend @@@@: PSW = @@@@@@@@ @@@@@@@@ Offset: +@@@@**

Reason:

An abend has occurred while CAIENF/USS was processing an event.

Action:

See accompanying messages for a more detailed description of the error. Save all dumps and other diagnostics for analysis. For assistance, contact CA Support at http://ca.com/support.

CARR322E

Missing or invalid parameters: xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Reason:

An invalid parameter has been specified on the RELOAD command.

Action:

Review the invalid parameter identified in the message. Re-issue the RELOAD command with a correct parameter.

Chapter 11: CAS9 Messages

List of CAS9 Messages

The following messages are produced by the CAICCI, CAIRIM, CAIENF, CAIENF/CICS, CAIENF/DB2, and CAIENF/SNMP components.

CAS9001I

Interface Summary

Reason:

Informational. Title for the CAISMFU-installed SMF program display.

Action:

No action is required.

CAS9002I

<blank>

Reason:

Informational. Blank display for spacing of CAIRIMU and CAISMFU output.

Action:

No action is required.

CAS9003I

Name Vers Description Status

Reason:

Informational. Heading for the CAISMFU-installed SMF program display.

Action:

No action is required.

CAS9004I

pgmname caid caidesc caistat

Reason:

The message displays information about a CAISMFU-installed SMF program.

pgmname

Displays the load module name of the installed program.

caid

Identifies the product, version, and level of the installed program in the format *ppvl*, where *pp* is the product code, *v* is the version level, and *l* is the release level.

caistat

Indicates the status of the installed module:

- Active—This program was installed and is currently active.
- Abended—This program has abended.
- Inactive—This program was installed and has been subsequently disabled.

Action:

No action is required.

CAS9005I

Number of Interfaces: *nn* Number of calls processed: *nn*

Reason:

The message displays the following information in the CAISMFU utility output:

Number of interfaces

Displays the total number of interfaces that have been installed, including active interfaces made inactive due to abends.

Number of calls processed

Displays the total number of SMF programs called for processing. This number is roughly the number of active interfaces multiplied by the number of SMF calls.

Action:

No action is required.

CAS9006I

The following products have been initiated:

Reason:

Informational. Title from the CAIRIMU-initialized product and component display.

Action:

No action is required.

CAS9007I

Product Vers Init Date/Time

Reason:

Informational. Heading for the CAIRIMU-initialized product and component display.

Action:

No action is required.

CAS9008I

'***product***' '***version***' '***init***' '***date***''***time***'

Reason:

Entries in the CAIRIMU-installed initialized product and component display. Fields defined as follows:

product

Displays the name of the product or component initialized.

version

Identifies the version of the product or component initialized.

init

Identifies the product module name that performed the initialization.

Note: These modules are delivered with the products and not with CAIRIM.

date

Displays the date on which the product or component was initialized.

time

Displays the time at which the product or component was initialized.

Action:

No action is required.

CAS9009I

Initialized from 'LOADLIB'

Reason:

Indicator in the CAIRIMU-initialized product and component display that defines the load library from which the product or component was initialized. This is only present if an alternate load library was specified in the CAIRIM parameter library, as defined through the PARMLIB DD statement.

Action:

No action is required.

CAS9010I

Number of interfaces: '*nn*'

Reason:

Output from CAIRIMU. Displays the total number of product and component interfaces that have been initialized through CAIRIM.

Action:

No action is required.

CAS9011I

No CAI product interfaces present

Reason:

If executing CAIRIMU, the CAIRIM Resource Initialization Manager has not been run or has abended prior to creating the in-storage initialization index.

If executing CAISMFU, the CAISMFI dynamic SMF interceptor program has not been run or has abended prior to creating the in-storage module index.

Action:

If executing CAIRIMU, make sure that a valid file (as defined through the PARMLIB DD statement) exists and that it contains one or more initialization parameters. Then rerun CAIRIMU by executing the CAIRIM procedure supplied as CAS9. For assistance, contact CA Support at http://ca.com/support.

If executing CAISMFU, check the CAIRIM System Requirements section of your product *Installation Guide* for information on the use of CAISMFI by the product. If there are no products installed that use CAISMFI, this is a normal condition. If your installation contains one or more products using CAISMFI, then rerun CAIRIM. For assistance, contact CA Support at http://ca.com/support.

CAS9012A

nnnn* Key warnings/violations on CPU *CPUserialnumber

Reason:

The indicated number of warnings and violations have occurred for all software solutions using CA LMP on the specified CPU's serial number.

Action:

If you have contacted CA LMP support and your software solution licensing agreement has been updated for the solution in warning or violation, or both, this message is informational.

If you have not contacted CA LMP support or your software solution licensing agreement has not been updated for the solution in warning or violation, see message CAS9013A for further details on the solutions in warning or violation.

CAS9013A

Product *xx* about to expire or is expired and is in use

Reason:

CAIRIM has initialized product *xx* and that product is running (*xx* is your CA solution's product code). However, your CA LMP agreement for this product is about to expire or has expired and CA LMP execution software may deactivate the product in the near future if the situation is not corrected.

Action:

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

CAS9015A

To obtain key, call CA Hotline and report seed value = @@@@@@@@

Reason:

The CA LMP execution key is required to run the CA solution.

Action:

Contact CA LMP support. Report the seed value displayed in this message to obtain the execution key.

CAS9016A

Enter access code:

Reason:

An access code is required to extend operation of a CA solution for which the licensing agreement has expired.

Action:

Enter the access code obtained from CA LMP support.

CAS9017E

<Invalid access code>

Reason:

The access code entered is invalid according to CA LMP execution software.

Action:

Verify that you entered the correct access code as given to you by CA LMP support. If the access code was entered correctly, contact CA LMP support (see page 6).

CAS9018I

Access code accepted - extension in effect

Reason:

The access code you entered to obtain a licensing extension has been accepted and the extension is in effect.

Action:

No action is required.

CAS9020E

Invalid parameter specified PARM (*xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx*)

Reason:

An invalid parameter has been detected on input to S910INIT.

Action:

Review the PARM() identified in the message. Valid parameters are REINIT, REFRESH, and DELETE. Correct the parameter field and resubmit the job. For more information on valid operands, refer to the *Administration Guide*.

CAS9021E

Environment error detected. Unable to add CAISSF routines.

Reason:

No valid security system exists within the environment. RACF or a RACF-compatible security product is required.

Action:

Remove the product initialization control card from the CARIMPRM file until a valid security environment is installed (like CA Top Secret, CA ACF2, RACF, or a RACF-compatible product).

CAS9022I

***xxxxxxxx*...**

Reason:

Informational message pertaining to the execution of S910INIT.

Action:

No action is required.

CAS9023E

CAISSF Initialization error - routines missing or already present.

Reason:

An error was encountered during CAISSF initialization.

Action:

Ensure routines CAS9SEC and the external security translator are available through the CAS9 STEPLIB or linklisted data set:

Security System	Translator
CA Top Secret	CAS9TS42
CA ACF2	CAS9ACF2
RACF or RACF compatible	CAS9SAFC

If the routines are already present on the system and you wish to update CAISSF through maintenance, use the PARM(REFRESH(SSF)) parameter. For more information, see the *Administration Guide.*

CAS9025A

No security system available

Reason:

No valid security system exists within this environment.

Action:

Reply with a security system to continue or N to cancel. If you reply N, message 'CAS9021E ENVIRONMENT ERROR DETECTED. UNABLE TO ADD CAISSF ROUTINES' will be displayed, indicating there is no security system available.

CAS9026A

Reply with security system,"ACF2","TSS","RACF" or "N" to cancel.

Reason:

No valid security system exists within this environment.

Action:

Reply with a security system to continue or N to cancel. If you reply N, message 'CAS9021E ENVIRONMENT ERROR DETECTED. UNABLE TO ADD CAISSF ROUTINES' will be displayed, indicating there is no security system available.

CAS9028I

Refresh complete for load module %%%%%%%%

Reason:

Informational.

Action:

No action is required.

CAS9029E

Unable to refresh load module *%%%%%%%%*. An IPL may be required.

Reason:

An internal error has been detected.

Action:

An IPL is required to refresh the given routine. If running CAIRIM for the first time, ignore this message.

CAS9030E

Function (*xxxxxxxx*) is not supported.

Reason:

The caller of external security interface has passed a function code that is not supported.

Action:

Gather all relevant documentation for analysis. For assistance, contact CA Support at http://ca.com/support.

CAS9031E

Function(SIGNON) *xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx*

Reason:

An error has been detected during SIGNON processing. SIGNON processing initiates a RACF RACINIT request. This message is passed back to the caller and action is taken as needed. All RACF messages are handled on behalf of the application product.

Action:

See the following chart. Then consult your IBM *System Programming Library: Application Development Macro Reference* for further information on the RACF return codes, if needed.

Possible messages issued for SIGNON processing are:

Return Code	Message
RC=04 (04)	User profile is not defined
RC=08 (08)	Password given is not authorized
RC=12 (0C)	Password given has expired
RC=16 (10)	New password given is invalid
RC=20 (14)	User is not defined to group
RC=24 (18)	RCINIT filed installation exit
RC=32 (20)	RACF is not active
RC=36 (24)	User access has been revoked
RC=40 (28)	OIDCARD is required
RC=44 (2C)	OIDCARD is invalid

Return Code	Message
RC=48 (30) REASON=04	No access to terminal on this day or time
RC=48 (30) REASON=08	Not authorized for terminal
RC=52 (34)	Not authorized for application
N/A	Caller not APF authorized for function
RC=12 (0C)	Option (USER=) is missing
RC=12 (0C)	Option (PW=) is missing

Note: The numbers in parentheses in the Return Code column are HEX values.

CAS9032E

Function(SIGNOFF) ***xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx***

Reason:

An error has been detected during SIGNOFF processing. This message is passed back to the caller and action is taken as needed.

Action:

Refer to the indicated message and take the required action.

Possible messages issued for SIGNOFF processing are:

Return Code	Message
(08)	Caller not APF authorized for function
(08)	ACEE not found, SIGNOFF ignored

CAS9033E

Function(EXTRACT) ***xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx***

Reason:

An error has been detected during EXTRACT processing. This message is passed back to the caller and action is taken as needed.

Action:

Refer to the indicated message and take action as required. For example, if the message reads SECURITY RECORD NOT FOUND, it may indicate that the userid you are logged onto is not defined to RACF. Or, if you are attempting to invoke a transaction under CICS that uses external security, you may not have signed onto the terminal through CSSN or CESN.

CAS9034E

Function(RESCHECK) ***xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx***

Reason:

An error has been detected during RESOURCE ACCESS processing. RESOURCE ACCESS processing initiates a RACF RACSTAT, RACDEF, RACLIST, or RACHECK request. This message is passed back to the caller and action is taken as needed.

Action:

See the following chart. Then consult your IBM *System Programming Library: Application Development Macro Reference* for further information on the RACF return codes, if needed.

Possible messages issued for RESOURCE ACCESS processing are:

Return Code	RACF Function	Message
RC=12 (0C)	N/A	Option (CLASS=) is missing
RC=12 (0C)	N/A	Option (CLASS=) is invalid
RC=12 (0C)	N/A	Option (ENTITY=) is missing
RC=12 (0C)	N/A	Option (RESLEN=) is missing
RC=12 (0C)	N/A	Unable to obtain ACEE for resource check
RC=12 (0C)	N/A	Caller not APF authorized for function
RC=04 (04)	RACSTAT	Class specified is inactive
RC=08 (08)	RACSTAT	Class specified is not defined

Return Code	RACF Function	Message
RC=12 (0C)	RACSTAT	RACF is inactive, class is inactive
RC=16 (10)	RACSTAT	RACF active, class is inactive
RC=20 (14)	RACSTAT	RACF inactive, class is not defined
RC=24 (18)	RACSTAT	Unable to locate RACF CVT
RC=04 (04)	RACHECK	Resource is not protected
RC=08 (08)	RACHECK	Access to resource is denied

CAS9035E

Invalid Function code has been detected.

Reason:

The caller of the external security interface passed an invalid function code.

Action:

Gather all relevant documentation for analysis. For assistance, contact CA Support at http://ca.com/support.

CAS9036E

GETMAIN for RACROUTE work area failed.

Reason:

OS GETMAIN for RACROUTE work area has failed.

Action:

Increase region size for the task that external security is running under and retry.

CAS9037E

Processing terminated due to GETMAIN failure.

Reason:

The CAS9RACL program issued a z/OS GETMAIN to obtain storage for its work area, but the system was unable to satisfy its request.

Action:

Increase the amount of available OSCORE in the CICS region and retry.

CAS9038I

RACLIST CREATE FOR CLASS(*cccccccc*) SAF RC=*xxxx* RC=*yyyy* REASON=*zzzz*

Reason:

The CAS9RACL program has issued a RACROUTE REQUEST=LIST,ENVIR=CREATE for the specified class name (*cccccccc*). The return and reason codes indicate whether the operation was successful or not.

Action:

If the request ended with RCs and REASON = 0000, no action is necessary and the message is informational. If the request ended with a nonzero return or reason code, see *z/OS Security Server RACROUTE Macro Reference* (sections REQUEST=LIST, Return codes and reason codes).

CAS9040I

Subsystem summary:

Reason:

Informational. Title for the CAISUBU installed subsystem display.

Action:

No action is required.

CAS9041I

Name SSCT address status init routine

Reason:

Informational. Heading for the CAISUBU-installed subsystem display.

Action:

No action is required.

CAS9042I

subname xxxxxxxx caistat initname

Reason:

The message displays information about a CAISUBU-installed subsystem.

subname

Displays the four-character name of the subsystem installed by CAIRIM.

xxxxxxxx

Displays the hexadecimal address of the SSCT.

caistat

Indicates the status of the installed subsystem:

- Active—This subsystem was installed and is currently active.
- Error—This subsystem was in error.
- Unknown—This subsystem status is unknown. The subsystem was installed and subsequently disabled.

Initname

Displays the name of the subsystem initialization program, if any.

Action:

No action is required.

CAS9075I

Service(*service_name*) Vers(*version_level*) Genlvl(*gen_level*)

Reason:

Informational. Displays current version, and genlevel for the CA Common Service indicated in the message.

Action:

No action is required.

CAS9076I

Product(*pp*) not installed.

Reason:

Product *pp* could not be found on a specific product display request, for example, PROD(*pp*).

Action:

Reenter the command with a valid product code.

CAS9077I

Ded Shr 90%Ded 90%Shr HWMDed HWMShr

Reason:

Header for displaying LPAR-mode CPU statistics in the multiline LMP report.

Action:

See message CAS9078I.

CAS9078I

stat1 stat2 stat3 stat4 stat5 stat6

Reason:

CPU statistics of the multiline LMP report when the processor is running in LPAR mode.

stat1

Identifies the current number of dedicated CPUs.

stat2

Identifies the current number of shared CPUs.

stat3

Identifies the number of dedicated CPUs observed 90% of the time during the LMP collection cycle.

stat4

Identifies the number of shared CPUs observed 90% of the time during the LMP collection cycle.

stat5

Identifies the dedicated CPU high-water mark.

stat6

Identifies the shared CPU high-water mark.

Action

This message is informational only.

CAS9079I

LPAR_Name: *lparname* LPAR_Number: *lparnumber*

Reason:

Output of the multiline LMP report when the processor is running in LPAR mode.

lparname

Identifies the LPAR name.

lparnumber

Identifies the LPAR number.

Action:

This message is informational only.

CAS9087I

Prod (*pp*) viols|warns/stat(*nnn/stat*) Warnstart(*warning start date*)

Reason:

The first output line of a PROD request.

pp

The product code.

nnn

The number of times the product has issued a violation warning message (CAS9182 (see page 312)) or violation expiration message (CAS9180 (see page 312)).

stat

The current violation status is one of the following:

Y

The product is currently at or past its expiration date.

W

The product is within the expiration warning period.

N

Neither Y nor W.

warning start date

The date violation warning messages will commence 30 days before the initial expiration date.

Action:

This message is informational only.

CAS9088I

Expiry1(*expirydate1*) Expiry2(*expirydate2*)

Reason:

The second output line of a PROD request.

expirydate1

Indicates the initial product expiration date.

expirydate2

Identifies the final expiration date (generally a grace period of 30 days beyond the initial product expiration date). This is the last date that the LMP key will be accepted and the last date the CAS9181A message will be displayed for the product.

Action:

Informational.

CAS9090I

CPU *cpuid* is running in *mode* mode.

Reason:

The first line of the multiline LMP report.

cpuid

The hardware CPU ID.

mode

The processor mode:

MACH

Machine (native) mode

LPAR

LPAR mode

z/VM

VM hypervisor mode

Action:

Informational.

CAS9091I

VMName: *vmname* VMCPID: *vmcpid* #VMs: #*vm*

Reason:

Output of the multiline LMP report when the processor is running in z/VM mode.

vmname

The name of the z/VM hypervisor.

vmcpid

The z/VM control program ID.

#vm

The number of active virtual machines running under the z/VM hypervisor.

Action:

Informational.

CAS9092I

Mfg: *manufacturer* Model: *model*

Reason:

Output of the multiline LMP report showing the processor manufacturer and model.

Action:

Informational.

CAS9093I

LMPInitTime: *inittime* LMPInitDate: *initdate*

Reason:

Output of the multiline LMP report showing the start time and date of the LMP collector.

Action

Informational.

CAS9094I

LMP collector was called *nnnnnn* times.

Reason:

Output of the multiline LMP report showing the number of LMP collection cycles.

Action:

Informational.

CAS9095I

***** CPU Statistics *****

Reason:

Title line for CPU statistics reporting in the multiline LMP request.

Action:

Informational.

CAS9096I

Ttl Cfg 90%Ttl 90%Cfg HWMTtl HWMCfg

Reason:

Header for displaying CPU statistics in the multiline LMP report.

Action:

See message CAS9097I (see page 295).

CAS9097I

stat1 stat2 stat3 stat4 stat5 stat6

Reason:

CPU statistics report of the multiline LMP request.

stat1

The current total number of CPUs.

stat2

The current number of configured CPUs.

stat3

The number of total CPUs observed 90% of the time during the LMP collection cycle.

stat4

The number of configured CPUs observed 90% of the time during the LMP collection cycle.

stat5

The total CPU high-water mark.

stat6

The configured CPU high-water mark.

Action:

Informational.

CAS9098I

Stb Rsv 90%Stb 90%Rsv HWMStb HWMRsv

Reason:

Header for displaying CPU statistics in the multiline LMP report.

Action:

See message CAS9099I (see page 296).

CAS9099I

stat1 stat2 stat3 stat4 stat5 stat6

Reason:

CPU statistics report of the multiline LMP request.

stat1

The current number of standby CPUs.

stat2

The current number of reserved CPUs.

stat3

The number of standby CPUs observed 90% of the time during the LMP collection cycle.

stat4

The number of reserved CPUs observed 90% of the time during the LMP collection cycle.

stat5

The standby CPU high-water mark.

stat6

The reserved CPU high-water mark.

Action:

Informational.

CAS9100E

CAIRIM Already active on this processor.

Reason:

Multiple CAIRIM tasks have been started. Due to serialization requirements, only one CAIRIM task can be active at a time. Processing terminates.

Action:

If executing CAIRIM concurrently to install LMP Keys, wait for CAIRIM to complete and then retry.

CAS9101I

1stViol(*first*) LastViol(*last*).

Reason:

Third output line of a PROD request that is displayed only if the product is within, or has gone beyond, its initial product expiration date, or if an unlicensed product was started.

first/last

The date and time of the first and last usage violations.

Action:

This message is informational only.

CAS9102E

LPA "*req*" for object failed. RC(*rc*) reason(X'*reason*')

Reason:

An LPA manager request (#LPA) failed.

req

Either ADD or DEL.

object

Identifies the object name.

rc

Identifies the return code.

reason

Identifies the reason code in the format *rrrrf1f2*, where:

rrrr

Identifies the actual CSVDYLPA reason code

f1f2

The CSVDYLPA LMPEA output flags that report the status of the request.

Action:

This is a serious error. The #LPA issuer (for example, CAIRIM) will likely issue its own error message, take corrective action, or terminate in error. Report this error to CA Support. Information on CSVDYLPA error and diagnostic codes can be found in IBM document *z/OS MVS Programming Authorized Assembler Reference* and member CSVLPRET in SYS1.MACLIB. Depending on the type of error received, message CAS9103E may also be posted to qualify the error.

CAS9103E

CSVDYLPA diagnostic codes(X'*diag1/diag2*')

Reason:

The LPMEA output flags in message CAS9102E indicated an unexpected abend or return code that required further clarification.

diag1* and *diag2

Identifies the return and reason codes for the unexpected condition.

or

An error was received from a supporting z/OS service (for example, DYNALLOC) invoked by CSVDYLPA, which produced its own set of reason codes. *diag1* and *diag2* are the codes returned by the supporting z/OS service.

Action:

See message CAS9102E Action.

CAS9104E

LOAD failed for *XXXXXXXX*, R15=@@@@@@@@

Reason:

A request to load the specified module failed. The return code is in R15.

Action:

Make sure the module name is available in a STEPLIB or Link List data set. Check for other error messages preceding this one. For assistance, contact CA Support at http://ca.com/support.

CAS9105E

Initialization error - dynamic product initialization aborted.

Reason:

An internal error has occurred within the CAIRIM module. No products are initialized.

Action:

Obtain documentation for analysis. For assistance, contact CA Support at http://ca.com/support.

CAS9109W

LPAR-based licensing data collection has been partially disabled.

Reason:

A noncritical resource was unavailable. CPU observance information will be omitted. Message CAS9113E (see page 301) precedes this message. CAIRIM continues.

Action:

No action is required.

CAS9110E

PARMLIB DD statement missing and SYS1.PARMLIB unusable.

Reason:

You have not coded a PARMLIB DD statement and an attempt to allocate SYS1.PARMLIB member CAISYS00 has failed. Processing terminates.

Action:

Review the parameter file for invalid data. See the *Installation Guide* for information regarding CAIRIM parameters.

CAS9111I

Violation message deferment threshold located in ESQA at *@@@@@@@@.*

Reason:

This message is intended to help CA Support. It identifies the in-storage location of an LMP control area.

Action:

No action is required.

CAS9112E

CSRSI service called failed with RC(*rc*).

Reason:

A call to the z/OS service to obtain LMP licensing data failed with return code (*rc*). LMP licensing collection impossible.

Action:

Report this message to CA Support.

CAS9113E

STORAGE request for *ccccc* failed with RC(*rc*).

Reason:

A call to the z/OS service to obtain central storage failed with return code (*rc*). This may or may not be critical, depending on the component (*ccccc*) making the request.

Action:

Increase the CAIRIM region size. For assistance, contact CA Support at http://ca.com/support.

CAS9114E

LPAR-based licensing data collection has been disabled.

Reason:

This message follows a previous message that tells why this function is being disabled.

Action:

See the previous message.

CAS9115I

Input: *xxxxxxxxx*...

Reason:

Provides a listing of control statements as read from the CAIRIM parameter file. When this message is invoked by CA LMP, one of the following variable substitutes can be displayed:

- Missing keyword or parameter card
- Duplicate keyword
- Product code not two characters
- CPU ID is too long
- Transcription error or tampering detected

Action:

Verify keyword, product code, or CPU ID as indicated and reenter. If the message recurs, contact CA LMP support (see page 6).

CAS9116I

EKG Device code accepted. EKG activated *on: mmm dd, yyyy* G.M.T

Reason:

Informational message issued when a valid EKG device code has been entered:

mmm

Displays the month the device was activated.

dd

Displays the day the device was activated.

yyyy

Displays the year the device was activated.

Action:

No action is required.

CAS9117A

Enter EKG Device Code or cancel to abort

Reason:

Issued in response to starting CAIRIM coding PARM=EKGP in the JCL EXEC statement.

Action:

Enter the eight-byte character code from the activated EKG device, or CANCEL to continue processing.

Note: The eight-byte character code in the action above is not case-sensitive.

CAS9118E

LMPE collection area certification failed. Probable user corruption.

Reason:

Certification of a critical CAS9 control block failed.

Action:

Report this message to CA Support.

CAS9119E

Error in OPAISTAT call, RC=*xxxx*, Reason=*xxxx*

Reason:

The OPAISTAT call to update the OPS/MVS STATEMAN table has encountered an error. The return code (RC) and reason code from the error are displayed in the message.

Action:

Contact CA Support for all errors.

CAS9120A

Enter CAIRIM Input:

Reason:

A prompt resulting from a CONSOLE control statement in the parameter file. Enter statements from the console exactly as they would appear in the parameter file. To terminate input, reply END to this prompt.

Action:

No action is required.

CAS9125E

Invalid data: *xxxxxxxx*...

Reason 1:

Invalid data has been encountered in the input parameter file. Processing continues with the next input record.

Action 1:

Review the CAIRIM parameter file for invalid data.

Reason 2:

Missing keyword, where one of the following is listed:

- LMPcode
- DATE

- Prod
- CPU

Action 2:

Verify the indicated field on the control card.

Reason 3:

One of the keywords is a duplicate, and was found more than once on the control card.

Action 3:

Verify the indicated field on the control card and remove the duplication.

Reason 4:

Product code keyword word is not two characters.

Action 4:

Verify the product code for your CA solution and confirm it is correctly defined on the control card.

Reason 5:

CPU keyword is too long.

Action 5:

Verify the correct definitions for the CPU and confirm it is correctly defined to the control card.

Reason 6:

CPU operand is too long.

Action 6:

Ensure the CPU keyword is in the proper format of mmmm-tttt.

Reason 7:

CPU serial number is not six characters.

Action 7:

Confirm that the correct serial number of six characters is defined to the CPU keyword of the control card.

Reason 8:

DATE keyword is not seven characters.

Action 8:

Confirm that the DATE keyword defined to the control card is in the format ddmmmyy.

Reason 9:

LMPcode keyword is invalid.

Action 9:

Ensure that the LMPcode on the control card has been defined correctly.

Reason 10:

Key tampering detected or transcription error.

Action 10:

Call LMP support. The LMPcode defined to the control card is now invalid.

Reason 11:

LMPcode listed ID for another CPU.

Action 11:

Verify that the LMPcode defined to the control card is correct and that you are attempting to start your CA solution on the correct CPU.

Reason 12:

The EKG control card must be the first control card (comments are ignored) in the KEYS DD.

Action 12:

Ensure that the EKG control card is first in the KEYS DD.

Reason 13:

The length of the data within the () of the EKG control card is not eight bytes long.

Action 13:

Verify that the length of the data within the () of the EKG control card is eight bytes long.

Reason 14:

More than one EKG control card was found in the KEYS DD. Only the first one is used and all others are ignored.

Note: If EKGP was entered and there is an EKG control card in the KEYS data set, then the one entered at startup is used.

Action 14:

No action is required.

Reason 15:

The EKG data entered was not correct. The control card will be ignored.

Action 15:

Reenter the data into EKG correctly and check for transcription errors.

Reason 16:

The EKG device was activated more than ten days ago. The system date must be within ten days of the date the EKG device was activated.

Action 16:

If you need to execute with dates that do not fall in this range, you must contact CA LMP support (see page 6) to get temporary execution keys.

CAS9130I

Module 'Init Routine' complete. RC=00

Reason:

A product initialization routine has successfully completed.

Action:

No action is required.

CAS9135E

Unable to allocate DS 'dsn' R*C('*error')

Reason:

A nonzero return code was returned by *z/OS* dynamic allocation. '*dsn*' is the data set name in question and '*error*' is the error and reason codes returned by SVC 99. Processing continues with the next product, unless the error is for the control statement library (SYS1.PARMLIB), in which case dynamic installation is aborted.

Action:

Ensure that the data set indicated by '*dsn*' exists and is available on this processor.

CAS9140E

Init error: *'prod'* Ver *'ppvv', 'err'*

Reason:

An error has occurred while attempting to initialize the named product. '*err*' contains one of the following as the error description:

- Parameter error—Invalid parameters were specified for the product.
- Already initialized—The product has previously been initialized.
- Allocation error—CAIRIM was unable to allocate the product LOADLIB (see message CAS9150E).
- Loadlib open error—CAIRIM was unable to open the product LOADLIB.
- Attach error—A nonzero return code from the z/OS Attach macro occurred while trying to run the initialization routine.
- Init routine RC=*nnnn*—A nonzero return code or abend occurred within the product initialization routine.

- Initialization abend—There was an abend in the initialization routine, or an error occurred while trying to execute it.
- Internal error—Internal processing error. This should only occur if the status table used to keep track of initialized products is full (this table has room for 64 products).

Action:

Any of these errors cause CAIRIM to terminate processing for the current product and continue with any remaining control statements. See the error descriptions for indication of probable error cause.

CAS9141E

F($$$) failure initializing CCI/API - RC($$$)

Reason:

Function F($$$) encountered an error during an attempt to install a service. RC($$$) is the non-zero return code from the function.

Action:

Contact CA Support.

CAS9145E

Internal abend, product initialization aborted.

Reason:

An error has occurred that cannot be isolated to a specific product. Processing terminates.

Action:

Contact your support personnel.

CAS9150E

Unable to open AUTOCMDS file.

Reason:

An error has occurred while attempting to open the AUTOCMDS file. Automatic command processing terminates.

Action:

Ensure that the file defined by the AUTOCMDS DD statement in the CAS9 procedure exists, is available on this processor, and is readable.

CAS9155I

AUTOCMD: xxxxxxxxxxxxxxxxxxx...

Reason:

Provides a listing of automatic commands as read from the AUTOCMDS file.

Action:

No action is required.

CAS9160A

AUTOCMD process interrupted. Reply any character to continue.

Reason:

Automatic command processing has detected an invalid statement.

Action:

Enter any character to continue. To correct the error, verify the control card on which the message was issued. If it occurred on a control card that had WAIT coded, ensure that the WAIT parameter is coded as WAIT(nnn), where nnn is a number of seconds from 0 to 999.

CAS9165I

AUTOCMD process interrupted for *nnn* seconds.

Reason:

A WAIT(*nnn*) command is being processed.

Action:

No action is required.

CAS9170E

Invalid WAIT request.

Reason:

An invalid WAIT time has been specified. The WAIT time must be in the format WAIT(nnn), where nnn is a number of seconds from 0 to 999.

Action:

Correct the WAIT time and reexecute CAS9.

CAS9171A

CA LMP KEYS DD not found. CA solutions using CA LMP may fail

Reason:

The LMP KEYS DD statement cannot be found.

Action:

The CA LMP KEYS for running CA solutions cannot be found. Contact the appropriate CA office for CA LMP support if you have not received your CA solution LMP KEYS. If you have your CA LMP KEYS properly stored into a library, then place the appropriate KEYS DD statement into the CAS9 procedure, and re-execute the current Job Step.

CAS9172E

CA LMP required module (*xxxxxxxx*) not found. CA LMP calls may fail.

Reason:

CAIRIM detected a missing CA LMP module during initialization.

Action:

Ensure that the indicated module is present in the CAS9 (CAIRIM) STEPLIB or system LNKLST concatenation and reexecute CAS9.

CAS9173E

Errors detected during CAIRIM initialization

Reason:

CAIRIM detected errors during CA LMP initialization.

Action:

See accompanying messages for a more detailed description of this error. Save all dumps and other diagnostics for CA Support assistance, if needed.

CAS9174I

CA-LMP SiteID ontrol card processed for Site(xxxxxxxx)

Reason:

An LMP SiteID control card was read and accepted, where xxxxxxxx is the site number from the SiteID statement.

Action:

Informational, the indicated solution will be allowed to run.

CAS9175I

Client Name (xxxxxxxxx…)

Reason:

An LMP SiteID control card was read and accepted, where xxxxxxxx is the client name from the SiteID statement.

Action:

Informational, the indicated solution will be allowed to run.

CAS9176I

Location : xxxxxxxxxx…

Reason:

An LMP SiteID control card was read and accepted, where xxxxxxxx is the location from the SiteID statement.

Action:

Informational, the indicated solution will be allowed to run.

CAS9180E

CPU @@@@@@ Requires a LMP key to run Prod (xx) *xxxxxxxxxxxxxxxxxxxx*

Reason:

Where @@@@@@ is the CPU ID, *xx* is the product code, and *xxxxxxxx*... is the product name of the software solution CAIRIM has tried to initialize. The CA LMP execution software does not possess the key to the given product on this CPU.

Action:

Contact CA LMP support (see page 6).

CAS9181A

Enforcement postponed due to *xxxxxxxxxxxxxxxxxx*

Reason:

Although your license agreement for this software solution has expired, deactivation has been postponed for the reason indicated by *xxxxxxxx*... (for example, this value could be 'WEEKEND').

Action:

Contact CA LMP support (see page 6) as soon as possible to avoid potential expiration of the CA solution licensing agreement and discontinuance of the CA solution initialization.

CAS9182A

WARNING: LMP key Prod (xx) *xxxxxxxxxxxxx ex*pires in $$$ days.

Reason:

Your CA LMP licensing agreement for this product is about to expire, where *xx* is the CA solution licensed to run on this CPU and $$$ is the number of days remaining in the license agreement.

Action:

Contact CA LMP support (see page 6) as soon as possible to avoid potential expiration of the CA solution licensing agreement and discontinuance of the CA solution initialization.

CAS9183A

Product (*xx*) usage allowed by EKG. Expiration begins in 1 day.

Reason:

Product (*xx*) will expire in one day.

Action:

Contact CA LMP support (see page 6).

CAS9190I

Product (*xx)* Key accepted for this CPU.

Reason:

An LMP control card was read and accepted, where *xx* is the product code for a particular CA solution.

Action:

Informational, the indicated solution will be allowed to run.

CAS9191I

Product (xx) Key removed from this CPU

Reason:

An LMP control statement was read and accepted, and it contained the DELETE keyword to remove this LMP key.

Action:

Informational, the indicated solution will be allowed to run.

CAS9199E

CA-ENF Old Release EVT Found - First time start - IPL Required

Reason:

You are attempting to start a new release of ENF on a system that has already had an older release started and the EVT control block has a format that is incompatible with the new release.

Action:

You must IPL before attempting to start the new release of ENF. You can restart the old release of ENF if you must wait to IPL.

CAS9200I

CA-Event Notification Facility Active.

Reason:

CAIENF has initialized successfully and is available for use by other applications.

Action:

No action is required.

CAS9201E

CA-ENF Already active on this processor.

Reason:

CAIENF has been started while another copy is active. Only a single copy of CAIENF may be active within a CPU at any time.

Action:

Stop CAIENF before attempting the restart.

CAS9202E

CA-ENF Required module not found - *xxxxxxxx*.

Reason:

CAIENF is unable to locate a required module. Initialization abends with a user 202 completion code.

Action:

Ensure that module *xxxxxxxx* exists and that all STEPLIB and LNKLST specifications are correct.

CAS9203E

CA-ENF Initialization error - terminating.

Reason:

CAIENF has encountered a database error or internal abend during initialization processing. Processing terminates with a user 203 abend.

Action:

Ensure that the database defined to CAIENF exists and has correctly initialized (see the *Administration Guide* for more information on listing the contents of a database).

CAS9204E

CA-ENF Data Element *xxxxxxxx* not available.

Reason:

CAIENF is unable to initialize a data element. Processing continues, although applications receive errors if the named data element is accessed.

Action:

Ensure that the database defined to CAIENF exists and has correctly initialized (see the *Administration Guide* for more information on listing the contents of a database). Also, ensure that the routine that processes the data element exists, and check STEPLIB and LNKLST specifications.

CAS9205E

CA-ENF Event *xxxxxxxx* inactive due to initialization error.

Reason:

CAIENF is unable to initialize an event. Processing continues although the event, if issued, is ignored.

Action:

Ensure that the database defined to CAIENF exists and has correctly initialized (see the *Administration Guide* for more information on listing the contents of a database). Also, ensure that the routine that initialized the event exists, and check STEPLIB and LNKLST specifications.

CAS9206I

CA-ENF Restart in progress.

Reason:

CAIENF is restarting after a prior shutdown or abend.

Action:

No action is required.

CAS9207E

CA-ENF Database Error *nnnn*

Reason:

CAIENF has received an error of code *nnnn* from its database component. This message is followed by other messages that give a more detailed description of the condition.

Action:

See accompanying messages.

CAS9208E

CA-ENF DB: *xxxxxxxxxxxxxxxxxxxxxxxxxxxx*

Reason:

Produced following message CAS9207E when diagnostic options are enabled. Message contains the text of a database component-generated error message.

Action:

No action is required.

CAS9209E

CA-ENF DB command: *xxxxxxxxxxxxxxxxxxxxxxxxxxxx*

Reason:

Produced following message CAS9207E when diagnostic options are enabled. Message contains the text of a database query that was issued by CAIENF.

Action:

No action is required.

CAS9210E

CA-ENF Terminating due to recursive errors.

Reason:

CAIENF has trapped recursive errors that are no longer recoverable. CAIENF abends with a user 210 completion code. Other messages explain the cause of the error.

Action:

See original error description(s).

CAS9211I

Reinit accepted - global modules will be refreshed.

Reason:

CAIENF has been restarted with the REINIT control option. All global CAIENF modules are reloaded.

Action:

No action is required.

CAS9212E

CA-ENF Operator communication interface terminating.

Reason:

The CAIENF operator command interface has experienced nonrecoverable abend conditions. Processing continues, but no further ENF commands can be processed.

Action:

Restart CAIENF at your earliest convenience.

CAS9213I

Command delayed until after ENF initialization.

Reason:

CAIENF has been started with a control option that requires CAIENF to be fully initialized. The command is delayed until CAIENF initialization completes.

Action:

No action is required.

CAS9214I

CA-ENF command: *xxx*...

Reason:

Echoes the text of an ENF operator command.

Action:

No action is required.

CAS9215I

CA-ENF Shutdown command ignored.

Reason:

The operator has not replied Y to the CAS9227 (see page 323) message. The shutdown request is ignored.

Action:

No action is required.

CAS9216E

Invalid command *xxx*...

Reason:

An invalid control option has been entered. The variable area of the message contains a description of the nature of the problem.

Action:

Correct and reenter the command.

CAS9217I

ENF DB initialization starting

Reason:

CAIENF database initialization is beginning.

Action:

No action is required.

CAS9218I

ENF DB initialization complete

Reason:

The CAIENF database component has been initialized and is now available for processing queries.

Action:

No action is required.

CAS9219E

Unexpected end of task. Task = *xxxxxxxx*, CC = *nnn*/*nnn*

Reason:

An internal CAIENF subtask has terminated or abended. Depending on the nature of the subtask, CAIENF takes corrective actions (such as reestablishing the task).

Action:

No action is required.

CAS9220E

CA-ENF Cross address space queue error - data lost

Reason:

While processing an event, CAIENF has detected an error condition (such as a storage GETMAIN failure or corruption of internal queues). Data for the current event is lost.

Action:

No action is required.

CAS9221W

Unable to open ENF parameter file - defaults taken

Reason:

During initialization, CAIENF has not been able to open or read the ENFPARMS file. Parameters entered on the start or //EXEC JCL statements are used with CAIENF system defaults.

Action:

If required, specify an //ENFPARMS DD statement within the CAIENF started task JCL.

CAS9222E

Parameter(s) missing

Reason:

CAIENF has detected an error during processing for a control option.

Action:

Correct and reenter the control option.

CAS9223E

Invalid parameters

Reason:

CAIENF has detected an error during processing for a control option.

Action:

Correct and reenter the control option.

CAS9224I

External database in use.

Reason:

During initialization, CAIENF has detected that the database it is to use is running within another address space. CAIENF continues and uses the external database.

Action:

No action is required.

CAS9225A

Verify CA-ENF shutdown request.

Reason:

The operator has entered a shutdown request. Replying other than Y causes CAIENF to ignore the shutdown and continue normal processing. If shut down, services are not available to any CAIENF product until CAIENF is restarted.

Action:

Reply Y to continue with the shutdown.

CAS9226A

WARNING: Applications which use CA-ENF will be impacted.

Reason:

The operator has entered a shutdown request. Replying other than Y causes CAIENF to ignore the shutdown and continue normal processing. If shutdown, services are not available to any CAIENF product until CAIENF is restarted.

Action:

Reply Y to continue with the shutdown.

CAS9227A

Reply "Y" to continue with termination:

Reason:

The operator has entered a shutdown request. Replying other than Y causes CAIENF to ignore the shutdown and continue normal processing. If shut down, services are not available to any CAIENF product until CAIENF is restarted.

Action:

Reply Y to continue with the shutdown.

CAS9228I

CA-ENF Application *xxxxxxxx* now active

Reason:

An internal CAIENF application has been successfully started within the CAIENF address space.

Action:

No action is required.

CAS9229E

CA-ENF Application *xxxxxxxx* inactive due to initialization error

Reason:

An internal CAIENF application has encountered an error during initialization.

Action:

Consult the documentation for the appropriate application for more information.

CAS9230W

Preceding parm/command is obsolete. If parm, remove from ENFPARMS

Reason:

The ENF parameter or command just processed is obsolete. In the event of a parameter, remove it from the ENFPARMS member. The parameter/command is ignored.

Action:

Remove the parameter from the ENFPARMS member.

CAS9231W

CA-ENF CICS support not installed.

Reason:

The CAIENF/CICS service has not been installed. No CAIENF/CICS supported features are available.

Action:

If CAIENF/CICS is not installed, see "CAIENF/CICS Requirements" in the *Installation Guide*.

If the CAIENF/CICS service is in use at your installation, see "How CAIENF/CICS Checks for Intercept Modules" in the *Administration Guide*.

CAS9232W

CA-ENF waiting for subtask termination.

Reason:

A P ENF command has been issued to stop CAIENF. At the time this message was issued, CAIENF determined that one or more of its subtasks were still active.

Action:

No action is required. If CAIENF subtasks are still active after four minutes following the initial P ENF command, CAIENF terminates the subtasks and then shuts itself down. If CAIENF writes a dump during the shutdown process, gather all relevant documentation and contact CA Support.

CAS9233I

CA-ENF refreshing *xxxxxxxx* from *xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx*

Reason:

A REFRESH command was issued for module *xxxxxxxx* from the specified library.

Action:

No action is required.

CAS9234E

***taskname* start failed, ended early or in error (CC=X'sssuuu').**

Reason

ENF was unable to initialize an IMUF operation because a critical task either could not be started, ended prematurely, or ended in error.

taskname

The name of the failing task.

sss* and *uuu

The system and user completion codes, respectively.

Action

The ENF started task terminates. Report this error to your ENF administrator.

CAS9235A

WARNING: CA-ENF shutdown may result in DB errors as backup is active.

Reason:

The operator has entered a shutdown request during CAIENF backup processing. Replying with a value other than X causes CAIENF to ignore the shutdown and continue normal processing. If shut down, the backup subtask is immediately detached, which may result in unrecoverable database errors.

Action:

Allow the CAIENF backup to complete normally by replying with a value other than Y. When the backup is complete, CAIENF can now be shut down normally through the PENF operator command.

CAS9236E

Req'd Datacom API element *modname* not found – ENF aborting.

Reason:

An executable module required by the ENF data recording component (Datacom) cannot be found in the ENF STEPLIB/JOBLIB concatenation or the z/OS LINKLIST. This is a non-deletable operator action message.

modname

The name of the missing element.

Action:

ENF initialization aborts. This message is followed by message CAS9237A (see page 326). Report this condition to your ENF administrator.

CAS9237A

Have ENF support verify Datacom installation on this system

Reason:

This message is posted in tandem with message CAS9236E to report a serious error condition while attempting to initialize the ENF Datacom component. This message advises the user to have their ENF administrator/support personnel verify proper installation of the ENF Datacom event recording component. This is a non-deletable operator action message.

Action:

See message CAS9236E (see page 326).

CAS9238E

Invalid operating system level for ENF

Reason:

ENF was started under a version and release of the operating system that is not supported by the product.

Action:

Start ENF under a supported version and release of the operating system. The minimum operating system level for ENF is z/OS 1.4.0.

CAS9240I

xxxxxxxx - Command complete.

Reason:

Signifies completion of a CAIENF command.

Action:

No action is required.

CAS9241I

No events marked for recording.

Reason:

The command XSYSLOGR=(ON|REF) was issued and there are no events currently marked as record.

Action:

Turn on event recording and issue the command again.

CAS9242I

Command has been forwarded to iMUF.

Reason

A MUF command was forwarded by IMUFCMD to the imbedded MUF (IMUF) task.

Action

None. This is an informational message.

CAS9243I

Internal database in use.

Reason

ENF acknowledgement that IMUF operation is in effect.

Action

None. This is an informational message.

CAS9244E

iMUF parameter already processed.

Reason

A previous IMUF parameter was already processed. Only one is allowed.

Action

This IMUF statement is discarded and ENF initialization continues.

CAS9245I

CA-ENF Subtask Shutdown in progress.

Reason:

An MVS STOP command was issued against the ENF address space.

Action:

No action is required.

CAS9246I

This process may take up to 2 minutes, Please wait.

Reason:

An MVS STOP command was issued against the ENF address space.

Action:

No action is required.

CAS9247I

CA-ENF Sync Dump Requested

Reason:

The shutdown process for ENF took longer than two minutes to complete, and SYNCDUMP(YES) had been specified in ENFPARMs.

Action:

Supply the DUMP to CA Support for review.

CAS9248E

CA-ENF DIAG(AP) only valid with TRACE in CSA

Reason:

ENF DIAG(AP) command was issued but trace table is not in CSA.

Action:

Change ENFPARM TRACE so that it is in the following format:

TRACE(*nnn*,CSA)

Then, recycle ENF and issue ENF DIAG(AP) command again.

CAS9249W

Listener JN(*jobname*) J#(*jobnumber*) LN(*listenername*) ended suddenly

Reason:

A CA-ENF listening application has terminated without signaling ENF that ENF services were no longer needed.

The application's ID (JES-assigned job name/number and internal listener name) is displayed in the message.

Action:

Check the log of the listening application for a possible problem.

CAS9250I

CA-ENF Status Display for system *xxxx*

Reason:

Output from the ENF STATUS operator command. The variable field defines the SMF system ID where CAIENF is running, respectively.

Action:

No action is required.

CAS9251I

Initialized at *xxxxxxxx* on *xxxxxxxx Record(xxx) DB Used(nnn%)*

Reason:

Output from the ENF STATUS operator command. The variable fields are defined as the date and time when CAIENF was initialized, whether recording of events to the database is occurring or not, and the percentage of the Datacom database that is being used.

Action:

No action is required.

CAS9252I

Intercepts(*nnn*); Collectors(*nnnn*); APPLS(*nnn*); CSA (*nnn*k)

Reason:

Output from the ENF STATUS operator command. The variable fields are defined as follows, respective to the order displayed:

- Number of event points defined to CAIENF
- Number of data elements defined to CAIENF
- Current number of users of CAIENF services
- Current amount of common storage used by CAIENF

Action:

No action is required.

CAS9253I

Events(*nnnnnnnn*); DB I/O(*nnnnnnnn*); Abends(*nnn*); Commands(*nnnn*)

Reason:

Output from the ENF STATUS operator command. The variable fields are defined as follows, respective to the order displayed:

- Total number of events issued since CAIENF started
- Total number of database I/O requests
- Total number of CAIENF abends
- Total number of operator commands
- Current number of users of CAIENF services

Action:

No action is required.

CAS9254I

Event Resp(*nnnnnn*); DB Resp(*nnnnnnnn*); Supp(*nnnnnn*); Lost(*nnnn*)

Reason:

Output from the ENF STATUS operator command. The variable fields are defined as follows, respective to the order displayed:

- Service time to process an event in microseconds
- Service time to process a DB I/O in microseconds
- Number of events not logged due to SELECT commands
- Number of events lost due to storage shortages

Action:

No action is required.

CAS9255I

Diagnose(*xxxxxxxxxx*); Status(*xxxxxxxx*) *xxxxxxxx*

Reason:

Output from the ENF STATUS operator command. The first two variable fields, in parentheses, are defined as the diagnostic option and the internal CAIENF status, respectively. The third variable field contains one of the following:

- ABENDED
- *ACTIVE*
- INACTIVE

Action:

No action is required.

CAS9256I

Sysout(*x*); Destination(*xxxxxxxx*); Trace(*nnnn*); Exit(*xxx*)

Reason:

Output from the ENF STATUS operator command. The variable fields are defined as follows, respective to the order displayed:

- SYSOUT class to be allocated for ENF DUMP command
- SYSOUT destination for ENF DUMP command
- Size of trace table in 1KB byte segments
- Status of installation exit

Action:

No action is required.

CAS9257I

Timer(*nnnn*,*nnnn*); Backup(*xxxxx*); Detail(*nnnn*); Summary(*nnnn*)

Reason:

Output from the ENF STATUS operator command. The variable fields are defined as follows, respective to the order displayed:

- Threshold values for time-driven database updating
- Status of automatic archive feature
- DB retention of events designated DETAIL
- DB retention of events designated SUMMARY

Action:

No action is required.

CAS9258I

Queue(*nnnnnnn*); Size(*nnnnn*K); Limit(*nnnnnnn*K); MaxQTime(*nnn*,%)

Reason:

Output from the ENF STATUS operator command. The variable fields are defined as follows, respective to the order displayed:

- Current depth of CAIENF private area event queue.
- Current length of CAIENF private area event queue.
- Limit size of event queue.
- Time limit, in minutes, that an application with events queued to it is allowed to listen for the events before a warning message is issued that the MAXQTIME threshold has been reached and an SVCDUMP is taken.

Action:

No action is required.

CAS9259I

Archive: DSN(*xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx*)

Reason:

Output from the ENF STATUS operator command. The variable fields are defined as follows:

- Data set prefix for archive data sets

Action:

No action is required.

CAS9260I

Unit(xxxxxxxx); Label(xx); Retpd(*nnn*); Space(*nnnn*,*nnnn*) *xxxxxxx*

Reason:

Output from the ENF STATUS operator command. The variable fields are defined as follows, respective to the order displayed:

- Unit name for allocating archive data sets
- Label type for tape resident archive data sets
- Retention period for archive data sets
- Primary and secondary space for DASD archive data sets
- CATALOG indicator for archive data sets

Action:

No action is required.

CAS9261I

Recovery(*xxxxxxxx*); Recovery Queue(*nnnnnn*)

Reason:

Output from the ENF STATUS operator command. The variable fields are defined as follows, respective to the order displayed:

- Status of CAIENF checkpoint and recovery feature
- Length of internal recovery queue

Action:

No action is required.

CAS9262I

Appl(*jobname jobnumber listenername*) Events($$$$) *xxxx xxxx*

Reason:

Response from the ENF APPL operator command. The variable fields, with respect to the order displayed, are defined as follows:

Appl(*jobname jobnumber listenername*)

Identifies the application currently listening for CAIENF events. The ID consists of the application's JES-assigned job name/number and internal listener name.

Events($$$$)

Displays the number of events for which the application is currently listening.

xxxx xxxx

Indicates the status of the application. This can be one of six conditions:

- WAIT - The application is waiting for events from CAIENF.
- ACT - The application is processing CAIENF events.
- WAIT DIS - The application is waiting for events from CAIENF but has been disabled by the ENF dispatcher.
- ACT DIS - The application is processing CAIENF events but has been disabled by the ENF dispatcher.
- WAIT RECV - The application is waiting while recovering CAIENF events.
- ACT RECV - The application is processing recovered CAIENF events.

Action:

No action is required.

CAS9263I

No CA-ENF applications are currently active

Reason:

Response from the ENFAPPL operator command. CAIENF has determined there are no applications actively listening for CAIENF events.

Action:

No action is required.

CAS9264I

Queued(*nnnnnnnn*) Elapsed(*nnn:nn*)

Reason:

Response from the ENF APPL operator command. The variable fields, with respect to the order displayed, are defined as follows:

Queued(*nnnnnnnn*)

The number of CAIENF events queued to the application.

Elapsed(nnn:nn)

The elapsed time, in minutes and seconds, since the application last listened for CAIENF events.

Action:

No action is required.

CAS9265I

DC(*xxxxxxxx*) Status(*xxxxxxxx*) Format(*x-nnn*)

Reason:

Output from the ENF DCOL operator command. The variable fields are defined as follows, respective to order displayed:

- Data element name
- Status of data collector
- Format and length of data collector

Action:

No action is required.

CAS9266I

Events(*nnn-nnnnnn*) *xxxxxxxx xxxxxxxx*

Reason:

Output from the ENF DCOL operator command. The variable fields are defined as follows, respective to order displayed:

- Number of events that reference this element
- Count of times element collected
- Indicator of diagnostic options

Action:

No action is required.

CAS9267I

CICS Status: (Auto-install feature *xxxxxxxx*)

Reason:

Output from the ENF STATUS operator command. The variable field is defined as status of the CAIENF/CICS service.

Action:

No action is required.

CAS9268I

xxxxxxxx*(*xxxxxxxx*) - Appl(*xxxxxxxx*) ASCB(*nnnnnnnn*) *xxxxxxxx

Reason:

Output from the ENF STATUS operator command. The variable fields are defined as follows, respective to the order displayed:

- CICS jobname or number where CAIENF/CICS is active.
- CICS VTAM applid where CAIENF/CICS is active.
- CICS ASCB address where CAIENF/CICS is active.
- CAIENF/CICS status in a CICS region is:
  - -TIVE* when intercepts are installed.
  - INACTIV when intercepts are not installed.

Action:

No action is required.

CAS9269I

***nnn* CICS address spaces monitored**

Reason:

Output from the ENF STATUS operator command. The variable field is defined as the total number of CICS regions with CAIENF installed.

Action:

No action is required.

CAS9270I

EVT(*nnnnnnnn*) ECT(*nnnnnnnn*) DCT(*nnnnnnnn*) LEQ(*nnnnnnnn*)

Reason:

Output from the ENF MAP operator command. Output contains the addresses of various internal CAIENF control blocks and modules.

Action:

No action is required.

CAS9271I

MNGR(*nnnnnnnn*) TIMR(*nnnnnnnn*) OCOM(*nnnnnnnn*) UNIV(*nnnnnnnn*)

Reason:

Output from the ENF MAP operator command. Output contains the addresses of various internal CAIENF control blocks and modules.

Action:

No action is required.

CAS9272I

TRAC(*nnnnnnnn*) MSG(*nnnnnnnn*) XMS(*nnnnnnnn*) EVNT(*nnnnnnnn*)

Reason:

Output from the ENF MAP operator command. Output contains the addresses of various internal CAIENF control blocks and modules.

Action:

No action is required.

CAS9273I

USRI(*nnnnnnnn*) SVC(*nnnnnnnn*) ERR(*nnnnnnnn*) DBUG(*nnnnnnnn*)

Reason:

Output from the ENF MAP operator command. Output contains the addresses of various internal CAIENF control blocks and modules.

Action:

No action is required.

CAS9274I

EXIT(*nnnnnnnn*) LCAM(*nnnnnnnn*) SRVC(*nnnnnnnn*) CTAB(*nnnnnnnn*)

Reason:

Output from the ENF MAP operator command. Output contains the addresses of various internal CAIENF control blocks and modules.

Action:

No action is required.

CAS9275I

VAT(*nnnnnnnn*) HAT(*nnnnnnnn*) RRT(*nnnnnnnn*) RVT(*nnnnnnnn*)

Reason:

Output from the ENF MAP operator command. Output contains the addresses of various internal CAICCI control blocks and modules.

Action:

No action is required.

CAS9276I

MSGT(*nnnnnnnn*) SSI(*nnnnnnnn*) CCIV(*nnnnnnnn*) EDB2(*nnnnnnnn*)

Reason:

Output from the ENF MAP operator command. Output contains the addresses of various internal CAIENF control blocks and modules.

Action:

No action is required.

CAS9277I

SYSID(*xxxx*) PRO(*nnnnnnnn*) CON(*nnnnnnnn*) NODE(*nnnnnnnn*)

Reason:

Output from the ENF MAP operator command. The output contains the address of various internal CAIENF control blocks and the SYSID specified in ENFPARMS.

Action:

No action is required.

CAS9280I

Event(*xxxxxxxx*) Status(*xxxxxxxx*) *xxxxxxxx xxxxxxxx xxxxxxxx*

Reason:

Output from the ENF EVENT operator command. The variable fields are defined as follows, respective to the order displayed:

- Event name
- Status of event\
- RECORD/NORECORD/SELECT
- Processing options
- Retention period

Action:

No action is required.

CAS9281I

Logged if *xxxxxxxx xx xxxxxxxxxx*

Reason:

Output from the ENF EVENT operator command. The variable fields are defined as follows, respective to the order displayed:

- Selective logging data element name
- Selective logging operand
- Selective logging mask value

Action:

No action is required.

CAS9282I

***nnnnnnnn* Events have occurred.**

Reason:

Output from the ENF EVENT operator command. The variable field is defined as number of times event has been issued.

Action:

No action is required.

CAS9283E

Unable to allocate ENFDUMP SYSOUT file. RC = *nnnnnnnn*

Reason:

While processing an ENF DUMP command, CAIENF was unable to dynamically allocate a SYSOUT file. RC contains the dynamic allocation return code and reason code in hexadecimal. The dump is not written.

Action:

Examine the dynamic allocation return codes. If required, place an ENFDUMP DD statement in the CAIENF started task JCL to override the dynamic allocation request.

CAS9284E

Unable to open ENFDUMP. Dump command aborted.

Reason:

While processing an ENF DUMP command, CAIENF was unable to open the dump output file.

Action:

If using a pre-allocated ENFDUMP DD statement, ensure that all JCL parameters are correct.

CAS9285E

Appl(*jobname jobnumber listenername*) disabled

Reason:

The CAIENF application had one or more events queued to it and the elapsed time since the application last listened for events has exceeded the limit. All events queued to the application have been dropped and no more events will be queued to the application.

The application's ID (JES-assigned job name/number and internal listener name) is displayed in the message.

Action:

Ensure the application is functioning properly. Search the problem reporting databases for a solution. If you are unable to be resolved the problem, contact CA Support.

CAS9286I

SCREEN if *xxxxxxx xx xxxxxxxx*

Reason:

Output from the ENF event, ENF select, or ENF screen operator command. The variable fields are defined as follows, respective to the order display:

- Selective screened data element name
- Selective screened operand
- Selective screened mask value

Action:

No action is required.

CAS9287I

No CA-ENF MSGEVENTs are currently defined

Reason:

Response from the ENF MSGEVENT operator command. CAIENF has determined there are no installation-defined messages that ENF is to intercept and generate JOBFAIL events for.

Action:

No action is required.

CAS9288I

Prefix(*xxxxxxxxxxxxxxxx*); Type(*xxxxxxxx*)

Reason:

Response from the ENF MSGEVENT operator command.

where:

Prefix(*xxxxxxxxxxxxxxxx*)

The message prefix.

Type(*xxxxxxxx*)

The JOBFAIL event type.

Action:

No action is required.

CAS9289I

Desc(*xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx*)

Reason:

Response from the ENF MSGEVENT operator command.

where:

Desc(xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)

The JOBFAIL event description.

Action:

No action is required.

CAS9290I

NameCol($$$); NbrCol($$$)

Reason:

Response from the ENF MSGEVENT operator command.

NameCol(*$$$*)

The starting column number of the job name in the intercepted message, or zero if the originating job name is used.

NbrCol(*$$$*)

The starting column number of the job number in the intercepted message, or zero if the originating job number is used.

Action:

No action is required.

CAS9291I

JName(*jobname*) JNumber(*jobnumber*) LName(*listenername*)

Reason:

One or more CAS9291I messages immediately follow message CAS9307W, showing the ID of applications that have **not** responded in a timely manner, indicating a possible stalled condition.

The ID consists of the application's JES-assigned job name/number and internal listener name.

Action:

See the action to be taken in message CAS9307W.

CAS9292E

HealthChecker *xxxx* failed RC(X'*hhhhhhhh*') Reason(X'*hhhhhhhh*')

Reason:

Health Checker function *xxxx* failed. The return code from the function and the reason code provide details about the failure.

Action:

Save all dumps and other diagnostics and contract CA Support for assistance.

CAS9293I

***nnn* of *nnn* ENF HealthCheck monitor(s) reqistered.**

Reason:

This informational message reports the number of ENF Health Check monitors that successfully registered with the HealthChecker.

Action:

If the number of Health Check monitors is not equal to the total number of monitors, look for any CAS9292E messages to determine why some of the monitors did not successfully register. If the numbers are equal, there is no need for any additional action.

CAS9294E

CA-ENF Address Space Abend *nnnn*

Reason:

An abend has occurred within a CAIENF address space subtask. The variable field displays the abend code.

Action:

See accompanying messages for more detailed description of the error. Save all dumps and other diagnostics for CA Support assistance, if required.

CAS9295E

MODULE = *xxxxxxxx* PSW = *nnnnnnnn nnnnnnnn* OFFSET = *nnnn*

Reason:

An abend has occurred within a CAIENF address space subtask. The variable fields are defined as follows, respective to the order displayed:

- Module name
- PSW at time of error
- Offset into failing module if known

Action:

See accompanying messages for a more detailed description of the error. Save all dumps and other diagnostics for CA Support assistance, if required.

CAS9296E

R0-R3 ***nnnnnnnn nnnnnnnn nnnnnnnn nnnnnnnn***

Reason:

An abend has occurred within a CAIENF address space subtask. The variable fields indicate Registers 0 through 3 at the time of error.

Action:

See accompanying messages for a more detailed description of the error. Save all dumps and other diagnostics for CA Support assistance, if required.

CAS9297E

R4-R7 ***nnnnnnnn nnnnnnnn nnnnnnnn nnnnnnnn***

Reason:

An abend has occurred within a CAIENF address space subtask. The variable fields indicate Registers 4 through 7 at the time of error.

Action:

See accompanying messages for a more detailed description of the error. Save all dumps and other diagnostics for CA Support assistance, if required.

CAS9298E

R8-RB ***nnnnnnnn nnnnnnnn nnnnnnnn nnnnnnnn***

Reason:

An abend has occurred within a CAIENF address space subtask. The variable fields indicate Registers 8 through 11 at the time of error.

Action:

See accompanying messages for a more detailed description of the error. Save all dumps and other diagnostics for CA Support assistance, if required.

CAS9299E

RC-RF *nnnnnnnn nnnnnnnn nnnnnnnn nnnnnnnn*

Reason:

An abend has occurred within a CAIENF address space subtask. The variable fields indicate Registers 12 through 15 at the time of error.

Action:

See accompanying messages for a more detailed description of the error. Save all dumps and other diagnostics for CA Support assistance, if required.

CAS9300E

CA-Event Notification Facility Now Inactive.

Reason:

CAIENF has been shut down or a critical error has forced termination of the CAIENF address space. CAIENF services are no longer available to products that may require them.

Action:

If not in response to a shutdown request, restart CAIENF.

CAS9301E

Data being buffered.

Reason:

A database error has occurred that prevents CAIENF from logging data. CAIENF buffers data within its address space and periodically retries the request.

Action:

Correct the database problem. If not possible, enter the ENF RECORD(NO) operator command to free buffered data and prevent further database access.

Note: ENF RECORD(NO) prevents the recovery of events that occur *after* this command is issued.

CAS9302W

CA-ENF Now has *nnnnnn* buffers.

Reason:

A reminder that CAIENF has encountered a database error and is buffering data. CAIENF issues this message following CAS9301E after the internal queue reaches 500 entries.

Action:

Correct the database problem. If not possible, enter the ENF RECORD(NO) operator command to free buffered data and prevent further database access.

CAS9303E

Event *xxxxxxxx* no longer recorded due to DB error *nnnn*

Reason:

A database error has occurred that prevents CAIENF from logging data for a specific event. The event has been altered to NORECORD.

Action:

Correct the database problem by referring to messages CAS9207E, CAS9208E, or CAS9209E, which should accompany the CAS9303E message.

- If the database problem can be corrected, enter the ENF EVENT(name,RECORD) command to begin recording the event again.
- If the database problem cannot be corrected, locate the internal return code identified by *nnnn* in the CAS9303E message, as well as any accompanying error messages, and contact CA Support.

CAS9304I

M*nnn*Help: *help text*

Reason:

This message is comprised of one or more lines of follow-up help text that may be posted to the ENF message log by various ENF components following detection of certain error conditions. Help messages are designed to assist users in quickly identifying and resolving error conditions that may simply be due to inappropriate user specifications or configuration parameters.

nnn

Identifies the originating error message number (ID) that usually precedes the corresponding help message.

help text

Identifies the problem in more detail and may provide additional problem-resolution data and recommend corrective action. Includes up to 40 characters of text per line.

Action:

The originating error message number (ID) or the help message may suggest a course of action.

CAS9305W

CA-ENF Global storage not freed. A=*nnnnnnnn*, L=*nnnnn*, SP=*nnn*

Reason:

A FREEMAIN macro for CSA has failed. Storage at the address length and subpool given is not freed.

Action:

If the problem persists, contact CA Support.

CAS9306W

xxxx* Freemain failure. Event = *xxxxxxxx*, A=*nnnnnnnn*, L=*nnnnn

Reason:

A FREEMAIN macro for storage within the CAIENF address space has failed. Storage at the address length and subpool given is not freed.

Action:

If the problem persists, contact CA Support.

CAS9307W

Following application(s) approaching MAXQTIME.

Reason:

One or more CAIENF applications have events queued to them, and the elapsed time since the application last listened for events is approaching the MAXQTIME limit, indicating the application may be stalled. If the application does not listen for events before the elapsed time exceeds the MAXQTIME limit, the application will be disabled if MAXQTIME is set in DISABLE mode, otherwise just an SVCDUMP is taken.

This message is followed by one or more instances of message CAS9291I, which display the ID of the possibly stalled application/listener.

Action:

Use the ENF APPL operator command to identify the applications with events queued to them and elapsed time approaching the MAXQTIME limit. Ensure the applications are functioning properly. Use the ENF STATUS operator command to review the MAXQTIME setting. If necessary, use the ENF MAXQTIME control option to change the MAXQTIME setting.

CAS9308E

Invalid character(s) in DCM *fieldname "fieldvalue"*

Reason:

Invalid characters were detected in a DCM configuration statement.

fieldname

Identifies the field name in error.

fieldvalue

Specifies the actual value from the configuration statement.

Action:

CAS9DCM processing terminates. Report this error to your ENF administrator.

CAS9309E

Unable to open *did* dataset DDN:*ddname*

Reason:

The *did* data set identified by *ddname* could not be opened. *did* is the data set ID. The most likely cause is a missing DD statement.

Action:

ENF startup terminates. Report this error to your ENF administrator.

CAS9310E

Required parameter “DCM object name” is omitted.

Reason:

This is an error. The DCM object name was omitted from the DCM command or statement.

Action:

CAS9DCM processing terminates for the current DCM command or statement.

CAS9311I

DCM object "*objname*"is a duplicate - discarded.

Reason:

DCM object *objname* is a duplicate of a previously stowed object.

Action:

This message is informational only. The duplicate DCM is ignored.

CAS9312E

Load failed for DCM object "*objname*" – X'*return*'/X'*reason*'.

Reason:

DCM object *objname* could not be loaded into storage.

return/reason

The z/OS LOAD request return and reason codes.

Action:

CAS9DCM processing terminates for the current DCM. See LOAD macro errors in the *z/OS Assembler Services Reference* for an explanation of the error *return/reason* codes. This error should be reported to your ENF administrator.

CAS9313E

DCM object *"objname"* is corrupted or is not a DCM.

Reason:

DCM object *objname* failed CAS9DCM integrity checking.

Action:

CAS9DCM processing terminates. This error should be reported to your ENF administrator.

CAS9314E

DCM processing completed with error.

Reason:

Processing of the current DCM statement completed in error. Error details can be found immediately preceding this message.

Action:

CAS9DCM processing terminates. Report this error to your ENF administrator.

CAS9315E

No usable DCMs found in ENFPARMS - ENF start terminated.

Reason:

DCMs are required for ENF.

Action:

This is an error; the ENF-started task terminates.

CAS9316E

***callerid*/DBC "*request*" failed - rc(*rc*) r/s(X'*diag*')**

Reason:

DBC request failed.

callerid

A four-byte string identifying the DBC component that issued the request. All SQL return codes are negative and are preceded by a minus sign.

rc

The failing return code.

diag

Depending on the *request*, this is either a DBC reason code or SQL error qualifying code.

Action:

Depending on the issuing component and severity of the error, ENF processing may terminate or an attempt may be made to recover from the error. See the *CA Datacom®/DB Message Guide* for an explanation of error return and reason codes. This error should be reported to your ENF administrator.

CAS9317E

Inappropriate DCM command/statement entry.

Reason:

A DCM statement was detected in the wrong ENF startup data set or there was an attempt to process a DCM command through the ENF command processor. DCM statements are permitted in the ENFPARMS data set only. Entering DCM statements through the ENF command processor is not allowed.

Action:

This is an error. The DCM command or statement is ignored.

CAS9318E

DBC initialization exceeded maximum time allowed.

Reason:

DBC initialization exceeded the maximum allowable time of one minute.

Action:

CAS9MNGR processing abnormally terminates with a U205 abend. Report this error to your ENF administrator.

CAS9319I

Duplicate DCM *id* element "*elementname*" in *dcm* discarded.

Reason:

DCM configuration processing detected a duplicate element in a DCM load module.

id

Either “data” or “event.”

elementname

The data or event name.

dcm

The name of the DCM load module where the duplicate element was found.

Action:

This message is informational only. The duplicate element is discarded and processing continues. Report this condition to your ENF administrator.

CAS9320E

Conflicting *attrid* attribute detected in event *eventname*.

Reason:

DCM configuration processing detected a conflict (mismatch) between an attribute in a DCM object event and its counterpart in the database.

attrid

A string identifying the unmatched attribute.

For example, *attrid* might contain the string "*#columns*" to indicate the number of columns (data items) found in the DCM did not match the number of columns found in the database.

eventname

The name of the event.

Action:

This is an error. Recording for *eventname* is disabled. This message is followed by either message CAS9328W (see page 358) or CAS9329E (see page 359). Report this condition to your ENF administrator.

CAS9321E

Symptom dump output for task *xxxxxxxx*

Reason:

As a result of an error in an ENF task, program call routine, or SRB routine, a symptom dump is being captured for the task shown in the message.

Action:

Review the system log for other messages regarding the cause of the failure. Search the problem reporting databases for a fix for the problem. If the problem is unable to be resolved, contact CA Support.

CAS9322E

Completion code=*xxxxx*, Reason code=*xxxxxxxx*

Reason:

This message is part of the symptom dump resulting from an error in an ENF task and identifies the ABEND completion code and reason code.

Action:

No action is required.

CAS9323E

PSW at time of error=*nnnnnnnn nnnnnnnn*, ILC=*n*, INTC=*nn*

Reason:

This message is part of the symptom dump resulting from an error in an ENF task and identifies the following:

- The contents of the program status word at the time of the error
- The instruction length code of the failing instruction
- The interrupt code for the failing instruction

Action:

No action is required.

CAS9324E

Active load module name=*xxxxxxxx*, address=*nnnnnnnn*, offset=*nnnnnnnn*

Reason:

This message is part of the symptom dump resulting from an error in an ENF task and identifies the following:

- The active load module name
- The load point address
- The offset within the load module of the failing instruction

Action:

No action is required.

CAS9325E

Data at PSW *nnnnnnnn* - *nnnnnnnn nnnnnnnn nnnnnnnn*

Reason:

This message is part of the symptom dump resulting from an error in an ENF task. It identifies the PSW next sequential address minus 6, and the contents of the three full words beginning at that address.

Action:

No action is required.

CAS9326E

Data at PSW [is unavailable at this time|is inaccessible by user]

Reason:

This message is part of the symptom dump resulting from an error in an ENF task. It indicates that the virtual storage at the PSW next sequential instruction address is either unavailable at this time (unallocated) or is inaccessible by the task in error.

Action:

No action is required.

CAS9327E

AR/GR *nn: nnnnnnnn/nnnnnnnn_nnnnnnnn nn: nnnnnnnn/nnnnnnnn_nnnnnnnn*

Reason:

This message is part of the symptom dump resulting from an error in an ENF task. It identifies the contents of the access registers and general purpose registers at the time of the error.

Action:

No action is required.

CAS9328W

Recording is disabled for inactive event "*eventname*".

Reason:

This is a follow-on message to a previous error message.

Action:

This is a warning message. The recording for inactive event *eventname* is disabled. Report this condition to your ENF administrator.

CAS9329E

Recording is disabled for active event "*eventname*".

Reason:

This is a follow-on message to a previous error message.

Action:

This is a warning message. The recording for active event *eventname* has been disabled. Report this condition to your ENF administrator.

CAS9330E

Erroneous "*attrid*" attribute detected in "*eventname/attrname*"

Reason:

DCM configuration processing detected an erroneous attribute in a DCM object.

attrid

A string identifying the attribute in error.

For example, *attrid* might specify *datalen* to indicate the length of the attribute exceeded the maximum allowed for the attribute type.

eventname

The name of the event.

attrname

The name of the data element in the event.

Action

This is an error message. Recording for eventname is disabled. This message is followed by either message CAS9328W (see page 358) or CAS9329E (see page 359). Report this condition to your ENF administrator.

CAS9331I

SVC dump for task *xxxxxxxx* captured

Reason:

An SVC dump was captured for the task shown in the message a result of the following:

- An operator SVCDUMP command
- An ENF processing error
- The abnormal termination of an ENF task, program call routine, or SRB routine

Action:

No action is required.

CAS9332W

SVC dump for task *xxxxxxxx* suppressed by *xxxxxxxxxxxx*

Reason:

An attempt was made to capture an SVC dump for the task shown in the message as a result of the following:

- An operator SVCDUMP command
- An ENF processing error
- The abnormal termination of an ENF task, program call routine, or SRB routine

However, the SVC dump was suppressed by the MVS component shown in the message. The MVS component is one of the following:

- CHNGDUMP
- SLIP NODUMP
- DAE

Action:

No action is required.

CAS9333E

SVC dump for task *xxxxxxxx* failed, RC=*nnnnnnnn*, RSN=*nnnnnnnn*

Reason:

An attempt was made to capture an SVC dump for the task shown in the message as a result of the following:

- An operator SVCDUMP command
- An ENF processing error
- The abnormal termination of an ENF task, program call routine, or SRB routine

However, the attempt failed with the return code and reason code identified in the message.

Action:

Review the system log for other messages regarding the cause of the failure. Search the problem-reporting databases for a solution to the problem. If the problem is unable to be resolved, contact CA Support.

CAS9334E

Conflicting *attrid* attribute detected in *eventname/attrname*.

Reason:

DCM configuration processing detected a conflict (mismatch) between an attribute in a DCM object event and its counterpart in the database. This error message reports the same condition as that in message CAS9320E (see page 356), except that this message also includes the name of the attribute.

attrid

A string identifying the unmatched attribute.

For example, *attrid* might specify *datatype* to indicate that the datatype of a particular column found in the DCM did not match the datatype of its corresponding entry in the database.

eventname

The name of the event.

attrname

The name of the attribute in error.

Action:

The recording for *eventname* is disabled. This message is followed by either message CAS9328W (see page 358) or CAS9329E (see page 359). Report this condition to your ENF administrator.

CAS9335I

Event "*eventname*" added to database.

Reason:

New event *eventname* from a DCM object has been successfully stowed in the database.

Action:

This message is informational only. No action is required.

CAS9336E

A problem occurred processing event "*eventname*".

Reason:

This is a follow-on message to a previous error condition.

Action:

Check the log for error message details immediately preceding this message.

CAS9337I

DBC/API initialized successfully.

Reason:

The DBC application programming interface has been successful initialized.

Action:

This is an informational message. No action is required.

CAS9338I

DBC/API termination acknowledged.

Reason:

ENF has received and acknowledged a request to terminate the DBC application programming interface.

Action:

This message is informational only. No action is required.

CAS9339I

Event "*eventname*" verified against database.

Reason:

Event *eventname* from a DCM object has been successfully verified against its counterpart in the database.

Action:

This is an informational message. No action is required.

CAS9340I

Message text

Reason:

This message is used to report error messages formatted and returned by Datacom and the SQL interface.

Action:

Look in the Datacom Messages Guide for more information about this message.

CAS9341E

***command* cannot be processed at this time. Reason=*rr*.**

ENF operator command *command* could not be processed for the following (*rr*) reason:

01

A “start-up only” command was issued after ENF completed initialization.

02

A command was issued in an improper environment (for example, an IMUFCMD command was issued when not in IMUF mode), or the command receiver was busy and momentarily could not accept the request.

The command is not processed and ENF processing continues. The reason may be a temporary condition.

Action

If *rr* is 02, try reissuing the command. If the error persists, report this condition to your ENF administrator.

CAS9346E

Database not active - archive cannot be done.

Reason:

A database archive (backup) request was received, but database operations are not currently active.

Action:

The archive or backup request is discarded.

CAS9347I

<……>

Reason:

Message CAS9347I displayed unnumbered status messages generated by the ENF database archiver. The archiver is invoked whenever an automatic archiving cycle has been triggered, or an ENF ARCHIVE command has been received.

Action:

This message is informational only. No action is required.

CAS9348E

DCM index field improperly specified for event *eventname/objectname*

Reason:

The index parameter in the EDCM definition for the event in the DCM object does not contain all the required fields. At a minimum the index parameter in each EDCM must contain the elements DATEL, TIME, SYSNAME, and ENFUNIQ.

eventname

The name of the event.

attrname

The name of the attribute in error.

Action:

The recording for *eventname* is disabled. This message is followed by either message CAS9328W (see page 358) or CAS9329E (see page 359). Report this condition to your ENF administrator.

CAS9349I

DBC entering quiesce mode due to <*reason*>.

Reason:

The database control task (DBC) is severing the connection to the database server (Datacom) and temporarily shutting down due to the indicated reason.

<reason>

The reason for the shut down.

Action:

At 5-minute intervals, ENF attempts to establish the connection with the database server again. If the connect attempt fails, the database server remains in drain mode and message CAS9316E is posted to the ENF message log indicating a connect failure. When the reconnect attempt succeeds, the DBC will be restarted and normal ENF database operations are restored.

CAS9350I

CA-ENF Database Archive/Purge commencing at yyyydddhhmmssth

Reason:

The CAIENF database archive has been triggered to begin at the date/timestamp indicated by yyyydddhhmmssth.

Action:

No action is required.

CAS9351I

CA-ENF Database archive complete, *nnnnnnnn* records written.

Reason:

The CAIENF automatic database archive has completed. The message contains the total number of records archived.

Action:

No action is required.

CAS9352E

ENFBKUP SYNAD: *xxx*...

Reason:

The CAIENF automatic database archive has encountered an I/O error while writing an archive data set.

Action:

No action is required.

CAS9353E

CA-ENF Checkpoint processing terminating due to error.

Reason:

The CAIENF checkpoint and recovery routine has encountered an error. Checkpoint and recovery processing is no longer available to CAIENF applications.

Action:

No action is required.

CAS9354I

Archive complete for event *xxxxxxxx*, *nnnnnn* records written.

Reason:

The CAIENF automatic database archive has completed processing for the named event. *nnnnnn* contains the total number of records written.

Action:

No action is required.

CAS9356I

CA-ENF database archive complete, no records available for archive.

Reason:

CAIENF has determined there were no records available that met the archive criteria. Other events that may have been available were defined beyond the retention period or designated for purge.

Action:

No action is required.

CAS9357W

CA-ENF database archive cannot commence. Has already run today

Reason:

The CAIENF database archive can only execute once a day if ARCHIVE(AUTO) is specified.

Action:

If there is expired event data on the CAIENF database following the issuance of this message, perform one of the following:

- Force an unscheduled backup through the ENF ARCHIVE operator command, resetting the time interval, or by specifying ARCHIVE(NOW).
- Execute the archive utility through a batch job.

If this message is repeatedly issued to the console and there is no expired event data available for archive, it may be necessary to allocate a larger CAIENF database.

CAS9358E

Database subtask being terminated and restarted due to error.

Reason:

CAIENF logging has detected an internal problem in the database subtask and is in the process of canceling the current database subtask.

Action:

No action is required.

CAS9359E

Unrecoverable Database subtask failure detected. Recycle ENF.

Reason:

Review message CAS9358E, which indicates database subtask termination. If the database subtask is not available within five minutes after the reinitialization attempt begins, this message is displayed.

Action:

Shut down ENF and restart the service.

CAS9360E

Backup/Archive processing terminated due to database error.

Reason:

The CAIENF automatic database archive cannot retrieve the data it needs due to a database error.

Action:

Ensure that the database defined to the archive routine exists and has been correctly initialized (see the *Administration Guide* for more information on listing the contents of a database).

CAS9361E

Unable to process archive file. Processing terminated.

Reason:

The CAIENF automatic database archive cannot allocate or open the archive file. Archive processing is terminated.

Action:

If using a dynamically allocated archive file, ensure that the parameters specified for DSN, UNIT, SPACE, LABEL, and CATALOG are correct (see message CAS9362E). If using a pre-allocated file, verify the allocation parameters for the data set.

CAS9362E

SVC 99 ERROR - R15 = *nnnn*, DARC = *nnnnnnnn*

Reason:

CAIENF has encountered a dynamic allocation error.

Action:

Check for one of the following conditions and take action as needed:

- If the error occurred during CAIENF startup, verify the unit and space of the WORKDS parameter.
- If the error occurred during the CAIENF database archive, ensure that the parameters specified for DSN, UNIT, SPACE, LABEL, and CATALOG are correct.
- If neither of the above action items applies, note the R15 and DARC fields of the message and contact CA Support for further details.

CAS9363I

Refreshing module(s) ***xxxxxxxx,xxxxxxxx,xxxxxx***

Reason:

The global modules identified by the message variable are being refreshed to apply or remove maintenance.

Action:

No action is required.

CAS9364I

Refreshing loadlib: ***xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx***

Reason:

The load library identified by the message variable is being refreshed.

Action:

No action is required.

CAS9365I

Refreshing module(s) from STEPLIB/LINKLIST.

Reason:

The modules contained in the linklisted STEPLIB are being refreshed.

Action:

No action is required.

CAS9367E

Unable to evaluate database state for auto-ARCHIVE

Reason:

The query for the database's current capacity failed. Whether or not to archive cannot be determined.

Action:

See message CAS9316E for more information concerning the failure.

CAS9368E

Error processing command: *xxxxxxxx* / Function: *xxxx* / RC = *xxxxxxxx*

Reason:

An error has occurred during processing of the command defined by the message variable.

Action:

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

CAS9369E

Command is valid only during CAIENF initialization.

Reason:

The command just issued is invalid because CAIENF has already been initialized.

Action:

Reissue the command during CAIENF initialization.

CAS9370W

CA-ENF database archive is required for JOB=*xxxxxxxx*

Reason:

CAIENF has determined that a database backup is required for the JOB in question, where *xxxxxxxx* is the job name or job number associated with the active database.

Action:

If ENF ARCHIVE is set to AUTO, no action is required. CAIENF initiates the backup process. If the AUTO backup has already run today, as indicated by message CAS9357W and there is expired event data on the CAIENF, force an unscheduled backup through the ENF ARCHIVE operator command, ENF ARCHIVE(NOW), or execute the archive utility through a batch job.

If ENF ARCHIVE is set to a user-defined time interval, then do one of the following:

- Force an unscheduled backup through the ENF ARCHIVE operator command, resetting the time interval, or by specifying ARCHIVE(NOW).
- Execute the archive utility through a batch job.

If this message is repeatedly issued to the console, and there is no expired event data available for archiving, it may be necessary to allocate a larger CAIENF database.

CAS9371E

CA-ENF database is full. Immediate action is required.

Reason:

The database is full.

Action:

Use the ENF PURGE(*event_name*) operator command to clear the database. You should only purge event data that is not critical to the running of your CA solutions. If purging event data is unsuccessful, the current CAIENF database must be deleted. Allocate and initialize a new CAIENF database.

CAS9372I

Database space allocation too small for JOB=*xxxxxxxx*

Reason:

The space allocation for a CAIENF database that the batch utility is currently executing against is too small.

Action:

Scratch and reallocate the CAIENF database with a larger space allocation.

CAS9373I

Purge complete for event *xxxxxxxx*, *nnnnnn* records are deleted.

Reason:

The CAIENF database has completed purging the named event. nnnnnn contains the total number of records deleted.

Action:

No action is required.

CAS9374I

Database is at *nn*% of capacity – *xxxxxxxxxx*...

Reason:

The archive process is either starting now (auto-archive) or is scheduled to start at HH:MM.

Action:

No action required.

CAS9375I

AUTOCMDS accepted - REISSUING commands in ENFCMDS DD STATEMENT.

Reason:

You have requested that the CAIENF AUTOCMDS be reissued during a CAEINF manual start.

Action:

No action is required.

CAS9376I

Database error recovery in progress for event *xxxxxxxx*

Reason:

CAIENF has encountered a database error while logging event *xxxxxxxx*. CAIENF is in the process of recovering as much of the old event data as possible before internally issuing a PURGE for the old event data. CAIENF then recreates the event.

Action:

No action is required. This message is informational only.

CAS9377W

Event *xxxxxxxx* lost from *yyddd/hhmmsstth* to *yyddd/hhmmsstth*

Reason:

This message indicates the date and time range for events that CAIENF could not recover.

Action:

No action is required.

CAS9378W

Event recovery: *xxxxxxxx* data lost from *yyddd* / *hhmmsstth*

Reason:

A database error was encountered during CAIENF checkpoint processing. CAIENF cannot read data for event *xxxxxxxx* after date *yyddd* and time *hhmmsstth*.

Action:

No action is required.

CAS9379E

Coupling Facility Interface Error Function: *xxxxxxxxxxxxxxxxxxxxx*

Reason:

An error occurred when CAIENF was accessing a structure defined in the Coupling Facility. The message will contain information that will help CA Support diagnose the problem. This message is usually issued with message CAS9380E.

Action:

Recycle CAIENF. For assistance, contact CA Support at http://ca.com/support.

Note: When calling CA Support, be sure you have the job log from the CAIENF STC.

CAS9380I

RC=@@@@@@@@ Drc=@@@@@@@@

Reason:

An error occurred when CAIENF was accessing a structure defined in the Coupling Facility. The message will contain information that will help CA Support diagnose the problem. This message is usually issued with message CAS9379E.

Action:

Recycle CAIENF. For assistance, contact CA Support at http://ca.com/support.

Note: When calling CA Support, be sure you have the job log from the CAIENF STC.

CAS9381I

Intercepts($$$); Collectors($$$$); Appls($$$)

Reason:

Output from the ENF STATUS operator command. The variable fields are defined as follows, respective to the order displayed:

- Number of event points defined to CAIENF
- Number of data elements defined to CAIENF
- Current number of users of CAIENF services

Action:

No action is required.

CAS9382W

BAD FORWARD POINTER IN PRODUCT TABLE -- RERUN CAS9 WITH FULL KEYS FILE.

Reason:

CAIFLOID has found an invalid forward pointer in the LMP product table. The most likely cause of this is a CSA storage overlay.

Action:

IPL the system to correct the problem or contact Level 1 support to obtain the procedure to locate the overlay and delete the contents of CSA storage manually, and rerun the CAS9-started task.

CAS9383E

ENFCT - component tracing unavailable

Reason:

The ENFCT command (operator or configuration file) was unable to detect the necessary environment to initialize component tracing.

Action:

Verify that ENF initialization successfully completed.

CAS9384E

ENFCT - command already processed

Reason:

The ENFCT command (operator or configuration file) detected that it has already run.

Action:

No action is required.

CAS9385E

Component Trace initialization failed: RC: @@@@@@@@ Reason: @@@@@@@@

Reason:

The return code and reason code will identify the specific error.

Action:

Record the return code and reason code.

CAS9386I

Database is full – auto-ARCHIVE starting now

Reason:

The archive process is being automatically started because the database was determined to be full.

Action:

No action required.

CAS9387E

Archive catalog table *table_name* is missing

Reason:

ENF maintains a catalog of Archives for the purpose of restoring ENF events. The catalog table *table_name* designates the missing database table. The Restore command terminates.

Action:

Contact CA Support for instructions.

CAS9388I

CAS9DUTL completed with *number_errors* command errors

Reason:

Processing of all CAS9DUTL commands have completed.

number_errors

The number of errors encountered.

Action:

Review prior messages for identification and explanation of any possible errors. Correct the problems and rerun the batch job.

CAS9389E

- text

Reason:

A request to the database failed.

Text

The request error text provided by the database.

Action:

Contact CA Support for instructions.

CAS9390I

Rec: *record_number command_statement*

Reason:

Message displays a CAS9DUTL command as specified in the CAS9DUTL DUTLIN DD command input file.

record_number command_statement

The input file record number and command statement are displayed.

Action:

This message is informational only.

CAS9391E

Number of input statements exceeded 9999

Reason:

The number of input statements for CAS9DUTL DUTLIN DD exceeded the maximum 999 allowed.

Action:

Decrease the number of statements containing CAS9DUTL commands or separate the statements into multiple batch submissions.

CAS9392E

Archived events do not exist for Restore; Event: *event_name* From: *from_date* To: *to_date*

Reason:

The CAS9DUTL Restore command specific dates for events there were not found in any archive.

Action:

Review the dates for the event specified, correct dates if in error, and rerun the batch job.

CAS9393E

CAS9DUTL *ddname* DD Open failed

Reason:

An Open error occurred with CAS9DUTL ddname DD

Action:

Review the batch job log for z/OS error messages for the specified DD to determine the appropriate action.

CAS9394E

Rec: *record_number* Command *command_name error_text*

Reason:

A problem was identified with a command statement. The statement number, the command, and the specific type of error are displayed.

Action:

Correct the command error for the statement identified and rerun the CAS9DUTL batch job.

CAS9395E

Rec: *record_number* Command *command_name* Keyword: *keyword_name error_text*

Reason:

An error was identified with a keyword in a command statement. The statement number, the command, the keyword, and the specific type of error are displayed.

Action:

Correct the command keyword error for the statement identified and rerun the CAS9DUTL batch job.

CAS9396E

Rec: record_number Invalid command syntax

Reason:

A syntax error was encountered with a command statement. The number of the statement displays. A CAS9390I (see page 378) message immediate follows with the contents of the command statement encountering the error.

Action:

Correct the syntax of the command statement in error and rerun the CAS9DUTL batch job.

CAS9397E

Event Archive/Database definition mismatch for Event: *event_name*

Reason:

The event archive contains data types that do not match the current definition of the event as defined in the database.

Action:

Contact CA Support.

CAS9398E

Rec: *record_number* Command: *command_name* Keyword: *keyword_name* Parameter: *parameter_value error_text*

Reason:

A CAS9DUTL command statement contained an invalid parameter for the identified keyword.

Action:

Correct the keyword parameter and rerun the CAS9DUTL batch job.

CAS9399E

Archive I/O error: error text

Reason:

The archive data set encountered a file error. The z/OS I/O error message text is displayed.

Action:

Review the message error text and the job log for additional I/O error messages, correct the problem if possible, and rerun the job.

CAS9400E

Archive/Purge process rollback

Reason:

An error was encountered during the Archive/Purge process which caused changes such as deletions made to the database event tables to be backed out.

Action:

Correct the reason for the rollback and restart the Archive/Purge process by entering the ARCHIVE(NOW) command.

CAS9401E

Archive/Purge data incomplete due to process termination

Reason:

The Archive/Purge process abnormally terminated due to a rollback. The archive data set created during the process is incomplete.

Action:

Correct the reason for the rollback and restart the Archive/Purge process by entering the ARCHIVE(NOW) command.

CAS9402E

Unable to create archive file

Reason:

The archive data set could not be allocated.

Action:

Review your site's CAIENF control options as well as the resources used to allocate the data set. Correct the reason for the failure and restart the Archive/Purge process by entering the ARCHIVE(NOW) command.

CAS9403E

Unable to close archive file

Reason:

The archive data set could not be closed.

Action:

Review your site's CAIENF control options as well as the resources used to allocate the data set. Correct the reason for the failure and restart the Archive/Purge process by entering the ARCHIVE(NOW) command.

CAS9404I

Archive file End of Volume

This is an informational message indicating the EOV has been reached while archiving CAIENF event data. Since the archive process does not currently support multiple volumes, a rollback is performed.

Action:

Change the archive data set SPACE allocation information and re-initialize the archive process.

If this condition occurs frequently, consider changing the retention period for your events, so that events are archived more frequently or at different intervals.

CAS9405I

***xxxxxxxx* NO ROW FOUND**

Reason:

This is an informational message indicating there is no event *xxxxxxxx* recorded in the CA Datacom database eligible for archiving or backup.

Action:

None.

CAS9406I

Archive/Purge records for *eventname* with dates less than *yyyyddd*

This is an informational message indicating the event records for the event indicated by *eventname* will be archived and purged based upon the date indicated.

Action:

NONE

CAS9407I

Archive/Purge process is terminating due to shutdown

This is an informational message indicating that the Archive/Purge process is terminating because the process detected a CAIENF or Database shutdown.

Action:

Determine the reason for the process termination. Restart CAIENF and/or the Database and restart the Archive/Purge process by entering the ARCHIVE(NOW) command.

CAS9408E

ARCHIVE encountered an error that may require attention.

Reason:

An ENF ARCHIVE operation has terminated in error.

Action:

This is a non-deletable operator action message. It is immediately followed by message CAS9409E.

CAS9409E

Refer to previous ARCHIVE error message(s) for details.

Reason:

This is a follow-on message to CAS9408E.

Action:

Forward the error message information posted by the failed ARCHIVE operation to ENF CA Support.

CAS9410I

Archive created on %%%% at %%%% purged from Archive tables

This is an informational message indicating that Archive data created on a certain date and time is being automatically purge from the archive tables due to an expiration date of the associated data set. For more information, see Message CAS9411I.

Action:

No action required.

CAS9411I

%%%%%%%%%%%%%%%%%% expired on %%%%

This is an informational message indicating that the Archive data set has expired and that information relating to the Archive has been removed from the archive tables. For more information, see Message CAS9410I.

Action:

No action required.

CAS9412W

Appl(xxxxxxxx xxxxxxxx xxxxxxxx) has reached MAXQTIME

Reason:

A MAXQTIME violation has occurred for the listener. ENF is operating in MAXQTIME "warn" mode. The listener’s oldest event exceeds the maximum allowable time on the queue.

Action:

Determine the reason for the listener’s failure to process the events.

CAS9414E

DSNAME ASASYMBM RC xxxxx

Reason:

An error occurred during ASASYMBM's processing of the data set name. The return code is documented in the *IBM z/OS MVS Assembler Services Reference for ASASYMBM.*

The DSNAME command is aborted. The previous or default value for DSNAME is not altered.

Action:

Take the corrective action specified for the return code in the IBM documentation or contact CA Technical Support.

CAS9415E

DSNAME ASASYMBM returned length not positive

Reason:

After substitutions, the length of the string resulting from ASASYMBM's processing is zero.

The DSNAME command is aborted. The previous or default value for DSNAME is not altered.

Action:

Modify the DSNAME command to correct the problem and resubmit it.

CAS9416E

DSNAME ASASYMBM returned length too large

Reason:

After substitutions, the length of the string resulting from ASASYMBM's processing is greater than 44 characters.

The DSNAME command is aborted. The previous or default value for DSNAME is not altered.

Action:

Modify the DSNAME command to correct the problem and resubmit it.

CAS9417E

DSNAME has unsupported symbols

Reason:

After substitutions, the string resulting from ASASYMBM's processing still contains an "&".

The DSNAME command is aborted. The previous or default value for DSNAME is not altered.

Action:

Modify the DSNAME command to correct the problem and resubmit it.

CAS9418E

DSNAME ASASYMBM LINK error xxxxxxxx yyyyyyyy

Reason:

The LINK to ASASYMBM failed. The first part of the error code (xxxxxxxx) is the abend reason code and the second part of the error code (yyyyyyyy) contain the abend code for the failure.

The DSNAME command is aborted. The previous or default value for DSNAME is not altered.

Action:

Research the IBM documentation for the reason code and the abend code then take the corrective action or contact CA Technical Support.

CAS9419E

DSNAME ASASYMBM ABEND System xxxxxxxx User yyyy

Reason:

An ABEND has occurred during ASASYMBM's processing.

The DSNAME command is aborted. The previous or default value for DSNAME is not altered.

Action:

Research the IBM documentation for the cause and solution of the ABEND, then take the corrective action or contact CA Technical Support.

CAS9425I

xxxxxxxx xxxxxxxx xxxxxxxx* Requesting Recovery *xxxxxxxxxxxxxx

Reason:

A listener with job name, job number and listener name has requested a checkpoint recovery for the date specified.

Action:

No action is required.

CAS9428I

***xxxxxxxx xxxxxxxx xxxxxxxx* Recovery waiting for DB update**

Reason:

The checkpoint recovery request for the listener with job name, job number and listener name is waiting for the database to be updated before it can start the recovery process.

Action:

No action is required.

CAS9429I

***xxxxxxxx xxxxxxxx xxxxxxxx* Recovery resuming**

Reason:

The checkpoint recovery request for the listener with job name, job number, and listener name is resuming after the database updates have completed.

Action:

No action is required.

CAS9432I

***xxxxxxxx xxxxxxxx xxxxxxxx* Recovery terminating due to error**

Reason:

The checkpoint recovery request for the listener with job name, job number, and listener name has encountered an error. The checkpoint recovery request is terminating.

Action:

Determine the reason for the failure and re-issue the recoveryrequest.

CAS9433I

***xxxxxxxx xxxxxxxx xxxxxxxx* No events found to recover**

Reason:

The checkpoint recovery request for the listener with job name, job number, and listener name found not events to recover.

Action:

No action is required.

CAS9500I

CA-ENF CASCCICS - Initialization in Progress

Reason:

CAIENF/CICS interface is being initialized.

Action:

No action is required.

CAS9501I

CA-ENF CASCCICS - Initialization Complete

Reason:

CAIENF/CICS interface initialization is complete.

Action:

No action is required.

CAS9502I

CA-ENF Completed - Terminating *xxxxxxxx* normally

Reason:

CAIENF/CICS interface is terminating.

Action:

If this message appears at startup, check prior messages to determine why CAIENF/CICS is terminating.

Note: This is a normal message when terminating CAIENF.

CAS9503E

CA-ENF Inactive --- Terminating *xxxxxxxx*

Reason:

When starting the CAIENF/CICS interface as a separate PROC outside the CAIENF address space, it was determined that CAIENF was not active.

Action:

Start CAIENF and restart CASCCICS.

CAS9504E

CA-ENF Logic Error --- Terminating *xxxxxxxx*

Reason:

CAIENF/CICS issued an event macro. The return code specified that a logic error had occurred.

Action:

Check prior messages. For assistance, contact CA Support at http://ca.com/support.

CAS9505E

CA-ENF Abended --- Termination *xxxxxxxx*

Reason:

CAIENF/CICS has detected that CAIENF has abended.

Action:

Restart CAIENF.

CAS9506E

CA-ENF Event *xxxxxxxx* not available

Reason:

An event needed by the CAIENF/CICS interface has not been defined in the CAIENF database.

Action:

Ensure CAS9DCM2 has been run. For assistance, contact CA Support at http://ca.com/support.

CAS9507E

CA-ENF *xxxxxxxx* - Events Exceed Maximum

Reason:

CAIENF/CICS issued an event macro. The return code that specified 'Events Exceed Maximum' was returned.

Action:

Check prior messages. For assistance, contact CA Support at http://ca.com/support.

CAS9508E

CA-ENF *xxxxxxxx* - No data Available

Reason:

CAIENF/CICS issued an event macro. The return code specified no data available.

Action:

Check prior messages. For assistance, contact CA Support at http://ca.com/support.

CAS9509E

CA-ENF *xxxxxxxx* - LISTEN was not Issued

Reason:

CAIENF/CICS issued an event macro. The return code specified a listen error.

Action:

Check prior messages. For assistance, contact CA Support at http://ca.com/support.

CAS9510E

CA-ENF *xxxxxxxx* - Address Token is Invalid

Reason:

CAIENF/CICS issued an event macro. The return code specified that the token address is invalid.

Action:

Check prior messages. For assistance, contact CA Support at http://ca.com/support.

CAS9511E

CA-ENF *xxxxxxxx* - Detail Reason Code UNDEFINED

Reason:

CAIENF/CICS issued an event macro. The return code specified was undefined.

Action:

Check prior messages. For assistance, contact CA Support at http://ca.com/support.

CAS9512E

CA-ENF Problem Encountered During ATTACH.

Reason:

A nonzero return code was returned when attaching the Command Processor.

Action:

Try recycling CAIENF. If the same message returns, CAIENF/CICS code runs, but you will not be able to issue commands.

CAS9513I

CA-ENF ATTACHING Event Handler for JOB *xxxxxxxx*

Reason:

When a CICS region starts up, a CICSINIT event is issued. If the Concerto subtask is active, a separate utility TCB is attached for each CICS region.

Action:

No action is required.

CAS9514E

Getmain Failed for Data Collector CASCCICS

Reason:

One of the subtasks issued a GETMAIN with a bad return code.

Action:

No action is required.

CAS9515I

Module = CASCCICS Recovery in Progress

Reason:

CAIENF/CICS is in the process of recovering.

Action:

No action is required.

CAS9516E

ESTAE could not be Established - Running Without Recovery

Reason:

A nonzero return code was returned when establishing the recovery environment.

Action:

CAIENF/CICS code runs, but is not able to recover when a problem occurs.

CAS9517E

Terminating CASCCICS - Getmained Failed for CICSStatus Table

Reason:

Not enough CSA to GETMAIN the CAIENF/CICS control block.

Action:

Try again later.

CAS9518I

CA-ENF Completed - Terminating Data Collector for JOB *xxxxxxxx*

Reason:

A CICS region, which had an attached utility TCB running in the CAIENF address space, has ended. This message indicates that CAIENF has captured the ENFTERM event.

Action:

No action is required.

CAS9519I

CA-ENF CASCCICS ENF Termination Request Received

Reason:

CAIENF/CICS has received an ENFTERM event.

Action:

No action is required.

CAS9520I

CA-ENF CASCCICS Ahutting Down Data Collectors

Reason:

A user has stopped the CAIENF address space. The CAIENF CICS code is detaching any active subtasks to avoid SA03 abends.

Action:

No action is required.

CAS9521I

CA-ENF CASCCICS Waiting on Data Collector for JOB *xxxxxxxx*

Reason:

A user has stopped the CAIENF address space. CAIENF is waiting for all CICS utility TCBs to deactivate.

Action:

No action is required.

CAS9522I

CA-ENF CASCCICS Checking Status of CICS Data Collectors

Reason:

The main CICS TCB has captured the ENFTERM event. CAIENF is checking the status of any attached utility TCBs.

Action:

No action is required.

CAS9523I

CA-ENF CASCCICS Restarting CICS Data Collector for JOB *xxxxxxxx*

Reason:

CAIENF/CICS has been restarted.

Action:

No action is required.

CAS9524I

CA-ENF CASCCICS Already Active

Reason:

CAIENF/CICS subtask was previously attached and activated. Request is ignored.

Action:

No action is required.

CAS9525I

CA-ENF Inactive --- Terminating CASCCICS

Reason:

Tried to attach the CAIENF/CICS subtask, but CAIENF was not active.

Action:

Start CAIENF.

CAS9526I

Initialization in progress

Reason:

CAIENF/CICS SPAWN has begun its initialization process into the CICS region. Message issued by module CASSP*xx*Z, where *xx* is the CICS release.

Action:

No action is required.

CAS9527I

CICS/SPAWN Work Area allocated

Reason:

CAIENF/CICS SPAWN has completed the allocation of its working storage area. Message issued by module CASSP*xx*Z, where *xx* is the CICS release.

Action:

No action is required.

CAS9528I

CICS/SPAWN Work Area formatted

Reason:

CAIENF/CICS SPAWN has completed the allocation of its working storage area. Message issued by module CASSP*xx*Z, where *xx* is the CICS release.

Action:

No action is required.

CAS9529I

Allocating User Exit Table

Reason:

CAIENF/CICS SPAWN has begun allocating the CICS User Exit Table (UET). Message issued by module CASS0*xx*Z, where *xx* is the CICS release.

Action:

No action is required.

CAS9530I

Attaching CICS/SPAWN TCA

Reason:

CAIENF/CICS SPAWN has attached it CICS TCA. Message issued by module CASSP*xx*Z, where *xx* is the CICS release.

Action:

No action is required.

CAS9531I

SPAWN ready and active calls have been made successfully

Reason:

CAIENF/CICS SPAWN has notified CAICCI that it is ready for work. Message issued by module CASSP*xx*Z, where *xx* is the CICS release.

Action:

No action is required.

CAS9532I

Initialization complete

Reason:

CAIENF/CICS SPAWN has completed its initialization process. It is now ready for work. Message issued by module CASSP*xx*Z, where *xx* is the CICS release.

Action:

No action is required.

CAS9533I

Task related user exit active

Reason:

CAIENF/CICS SPAWN has installed its TRUE intercept. Message issued by module CASSP*xx*A, where *xx* is the CICS release.

Action:

No action is required.

CAS9534I

Successful execution of CICSPAWN call

Reason:

CAIENF/CICS SPAWN has notified CAICCI that the service call was successful. Message issued by module CASSP*xx*A, where *xx* is the CICS release.

Action:

No action is required.

CAS9535E

Unsuccessful execution of CICSPAWN call.Reason:

CAIENF/CICS SPAWN has detected an error and has notified CAICCI of the error. Message issued by module CASSP*xx*A, where *xx* is the CICS release.

Action:

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

CAS9536E

The SPAWNKEY could not be found on SVCTERM

Reason:

CAIENF/CICS SPAWN could not locate the SPAWNKEY. Message issued by module CASSP*xx*A, where *xx* is the CICS RELEASE.

Action:

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

CAS9537E

Can not get EIS storage

Reason:

CAIENF/CICS SPAWN GETMAIN for EIS/EIB storage has failed. Message issued by module CASSP*xx*A, where *xx* is the CICS release.

Action:

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

CAS9538E

Can not get CICS user storage

Reason:

CAIENF/CICS SPAWN GETMAIN for USER storage has failed. Message issued by module CASSP*xx*A, where *xx* is the CICS release.

Action:

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

CAS9539E

RECEIVE failed rc=(@@@@@@@@)

Reason:

CAIENF/CICS SPAWN has gotten a nonzero return from CAICCI services. The task was suspended for five seconds, and the CAICCI RECEIVE command was retried ten times and still failed. Message issued by module CASSP*xx*A, where *xx* is the CICS release.

Action:

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

CAS9540E

Invalid FMH found

Reason:

CAIENF/CICS SPAWN could not locate the SPAWN FMH data. Message issued by module CASSP*xx*A, where *xx* is the CICS release.

Action:

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

CAS9541E

Invalid FMH found - *xxxxxxxxxxxxxxxxxxxxxx*

Reason:

CAIENF/CICS SPAWN could not locate CAICCI FMH. Message issued by module CASSP*xx*A, where *xx* is the CICS release.

Action:

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

CAS9542E

SPAWN invalid FMH found - *xxxxxxxxxxxxxxx* @@@@@@@@

Reason:

CAIENF/CICS SPAWN located an invalid FMH type. Message issued by module CASSP*xx*A, where *xx* is the CICS release.

Action:

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

CAS9543E

Error in *xxxxxxxxxx* SUBTYPE

Reason:

CAIENF/CICS SPAWN found an error in the SPAWN control statement for the specified SUBTYPE. Message issued by module CASSP*xx*A, where *xx* is the CICS release.

Action:

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

CAS9544E

Invalid ECB received from CCI

Reason:

CAIENF/CICS SPAWN attached another task to wait once more for SPAWN requests, but the attach TCA failed. Message issued by module CASSP*xx*A, where *xx* is the CICS release.

Action:

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

CAS9545E

No transaction passed

Reason:

CAIENF/CICS SPAWN could not locate a transaction ID within the SPAWN PROCESS statement. Message issued by module CASSP*xx*A, where *xx* is the CICS release.

Action:

Check the syntax on the PROCESS statement. It should contain the TRAN_ID value.

CAS9546E

Transaction *xxxx* is not enabled

Reason:

CAIENF/CICS SPAWN attempted to spawn the transaction and CICS notified you that the transaction was disabled. Message issued by module CASSP*xx*A, where *xx* is the CICS release.

Action:

Investigate why the specified transaction is disabled within the CICS region.

CAS9547E

Program *xxxxxxxx* not found

Reason:

CAIENF/CICS SPAWN could not locate the program specified. Message issued by module CASSP*xx*A, where *xx* is the CICS release.

Action:

Specified program name needs to be defined to CICS.

CAS9548E

Program *xxxxxxxx* is not enabled

Reason:

CAIENF/CICS SPAWN attempted to spawn the transaction and CICS notified you that the program was disabled. Message issued by module CASSP*xx*A, where *xx* is the CICS release.

Action:

Investigate why the specified transaction is disabled within the CICS region.

CAS9549E

Terminal (*xxxx*) EIBRESP2=(@@@@@@@@)

Reason:

CAIENF/CICS SPAWN received a nonzero return code from CICS for the specified terminal. Message issued by module CASSP*xx*A, where *xx* is the CICS release.

Action:

The EIBRESP2 value represents the CICS response 2 code. Refer to the IBM *Application Programming Reference* for an explanation of the codes.

CAS9550I

CA-ENF Attaching CICS Command Processor

Reason:

CAIENF/CICS is attaching the Command Processor.

Action:

No action is required.

CAS9551I

CA-ENF Command Processor Inactive

Reason:

CAIENF/CICS Command Processor is inactive.

Action:

Try recycling CAIENF. If the same message returns, CAIENF/CICS code runs, but you will not be able to issue commands.

CAS9552E

CA-ENF CICS Command Processor Invalid Command - *xxxxxxxx*

Reason:

The CAIENF/CICS Command Processor received an invalid command.

Action:

Correct the syntax and reissue the command.

CAS9553E

CA-ENF CICS Command Processor *xxxxxxxx* NOT Passed

Reason:

The CAIENF/CICS Command Processor received an invalid command.

Action:

Correct the syntax and reissue the command.

CAS9554I

CA-ENF CICS Command Processor $$$ CICS Regions started/stopped

Reason:

CAIENF/CICS is attaching the Command Processor.

Action:

No action is required.

CAS9555E

CA-ENF CICS Command Processor Job *xxxxxxxx* is Not Known to CASCCICS

Reason:

A CAIENF CICS command (START/STOP/REFRESH,JOBNAME) was issued and the job is not known to CAIENF/CICS.

Action:

Correct JOBNAME and reissue the command.

CAS9556E

CA-ENF CICS Command Processor ENF Not Installed in JOB *xxxxxxxx*

Reason:

A user has issued an ENF CICS(STOP,*xxxxxxxx*) command, and CAIENF was not active in the region at the time.

Action:

No action is required.

CAS9557I

CA-ENF CICS Command Processor Job *xxxxxxxx* is Terminating

Reason:

A user has issued an ENF CICS(STOP,*xxxxxxxx*) or ENF CICS(START,*xxxxxxxx*) command, and the CAIENF Command Processor has found that the address space is terminating.

Action:

No action is required.

CAS9558E

CA-ENF CICS Command Processor Job *xxxxxxxx* is Already *xxxxxxx*

Reason:

A CAIENF/CICS command (START/STOP/REFRESH,JOBNAME) was issued and CAIENF/CICS is already in that status.

Action:

Wait until the previous command has finished processing before issuing another command.

CAS9559I

CA-ENF CICS Command Processor Job *xxxxxxxx* is Marked as *xxxxxxxx*

Reason:

A user has issued an ENF CICS(STOP,*xxxxxxxx*) or ENF CICS(START,*xxxxxxxx*) command to stop or start a CA solution.

Action:

No action is required.

CAS9560I

CA-ENF CICS Interface Being Installed in *xxxxxxxx*

Reason:

CAIENF/CICS has started and is not establishing its intercepts in all CICS regions.

Action:

No action is required.

CAS9561E

CA-ENF Job *xxxxxxxx* Invalid ASCB Detected

Reason:

When setting up a cross memory environment, an invalid ASCB was encountered.

Action:

Take an SVCD of the job. For assistance, contact CA Support at http://ca.com/support.

CAS9562E

CA-ENF Job *xxxxxxxx* EVT not Found.

Reason:

Major CAIENF control block could not be located.

Action:

Take an SVCD of the job. For assistance, contact CA Support at http://ca.com/support.

CAS9563E

CA-ENF Job *xxxxxxxx* Cross Memory Environment not Established

Reason:

When setting up a cross memory environment, an error was encountered.

Action:

Take an SVCD of the job. For assistance, contact CA Support at http://ca.com/support.

CAS9564E

CA-ENF JOB *xxxxxxxx* IS NOT A CICS REGION

Reason:

CAIENF/CICS was asked to start or stop in an address space that is not a CICS region. Three reasons can cause this to happen:

1. The jobname is incorrect as entered.
2. The CICS region was still in the process of coming up.
3. The CICS region was not activated prior to issuing the command for starting the CICS job.

Action:

Perform one of the following (respective to the appropriate reason presented above):

1. Correct JOBNAME and reissue the command.
2. Wait for the CICS message "CONTROL IS BEING GIVEN TO CICS". Then, reissue the command for starting the CICS job.
3. Issue a z/OS start command to activate the CICS region. Wait for the CICS message "CONTROL IS BEING GIVEN TO CICS". Then, reissue the command for starting the CICS job.

CAS9565E

CA-ENF JOB *xxxxxxxx* CICS Release NOT Supported.

Reason:

CAIENF/CICS was asked to start or stop in an address space that is not a supported CICS release.

Action:

No action is required.

CAS9566E

CA-ENF Job *xxxxxxxx* Could NOT Locate CA-ENF Modules

Reason:

CAIENF/CICS was trying to install intercepts and the modules could not be located.

Action:

Install CAIENF/CICS modules in CSA, CENFLIB, or STEPLIB.

CAS9567E

STARTCCP for *xxxxxxxx* did not complete – Reason(*yy*).

Reason:

The STARTCCP command for started-task-name (*xxxxxxxx*) did not complete successfully for one of the following reasons (*yy*):.

3

The command was issued as part of ENFPARMS. It can only be used after ENF is started.

4

The started-task-name is currently active.

5

The started-task-name is missing from the command.

6

The started-task-name is an unknown service name.

7

The MVS START command that STARTCCP issued has failed.

8

The second operand of the STARTCCP command is not FORCE.

Action:

Take whatever action is appropriate for the supplied reason code. For reason code 7, contact CA Support.

CAS9568I

***xxxxxxxx* started for service yyyyyyyyyyyyyyyyyyy**

Reason:

As requested by the STARTCCP command, started-task-name (*xxxxxxxx*) has been successfully started.

Action:

No action required – informational message only.

CAS9570E

CA-ENF Product *xxxx* is not defined.

Reason:

A CAIENF CICS command (START/STOP,JOBNAME,*xxxx*) was issued and the CA product is not known to CAIENF.

Action:

Install product *xxxx*DCM2 in CAIENF database and recycle CAIENF.

CAS9571E

CA-ENF Product *xxxx* CANNOT Be Stopped.

Reason:

A user has issued an ENF CICS(STOP) command in an attempt to stop a CA solution. This solution is defined to the CAIENF database as unstoppable through this command.

Action:

No action is required.

CAS9572E

CA-ENF Product *xxxx* CANNOT Be Manually Started.

Reason:

A user has issued an ENF CICS(START) command in an attempt to start a CA solution. This solution is defined to the CAIENF database as nonstartable through this command.

Action:

No action is required.

CAS9573E

CA-ENF Product *xxxx* Already Started.

Reason:

A CAIENF/CICS command (START,JOBNAME,*xxxx*) was issued and the CA product is already started.

Action:

No action is required.

CAS9574E

CA-ENF Product *xxxx* Not Installed in Region *xxxxxxxx*

Reason:

A user has issued an ENF CICS(STOP) command in an attempt to stop a CA solution, and the solution is not installed in the region.

Action:

No action is required.

CAS9575E

CA-ENF Product *xxxx* Not Active in Region *xxxxxxxx*

Reason:

A user has issued an ENF CICS(STOP) command in an attempt to stop a CA solution. The solution was not active in the region at the time.

Action:

No action is required.

CAS9576I

CA-ENF Product *xxxx* Stopped in Region *xxxxxxxx*

Reason:

A user has successfully stopped a CA solution through an ENF CICS(STOP) command.

Action:

No action is required.

CAS9577I

CA-ENF Product *xxxx* Stopped in *$$$* Regions.

Reason:

To stop a CA solution running in any of the CICS regions, a user issued an ENF CICS(STOP) command to all CICS regions known to CAIENF. This message reports the number of CICS regions in which the product was stopped.

Action:

No action is required.

CAS9578E

Product=*xxxxxxxx* PSW= *nnnnnnnn nnnnnnnn* Completion Code = *xxx*

Reason:

An abend has occurred while a CA solution was in control at a CAIENF/CICS intercept point. The variable fields are defined as follows, respective to the order displayed:

- Product code
- PSW at time of error
- System completion code

Action:

See accompanying messages for more detailed descriptions of error. Save all dumps and other diagnostics for CA Support assistance. Contact the product's technical assistance group.

CAS9579E

Product=*xxxx* Initialization program *xxxxxxxx* not loaded

Reason:

A DCM has been added to the CAIENF/CICS database, but the CA solution initialization program was not found during CAIENF startup.

Action:

Complete the CA solution installation by adding the library containing the CA product initialization program to CAIENF's STEPLIB or add the library to the linklist.

CAS9580E

Netname(*xxxx*) EIBRESP2=(@@@@@@@@)

Reason:

CAIENF/CICS SPAWN received a nonzero return code from CICS for the specified net name. Message issued by module CASSP*xx*A, where *xx* is the CICS release.

Action:

The EIBRESP2 value represents the CICS response 2 code. Refer to the IBM *Application Programming Reference* for an explanation of the codes.

CAS9581E

Dynamic terminal install of terminal id *xxxx* failed

Reason:

CAIENF/CICS SPAWN could not dynamically install the specified terminal. Message issued by module CASSP*xx*A, where *xx* is the CICS release.

Action:

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

CAS9582E

EIBRESP value is @@@@@@@@

Reason:

CAIENF/CICS SPAWN received a nonzero return code from CICS. Message issued by module CASSP*xx*A, where *xx* is the CICS release.

Action:

The EIBRESP2 value represents the CICS response 1 code. Refer to IBM's *Application Programming Reference* for an explanation of the codes.

CAS9583E

Dynamic definitions failed

Reason:

CAIENF/CICS SPAWN could not dynamically define the requested transaction ID. Message issued by module CASSP*xx*A, where *xx* is the CICS release.

Action:

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

CAS9584E

EIBRCODE is @@@@@@@@

Reason:

CAIENF/CICS SPAWN received a nonzero return code from CICS. The EIBRCODE value represents the CICS response code. Message issued by module CASSP*xx*A, where *xx* is the CICS release.

Action:

Refer to IBM's *Application Programming Reference* for an explanation of the codes.

CAS9585E

Master terminal translation value(@@@@@@@@)

Reason:

CAIENF/CICS SPAWN received a nonzero return code from the CICS CEMT command due to a translation error. The translation value represents the CICS response code (EIBRCODE). Message issued by module CASSP*xx*A, where *xx* is the CICS release.

Action:

Refer to the IBM *Application Programming Reference* for an explanation of the codes.

CAS9586E

Master terminal execution value(@@@@@@@@)

Reason:

CAIENF/CICS SPAWN received a nonzero return code from the CICS CEMT command due to an execution error. The execution value represents the CICS response code (EIBRCODE). Message issued by module CASSP*xx*A, where *xx* is the CICS release.

Action:

Refer to the IBM *Application Programming Reference* for an explanation of the codes.

CAS9587E

Master terminal execution value can not be determined

Reason:

CAIENF/CICS SPAWN received a nonzero return code from CICS; however, the return code was outside the range of expected error codes. Message issued by module CASSP*xx*A, where *xx* is the CICS release.

Action:

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

CAS9588E

Process not passed in FMH

Reason:

CAIENF/CICS SPAWN could not locate the required SPAWN PROCESS statement within the FMH data stream. Message issued by module CASSP*xx*A, where *xx* is the CICS release.

Action:

Add the PROCESS statement to your SPAWN control statements. If one is present, check the syntax.

CAS9589E

Resource passed is in error

Reason:

CAIENF/CICS SPAWN found an error in the syntax of the RESOURCE statement within the FMH data stream. Message issued by module CASSP*xx*A, where *xx* is the CICS release.

Action:

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

CAS9590E

Time value is in error

Reason:

CAIENF/CICS SPAWN found an error in the syntax of the TIME statement within the FMH data stream. Message issued by module CASSP*xx*A, where *xx* is the CICS release.

Action:

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

CAS9591E

Active Services Table is full

Reason:

CAIENF/CICS SPAWN has exceeded its capacity within the services table. Message issued by module CASSP*xx*1, where *xx* is the CICS release.

Action:

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

CAS9592E

Active Services Table entry not found

Reason:

CAIENF/CICS SPAWN could not locate this entry on the services table. Message issued by module CASSP*xx*2, where *xx* is the CICS release.

Action:

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

CAS9593I

Request to terminate service being processed

Reason:

CAIENF/CICS SPAWN is processing the CEMT CANCEL command. Message issued by module CASSP*xx*A, where *xx* is the CICS release.

Action:

No action is required.

CAS9594I

CASPAWN TRUE removed. Using CAS TRUE instead

Reason:

CAIENF/CICS SPAWN has already found an ENF TRUE intercept; it does not need to install a SPAWN TRUE. Message issued by module CASSP*xx*1, where *xx* is the CICS release.

Action:

No action is required.

CAS9595E

CAIENF/CICS Status table full, unable to install

Reason:

The CAIENF/CICS Status Table is full and the current CICS being initialized cannot be added to the table. The table limit is 80 entries.

Action:

Bring down another CICS and try to initialize the previous CICS again. For assistance, contact CA Support at http://ca.com/support.

CAS9596I

SPAWN ready and active calls have failed

Reason:

CAIENF/CICS SPAWN could not locate the work queue for this spawn request. Message issued by module CASSP*xx*A, where *xx* is the CICS release.

Action:

No action required.

CAS9597I

***xxxxxxxx* could not be located**

Reason:

CAIENF/CICS SPAWN could not locate the CA Common Services for z/OS LCA module. SPAWN initialization failed. Message issued by module CASSP*xx*Z, where *xx* is the CICS release.

Action:

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

CAS9598I

CICS SPAWN status: (Auto install feature *ACTIVE*)

Reason:

Output from the ENF STATUS operator command. The variable field is defined as the status of the CAIENF/CICS SPAWN service.

Action:

No action is required.

CAS9600A

CAICCI xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Reason:

This is a 40-character general action message.

Action:

Take appropriate action if indicated.

CAS9601D

CAICCI xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Reason:

This is a 40-character general disaster message.

Action:

Take appropriate action if indicated.

CAS9602E

CAICCI *xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx*

Reason:

This is a 40-character general error message.

Action:

Take appropriate action if indicated.

CAS9603I

CAICCI *xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx*

Reason:

This is a 40-character general informational message.

Action:

Informational; take appropriate action if indicated.

CAS9604W

CAICCI *xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx*

Reason:

This is a 40-character general warning message.

Action:

Take appropriate action if indicated.

CAS9605N

CAICCI RTNCD(*xxxxxxxx*) FDBK2(*xxxxxxxx*) FDBK(*xxxxxxxx*) SEN(*xxxxxxxx*)

Reason:

The CAICCI subsystem has encountered an internal error while processing normal data transfer services. This message is accompanied by another CAS9 message indicating the exact nature of the problem. The above items indicate the VTAM return code at the time when the abnormal condition occurred.

Action:

See the IBM *VTAM Programming* manual for VTAM return codes, feedback codes, and sense information. This message is accompanied by another CAS9 message that indicates the type of request that has failed.

CAS9606N

CAICCI R15(*xxxxxxxx*) R0(*xxxxxxxx*) R1(*xxxxxxxx*)

Reason:

The CAICCI subsystem has encountered an internal error while processing normal data transfer services. This message is accompanied by another CAS9 message indicating the exact nature of the problem. The above items indicate the contents of registers 15, 0, and 1 at the time of error. This message is accompanied by another CAS9 message that indicates the type of request that has failed.

Action:

No action is required.

CAS9607N

CAICCI RC1(*xxxxxxxx*) RC2(*xxxxxxxx*) RC3(*xxxxxxxx*) RC4(*xxxxxxxx*)

Reason:

The CAICCI subsystem has encountered an internal error while processing normal data transfer services. This message is accompanied by another CAS9 message indicating the exact nature of the problem or the type of request that has failed. This message indicates internal error flags.

Action:

Note return codes and notify CA Support of the problem.

CAS9608I

CAICCI Subsystem is not operational

Reason:

Displayed on the console whenever a CAICCI STATUS is requested and CAICCI is not operational.

Action:

No action is required.

CAS9609E

CAICCI unable to initialize Communication Manager

Reason:

The CAICCI subsystem was unable to initialize the CAICCI communication manager.

Action:

This message is accompanied by another CAS9 message indicating the exact nature of the problem. Save all appropriate documentation for CA Support evaluation.

CAS9610E

CAICCI unable to initialize Dispatch Manager

Reason:

The CAICCI subsystem was unable to initialize the CAICCI dispatch manager.

Action:

This message is accompanied by another CAS9 message indicating the exact nature of the problem. Save all appropriate documentation for CA Support evaluation.

CAS9611I

CAICCI Host Application Table SYSID not defined

Reason:

The CAICCI subsystem was unable to determine the SYSID for this host's CAICCI.

Action:

Define the SYSID through the SYSID options command of CAICCI. Refer to the *Installation Guide* for further information.

CAS9612I

CAICCI Host Application Table APPLID not defined

Reason:

The CAICCI subsystem was unable to determine the APPLID for this host's CAICCI.

Action:

No action is required if remote host communications are not required. Refer to the *Installation Guide* for further information.

CAS9615I

The CAICCI Host Application Table (HAT) not defined

Reason:

An attempt has been made to initialize the CAICCI subsystem, but failed due to missing initialization parameters.

Action:

Missing APPCL function. Refer to the *Installation Guide* for further information. Update CAICCI through APPCL options and recycle CAIENF.

CAS9616I

CAICCI Subsystem error - ENF error

Reason:

The CAICCI subsystem has encountered an internal error while processing normal data transfer services. This message is accompanied by another CAS9 message indicating the exact nature of the problem.

Action:

Determine the nature of the CAIENF failure and correct before restarting CAICCI.

CAS9617I

CAICCI Subsystem error - ENF abend error

Reason:

The CAICCI subsystem has encountered an internal program check-type error while processing normal data transfer services. This message is accompanied by another CAS9 message indicating the exact nature of the problem.

Action:

Determine the nature of the CAIENF failure and correct before restarting CAICCI.

CAS9618I

CAICCI Subsystem error - ENF logic error

Reason:

The CAICCI subsystem has encountered an internal logic error while processing normal data transfer services. This message is accompanied by another CAS9 message indicating the exact nature of the problem.

Action:

Determine the nature of the CAIENF failure and correct before restarting CAICCI.

CAS9619I

CAICCI Subsystem error - ENF inactive or unavailable

Reason:

The CAICCI subsystem has determined that CAIENF is no longer operational. CAICCI terminates.

Action:

Determine the nature of the CAIENF failure and correct before restarting CAICCI.

CAS9620I

CAICCI Subsystem initializing - *xxxxxxxx*

Reason:

The CAICCI subsystem is in the process of being initialized. *xxxxxxxx* in the message refers to the CAICCI version and modification level. For example, V1M0L005 refers to version 1, modification 0, level 005.

Action:

No action is required.

CAS9621I

CAICCI APPCL statement - ACBNAME(*xxxxxxxx*)

Reason:

This message indicates the ACB name that CAICCI used in attempting to start a session with VTAM, and was unsuccessful. This message is accompanied by messages CAS9605, CAS9606, and CAS9622. Probable user error.

Action:

Check the APPCL or PROTOCOL statement to ensure that the proper ACB name was specified. Display the ACB name using VTAM network services and ensure proper definitions.

CAS9622W

CAICCI ACB open failure; no retry specified

Reason:

The CAICCI subsystem has issued a VTAM "OPEN" request against the VTAM ACB and received a negative response.

Action:

The CAICCI subsystem is terminated because no retry time was specified in the ENFPARM APPCL control card. Refer to the *Installation Guide* for further information.

CAS9623W

CAICCI Subsystem being terminated

Reason:

The CAICCI subsystem is being terminated. This message is accompanied by another CAS9 message indicating the exact nature of the problem.

Action:

Refer to the accompanying CAS9 messages.

CAS9624E

CAICCI unable to initialize Interface Manager

Reason:

The CAICCI subsystem "INTERFACE" module is not initialized. A probable condition of this message is a missing or corrupted "CASNMINT" module.

Action:

The CAICCI subsystem is abnormally terminated. Verify that the above module has been installed correctly and has not been corrupted.

CAS9625W

CAICCI ACB open failure; retry in *xx* minute(s)

Reason:

The CAICCI subsystem has issued a VTAM "OPEN" request against the VTAM ACB and received a negative response. The OPEN is retried in *xx* minutes.

Action:

This message appears whenever the ACB is inactive, improperly defined, or simply not defined. Refer to the *Installation Guide* for further information.

CAS9626I

CAICCI Subsystem is operational

Reason:

The CAICCI subsystem has been made operational.

Action:

No action is required.

CAS9627E

CAICCI Subsystem abnormal termination

Reason:

The CAICCI subsystem is being terminated abnormally. This message is accompanied by another CAS9 message indicating the exact nature of the problem.

Action:

Refer to the accompanying CAS9 CAICCI messages.

CAS9629E

CAICCI unable to attach *xxxxxxxx*

Reason:

This message indicates that CAICCI was unable to start all required subtasks. The module name *xxxxxxxx* was either not found or was invalid.

Action:

Check the CAICCI STEPLIB to ensure that the module has been placed in the LOADLIB properly.

CAS9630E

CAICCI unable to release authorization

Reason:

The CAICCI subsystem is unable to return to problem state. This message may be a symptom of a larger "corrupted storage" problem.

Action:

Refer to the accompanying CAS9 CAICCI messages. Save all dumps and other diagnostics for CA Support assistance, if required.

CAS9631E

CAICCI unable to attach all required subtasks

Reason:

One or more of the CAICCI subsystem modules are not available or not initialized. A probable condition of this message is a missing or corrupted module. Modules referred to can be:

- CASNMINT
- CASNMDSP
- CASNMCOM
- CASNMLUS
- CASNMSRV
- CASNMSEC

Action:

The CAICCI subsystem is abnormally terminated. Verify that the above modules were installed correctly and have not been corrupted. Refer to the *Installation Guide* for further information.

CAS9632I

CAICCI Network Manager now active *xxxxxxxx*

Reason:

The CAICCI startup component (CASNMNET) has initialized and is operational.

Action:

No action is required.

CAS9633E

CAICCI CTRACE failed for Component %%%%%%%% R15=@@@@@@@@ R0=@@@@@@@@

Reason:

CAICCI Component Trace initialization failed. The return code (R15) and reason code (R0) will identify the specific error.

Action:

Record the return code and reason code and contact customer support.

CAS9634E

CAICCI damaged HAT; unable to continue

Reason:

The CAICCI subsystem has encountered corrupted CSA storage. This message may be a symptom of a larger "corrupted storage" problem.

Action:

Refer to the accompanying CAS9 CAICCI messages. Save all dumps and other diagnostics for CA Support assistance, if required.

CAS9635E

CAICCI Network Manager terminated with error

Reason:

The CAICCI subsystem Network Manager (CASNMNET) is being terminated abnormally. This message is accompanied by another CAS9 message indicating the exact nature of the problem.

Action:

Refer to the accompanying CAS9 CAICCI messages.

CAS9636I

CAICCI Network Manager terminated

Reason:

The CAICCI subsystem Network Manager (CASNMNET) has terminated the CAICCI subsystem.

Action:

No action is required.

CAS9637I

CAICCI Network Manager being terminated

Reason:

The CAICCI subsystem Network Manager (CASNMNET) has determined that the CAICCI subsystem is to be terminated. This message is accompanied by another CAS9 message indicating the exact reason of the termination.

Action:

Refer to the accompanying CAS9 CAICCI messages.

CAS9638E

CAICCI Network Manager not in APF Library

Reason:

The CAICCI subsystem Network Manager (CASNMNET) has determined that the CAICCI subsystem is running from a library that is not APF authorized.

Action:

Refer to the *Installation Guide* for further information.

CAS9639I

CAICCI ACB open retry successful *xxxxxxxx*.

Reason:

The CAICCI subsystem has issued a VTAM "OPEN" request against the VTAM ACB and received a positive response. CAICCI is now in session with the SSCP.

Action:

No action is required.

CAS9641I

CAICCI Communication Manager now active *xxxxxxxx*

Reason:

The CAICCI subsystem Communication Manager (CASNMCOM) has been initialized and is operational.

Action:

No action is required.

CAS9642E

CAICCI damaged SVT; unable to continue

Reason:

The CAICCI subsystem has encountered corrupted Private Area storage associated with a mainline control CAICCI control block.

Action:

CAICCI is abnormally terminated. Refer to the accompanying CAS9 CAIENF messages. Save all dumps and other diagnostics for CA Support assistance, if required.

CAS9643E

CAICCI damaged VAT; unable to continue

Reason:

The CAICCI subsystem has encountered corrupted CSA storage. This message may be a symptom of a larger "corrupted storage" problem.

Action:

CAICCI is abnormally terminated. Refer to the accompanying CAS9 CAIENF messages. Save all dumps and other diagnostics for CA Support assistance, if required.

CAS9644I

CAICCI Communication Manager being terminated

Reason:

The CAICCI subsystem Communications Manager (CASNMCOM) has determined that the CAICCI subsystem is to be terminated. This message is accompanied by another CAS9 message indicating the exact reason of the termination.

Action:

Refer to the accompanying CAS9 CAICCI messages.

CAS9645W

CAICCI Communication Manager abnormal termination

Reason:

The CAICCI subsystem Communications Manager (CASNMCOM) is being terminated abnormally. This message is accompanied by another CAS9 message indicating the exact nature of the problem.

Action:

Refer to the accompanying CAS9 CAICCI messages.

CAS9646I

CAICCI Dispatch Manager now active *xxxxxxxx*

Reason:

The CAICCI subsystem Dispatch Manager (CASNMCOM) has initialized and is operational.

Action:

No action is required.

CAS9647I

CAICCI Dispatch Manager being terminated

Reason:

The CAICCI subsystem Dispatch Manager (CASNMDSP) has determined that the CAICCI subsystem is to be terminated. This message is accompanied by another CAS9 message indicating the exact reason of the termination.

Action:

Refer to the accompanying CAS9 CAICCI messages.

CAS9648W

CAICCI Dispatch Manager abnormal termination

Reason:

The CAICCI subsystem Dispatch Manager (CASNMDSP) is being terminated abnormally. This message is accompanied by another CAS9 message indicating the exact nature of the problem.

Action:

Refer to the accompanying CAS9 CAICCI messages.

CAS9649I

CAICCI Interface Manager now active *xxxxxxxx*

Reason:

The CAICCI subsystem Interface Manager (CASNMCOM) has initialized and is operational.

Action:

No action is required.

CAS9650I

CAICCI Interface Manager being terminated

Reason:

The CAICCI subsystem Interface Manager (CASNMINT) has determined that the CAICCI subsystem is to be terminated. This message is accompanied by another CAS9 message indicating the exact reason of the termination.

Action:

Refer to the accompanying CAS9 CAICCI messages.

CAS9651W

CAICCI Interface Manager abnormal termination

Reason:

The CAICCI subsystem Interface Manager (CASNMINT) is being terminated abnormally. This message is accompanied by another CAS9 message indicating the exact nature of the problem.

Action:

Refer to the accompanying CAS9 CAICCI messages.

CAS9652I

CAICCI RPL/REQ(*xx*) LU(*xxxxxxxx*) Exit(*xxxxxxxx*) Sub(*xxxxxxxx*)

Reason:

This message provides supplementary information when a VTAM RPL request has failed. This message indicates:

- VTAM RPL REQUEST TYPE (in hexadecimal)
- LU (logical unit from which the RPL request was directed)
- VTAM EXIT (SYNAD or LERAD from which this informational message is displayed)
- SUBROUTINE NAME (from which the RPL request was made)

Action:

No action is required.

CAS9654I

CAICCI VTAM LOSTERM EXIT RC(*xx*) LU(*xxxxxxxx*)

Reason:

This message indicates the VTAM LOSTERM EXIT RC (reason code) and the VTAM LU (logical unit) of the session that has been terminated. The reason code may be found in the IBM *VTAM Programming* manual. CAICCI will try to reconnect to the lost LU.

Action:

No action is required.

CAS9656W

CAICCI unable to contact remote host *xxxxxxxx*

Reason:

The CAICCI subsystem has issued a VTAM "REQSESS" request against the remote LU and received a negative response.

Action:

This message appears whenever the remote LU is inactive, improperly defined, or simply not defined. Refer to the *Installation Guide* for further information. Refer to the accompanying CAS9 CAICCI messages.

CAS9657E

CAICCI CTRACE table already exists. CCICT command ignored.

Reason:

The CCICT command (operator or configuration file) detected that it has already run.

Action:

None.

CAS9658E

CAICCI # of Bufs exceeds max for Buf Siz($$$$$$$). Setting to max.

Reason:

The CCICT command (operator or configuration file) detected that the requested number of buffers with the specified buffer size would exceed the size of the CTRACE Data Space. The requested number of buffers is reduced to the maximum $$$$$$$.

Action:

None.

CAS9660W

CAICCI NODE update has been applied *xxxxxxxx*

Reason:

CAICCI Node definition has been updated and processed.

Action:

No action is required.

CAS9661E

CAICCI MAXRU(*xxxxx*) for LU(*yyyyyyyy*) exceeds max length

Reason:

The sense information received from VTAM has indicated that the MAXRU specified in the PROTOCOL, NODE, or MAXRU statement (*xxxxx*) for the LU (*yyyyyyyy*) has exceeded the maximum length. To determine the required MAXRU for host connected through NCP, refer to the:

- MAXDATA operand of the PCCU macro
- BUFSIZE of the BUILD macro
- INBFRS, MAXBFRU, and UNITSZ operands of the HOST macro

See the IBM *z/OS Communications Server SNA Resource Definition Reference*. You should also consult with your data center's VTAM/NCP system programmer for further information.

Action:

Update the MAXRU values on CCIPARMS or ENFPARMs for the PROTOCOL, NODE, and MAXRU statements on the local and remote systems as needed, and restart CAIENF.

CAS9662W

CAICCI Exceeded OST count threshold *nnnnnn*

Reason:

The number of Outstanding Send Requests of all local CCI applications to all remote CCI applications has exceeded *nnnnnn*. This message will be issued for every increase of 1000 Outstanding Sends. This message does not necessarily indicate a problem. If the message occurs once, it indicates a momentary increase in CCI processing. If it is displayed more than once, it indicates that the CCI workload volume is exceeding its processing throughput capacity. This could be a problem with a communication link, with an application that invokes CCI services, or there is a problem with the service class or dispatching priority of one of the CCI processes.

Action:

Normally there is no action required. Monitor message frequency. If the message continues to be displayed, take dumps of the ENF/CCI address space and contact CCI support.

CAS9663W

CAICCI unable to generate ACB (*xxxxxxxx*)

Reason:

The CAICCI subsystem has requested storage for an ACB and received a negative response. This message appears when "private area" storage is no longer available. CAICCI continues to operate at a degraded level due to the storage constraint condition. *xxxxxxxx* refers to the return code (R15) from storage management.

Action:

The CAICCI subsystem may be terminated, region size increased, and then restarted. Refer to the *Administration Guide* for details on recycling CAIENF.

CAS9664W

CAICCI unable to generate EXLST (*xxxxxxxx*)

Reason:

The CAICCI subsystem has requested storage for an EXLST and received a negative response. This message appears when the private area storage is no longer available. CAICCI continues to operate at a degraded level due to the storage constraint condition. *xxxxxxxx* refers to the return code (R15) from storage management.

Action:

The CAICCI subsystem may be terminated, region size increased, and then restarted. See "Event Notification Facility" in the *Administration Guide* for details on recycling (restarting) CAIENF.

CAS9665W

CAICCI unable to generate RPL (*xxxxxxxx*)

Reason:

The CAICCI subsystem has requested storage for a VTAM RPL and received a negative response. This message appears when "private area" storage is no longer available. CAICCI continues to operate at a degraded level due to the storage constraint condition. *xxxxxxxx* refers to the return code (R15) from storage management.

Action:

The CAICCI subsystem may be terminated, region size increased, and then restarted. See "Event Notification Facility" in the *Administration Guide* for details on recycling (restarting) CAIENF.

CAS9666W

CAICCI unable to generate NIB (*xxxxxxxx*)

Reason:

The CAICCI subsystem has requested storage for an NIB and received a negative response. This message appears when "private area" storage is no longer available. CAICCI continues to operate at a degraded level due to the storage constraint condition. *xxxxxxxx* refers to the code (R15) from storage management.

Action:

The CAICCI subsystem may be terminated, region size increased, and then restarted. See "Event Notification Facility" in the *Administration Guide* for details on recycling (restarting) CAIENF.

CAS9667W

CAICCI unable to getmain RASTG (*xxxxxxxx*)

Reason:

The CAICCI subsystem has requested storage from any buffer and received a negative response. This message appears when "private area" storage is no longer available. CAICCI continues to operate at a degraded level due to the storage constraint condition. *xxxxxxxx* refers to the return code (R15) from storage management.

Action:

The CAICCI subsystem may be terminated, region size increased, and then restarted. See "Event Notification Facility" in the *Administration Guide* for details on recycling (restarting) CAIENF.

CAS9668W

CAICCI unable to modify CB (*yyy*,*xxxxxxxx*)

Reason:

The CAICCI subsystem has requested storage management to modify a VTAM control block (yyy) and received a negative response. This message appears when "private area" storage is corrupted. CAICCI continues to operate at a degraded level due to the storage problem. *xxxxxxxx* refers to the return code (R15) from storage management.

Action:

The CAICCI subsystem can be recycled to "clean up" the storage condition. Save all dumps and other diagnostics for CA Support assistance, if required. See "Event Notification Facility" in the *Administration Guide* for details on recycling (restarting) CAIENF.

CAS9669W

CAICCI RECEIVE failure FDBK(@@@@@@@@)

Reason:

There was an internal error in CAICCI between two internal tasks.

Action:

If this message occurs after maintenance is installed, an IPL or REFRESH of CAS9VTAM and CAS9CCI2 is required; otherwise, refer to the accompanying CAS9 messages.

CAS9670I

CAICCI Pri *yyyyyyyy* has logon from *xxxxxxxx*

Reason:

The CAICCI subsystem residing as a CAICCI Network Primary (*yyyyyyyy*) has received a logon request from a CAICCI Network Secondary (*xxxxxxxx*).

Action:

No action is required.

CAS9671I

CAICCI Pri *yyyyyyyy* in session with *xxxxxxxx*

Reason:

CAICCI subsystem residing as a CAICCI Network primary (*yyyyyyyy*) has accepted the logon request from a CAICCI Network Secondary (*xxxxxxxx*) and is now in session with it.

Action:

No action is required.

CAS9672W

CAICCI Pri *yyyyyyyy* lost session with *xxxxxxxx*

Reason:

The CAICCI subsystem residing as a CAICCI Network Primary (*yyyyyyyy*) has lost the session with the CAICCI Network Secondary (*xxxxxxxx*).

Action:

No action is required. See the accompanying CAS9 CAICCI messages for further details on session loss. This message can occur for several reasons:

- The Secondary CAICCI terminates.
- The Secondary LU was inactivated.
- The Secondary SSCP has terminated normally.
- The Secondary SSCP has terminated abnormally.

CAS9673W

CAICCI Pri *yyyyyyyy* rejected logon from *xxxxxxxx*

Reason:

The CAICCI subsystem residing as a CAICCI Network Primary (*yyyyyyyy*) has rejected the logon request from a CAICCI Network Secondary (*xxxxxxxx*).

Action:

No action is required. See the accompanying CAS9 CAICCI messages for further details on session loss. This error may occur if a non-CAICCI application attempts a logon to the CAICCI subsystem.

CAS9674W

CAICCI Pri *yyyyyyyy* opndst failure for *xxxxxxxx*

Reason:

The CAICCI subsystem residing as a CAICCI Network Primary (*yyyyyyyy*) was accepted by the CAICCI Network Secondary (*xxxxxxxx*); however, the SSCP did not allow the session connection.

Action:

No action is required. See the accompanying CAS9 CAICCI messages for further details on session loss. This error may occur if insufficient storage is available to allow session establishment.

CAS9675W

CAICCI Reject Reason *xxxxxxxxxxxxxxxxxxxxxxxx*

Reason:

CAICCI received an incoming logon request from a nonsupported LU. Specifics of reason are shown in the *xxxxxxxxxxxxxxxxxxxxxxxx* message.

Action:

Verify that the incoming LU session requestor is a proper CAICCI system. Record all appropriate messages and notify CA Support.

CAS9677W

CAICCI Alias name in conflict, using @@@@@@@@ for

Reason:

CAICCI has detected a conflict in the alias name passed by the remote platform. This alias name is already presently used by another platform with a different long name.

Action:

CAICCI will use a hex value of the TCP/IP address as the short name.

CAS9678W

CAICCI %%%%%%%%%%%%%%%%%%%%%%%%

Reason:

This message will always appear with message CAS9677W. This name displayed is the long name attempting to sign on which has the conflict.

Action:

No action is required. (See message CAS9677W.)

CAS9679E

CAICCI Address Space Abend @@@@

Reason:

An abend has occurred within CAICCI. The variable field displays the abend code.

Action:

This message is possible only with CAICCI 2.1.

See accompanying messages for more detail description of the error. Save all dumps and other diagnostics for CA Support assistance if required.

CAS9680I

CAICCI Sec *yyyyyyyy* req. session with *xxxxxxxx*

Reason:

The CAICCI subsystem residing as a CAICCI Network Secondary (*yyyyyyyy*) has requested a session with the CAICCI Network Secondary (*xxxxxxxx*).

Action:

No action is required.

CAS9681I

CAICCI Sec *yyyyyyyy* in session with *xxxxxxxx*

Reason:

The CAICCI subsystem residing as a CAICCI Network Secondary (*yyyyyyyy*) has received positive acknowledgment from the CAICCI Network primary (*xxxxxxxx*) and is now in session with it.

Action:

No action is required.

CAS9682W

CAICCI Sec *yyyyyyyy* lost session with *xxxxxxxx*

Reason:

The CAICCI subsystem residing as a CAICCI Network secondary (*yyyyyyyy*) has lost the session with the Network Primary (*xxxxxxxx*).

Action:

Refer to the accompanying CAS9 CAICCI messages for further details on session loss. This message can occur for several reasons:

- The Primary CAICCI terminates.
- The Primary LU was inactivated.
- The Primary SSCP has terminated normally.
- The Primary SSCP has terminated abnormally.

CAS9683E

CAICCI Sec *yyyyyyyy* maxru size (*xx*) too large

Reason:

The CAICCI subsystem, residing as a CAICCI Network Secondary (*yyyyyyyy*), has determined that the MAXRU is greater than the CAICCI subsystem allows. This is indicative of a non-CAICCI subsystem attempting session establishment using invalid BIND parameters.

Action:

No action is required. See the accompanying CAS9 CAICCI messages for further details on session loss.

CAS9684E

CAICCI incompatible with VTAM's maxru size

Reason:

The CAICCI subsystem residing as a CAICCI Network Secondary has requested a MAXRU that is greater than the SSCP allows. An inconsistency between the MAXRU size (NODE statement in the CAICCI parameters) and the SSCP, or NCP, exists.

Action:

The CAICCI subsystem is terminated. see "CAICCI Control Options" in the *Reference Guide* for details about the NODE statement.

CAS9685E

CAICCI Host LU resource unavailable *xxxxxxxx*

Reason:

This message indicates the ACB name of the remote CAICCI that this CAICCI attempted to contact and was unable to. This message is accompanied by message CAS9605N or CAS9606N. Probable user error.

Action:

Check the APPCR or NODE statement to ensure that the proper ACB name has been specified. Display the ACB name using VTAM network services and ensure proper definitions.

CAS9686E

CAICCI inconsistent BIND USER/HAT parms

Reason:

This message indicates an inconsistency between the local host (PROTOCOL) statement and the remote system's NODE statement.

Action:

Ensure consistency among all CAICCI PROTOCOL statements and NODE statements.

CAS9687E

CAICCI *xxxxx* @@@@@@@@ @@@@@@@@ @@@@@@@@ @@@@@@@@

Reason:

This message will be displayed to show the image of the incoming CINIT or BIND.

Action:

Refer to the accompanied CAS9 CAICCI message for further details on session connection request failure.

CAS9688E

CAICCI Sysid *xxxxxxxx* already defined using Protocol *xxxxxxxx*

Reason:

A second NODE or GATEWAY statement was encountered for the same remote SYSID but specified a different protocol type. Only one protocol type may be assigned for each remote SYSID. The protocol defined by the first NODE statement for a SYSID is used. Subsequent NODE statements specifying a different protocol for the SYSID are ignored.

Action:

Remove the NODE statement specifying the incorrect protocol type.

CAS9690E

CAICCI unable to locate control block *xxxx*

Reason:

The CAICCI subsystem is unable to locate a control block (*xxxx*) and is unable to continue.

Action:

The CAICCI subsystem is abnormally terminated. For assistance, contact CA Support at http://ca.com/support.

CAS9691E

CAICCI getmain failure for *xxxxxxxx* (*yyyyyyyy*)

Reason:

The CAICCI subsystem is unable to attain storage for control block *xxxxxxxx*, where *yyyyyyyy* is the cause.

Action:

The CAICCI subsystem is abnormally terminated. For assistance, contact CA Support at http://ca.com/support.

CAS9692E

CAICCI VTAM function *xxxxxxxx* failure (*yyyyyyyy*)

Reason:

The CAICCI subsystem is unable to perform VTAM function *xxxxxxxx* for reason *yyyyyyyy*.

Action:

The CAICCI subsystem writes a snap dump and continues processing. For assistance, contact CA Support at http://ca.com/support.

CAS9694W

CAICCI insufficient storage for *xxx*

Reason:

The CAICCI subsystem is unable to attain storage for control block *xxx*.

Action:

The CAICCI subsystem writes a snap dump and continues processing. For assistance, contact CA Support at http://ca.com/support.

CAS9695W

CAICCI unable to free storage for *xxx*

Reason:

The CAICCI subsystem is unable to free storage for control block *xxx*.

Action:

The CAICCI subsystem writes a snap dump and continues processing. For assistance, contact CA Support at http://ca.com/support.

CAS9696W

CAICCI duplicate inhost CCI detected; terminating

Reason:

The CAICCI subsystem has determined that another CAICCI is active within this host.

Action:

The CAICCI subsystem terminates.

CAS9697I

Verify CAICCI termination

Reason:

The CAICCI subsystem is about to be terminated.

Action:

No action is required.

CAS9698A

Reply "Y" to continue with term or "N" to restart CCI

Reason:

The CAICCI subsystem is at final termination but may be restarted. Once CAICCI has terminated, it can only be restarted by stopping and restarting ENF.

Action:

Reply Y to terminate CAICCI. Any other reply is treated as an N (NO) response and results in a restart of CAICCI.

CAS9700I

++++++++++++++++++++++++++++++++++

Reason:

Separator mark used to denote separation in line and resource displays.

Action:

No action is required.

CAS9701I

CCI # Rcvrs(*xxxxxxxx*) Local(*yyyyyyyy*) Remote(*zzzzzzzz*)

Reason:

CAICCI has knowledge of *xxxxxxxx* number of receivers. *yyyyyyyy* are receivers that are local to this host. *zzzzzzzz* are receivers that are remote to this host.

Action:

No action is required.

CAS9702I

CCI Resource Receiver (*aaaaaaaaaaaaaaaaaaaaaaaa*)

Reason:

CAICCI has a receiver whose ID is *aaaaaaaaaaaaaaaaaaaaaaaa*.

Action:

No action is required.

CAS9703I

CCI Resource Sender (*bbbbbbbbbbbbbbbbbbbbbbbbb*)

Reason:

CAICCI has a receiver whose EID is *bbbbbbbbbbbbbbbbbbbbbbbbb*.

Action:

No action is required.

CAS9704I

CCI Resource Own(*aaaaaaaa*) Rcvl(*xxxxxxxx*) Snd(*yyyyyyyy*) T(*b*)

Reason:

CAICCI has a receiver that is owned by SYSID *aaaaaaaa*. It has initiated *xxxxxxxx* receive requests and *yyyyyyyy* sends have been targeted to it. The type ID resource *b* is either L (local for this host) or R (remote host-owned resource).

Action:

No action is required.

CAS9705I

CCI Resource Rout(*a*) DOLRI(*xxxxxxxx*) TOLRI(*yyyyyyyy*) D(*a*)

Reason:

CAICCI has a receive outstanding. Y(es) or N(o). CAICCI date of last receive initiated was *xxxxxxxx*. CAICCI time of last receive initiated was *yyyyyyyy*.

Action:

No action is required.

CAS9706I

CCI Resource Que(*a*) DOLSI(*xxxxxxxx*) TOLSI(*yyyyyyyy*)

Reason:

CAICCI has a receiver that allows queuing. Y(es) or N(o). CAICCI date of last send initiated to this receiver was *xxxxxxxx*. CAICCI time of last send initiated to this receiver was *yyyyyyyy*.

Action:

No action is required.

CAS9707I

CCI Resource Rout(%) DOLRI(*xxxxxxxx*) TOLRI(*xxxxxxxxxxxx*) D(*x*)

Reason:

This message is produced as a result of a DISPLAY RESOURCE request. ROUT will be either Y(es) or N(o) to indicate if there is a current receive outstanding. DOLRI indicates the Date Of the Last Receive Initiated. TOLRI indicates the Time Of the Last Receive Acknowledged. D(eletable) indicates whether this receiver is being terminated, Y(es) or N(o).

Action:

No action is required.

CAS9708I

CCI Resource Que(*x*) DOLSI(*xxxxxxxx*) TOLSI(*xxxxxxxxxxxx*)

Reason:

This message is produced as a result of a DISPLAY RESOURCE request. QUE will be either Y(es) or N(o) to indicate if this receiver allows sends to be queued to it. DOLSI indicates the Date Of the Last Send Initiated. TOLRI indicates the Time Of the Last Send Acknowledged.

Action:

No action is required.

CAS9709I

CCI Resource xxx xxxxxxxx xxxxxxxxxxxxxxxxx

Reason:

This message is displayed in response to a DISPLAY RVTLOCK or DISPLAY RRTLOCK command.

The response to a DISPLAY RVTLOCK will be either RVT LOCKED or RVT UNLOCKED.

The response to a DISPLAY RRTLOCK will be either RRT LOCKED or RRT UNLOCKED.

Action:

If the response to either command is UNLOCKED, no action is required. If the response to either command is LOCKED, a resource lock has not been released. CCI will continue to run but with extremely degraded performance. Contact CCI support if this occurs.

CAS9710I

CCI Link Speaker(*a*) Act(*b*) Reps(*c*) PRO(*d*) T(*e*) LV(*f*)

Reason:

The variables refer to the following:

a

Indicates whether this CAICCI link speaker is P(rimary) or S(econdary).

b

Indicates whether this CAICCI link is active: Y(es) or N(o).

c

Identifies the type of link represented by this CAICCI link: N(etwork), T(CP/IP), X(ES), or M (XCF).

d

Identifies the LU type represented by this CAICCI link: LU0, TCP/IP, XES, or XCF.

e

Identifies the origin of the link: R(emote) or L(ocal).

f

Identifies the release date of the CAICCI system format: *mm*/*dd*/*yy* or *yyyymmdd*.

Action:

No action is required.

CAS9711I

CCI Link Applid(*aaaaaaaa*) Sysid(*bbbbbbbb*) LDrops(*cccccccc*)

Reason:

This CAICCI link APPLID is *aaaaaaaa*. This CAICCI link SYSID is *bbbbbbbb*. The number of CAICCI line drops encountered is *cccccccc*.

Action:

No action is required.

CAS9712I

CCI Link SI(*xxxxxxxx*) SA(*yyyyyyyy*) SOLM(*zzzzzzzz*)

Reason:

The variables refer to:

- This CAICCI link has seen *xxxxxxxx* send requests (sends initiated).
- This CAICCI link has processed *yyyyyyyy* send requests (sends acknowledged).
- The size of the last message seen on the link was *zzzzzzzz*.

Action:

No action is required.

CAS9713I

CCI Link LMSI(*hh.mm.ss.xxxx*) LMSA(*hh.mm.ss.xxxx*)

Reason:

The variables refer to:

- This CAICCI link "Last Message-Send Initiated" at time *hh.mm.ss.xxxx*.
- This CAICCI link "Last Message-Send Acknowledged" at date and time *hh.mm.ss.xxxx*.

Action:

No action is required.

CAS9718I

CCI Link Mxrup(@@@@@@@@) *M*xrus(@@@@@@@@) MP(@@) MS(@@)

Reason:

This message is produced as a result of a DISPLAY LINE request. MXRUP is the Maximum Request Unit Size for the Primary session partner. That is the maximum size that the Secondary CAICCI LU can send to the Primary CAICCI LU. MXRUS is the Maximum Request Unit Size for the Secondary session partner. That is the maximum size that the Primary CAICCI LU can send to the Secondary CAICCI LU. MP and MS are the MAXRU sizes in special format that is specified in the CINIT and BIND.

Action:

No action is required.

CAS9719I

CCI Link Sendq*(@@@@@@@@) T*Sendo*(@@@@@@@@) T*Senda*(@@@@@@@@)

Reason:

This message is produced as a result of a DISPLAY LINE request. SENDQ indicates the number of sends that have been queued on this line. TSENDO indicates the total number of send requests outbound that have been sent across this line. TSENDA indicates the total number of send requests that have been acknowledged across this line.

Action:

No action is required.

CAS9720I

CCI SYSID(*xxxxxxxx*)

Reason:

This message is produced as a result of a DISPLAY SYSID request. *xxxxxxxx* represents the CAICCI SYSID of this host.

Action:

No action is required.

CAS9721I

CCI *xxxx* Type(@@) Retry(@@@@) Start(*x*) Shut(*x*) MN(@@)

Reason:

This message is produced as a result of a DISPLAY NODE or a DISPLAY PROTOCOL request. *xxxx* will either be PROT or NODE determined by the type of request that is being made. Type is the LU type or protocol type. RETRY is the time interval in minutes that CAICCI will use before retrying a session request. START indicates the startup option selected. SHUT indicates the shutdown option selected.

Note: See the *Installation Guide* for more information on the Start and Shut options.

Action:

No action is required.

CAS9722I

CCI xxxx MaxRU(@@@@@@@@) SYSID(xxxxxxxx) xxxxxxxxxxxxxxxxxxxxxxx

Reason:

This message is produced as a result of a DISPLAY NODE or a DISPLAY PROTOCOL request. *xxxx* is either PROT or NODE (determined by the type of request that is being made). MAXRU is the maximum request unit that can be sent by this side to its session partner. SYSID is the CAICCI SYSID. ACB may or may not be present in the message. When present, the ACB refers to the VTAM ACB name selected.

Action:

No action is required.

CAS9724I

CCI Link Sysid(*aaaaaaaa)* LDrops(*bbbbbbbb*)

Reason:

This message is produced as a result of a CCI(DISPLAY,LINK) request for non-VTAM nodes. The CAICCI link SYSID is *aaaaaaaa* and the number of CAICCI link drops encountered is *bbbbbbbb*.

Action:

No action is required.

CAS9725I

CCI Link TCP/IP Address(*xxx.xxx.xxx.xxx*) Port(*yyyy*)

Reason:

This message is produced as a result of a CCI(DISPLAY,LINK) request for a TCP/IP node. *xxx.xxx.xxx.xxx* is the TCP/IP address, while *yyyy* is the port number.

Action:

No action is required.

CAS9726I

CCI TCP/IP(*xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx*)

Reason:

This message is produced as a result of a DISPLAY NODE request. *xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx* is the TCP/IP address and port number as they were entered on the NODE statement specified in CCIPARMS.

Action:

No action is required.

CAS9727I

CCI Link IP Addr(xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Reason:

This message is produced as a result of a CCI(DISPLAY,LINK) request for a TCP/IP node.

xxx.xxx.xxx.xxx

The TCP/IP address if IPv4.

xxxx:xxxx:xxxx:xxxx:xxxx:xxxx:xxxx

IPv6 format of address.

Action:

No action is required.

CAS9728I

CCI Link TCP Port(*yyyyy*)

Reason:

This message is produced as a result of a CCI(DISPLAY,LINK) request for a TCP/IP node.

yyyyy

The active PORT.

Action:

No action is required.

CAS9729I

CCI Link DNS Hostname(xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Reason:

This message is produced as a result of a CCI(DISPLAY,LINK) request for a TCP/IP node.

xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx is the TCP/IP DNS Hostname.

Action:

No action is required.

CAS9730I

CCI CONNECT(*xxxxxxxx*,*xxxxxxxx*,*xxxxxxxx*,*xxxxxxxx*)

Reason:

This message is produced as a result of a DISPLAY CONNECT request. Up to seven remote CAICCI SYSIDs will be displayed on this line.

Action:

No action is required.

CAS9731I

CCI Link RStart(*s*) RShut(*s*) CStart(*s*) CShut(*s*) Sysplex(*v*)

Reason:

This displays the startup CAICCI requested start option (RSTART), requested stop or shut option (RSHUT), the current start option (CSTART), the current stop or shut option (CSHUT), and the (SYSPLEX) ID of which this CAICCI system is a member.

Action:

No action is required. This message is informational only.

CAS9732I

CCI QUEUED(xxxxxxxx)

Reason:

This message is displayed in response to a DISPLAY, RECEIVE command. For each local receiver, this message displays the number of messages that are on the receiver's pending queue awaiting the receiving application's read request.

Action:

No action is required.

CAS9733I

CCI JOBNAME(xxxxxxxx) JOBNUM(xxxxxxxx)

Reason:

This message is displayed in response to a DISPLAY, RECEIVE command. For each local receiver, this message displays the Jobname and Job Number of the application that created the receiver.

Action:

No action is required.

CAS9740W

CAICCI NODE not found for CONNECT *xxxxxxxx*

Reason:

A CONNECT statement was specified, but no NODE definition for the specified SYSID *(xxxxxxxx*) was found.

Action:

Specify the NODE definition for this CONNECT request.

CAS9750E

CAICCI unable to initialize *xxxxxxxx*

Reason:

One of the CAICCI modules (*xxxxxxxx*) was unable to initialize. This message will be accompanied by one or more CAS9 CAICCI messages.

Action:

Save all dumps and other diagnostics for CA Support assistance, if required.

CAS9751I

CAICCI Server Manager now active *xxxxxxxx*

Reason:

This message indicates the CAICCI Server Manager is active.

Action:

No action is required.

CAS9752I

CAICCI Server Manager being terminated

Reason:

This message indicates the CAICCI Server Manager is being terminated normally.

Action:

No action is required.

CAS9753W

CAICCI Server Manager abnormal termination

Reason:

This message indicates the CAICCI Server Manager is being terminated abnormally.

Action:

Save all dumps and other diagnostics for CA Support assistance, if required.

CAS9754I

CAICCI LU Services Manager now active *xxxxxxxx*

Reason:

This message indicates the CAICCI LU Services Manager is operational and at PUT level *xxxxxxxx*.

Action:

No action is required.

CAS9755I

CAICCI LU Services Manager being terminated

Reason:

This message indicates the CAICCI LU Services Manager is being terminated normally.

Action:

No action is required.

CAS9756W

CAICCI LU Services Manager abnormal termination

Reason:

This message indicates the CAICCI LU Services Manager is being terminated abnormally.

Action:

Save all dumps and other diagnostics for CA Support assistance, if required.

CAS9757I

CAICCI Spawn Manager now active xxxxxxxx

Reason:

This message indicates the CAICCI Server Manager is active.

Action:

No action is required.

CAS9758I

CAICCI Spawn Manager being terminated

Reason:

This message indicates the CAICCI SPAWN manager is being terminated normally.

Action:

No action is required.

CAS9759W

CAICCI Spawn Manager abnormal termination

Reason:

This message indicates the CAICCI SPAWN manager is being terminated abnormally.

Action:

Save all dumps and other diagnostics for CA Support assistance, if required.

CAS9760N

CAICCI SSMO(@@@@@@@@) SSMI(@@@@@@@@) USMO(@@@@@@@@) USMI(@@@@@@@@)

Reason:

This message accompanies other CAICCI link messages and indicates the VTAM sense modifiers.

Action:

Refer to the appropriate VTAM documentation for the exact nature of the problem.

CAS9761N

CAICCI SSEO(@@@@@@@@) SSEI(@@@@@@@@)

Reason:

This message accompanies other CAICCI link messages and indicates the VTAM sense modifiers.

Action:

Refer to the appropriate VTAM documentation for the exact nature of the problem.

CAS9762W

CAICCI Resource Shortage / %%%%%%%%

Reason:

CAICCI receiver is no longer available on the system.

Action:

Determine the nature of the CA solution failure and contact CA Support.

CAS9763W

CAICCI No external queuing built in.

Reason:

CAICCI receiver is no longer available on the system.

Action:

Determine the nature of the CA solution failure and contact CA Support.

CAS9764W

CAICCI RQN send failure

Reason:

CAICCI is receiver no longer available on the system.

Action:

Determine the nature of the CA solution failure and contact CA Support.

CAS9765W

CAICCI Unauthorized user requesting session; rejecting BIND

Reason:

An unauthorized user has requested a session with CAICCI.

Action:

Session request is not accepted. Follow up as your data center policy dictates.

CAS9766W

CAICCI session will not be established

Reason:

An unauthorized user has requested a session with CAICCI.

Action:

No action is required. This message is informational only.

CAS9767I

CAICCI Spawn Server now active xxxxxxxx

Reason:

A CAICCI SPAWN server (CASNMVSR) has been initialized and is ready to accept work from the CAICCI SPAWN manager.

Action:

No action is required. This message is informational only.

CAS9768I

CAICCI Spawn Server being terminated

Reason:

A CAICCI SPAWN server (CASNMVSR) has been requested to terminate itself.

Action:

No action is required. This message is informational only.

CAS9769W

CAICCI Spawn Server abnormal termination

Reason:

A CAICCI SPAWN server (CASNMVSR) is being terminated abnormally. This message is accompanied by other CAS9 messages indicating the exact reason of the termination.

Action:

Refer to the accompanying CAS9 CAICCI messages and take appropriate action.

CAS9770E

CAICCI Spawn Server terminated - *xxxxxxxxxxxxxxxxxxxxxxxx*

Reason:

A CAICCI SPAWN server has terminated. *xxxxxxxxxxxxxxxxxxxxxxxx* represents the reason of the termination.

Action:

No action is required. This message is informational only.

CAS9771I

CAICCI Spawn Server=xxxxxxxxxxxxxxxxxxxxxxxx/yyyyyyyyyyyyyyyyyyyy

Reason:

The message displays the CAICCI SPAWN server name of *xxxxxxxxxxxxxxxxxxxxxxxx* and the CAICCI RECEIVE ID of *yyyyyyyyyyyyyyyyyyyy*.

Action:

No action is required. This message is informational only.

CAS9772I

CAICCI Spawn Server=Jobname(*xxxxxxxx*) Job#(*yyyyy*) Asid(*zzzz*)

Reason:

The message displays the CAICCI SPAWN server job name of *xxxxxxxx*, job number of *yyyyy*, and the z/OS ASID of *zzzz*.

Action:

No action is required. This message is informational only.

CAS9780I

CAICCI AD OPN(*z*) DSN=*xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx*

Reason:

This message is produced in response to a CAICCI LOGGER DISPLAY command. *z* will be either a Y or N, indicating whether the logger data set specified in DSN= is opened.

Action:

No action is required. This message is informational only.

CAS9781I

CAICCI AD Avail Space (*nnnnnnnn*K) Percent Full(*nnn*) Extents(*nnn*)

Reason:

This message is produced in response to a CAICCI LOGGER DISPLAY command and shows the available spaces, the percent full, and the number of extents the LOGGER data set is currently using.

Action:

No action is required. This message is informational only.

CAS9782I

CAICCI *nnnnnnnn* AD Records Purged

Reason:

This message is produced in response to a CAICCI LOGGER PURGE command. *nnnnnnnn* is the number of records deleted from the LOGGER data set.

Action:

No action is required. This message is informational only.

CAS9783W

CAICCI duplicate inhost CCILOGGER detected; terminating

Reason:

Attempted to start an additional CAILGR address space.

Action:

The new CAILGR address space will terminate.

CAS9784E

CAICCI AD Avail Apace (*nnnnnnnn*K) Percent Full(*nnn*) Extents(*nnn*)

Reason:

The LOGGER data set is equal to or greater than 80% full.

Action:

If the LOGGER data set was allocated with a secondary allocation, the number of extents are not at the maximum and there is available space on the disk volume where the logger data set is allocated, VSAM will allocate an additional extent. No further action is needed at this time.

If there is no secondary allocation or no available space on the disk volume, or the number of extents is at the maximum, the LOGGER facility will terminate when the LOGGER data set becomes full.

CAS9785E

CAICCI AD Error - Vsam FDBK (xxxxxxx), Vsam FTNCD (xxxxxxx)

Reason:

A VSAM error occurred during a WRITE to the CCILGR Assured Delivery database.

Action:

Consult the IBM manual *Z/OS/DFP Macro Instructions for Data Sets* for the VSAM FDBK and FTNCD.

CAS9786A

CAICCI Logger database unavailable, Reply "A" to abort

Reason:

When CCILGR is not running, the LOGGER API is unable to get the ENQ required to open the LOGGER database.

Action:

Contract Common Services support.

CAS9787A

CAICCI Logger Reload Failed, Reply "A" to abort, "C" to Continue

Reason:

During REORG processing of the VSAM file, the REORG process failed.

Action:

If the reply is “C” CCILGR will start.

Important! Data may be lost.

If the reply is “A” CCILGR will abend with abend code 3233 (CA1).

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

CAS9788E

CAICCI AD Error - Unable to open Vsam file. Error @@(*$$$*)

Reason:

VSAM file failed to open. *@@($$$)* is the OPEN reason code.

Action:

Make sure the VSAM file is defined correctly.

CAS9800I

ENF-DB2 Interface Initialization in Progress.

Reason:

The CAIENF/DB2 interface is being initialized.

Action:

No action is required.

CAS9801I

ENF-DB2 Interface Initialization Complete System *$$$$*

Reason:

The CAIENF/DB2 interface has completed initialization. *$$$$* is the defined z/OS system for the interface.

Action:

No action is required.

CAS9802I

ENF-DB2 Interface Termination Complete System *$$$$*

Reason:

The CAIENF/DrB2 interface, defined as z/OS Subsystem *$$$$*, has terminated.

Action:

No action is required.

CAS9803I

ENF-DB2 Interface Initialization Bypassed System *xxxxx*

Reason:

CAIENF/DB2 is not installing its intercepts into the DB2 system *xxxxx*.

Action:

If the CAIENF/DB2 intercepts are required in this DB2 system, the actions listed in the *Administration Guide* (CAIENF/DB2 Execution) must be taken. Otherwise, this message is informational.

CAS9804I-DBEX

ENF/DB2 DDF Subtask started

Reason:

Indicates that the ENF/DB2 DDF processing thread has successfully started.

Action:

No action is required.

CAS9850I

CAICCI TCP/IP server ready. PORT *$$$$* ADDR *%%%%%%*

Reason:

The CCITCP address space has completed initialization and is ready to service applications. *$$$$* is the port number CCITCP is using, and *%%%%%%* is the Internet address of the *z/OS* host reported by TCP/IP.

Multiple messages are associated with this message number. All of them are informational regarding the initialization of the underlying communication protocol (TCP/IPv4, TCP/IPv6, and SSL) by CCITCP, CCITCPGW, CCISSL, and CCISSLGW.

Action:

No action required.

CAS9855I

CAICCI Task $$ has connection from peer %%%%%%

Reason:

CAICCI received a connection request from a remote user. In this message, $$ contains a CCITCP logical task identifier and %%%%%% contains the Internet address of the remote user connecting to CAICCI.

Action:

No action required.

Additional CAS9855I Messages

The following CAS9855I informational messages are displayed on the console by CCISSLGW when a connection is established. These messages require no action.

Task *xxxx* has *xxxxxxxx* session with *xxxxxxxxxxxxxxxx*

Task *xxxx* and Remote Host using *xxxxx xxxxx xxxxx*

CAS9856I

CAICCI is reconnecting to Host *yyyyyyyy*, with IP@ *nnn.nnn.nnn.nnn*

Reason:

A remote node *yyyyyyyy*, with IP address *nnn.nnn.nnn.nnn*, has reconnected to this host.

Action:

No action is required.

CAS9857E

CAICCI Possible configuration problem with Host x*xxxxxxxx*

Reason:

During remote reconnection to host *xxxxxxxx*, the IP address has changed from the last connection.

Action:

If a MULT-LAN card is available on this remote host, the host IP address was changed, or if Virtual IP Addressing (VIPA) is used, ignore this message. Otherwise, there may be two or more remote nodes with the same system ID name, which is a configuration problem.

CAS9861I

Task $$ closing %%%, *nnnn* packets, *nnnn* bytes.

Reason:

A remote connection is about to be closed. The message identifies both the number of data bytes transferred and the number of network packets required.

Action:

No action required.

CAS9890E

ID %% Verb %% Version %% Length %%%%

Reason:

CAICCI has received a data packet from a remote application that appears to be invalid. The message contains information that may be important for CAICCI support personnel in diagnosing the problem. After reporting the error, CAICCI will close the connection to the remote system.

Action:

Retry the failing operation. If the problem persists, contact CAICCI support.

CAS9891E

External security error.

Reason:

CCITCP and CCITCPGW require External Security (CA ACF2, CA Top Secret, or RACF).

Action:

Beginning with IBM TCP/IP Version 3.4, IBM requires OMVS segments to be defined to the external security product installed. See the IBM documentation for details about defining an OMVS segment.

CAS9899E

Error: ***%%%%%%%%%%%%%%%%%%%%%%%%%%***

Reason:

A TCP/IP Sockets API error has occurred. The variable portion of the message identifies the specific API invoked and explains the error that occurred. If the error can be associated with a single user, then that user's connection will be broken and other sessions will be unaffected. Otherwise, if the error is global in nature or occurs during initialization, CCITCP will terminate.

Certain errors may indicate a lack of memory within the CCITCP address space. If you receive one of these errors, either increase the size of the CCITCP address space (by increasing the REGION= parameter in the CCITCP started task JCL), or run another copy of the CCITCP address space.

Action:

Correct the problem identified in the error message and retry the failing operation.

CAS9899I

%%%%%%%%%%%%%%%%%%%%%%%%%%

Reason:

Multiple messages are associated with this message number. All of them are informational regarding the parameters and commands that were passed to CCITCP, CCITCPGW, CCISSL, and CCISSLGW, their run-time environment, and their resultant mode and status of operation.

Action:

No action required.

CAS9899W

TCP/IP not available...waiting.

Reason:

The CCITCP address space was started before TCP/IP for z/OS. CAICCI will periodically attempt to connect to TCP/IP and will continue operating once TCP/IP starts.

Action:

Start TCP/IP for z/OS, if you have not done so already.

CAS9900I

ENF SNMP Monitor Initialization in Progress

Reason:

The ENF SNMP address space has been started.

Action:

No action is required.

CAS9901E

CLIST execution error - return code *&rc*.

Reason:

An error has occurred while executing the CAICSMF or CAICRIM CLISTs. Actual return code from processing is displayed.

Action:

Probable error in locating CAILIB or member CAISMFU/CAIRIMU does not exist. Check the CAILIB symbolic to ensure that the indicated library is correct and that the members CAISMFU and CAIRIMU exist.

CAS9902W

ENF is not Available - SNMP Tracking Suspended

Reason:

The ENF address space has become unavailable.

Action:

Start the ENF address space.

CAS9903E

MVS System not at Minimum Release Level Required

Reason:

MVS system is at pre-ESA level.

Action:

Upgrade the MVS system.

CAS9904I

ENF Now Available - SNMP Tracking Resumed

Reason:

ENF address space has become available.

Action:

No action is required.

CAS9905E

ENFSNMP Event not found or Inactive.

Reason:

ENF SNMP event is not active to CAIENF. CAS9DCM4 has probably not been installed.

Action:

Install DCM CAS9DCM4 into the CAIENF database.

CAS9906E

ENF SNMP Monitor Already Active.

Reason:

An attempt has been made to start the ENF SNMP address space a second time.

Action:

No action is required.

CAS9907I

ENF SNMP Monitor Initialization Complete

Reason:

The ENF SNMP Monitor has completed its initialization.

Action:

No action is required.

CAS9908I

ENF SNMP Monitor is Shutting Down

Reason:

The P ENFSNMPM command has been issued and accepted. ENFSNMPM will shutdown.

Action:

No action is required.

CAS9909I

Trace Active

Reason:

The ENF SNMP Monitor TRACE facility is now turned on to get tracing for diagnosis.

Action:

No action required. This message is informational.

CAS9910I

Trace Inactive

Reason:

The ENF SNMP Monitor TRACE facility is now turned off.

Action:

No action required. This message is informational.

CAS9911I

Invalid command entered.

Reason:

This command is not valid for the ENF SNMP Monitor.

Action:

Check if your command is TRAce, NOtrace, SNAP or NOsnap.

CAS9912I

SNAP Active.

Reason:

The SNAP facility is now turned on to dump hex ENF data to diagnose problems with the ENF SNMP monitor.

Action:

No action required. This message is informational.

CAS9913I

SNAP inactive.

Reason:

The SNAP facility for ENF SNMP Monitor is now turned off.

Action:

No action required. This message is informational.

CAS9920I

CAIRIM WAITING FOR SERIALIZATION ENQUEUE.

Reason:

Another CAS9 initialization procedure is running on the system. This instance of CAS9 will wait up to 20 minutes for the other CAS9 to end. If the other instance of CAS9 does not end within 20 minutes, this instance of CAS9 will terminate.

Action:

No action is required.

CAS9930I

CICS STATUS: (AUTO-INSTALL FEATURE *status*)

Reason:

One of a group of messages issued in response to an ENF/CICS QUERY request.

status

The status (active or inactive) of the ENF/CICS interface.

Action:

No action is required. This message is informational.

CAS9931I

CA-ENF PRODUCT=*product* ROUTINE=*routine* EPADDR=*epaddr* STATUS=*status*

Reason:

One of a group of messages issued in response to an ENF/CICS QUERY request. This message displays the product ID, interface name, entry point address, and status of one or more installed ENF/CICS applications.

Action:

No action is required. This message is informational.

CAS9932I

CA-ENF Miscellaneous status information

Reason:

The purpose of this general information message is to display miscellaneous ENF/CICS status information. This message would be issued, for example, in response to an ENF/CICS QUERY request, to indicate the absence of any installed ENF/CICS applications.

Action:

No action is required. This message is informational.

CAS9933I

CA-ENF PRODUCT *product* INSTALLED IN REGION *region*

Reason:

This message is issued in response to a product/region-specific ENF/CICS QUERY request. It confirms that product *product* is installed in CICS region *region* and is currently active.

Action:

No action is required. This message is informational.

CAS9934I

CA-ENF PRODUCT *product* NOT INSTALLED IN REGION *region*

Reason:

This message is issued in response to a product/region-specific ENF/CICS QUERY request. It indicates that product *product* is *not* installed in CICS region *region*.

Action:

No action is required. This message is informational.

CAS9935I

CA-ENF PRODUCT *product* NOT ACTIVE IN REGION *region*

Reason:

This message is issued in response to a product/region-specific ENF/CICS QUERY request. It indicates that product *product* is installed in CICS region *region*, but it is currently inactive.

Action:

No action is required. This message is informational.

CAS9DCMR-001D

CAS9DCMR-001D SYSPRINT DD STATEMENT MISSING. JOB ABORTED.

Reason:

A SYSPRINT DD statement could not be found. The job cannot continue without this statement.

Action:

Supply a SYSPRINT DD statement in the execution JCL.

CAS9DCMR-002D

DCMLIB DD STATEMENT MISSING. RUN ABORTED. RC=16.

Reason:

A DCMLIB DD statement could not be found. The job cannot continue without the statement.

Action:

Supply a DCMLIB DD statement in the execution JCL.

CAS9DCMR-003E

INVALID STATEMENT. CONTROL CARD MUST BEGIN WITH DCM(. STATEMENT IGNORED.

Reason:

An input control statement was found that was not a comment or a DCM(statement.

Action:

Correct the control statement that is in error.

CAS9DCMR-004W

INPUT STATEMENT TERMINATED AT BLANK. ACCEPTED AS WRITTEN.

Reason:

An input DCM control statement was found that contained a blank before the closing parenthesis was found. The statement is considered to be terminated at the blank and the data following the blank is ignored.

Action:

Correct the control statement that is in error.

CAS9DCMR-005W

INVALID DCM FOUND *dcmname*. EYECATCHER IS NOT EDCM. THIS DCM WILL NOT BE MAPPED.

INVALID DCM FOUND *dcmname*. VERSION IS 1 OR 2. THIS DCM WILL NOT BE MAPPED.

Reason:

A DCM load module must contain an eyecatcher of EDCM as the first characters. The DCM named in the message was found and loaded into storage, but the eyecatcher was not EDCM. Mapping of the named DCM is bypassed.

A DCM load module must also contain a version number of 1 or 2. If the version is not 1 or 2, then the DCM will not be mapped.

Action:

Research the named DCM to determine if the name was specified incorrectly or if the named member is not really a DCM.

For version 1 or 2 incompatibility, contact CA Support.

CAS9DCMR-006W

DCM *dcmname* NOT FOUND IN THE DCMLIB.

Reason:

The DCM named in the message was not found in the DCMLIB. Mapping of the named DCM is bypassed.

Action:

Research the named DCM to determine if the name was specified incorrectly or if the DCM is in a library other than the one named on the DCMLIB DD statement.

CAS9DCMR-007W

I/O ERROR LOADING DCM *dcmname*

Reason:

An I/O error occurred while loading the named DCM from the DCM library. Mapping of the named DCM is bypassed.

Action:

Review the job log to determine if z/OS reported any errors. check the DCM library for errors and retry the job.

CAS9DCMR-008W

UNKNOWN ERROR LOADING DCM dcmname

Reason:

The operating system reported an unknown type of error while loading the named DCM. Mapping of that DCM is bypassed.

Action:

Review the job log to determine if z/OS reported any errors. Check the DCM library for errors and retry the job.

CAS9DCMR-009W

LOAD OF DCM *dcmname* FAILED. THIS DCM WILL NOT BE MAPPED.

Reason:

The operating system was unable to load the named DCM. Mapping of that DCM is bypassed.

Action:

Review the job log to determine if z/OS reported any errors. Check the DCM library for errors and retry the job.

CAS9DCMR-010W

DCM DEFINITION *dcmname* IS ALREADY IN THE TABLE. ENTRY IGNORED.

Reason:

The DCM named in the message was previously found in a DCM control statement. The duplicate entry is ignored.

Action:

Remove the DCM name that is reported in the message, since it will already be processed by the previous reference.

CAS9DCMR-011E

TOO MANY DCMS. THE MAXIMUM ALLOWED IS 99. ABORTING.

Reason:

The internal DCM table is limited to 99 entries. There were more than 99 DCM names provided in the control statements. The program terminates.

Action:

Reduce the number of DCM names in the DCM control statements so that no more than 99 DCMs are processed in one run of the program.

CAS9DCMR-012W

STORAGE OBTAIN FOR DCM *dcmname* FAILED. THIS DCM WILL NOT BE MAPPED.

Reason:

A request to the operating system for storage to hold the named DCM failed. There is not enough storage available.

Action:

Do one of the following:

- Increase the region size on the EXEC card
- Specify REGION=0M to request the maximum available region
- Reduce the number of DCMs being mapped

CAS9DCMR-013W

THE SPECIFIED DCMNAME IS LONGER THAN 8 CHARACTERS. THE NAME IS TRUNCATED AT 8 CHARACTERS.

Reason:

While parsing the DCM names in the DCM statement, a name was found that contained more than 8 characters. The name is truncated at 8 characters and the rest of the card is processed normally.

Action:

Find the incorrect DCM name and correct it so that it only contains 8 characters.

Chapter 12: CASD Messages

List of CASD Messages

The following messages are generated by the CAISDI/soap, CAISDI/med and CAISDI/els components.

Note: For customers with CA Service Desk ITIL configurations, the term “requests” in the following messages refers to “incidents,” and the term “assets” refers to “configuration items.”

CASD001I

CA SOAP Client for z/OS Release r12 [*date*]

Reason:

This indicates the CAISDI/soap Client address space has started up.

date

Displays the current date in Mmm DD YYYY format.

Action:

No action is required.

CASD002I

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Reason:

This is the initialization message from the CAISDI/soap Client.

Action:

No action is required.

CASD003I

CA SOAP Client PID *pid*

Reason:

This message is issued in response to a shutdown or LIST command. (Messages CASD003I-CASD006I are a group.) A new UNIX System Services process has been created to perform this function.

pid

Displays the UNIX System Services process ID.

Action:

No action is required.

CASD004I

Transactions processed: *num*

Reason:

This message is issued in response to a shutdown or LIST command. (Messages CASD003I-CASD006I are a group.)

num

Displays the number of transactions processed.

Action:

No action is required.

CASD005I

Errors: *num*

Reason:

This message is issued in response to a shutdown or LIST command. (Messages CASD003I-CASD006I are a group.)

num

Displays the number of transactions in error.

Action:

No action is required.

CASD006I

Server CPU: *usec* user/*ssec* system

Reason:

This message is issued in response to a shutdown or LIST command. (Messages CASD003I-CASD006I are a group.)

usec

Displays the number of CPU seconds attributable to user transactions.

ssec

Displays the number of CPU seconds attributable to system activities.

Action:

No action is required.

CASD007E

CA SOAP Client requires POSIX(ON)

Reason:

The POSIX environment is not on.

Action:

UNIX System Services must be started with POSIX set to ON for the CAISDI/soap address space to execute.

CASD008E

CA SOAP Client requires root privileges

Reason:

Unable to set the UID to zero in CAISDI/soap Client address space.

Action:

Make sure the user ID associated with the CAISDI/soap address space either has UID 0 or is a superuser-level ID.

CASD009E

Error processing configuration data

Reason:

An error occurred while parsing the configuration data.

Action:

Check the output for more specific messages.

CASD010E

No memory for CCI buffer

Reason:

Unable to obtain storage for CAICCI communications.

Action:

Increase the REGION size for the CAISDI/soap Client address space.

CASD011E

Start failed for command thread

Reason:

In attempting to process a command, CAISDI/soap attempted to initiate a UNIX System Services thread. An unanticipated failure was encountered when the function pthread_create() was executed.

Action:

Check the JOBLOG for messages.

CASD012E

Start failed for background task thread

Reason:

In attempting to set up a background process, CAISDI/soap attempted to initiate a UNIX System Services thread. An unanticipated failure was encountered when the function pthread_create() was executed.

Action:

Check the JOBLOG for messages.

CASD013I

Internal Error or shutdown request (*cci_rc*)

Reason:

The CAISDI/soap Client has been requested to terminate (either by command or due to internal error).

cci_rc

Displays the CAICCI return code that was detected.

Action:

If not requested to shut down, check for other error messages and see CAISDI/soap API Return Codes (see page 1056) in the chapter "Codes."

CASD014E

Error opening CONFIG (*fileid*): *err_msg*

Reason:

Error occurred when trying to open the configuration input file.

fileid

Identifies the specific file being read. If an HFS file was being used for input, it will be the HFS path.

err_msg

Gives a more specific reason for the failure.

Action:

Check for other error messages.

CASD015E

Error in configuration file - missing continuation

Reason:

Error occurred parsing the configuration input. A variable was to be continued on the next line, but the continuation was not found.

Action:

Correct the variable in the configuration file.

CASD016E

Error in configuration file - line too long

Reason:

Error occurred parsing the configuration input. The input line exceeds the maximum length allowed of 256 bytes.

Action:

Correct the configuration file.

CASD017E

Both SSL_SAF and SSL_HFS specified in configuration file

Reason:

Both SSL_SAF and SSL_HFS cannot be specified.

Action:

Correct the configuration file to specify either SSL_SAF or SSL_HFS.

CASD018E

Configuration parameter TIMEOUT_IO value out of range

Reason:

The value specified in the configuration file for TIMEOUT_IO was not within range.

Action:

Specify a value between 1 and 3600.

CASD019E

Configuration parameter TIMEOUT_CONNECT value out of range

Reason:

The value specified in the configuration file for TIMEOUT_CONNECT was not within range.

Action:

Specify a value between 1 and 3600.

CASD020I

Initialization complete

Reason:

Initialization has successfully completed.

Action:

None.

CASD021E

error initializing *file* mutex, errno=*errno*

Reason:

The pthread_mutex_init() failed with error *errno* (decimal) for output file *file*.

Action:

Initialization terminates.

CASD022E

CCI_APPLNAME *'name'* exceeds 20 characters

Reason:

The Environmental Variable CCI_APPLNAME specifies a string that is more than 20 characters.

Action:

Change CCI_APPLNAME to be less than 20 characters. See configuration documentation.

CASD023E

module indicated fatal error

Reason:

The support routine module indicated a fatal error was encountered. Currently module is one of CAS0SCR, CAS0SCS, CAS0SCI or CAS0SCT.

Action:

The server will terminate.

CASD024E

CAS0SCI return rc=*rc*, reason=*reason*, cci_rc=CCI_RC

Reason:

The CCI initialization routine CAS0SCI returned (decimal) return code *rc*, (hexadecimal) reason code *reason* and (hexadecimal) CCI return code CCI_RC.

Action:

The server will terminate.

CASD025E

pthread_attr_init error, errno=*errno*

Reason:

The pthread_att_init() function returned (decimal) error *errno*).

Action:

The server will terminate.

CASD026E

Invalid syntax

Reason:

The command entered had invalid syntax.

Action:

Correct the command and re-enter.

CASD027E

No value specified for environmental_variable

Reason:

There was no value specified for the specified environmental variable.

Action:

Correct the environmental variable and re-start the server.

CASD028E

invalid SD_WSDL_LEVEL 'level'

Reason:

The level specified for the environmental variable SD_WSDL_LEVEL in not valid.

Action:

Correct the environmental variable and re-start the server.

CASD029E

iconv_open from from_codepage to to_codepage errno=*error*

Reason:

Error *error* was returned from iconv_open for the specified codepages.

Action:

The server terminates.

CASD030E

No memory for *area_type*, size *size*

Reason:

The malloc() function failed for the specified type and size.

Action:

The server terminates.

CASD031E

value for SD_URL exceeds *max_len*

Reason:

The length of the value for SD_URL, including the null terminator, exceeds the stated maximum.

Action:

Correct the environmental variable and re-start the server.

CASD032E

the SD_URL is not supported

Reason:

The URL specified indicates a WSDL level that is not supported.

Action:

Correct the environmental variable and re-start the server.

CASD033E

Invalid timeout value specified for environmental_variable

Reason:

An invalid value was specified for the specified environmental variable.

Action:

Correct the environmental variable and re-start the server.

CASD034E

Cannot specify both SSL_HFS and SSL_SAF

Reason:

Both SSL_HFS and SSL_SAF were specified. May only specify one of them.

Action:

Correct the environmental variables and re-start the server.

CASD035E

Invalid Environmetal_Variable setting

Reason:

The specified environmental variable only takes, YES, Y, NO or N for a value.

Action:

Correct the environmental variables and re-start the server.

CASD036I

Transactions processed: count errors: *count*

Reason:

The number of transactions processed and the number in error are displayed.

Action:

None.

CASD037E

CAS0SCT return rc=*rc*, reason=*reason*, cci_rc=*CCI_RC*

Reason:

The CCI termination routine CAS0SCT returned (decimal) return code *rc*, (hexadecimal) reason code *reason* and (hexadecimal) CCI return code *CCI_RC*.

Action:

The server continues with termination.

CASD040W

CCI queue cleanup - Rc: *rc*

Reason:

At initialization any stale CAICCI queue is deleted.

rc

Displays the return code from the internal CAICCI queue cleanup processing.

Action:

No action is required.

CASD041I

Processing command: *command*

Reason:

A command was entered from the system console by an operator.

command

Displays the command given to the CAISDI/soap Client address space.

Action:

No action is required.

CASD080I

***jobname* CAISDI/soap Client ready to accept commands**

Reason:

This initialization message is issued from the CAISDI/soap Client when it starts up.

jobname

Displays the name under which the CAISDI/soap Client address space is executing.

Action:

No action is required.

CASD082I

flag* now *state

Reason:

The operator command DEBUG, TRACE, CCI_DUMP_BUFFER or TRACE_XML_PARSE was entered. This message indicates the state after processing the command.

flag is “DEBUG”, “TRACE”, “CCI_DUMP_BUFFER” or “TRACE_XML_PARSE”

state is “enabled” or “disabled”.

Action:

None.

CASD083E

Unknown command '*cmd*'

Reason:

A command was received from the system console, but it is not recognized.

cmd

Displays the image of the command that was received.

Action:

Correct the spelling and repeat the command.

CASD084I

Command thread exiting

Reason:

The command process is terminating in response to a stop command.

Action:

No action is required.

CASD085E

Missing TIMEOUT_IO value

Reason:

An TIMEOUT_IO command was specified with no value.

Action:

Specify TIMEOUT_IO=*nnnn*.

CASD086E

TIMEOUT_IO value out of range

Reason:

The value specified on the TIMEOUT_IO command was not within range.

Action:

Specify TIMEOUT_IO=*nnnn* where *nnnn* is between 0 and 3600 inclusive.

CASD087I

TIMEOUT_IO value set to: *nnnn*

Reason:

A valid TIMEOUT_IO command was entered.

Action:

The TIMEOUT_IO value in seconds is set to *nnnn.*

CASD088E

Missing TIMEOUT_CONNECT value

Reason:

A TIMEOUT_CONNECT command was specified with no value.

Action:

Specify TIMEOUT_CONNECT=*nnnn*.

CASD089E

TIMEOUT_CONNECT value out of range

Reason:

The value specified on the TIMEOUT_CONNECT command was not within range.

Action:

Specify TIMEOUT_CONNECT=*nnnn* where *nnnn* is between 0 and 3600 inclusive.

CASD090I

TIMEOUT_CONNECT value set to: *nnnn*

Reason:

A valid TIMEOUT_CONNECT command was entered.

Action:

The TIMEOUT_CONNECT value in seconds is set to *nnnn*.

CASD100E

Root privileges required

Reason:

Unable to set the UID to zero in Script process.

Action:

Make sure the user ID either has UID 0 or is a superuser.

CASD101E

Error creating soap msg queue

Reason:

An unanticipated error occurred during the creation of the internal message queue for the CAISDI/soap Client address space. The IPC_CREAT failed.

Action:

Collect the messages and contact CA Support.

CASD102E

No memory for response buffer

Reason:

CAISDI/soap was attempting to acquire storage for internal buffers, but not enough storage was available. The IPC_CREAT failed.

Action:

Increase the REGION space and try starting the CAISDI/soap Client address space again. If the problem persists, collect the messages and contact CA Support.

CASD103I

Script Initialization complete - MQID = *id*

Reason:

This is an initialization message from the CAISDI/soap Script process.

id

Displays the IPC message ID.

Action:

No action is required.

CASD104I

Script shutdown complete - *numreq* requests

Reason:

Script process is terminating.

numreq

Displays the number of requests that have been processed.

Action:

No action is required.

CASD105W

Timeout occurred for PID *pid*

Reason:

An internal CAISDI/soap process has timed out.

pid

Displays the process ID of that process.

Action:

No action is required.

CASD106I

Debug now *state*

Reason:

The operator command DEBUG was entered toggling the debug state.

state

Indicates the current debug setting and can be either “enabled” or “disabled.”

Action:

No action is required.

CASD107E

Error creating pipe: *errmsg*

Reason:

CAISDI/soap Client address space was attempting to send a piped request when an unanticipated error from the pipe() request was detected.

errmsg

Displays a more detailed reason for the problem.

Action:

No action is required.

CASD130E

Error opening *fileid/ddname = errmsg*

Reason:

The CAISDI/soap Client address space encountered an unexpected error using the fopen() function to open a file. An attempt to open the DD named *ddname* is made first, and then the file *fileid* is tried. The *errmsg* text is passed back from the fopen() function.

Action:

Ensure the file and ddname exists or that the permissions allow access.

CASD131E

Error opening *file = errmsg*

Reason:

The CAISDI/soap Client address space encountered an unexpected error using the fopen() function to open a file for output.

file

Displays the ddname or, if an HFS file is being opened, the HFS path.

errmsg

Displays the reason for the failure returned from the fopen() function.

Action:

Ensure the ddname exists or that the permissions allow access.

CASD160E

ioctl() error FIONBIO=*value* for: *ipaddr..port* - *errmsg*

Reason:

A connect() request failed to a remote server.

value

Displays either “1” for blocking mode or “0” for nonblocking mode.

ipaddr port

Identifies the target for the TCP/IP connection.

errmsg

Displays the reason for the error.

Action:

Make sure the remote address and port are correct. Check TCP/IP logs.

CASD161W

Connection failed to: *ipaddr..port* - *errmsg*

Reason:

A connect() request failed to connect with a remote server.

ipaddr port

Identifies the target for the TCP/IP connection.

errmsg

Displays the reason for the error.

Action:

Make sure the remote address and port are correct. Check TCP/IP logs.

CASD162E

No memory for ssl_block

Reason:

Unable to obtain storage for local block describing SSL parameters.

Action:

Check the job log. If no message appear indicating a problem with authorization, increase the REGION size and try starting the CAISDI/soap Client address space.

CASD163E

Missing SSL_STASH in configuration file

Reason:

The configuration file indicated SSL_HFS, which requires SSL_STASH to be specified.

Action:

Correct the configuration file by adding the SSL_STASH control parameter.

CASD164E

Missing SSL_SAF or SSL_HFS in configuration file

Reason:

An https request was received but SSL was not specified in the configuration file.

Action:

Correct the configuration file by adding the SSL_SAF startup parameter.

CASD165E

gsk_environment_open error - Rc: *rc*

Reason:

The gsk_attribute_set_buffer() failed opening the GSK_KEYRING_FILE.

rc

Displays the return code from the SSL API.

Action:

Correct the SAF or HFS definitions.

CASD166E

Error disabling SSLv2 Rc: *rc*

Reason:

The call to the gsk_attribute_set_enum() function failed.

rc

Displays the return code from the SSL API.

Action:

Record the return code *rc* and contact CA Support.

CASD167E

Error setting *saf_hfs* FILE - Rc: *rc*

Reason:

The call to the gsk_attribute_set_buffer() function failed using the GSK_KEYRING_FILE.

saf_hfs

Is either SAF or HFS.

rc

Displays the return code from the SSL API.

Action:

Correct the SAF or HFS definitions.

CASD168E

Error setting STASH - Rc: *rc*

Reason:

The call to the gsk_attribute_set_buffer() function failed for GSK_KEYRING_STASH_FILE.

rc

Displays the return code from the SSL API.

Action:

Correct the HFS definitions.

CASD169E

gsk_environment_init error - Rc: *rc*

Reason:

The call to the gsk_environment_init() function failed.

rc

Displays the return code from the SSL API.

Action:

Verify that SSL has been properly configured. If *rc* is 416, the user ID associated with CAISDI/soap Client address space does not have sufficient authority. The user ID must have read access to the IRR.DIGTCERT.LISTRING and IRR.DIGTCERT.LIST resources.

CASD170E

gsk_secure_socket_open error - Rc: *rc*

Reason:

In attempting to start a secured connection, the call to the gsk_secure_socket_open() function unexpectedly failed.

rc

Displays the return code from the SSL API.

Action:

Collect documentation and contact CA Support.

CASD171E

gsk_attribute_set GSK_FD error - Rc: *rc*

Reason:

The call to the gsk_attribute_set_numeric_value() function failed for GSK_FD.

rc

Displays the return code from the SSL API.

Action:

Collect documentation and contact CA Support.

CASD172E

gsk_attribute_set CLIENT error - Rc: *rc*

Reason:

The call to the gsk_attribute_set_numeric_enum() function failed for CLIENT.

rc

Displays the return code from the SSL API.

Action:

Collect documentation and contact CA Support.

CASD173E

gsk_attribute_set_callback error - Rc: *rc*

Reason:

The call to the gsk_attribute_set_callback() function failed for GSK_IO_CALLBACK.

rc

Displays the return code from the SSL API.

Action:

Collect documentation and contact CA Support.

CASD174E

gsk_secure_socket_init error - Rc: *rc*

Reason:

The call to the gsk_secure_socket_init() function failed.

rc

Displays the return code from the SSL API.

Action:

Make sure your SSL certificate is on file and that it has not been corrupted. Check the certificate and TCP/IP connection.

CASD175E

gsk_environment_close error - Rc: *rc*

Reason:

The call to the gsk_environment_close() function failed.

rc

Displays the return code from the SSL API.

Action:

Collect documentation and contact CA Support.

CASD176I

Secure environment closed

Reason:

The call to the gsk_environment_close() function succeeded.

Action:

No action is required.

CASD177E

No memory for tcp_data block

Reason:

Unable to obtain storage for the local block describing TCP parameters.

Action:

Check the job log.

CASD178E

No memory for receive data buffer

Reason:

Unable to obtain storage for the TCP receives.

Action:

Check the job log.

CASD179E

iconv_open error

Reason:

Unable to open UTF-8 translation to IBM-1047.

Action:

Check the job log.

CASD180E

No memory for http_data block

Reason:

Unable to obtain storage for the local control block for HTTP.

Action:

Check the job log.

CASD181E

No memory for HTTP data buffer

Reason:

Unable to obtain storage for the HTTP buffer.

Action:

Check the job log.

CASD182E

No memory xml_block

Reason:

Unable to obtain storage for the local control block for XML processing.

Action:

Check the job log.

CASD183E

gsk_attribute_set_buffer error - Rc: *retcode*

Reason:

The SSL API gsk_attribute_set_buffer returned error code *retcode*.

Action:

The request is not processed.

CASD184E

sigaction error for SIGPIPE, errno=*errno*

Reason:

The socket received a SIGPIPE interrupt.

Action:

The request is not processed.

CASD201I

Unicenter Service Desk Interface/mainframe event director CAISDI/med; *release*
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Reason:

The CAISDI/med address space has been started.

Action:

No action is required.

CASD202I

CAISDI/med is active

Reason:

The CAISDI/med address space is active and ready to process events and requests.

Action:

No action is required.

CASD242I

CAISDI/med initialization in progress

Reason:

The CAISDI/med address space has started the initialization process.

Action:

No action is required.

CASD243E

LOAD failed for #SOAPSDI interface, CAS0PCSI

Reason:

The CAISDI/med has encountered an unexpected failure attempting to LOAD the interface routine to the SOAP Client.

Action:

Verify that the CAISDI/soap Client Service module, CAS0PCSI, is either in the system link list, or is in a STEPLIB that is available to the CAISDI/med address space.

CASD244E

CAISDI/med already active

Reason:

The CAISDI/med address space has detected that an existing copy of the CAISDI/med address space is already executing in the system.

Action:

The CAISDI/med address space terminates.

CASD245E

CAISDI/med initialization failed

Reason:

The CAISDI/med address space has detected an unexpected error during initialization.

Action:

Refer to previous initialization failure messages that detail the nature of the problem.

CASD246I

CAISDI/med initialization complete

Reason:

The CAISDI/med address space has successfully completed initialization.

Action:

No action is required.

CASD247E

***service request* unexpected failure**
RETCODE=X'*rc*' RSN=X'*rsn*'

Reason:

An unexpected service routine failure has been encountered. The service routine, requested function, return code, and reason code are displayed.

Action:

Collect all relevant documentation and contact CA Support.

CASD248E

OPEN failed for MEDPARMS dataset

Reason:

OPEN processing failed for the initialization data set specified on the MEDPARMS DD in the CASDIMED JCL startup PROC.

Action:

Check the MEDPARMS DD in the CASDIMED JCL startup PROC. Make sure that the data set and member (if applicable) specified are correct and accessible.

CASD249I

Statement image

Reason:

The statement image from the CAISDI/med initialization data set is logged to SYSLOG. Each line of the initialization data set is echoed on a CASD249I message.

Action:

No action is required.

CASD250I

Debug statement image

Reason:

A portion of the normalized statement image from the initialization data set is logged to SYSLOG when INIT DEBUGMSG=YES. This message is for debugging purposes only.

Action:

No action is required.

CASD251E

No SERVER defined - at least one SERVER must be defined

Reason:

At least one SERVER statement must be defined.

Action:

Make sure that at least one SERVER statement is defined in the initialization data set.

CASD252E

No PRODUCT defined - at least one PRODUCT must be defined

Reason:

At least one PRODUCT statement must be defined.

Action:

Make sure that at least one PRODUCT statement is defined in the initialization data set.

CASD253E

Invalid SERVER on PRODUCT statement; PRODUCT=*product* SERVER=*server*

Reason:

The indicated SERVER (*server*) specified on the indicated PRODUCT statement (*product*) is not valid.

Action:

Correct the indicated PRODUCT statement in the initialization data set so that a valid SERVER name is specified. The PRODUCT statement must specify a SERVER that has been defined on a SERVER statement in the initialization data set.

CASD254E

Statement missing or invalid

Reason:

The statement in the initialization data set is invalid.

Action:

Correct the statement in the initialization data set. Valid statements are INIT, SERVER, PRODUCT, EVENT, and EXCLUDE.

CASD255E

Unrecognized parameter statement:
statement image

Reason:

The statement provided in the initialization data set is not recognized.

Action:

Correct the statement in the initialization data set. Recognized statements are INIT, SERVER, PRODUCT, EVENT, and EXCLUDE.

CASD256E

Required operand(s) missing

Reason:

The statement provided in the initialization data set requires at least one operand, but no operands were specified.

Action:

Correct the statement in the initialization data set to include the required operands.

CASD258E

Duplicate name specified on SERVER statement- server names must be unique

Reason:

The SERVER statement specifies the same name as a previously defined SERVER statement.

Action:

Delete the duplicate SERVER statement or change the name on the SERVER statement so that it does not specify the same name as a previously defined SERVER statement. SERVER statements are specified in the initialization data set.

CASD259E

***name* CA SOAP Client Service interface error encountered**
#SOAPSDI x'rc' *sss* x'return_code' x'reason_code' SD errorcd
Web Service Function
URL=*URL address*
SID=*Session ID*
<faultstring>*SOAP Fault String*
<ErrorCode>*Service Desk ErrorCode*
<ErrorCode>*Service Desk ErrorMessage*

Where *sss* is API, CCI, UNK, or WS. WS stands for Web Server and refers to the return code, reason code, set by the SOAP Server.

Reason:

The indicated CAISDI/med task has encountered an error attempting to execute the named web service at the named server. The return code, *rc*, and detailed return code, *drc*, from the CAISDI/soap Client API call are provided. The return code generated by web server, *src*, is provided if available. The fault string, error code, and error message, if any, returned by the CA Service Desk web server are displayed.

Action:

For an explanation of the #SOAP *rc* and *drc* values, see CAISDI/soap API Return Codes (see page 1056) in the chapter "Codes." For an explanation of the *src* value, fault string, error code, and error message returned by the web server, see the *CA Service Desk WEB Services User Guide*.

CASD260I

***name* Session ID time out detected**
#SOAPSDI x'rc' *sss* x'return_code' x'reason_code' SD errorcd
Web Service Function
URL=*URL address*
SID=*Session ID*
<faultstring>*SOAP Fault String*
<ErrorCode>*Service Desk ErrorCode*
<ErrorCode>*Service Desk ErrorMessage*

Where *sss* is API, CCI, UNK, or WS. WS stands for Web Server and refers to the return code, reason code, set by the SOAP Server.

Reason:

The indicated CAISDI/med task has been timed out by the CA Service Desk server.

Action:

The named CAISDI/med task will log into the CA Service Desk server and retry the operation.

For an explanation of the #SOAP *rc* and *drc* values, see CAISDI/soap API Return Codes (see page 1056) in the chapter "Codes."

For an explanation of the *src* value, fault string, error code, and error message returned by the web server, see the *CA Service Desk WEB Services User Guide.*

CASD261W

***name* CA SOAP Client Service is not available**
#SOAPSDI x'rc' *sss* x'return_code' x'reason_code' SD errorcd
Web Service Function
URL=*URL address*
SID=*Session ID*

Where *sss* is API, CCI, UNK, or WS. WS stands for Web Server and refers to the return code, reason code, set by the SOAP Server.

Reason:

The CAISDI/soap Client address space is required to communicate with a CA Service Desk server.

Action:

The request in progress is retried.

For an explanation of the #SOAP *rc* and *drc* values, see CAISDI/soap API Return Codes (see page 1056) in the chapter "Codes." Make sure that the CAISDI/soap Client address space is started and is accessible to the local system through CAICCI.

CASD262E

***name* Unicenter Service Desk server error**
#SOAPSDI x'rc' *sss* x'return_code' x'reason_code' SD errorcd
Web Service Function
URL=*URL address*
SID=*Session ID*
<faultstring>*SOAP Fault String*
<ErrorCode>*Service Desk ErrorCode*
<ErrorCode>*Service Desk ErrorMessage*

Where *sss* is API, CCI, UNK, or WS. WS stands for Web Server and refers to the return code, reason code, set by the SOAP Server.

Reason:

The return code, *rc*, and detailed return code, *drc*, from the CAISDI/soap Client API call are provided. The return code generated by web server, *src*, is provided if available. The fault string, error code, and error message, if any, returned by the CA Service Desk web server are displayed.

Action:

The request in progress is cancelled.

For an explanation of the #SOAP *rc* and *drc* values, see CAISDI/soap API Return Codes (see page 1056) in the chapter "Codes." For an explanation of the *src* value, fault string, error code, and error message returned by the web server, see the *CA Service Desk Web Services User Guide*.

CASD263I

***name* Unicenter Service Desk delay detected**
#SOAPSDI x'rc' *sss* x'return_code' x'reason_code' SD errorcd
Web Service Function
URL=*URL address*
SID=*Session ID*
<faultstring>*SOAP Fault String*
<ErrorCode>*Service Desk ErrorCode*
<ErrorCode>*Service Desk ErrorMessage*

Where *sss* is API, CCI, UNK, or WS. WS stands for Web Server and refers to the return code, reason code, set by the SOAP Server.

Reason:

The CA Service Desk server has detected a delay in processing a request. This could be due to network traffic or server request activity. The indicated CAISDI/med task has encountered an error attempting to execute the named web service at the named server. The return code, *rc*, and detailed return code, *drc*, from the CAISDI/soap Client API call are provided. The return code generated by web server, *src*, is provided if available. The fault string, error code, and error message, if any, returned by the CA Service Desk web server are displayed.

Action:

The CAISDI/med task will terminate its current session with CA Service Desk, establish a new session, and retry the request.

For an explanation of the #SOAP *rc* and *drc* values, see CAISDI/soap API Return Codes (see page 1056) in the chapter "Codes." For an explanation of the *src* value, fault string, error code, and error message returned by the web server, see the *CA Service Desk Web Services User Guide*.

CASD264W

***name* CAICCI is not available**
#SOAPSDI x'rc' *sss* x'return_code' x'reason_code' SD errorcd
Web Service Function
URL=*URL address*
SID=*Session ID*

Where *sss* is API, CCI, UNK, or WS. WS stands for Web Server and refers to the return code, reason code, set by the SOAP Server.

Reason:

CAICCI is required to communicate with the CAISDI/soap Client address space.

Action:

The request in progress is retried.

For an explanation of the #SOAP *rc* and *drc* values, see CAISDI/soap API Return Codes (see page 1056) in the chapter "Codes." Make sure that the CAICCI address space is started and is accessible.

CASD265I

***name* Unicenter Service Desk connect failed**
#SOAPSDI x'rc' *sss* x'return_code' x'reason_code' SD errorcd
Web Service Function
URL=*URL address*
SID=*Session ID*
<faultstring>*SOAP Fault String*
<ErrorCode>*Service Desk ErrorCode*
<ErrorCode>*Service Desk ErrorMessage*

Where *sss* is API, CCI, UNK, or WS. WS stands for Web Server and refers to the return code, reason code, set by the SOAP Server.

Reason:

The indicated CAISDI/med task has encountered an error attempting to communicate to the named web service at the named server. The return code, *rc*, and detailed return code, *drc*, from the CAISDI/soap Client API call are provided. The return code generated by web server, *src*, is provided if available. The fault string, error code, and error message, if any, returned by the CA Service Desk web server are displayed.

Action:

The CAISDI/med task will terminate its current session with CA Service Desk, establish a new session, and retry the current request.

For an explanation of the #SOAP *rc* and *drc* values, see CAISDI/soap API Return Codes (see page 1056) in the chapter "Codes." For an explanation of the **src** value, fault string, error code, and error message returned by the web server, see the *CA Service Desk Web Services User Guide*. Make sure that the CA Service Desk server at the named URL address is active and is accessible to the CAISDI/soap Client address space.

CASD267E

***name* #SOAP parameter list error**
#SOAPSDI x'rc' *sss* x'return_code' x'reason_code' SD errorcd
Web Service Function
URL=*URL address*
SID=*Session ID*

Where *sss* is API, CCI, UNK, or WS. WS stands for Web Server and refers to the return code, reason code, set by the SOAP Server.

Reason:

The indicated CAISDI/med task has encountered an error attempting to make a request to the CAISDI/soap Client address space. The return code, *rc*, and detailed return code, *drc*, from the CAISDI/soap Client API call are provided.

Action:

The CAISDI/med task will automatically be stopped.

For an explanation of the #SOAP *rc* and *drc* values, see CAISDI/soap API Return Codes (see page 1056) in the chapter "Codes." Verify that the correct levels of CAISDI/med and CAISDI/soap are installed.

CASD268W

***name* CA SOAP Client Service out of memory**
#SOAPSDI x'rc' *sss* x'return_code' x'reason_code' SD errorcd
Web Service Function
URL=*URL address*
SID=*Session ID*

Where *sss* is API, CCI, UNK, or WS. WS stands for Web Server and refers to the return code, reason code, set by the SOAP Server.

Reason:

The CAISDI/soap Client address space has indicated a resource shortage while processing a request from the CAISDI/med task. The return code, *rc*, and detailed return code, *drc*, from the CAISDI/soap Client API call are provided.

Action:

The CAISDI/med task will terminate its current session with CA Service Desk, establish a new session, and retry the current request.

For an explanation of the #SOAP *rc* and *drc* values, see CAISDI/soap API Return Codes (see page 1056) in the chapter "Codes."

CASD271E

***name* CA SOAP Client Service detected URL error**
#SOAPSDI x‘rc’ *sss* x‘return_code’ x‘reason_code’ SD errorcd
Web Service Function
URL=*URL address*
SID=*Session ID*

Where *sss* is API, CCI, UNK, or WS. WS stands for Web Server and refers to the return code, reason code, set by the SOAP Server.

Reason:

The CAISDI/soap Client address space has detected a structural or syntactical error in the URL address. The return code, *rc*, and detailed return code, *drc*, from the CAISDI/soap Client API call are provided.

Action:

The CAISDI/med task will automatically be stopped.

For an explanation of the #SOAP *rc* and *drc* values, see CAISDI/soap API Return Codes (see page 1056) in the chapter "Codes." Correct the URL operand specification on the SERVER initialization statement for the named CAISDI/med task in the MEDPARMS data set, then stop and restart the CAISDI/med address space.

CASD273E

***name* CA SOAP Client Service network remote send error**
#SOAPSDI x'rc' *sss* x'return_code' x'reason_code' SD errorcd
Web Service Function
URL=*URL address*
SID=*Session ID*

Where *sss* is API, CCI, UNK, or WS. WS stands for Web Server and refers to the return code, reason code, set by the SOAP Server.

Reason:

The CAISDI/soap Client address space has encountered an error attempting to communicate with a CA Service Desk server. The return code, *rc*, and detailed return code, *drc*, from the CAISDI/soap Client API call are provided.

Action:

The CAISDI/med task will terminate its current session with CA Service Desk, establish a new session, and retry the current request.

For an explanation of the #SOAP *rc* and *drc* values, see CAISDI/soap API Return Codes (see page 1056) in the chapter "Codes." Refer to any messages issued by the CAISDI/soap Client address space regarding network errors.

CASD274I

***name* CA SOAP Client Service network remote receive error**
#SOAPSDI x'rc' *sss* x'return_code' x'reason_code' SD errorcd
Web Service Function
URL=*URL address*
SID=*Session ID*

Where *sss* is API, CCI, UNK, or WS. WS stands for Web Server and refers to the return code, reason code, set by the SOAP Server.

Reason:

The indicated CAISDI/med task has encountered a receive type error attempting to make a request to the CA Service Desk server through a CAISDI/soap Client address space.

Action:

The request failed.

CASD275E

***name* CA SOAP Client Service XML parse error has occurred**
#SOAPSDI x'rc' *sss* x'return_code' x'reason_code' SD errorcd
Web Service Function
URL=*URL address*
SID=*Session ID*

Where *sss* is API, CCI, UNK, or WS. WS stands for Web Server and refers to the return code, reason code, set by the SOAP Server.

Reason:

The indicated CAISDI/med task has encountered an error attempting to make a request to the CAISDI/soap Client address space. The return code, *rc*, and detailed return code, *drc*, from the CAISDI/soap Client API call are provided.

Action:

The current request is cancelled.

For an explanation of the #SOAP *rc* and *drc* values, see CAISDI/soap API Return Codes (see page 1056) in the chapter "Codes." Verify that the correct levels of CAISDI/med and CAISDI/soap are installed.

CASD276E

***name* CAICCI HOSTNAME is invalid**
#SOAPSDI x'rc' *sss* x'return_code' x'reason_code' SD errorcd
Web Service Function
URL=*URL address*
SID=*Session ID*

Where *sss* is API, CCI, UNK, or WS. WS stands for Web Server and refers to the return code, reason code, set by the SOAP Server.

Reason:

CAICCI has indicated that the CAICCI HOSTNAME specification is not valid.

Action:

The CAISDI/med task will automatically be stopped.

For an explanation of the #SOAP *rc* and *drc* values, see CAISDI/soap API Return Codes (see page 1056) in the chapter "Codes." Correct the HOSTNAME operand specification on the SERVER initialization statement for the named CAISDI/med task in the MEDPARMS data set, then stop and restart the CAISDI/med address space.

CASD278E

***name* CA SOAP Client Service detected connection refused**
#SOAPSDI x'rc' *sss* x'return_code' x'reason_code' SD errorcd
Web Service Function
URL=*URL address*
SID=*Session ID*

Where *sss* is API, CCI, UNK, or WS. WS stands for Web Server and refers to the return code, reason code, set by the SOAP Server.

Reason:

The indicated CAISDI/med task has encountered an error when attempting to login to the CA Service Desk server through a CAISDI/soap Client address space. The WEB server has refused the connection. The return code, *rc*, and detailed return code, *drc*, from the CAISDI/soap Client API call are provided.

Action:

For an explanation of the #SOAP *rc* and *drc* values, see CAISDI/soap API Return Codes (see page 1056) in the chapter "Codes." Verify that the correct levels of CAISDI/med and CAISDI/soap are installed.

CASD286I

***name* Unicenter Service Desk CreateRequest successful**
URL=*URL address*
SID=*Session ID*
<newRequestHandle>*handle*
<newRequestNumber>*number*

Reason:

The indicated CAISDI/med task has successfully generated a request ticket with a CA Service Desk server at the named URL address. The session ID, new request handle, and new request number are displayed as well.

Action:

No action is required.

CASD287I

***name* Unicenter Service Desk Login successful**
URL=*URL address*
SID=*Session ID*

Reason:

The indicated CAISDI/med task has successfully logged in to a CA Service Desk server at the named URL address. The named session ID was returned by the server.

Action:

No action is required.

CASD288I

***name* Unicenter Service Desk Logout successful**
URL=*URL address*
SID=*Session ID*

Reason:

The indicated CAISDI/med task has successfully logged out from a CA Service Desk server at the named URL address. The named session ID was previously returned by the server.

Action:

No action is required.

CASD289W

***name* TEMPLATE name is not defined**
template name

Reason:

CAISDI/med detected that a requested CA Service Desk template name is not predefined.

Action:

The CAISDI/med task will ignore the CA Service Desk template name specification when opening the current request ticket. AFFECTED_END_USER, REPORTED_BY, ASSIGNEE, and PRIORITY values must be present, or they will take default values.

If CA Service Desk templates are to be used to open request tickets, they must be predefined on the CA Service Desk server to which the request tickets are directed.

CASD290W

***name* AFFECTED_END_USER name is not defined**
contact name

Reason:

CAISDI/med detected that a requested CA Service Desk AFFECTED_END_USER contact name is not predefined.

Action:

The CAISDI/med task will ignore the CA Service Desk contact name specification when opening the current request ticket. A contact name of System_SD_User will be used by default.

The AFFECTED_END_USER contact name specified must be predefined on the CA Service Desk server to which the request tickets are directed.

CASD291W

***name* PRIORITY name is not defined**
contact name

Reason:

CAISDI/med detected that a requested CA Service Desk priority name is not predefined.

Action:

The CAISDI/med task will ignore the CA Service Desk priority name specification when opening the current request ticket, unless a TEMPLATE name has not been specified on the associated PRODUCT statement, in which case, a priority name of NONE will be used by default.

The *priority name* specified must be predefined on the CA Service Desk server to which the request tickets are directed.

CASD292W

***name* REPORTED_BY contact name is not defined**
contact name

Reason:

The CAISDI/med detected that a requested CA Service Desk REPORTED_BY contact name is not predefined.

Action:

The CAISDI/med task will ignore the CA Service Desk REPORTED_BY contact name specification when opening the current request ticket unless a TEMPLATE name has not been specified on the associated PRODUCT statement, in which case a contact name of System_SD_User will be used by default.

The REPORTED_BY contact name specified must be predefined on the CA Service Desk server to which the request tickets are directed.

CASD293W

***name* ASSIGNEE contact name is not defined**
contact name

Reason:

CAISDI/med detected that a requested CA Service Desk ASSIGNEE contact name is not predefined.

Action:

The CAISDI/med task will ignore the CA Service Desk ASSIGNEE contact name specification when opening the current request ticket. No default ASSIGNEE contact name is used. If a TEMPLATE name is specified on the associated PRODUCT statement, and that CA Service Desk template has an ASSIGNEE contact name defined, then the ASSIGNEE contact name on the template will be used on the current request ticket.

The ASSIGNEE *contact name* specified must be predefined on the CA Service Desk server to which the request tickets are directed.

CASD301E

UNEXPECTED RIGHT PARENTHESIS

Reason:

The CA Service Desk Interface address space has detected an error while parsing a statement or a command.

Action:

Correct the statement or reenter the command.

CASD302E

EXPECTED DELIMITER NOT RECEIVED

Reason:

The CA Service Desk Interface address space has detected an error while parsing a statement or a command.

Action:

Correct the statement or reenter the command.

CASD303E

UNMATCHED OR UNEXPECTED APOSTROPHE

Reason:

The CA Service Desk Interface address space has detected an error while parsing a statement or a command.

Action:

Correct the statement or reenter the command.

CASD304E

UNBALANCED PARENTHESIS

Reason:

The CA Service Desk Interface address space has detected an error while parsing a statement or a command.

Action:

Correct the statement or reenter the command.

CASD305E

LEFT PARENTHESIS UNEXPECTED

Reason:

The CA Service Desk Interface address space has detected an error while parsing a statement or a command.

Action:

Correct the statement or reenter the command.

CASD309E

PARSE LIST OVERFLOW

Reason:

The CA Service Desk Interface address space has detected an internal error while parsing a statement or a command.

Action:

Collect relevant documentation and contact CA Support.

CASD310E

UNEXPECTED POSITIONAL PARAMETER; OPERAND: *operand* KEYWORD: *keyword*

Reason:

The CA Service Desk Interface address space has detected an error while parsing a statement or a command. The incorrect operand and keyword, if applicable, are conditionally shown in the message if this information can be determined.

Action:

Correct the statement or reenter the command.

CASD311E

KEYWORD *keyword* IS REQUIRED BUT WAS NOT SPECIFIED

Reason:

The CA Service Desk Interface address space has detected an error while parsing a statement or a command.

Action:

Correct the statement or reenter the command.

CASD312E

SUBLIST NOTATION IN THIS INSTANCE IS UNEXPECTED; OPERAND: *operand* KEYWORD: *keyword*

Reason:

The CA Service Desk Interface address space has detected an error while parsing a statement or a command. The incorrect operand and keyword, if applicable, are conditionally shown in the message if this information can be determined.

Action:

Correct the statement or reenter the command.

CASD313E

KEYWORD *keyword* IS UNRECOGNIZED

Reason:

The CA Service Desk Interface address space has detected an error while parsing a statement or a command.

Action:

Correct the statement or reenter the command.

CASD314E

KEYWORD *keyword* HAS ALREADY BEEN SPECIFIED ONCE

Reason:

The CA Service Desk Interface address space has detected an error while parsing a statement or a command.

Action:

Correct the statement or reenter the command.

CASD315E

KEYWORD *keyword* IS AMBIGUOUS; IT COULD BE AN ABBREVIATION FOR *keyword* OR *keyword*

Reason:

The CA Service Desk Interface address space has detected an error while parsing a statement or a command.

Action:

Correct the statement or reenter the command.

CASD316E

KEYWORDS *keyword* AND *keyword* WERE BOTH SPECIFIED BUT THEY ARE MUTUALLY EXCLUSIVE

Reason:

The CA Service Desk Interface address space has detected an error while parsing a statement or a command.

Action:

Correct the statement or reenter the command.

CASD317E

ONE AND ONLY ONE OF THESE IS REQUIRED: *parameter, parameter, … , parameter*

Reason:

The CA Service Desk Interface address space has detected an error while parsing a statement or a command.

Action:

Correct the statement or reenter the command.

CASD318E

MORE PARAMETERS WERE SPECIFIED THAN THE *nn* THAT ARE ALLOWED; OPERAND: *operand* KEYWORD: *keyword*

Reason:

The CA Service Desk Interface address space has detected an error while parsing a statement or a command. The incorrect operand and keyword, if applicable, are conditionally shown in the message if this information can be determined.

Action:

Correct the statement or reenter the command.

CASD319E

THE ALLOWABLE LIMIT OF *nn* CHARACTERS WAS EXCEEDED BY *nn* CHARACTERS; OPERAND: *operand* KEYWORD: *keyword*

Reason:

The CA Service Desk Interface address space has detected an error while parsing a statement or a command. The incorrect operand and keyword, if applicable, are conditionally shown in the message if this information can be determined.

Action:

Correct the statement or reenter the command.

CASD320E

PARAMETER EXCEEDED MAXIMUM ALLOWABLE VALUE *nn*; OPERAND: *operand* KEYWORD: *keyword*

Reason:

The CA Service Desk Interface address space has detected an error while parsing a statement or a command. The incorrect operand and keyword, if applicable, are conditionally shown in the message if this information can be determined.

Action:

Correct the statement or reenter the command.

CASD321E

THE CHARACTER *c* IS AN ILLEGAL CHARACTER; OPERAND: *operand* KEYWORD: *keyword*

Reason:

The CA Service Desk Interface address space has detected an error while parsing a statement or a command. The incorrect operand and keyword, if applicable, are conditionally shown in the message if this information can be determined.

Action:

Correct the statement or reenter the command.

CASD322E

UNRECOGNIZED KEYCODE; AVAILABLE KEYCODES ARE: *keycode, keycode, … , keycode*; OPERAND: *operand* KEYWORD: *keyword*

Reason:

The CA Service Desk Interface address space has detected an error while parsing a statement or a command. The incorrect operand and keyword, if applicable, are conditionally shown in the message if this information can be determined.

Action:

Correct the statement or reenter the command.

CASD323E

KEYCODE *keycode* IS AMBIGUOUS; IT COULD BE AN ABBREVIATION FOR *keycode* OR *keycode*

Reason:

The CA Service Desk Interface address space has detected an error while parsing a statement or a command.

Action:

Correct the statement or reenter the command.

CASD329E

OPERAND IS REQUIRED BUT NOT SPECIFIED; OPERAND: *operand* KEYWORD: *keyword*

Reason:

The CA Service Desk Interface address space has detected an error while parsing a statement or a command. The incorrect operand and keyword, if applicable, are conditionally shown in the message if this information can be determined.

Action:

Correct the statement or reenter the command.

CASD330E

INVALID RANGE SPECIFICATION; *nnn* IS GREATER THAN *nnn*; OPERAND: *operand* KEYWORD: *keyword*

Reason:

The CA Service Desk Interface address space has detected an error while parsing a statement or a command.

Action:

Correct the statement or reenter the command.

CASD331E

BIT DISPLACEMENT *dd* EXCEEDS THE MAXIMUMALLOWED (*dd*) ; OPERAND: *operand* KEYWORD: *keyword*

Reason:

The CA Service Desk Interface address space has detected an error while parsing a statement or a command. The incorrect operand and keyword, if applicable, are conditionally shown in the message if this information can be determined.

Action:

Correct the statement or reenter the command.

CASD332E

PARAMETER IS LOWER THAN MINIMUM ALLOWED - *nnn*; OPERAND: *operand* KEYWORD: *keyword*

Reason:

The CA Service Desk Interface address space has detected an error while parsing a statement or a command. The incorrect operand and keyword, if applicable, are conditionally shown in the message if this information can be determined.

Action:

Correct the statement or reenter the command.

CASD333E

INVALID RANGE SPECIFICATION; *rrr* COLLATES HIGHER THAN *rrr*; OPERAND: *operand* KEYWORD: *keyword*

Reason:

The CA Service Desk Interface address space has detected an error while parsing a statement or a command. The incorrect operand and keyword, if applicable, are conditionally shown in the message if this information can be determined.

Action:

Correct the statement or reenter the command.

CASD334E

BIT PATTERN TO BE SET VIA KEYCODE TABLE ENTRY IS AT LEAST PARTIALLY SET; OPERAND: *operand* KEYWORD: *keyword*

Reason:

The CA Service Desk Interface address space has detected an error while parsing a statement or a command.

Action:

Correct the statement or reenter the command.

CASD335E

TOO MANY DIGITS TO RIGHT OF DECIMAL POINT; OPERAND: *operand* KEYWORD: *keyword*

Reason:

The CA Service Desk Interface address space has detected an error while parsing a statement or a command. The incorrect operand and keyword, if applicable, are conditionally shown in the message if this information can be determined.

Action:

Correct the statement or reenter the command.

CASD340E

LOGIC ERROR; INSUFFICIENT NUMBER OF SUBLIST LEVELS DEFINED ON THE "PSF INIT" MACRO; OPERAND: *operand* KEYWORD: *keyword*

Reason:

The CA Service Desk Interface address space has detected an internal error while parsing a statement or a command. The incorrect operand and keyword, if applicable, are conditionally shown in the message if this information can be determined.

Action:

Collect relevant documentation and contact CA Support.

CASD341E

LOGIC ERROR; SPECIFICATION CONFLICTS; OPERAND: *operand* KEYWORD: *keyword*

Reason:

The CA Service Desk Interface address space has detected an internal error while parsing a statement or a command. The incorrect operand and keyword, if applicable, are conditionally shown in the message if this information can be determined.

Action:

Collect relevant documentation and contact CA Support.

CASD342I

DISPLAY INIT:
DEBUGMSG=*option* REUSE=*option* MEDNAME=*value*

Reason:

This message displays the CAISDI/med initialization values that are set on an INIT statement. For a detailed description of the meanings of these settings, see the section CAISDI/med Control Statement in the chapter “Running CAISDI” in the *CA Service Desk Integration Guide*.

Action:

No action is required.

CASD343I

DISPLAY OPTIONS:
DEBUGMSG=*option*

Reason:

This message displays the CAISDI/med values that can be altered by the use of a SET OPTION command. For a detailed description of the meanings of these settings, see the section CAISDI/med Control Statement in the chapter “Running CAISDI” in the *CA Service Desk Integration Guide*.

Action:

No action is required.

CASD344I

DISPLAY MODULES:

Reason:

This message is issued in response to a DISPLAY MODULES command.

Action:

No action is required.

CASD345I

Release *release*

Reason:

This message is issued in response to a DISPLAY MODULES command. The CASD345I message shows the release of the CAISDI/med address space.

Action:

No action is required.

CASD346I

lmod* origin *address* length *length
CSECT address length level date time

Reason:

This message is issued in response to a DISPLAY MODULES command. A CASD346I message is displayed for each CAISDI/med load module that shows the load module name, origin virtual address, and load module length. Following the CASD346I message is a tabular display of each control section within the named load module. Each line shows the CSECT name, virtual address, CSECT length, last applied APAR, assembly date, and assembly time.

Action:

No action is required.

CASD347I

DISPLAY PRODUCTS
product
JOBNAME=*jobname* SERVER=*server* PRIORITY=*priority*
TEMPLATE:
template_name
AFFECTED_END_USER:
contact_name1
REPORTED_BY:
reported_by_name
ASSIGNEE:
contact_name2
EVENTS:
event01 event02 …

Reason:

A DISPLAY PRODUCTS command was issued. The values are as follows:

product

Displays the product name.

jobname

Displays the job name.

server

Identifies the server that should receive the requests.

priority

Displays the request priority.

template_name

Displays the Service Desk template name.

contact_name1

Identifies the end user affected by the request tickets.

reported_by_name

Identifies the reporting user.

contact_name2

Displays the Service Desk contact ID to be assigned to every request ticket.

eventnn

Displays the event qualifiers.

Action:

No action is required.

CASD348W

No matching PRODUCT name found

Reason:

A DISPLAY PRODUCTS NAME=*product_name* command was issued. No PRODUCT definitions matching the specified *product_name* were found.

Action:

Either correct the DISPLAY command to specify a valid *product_name* or define a product matching the desired name.

CASD349I

DISPLAY SERVERS:
Server* STATUS=*status* HOSTNAME=*host_name
TIMEOUT=*ss*
URL=*url_addr*

Reason:

A DISPLAY SERVERS command was issued. The values are as follows:

server

Displays the server name.

status

Indicates the server status.

host_name

Displays the CAISDI/soap Client CCI host name.

ss

Displays the CAISDI/soap Client timeout in seconds.

url_addr

Displays the CA Service Desk Server URL address.

Action:

No action is required.

CASD350W

No matching SERVER name found

Reason:

A DISPLAY SERVERS NAME=*server_name* command was issued. No SERVER definitions matching the specified *server_name* were found.

Action:

Either correct the DISPLAY command to specify a valid *server_name* or define a server matching the desired name.

CASD351I

DISPLAY TASKS:
Name Status TCB STE
-------- ---------- -------- --------
name status address address

Reason:

A CAISDI/med DISPLAY TASK operator command has been entered. A tabular display that includes the task name, task status, TCB address, and STE address, is returned. The task status can be one of the following:

Starting

Indicates that a previously stopped task is in the process of starting as a result of an operator START task command.

Initializing

Indicates that the attached task is beginning initialization at startup.

Active

Indicates that the task is active.

Stopping

Indicates that the task is in the process of stopping as the result of an operator STOP task command.

Stopped

Indicates that the task has stopped as a result of an operator STOP task command.

Ended

Indicates that the task has ended during shutdown processing.

Abended

Indicates that the task has encountered an unexpected abend.

Action:

No action is required.

CASD352E

***name* is not a defined task name**

Reason:

The indicated name is not a valid task name for a CAISDI/med operator START, STOP, or KILL command.

Action:

Use a valid task name. The DISPLAY TASK command can be used to determine valid task names.

CASD353I

***name* task stop scheduled**

Reason:

The indicated task has been scheduled to stop as the result of an operator STOP command.

Action:

No action is required. The task can be started again with a START task command.

CASD354I

***name* task ABEND scheduled**

Reason:

The indicated task has been scheduled to terminate through a directed abend as the result of an operator KILL command.

Action:

No action is required. The task can be started again with a START task command.

CASD355I

***name* task start scheduled**

Reason:

The indicated task has been scheduled to start as the result of an operator START command.

Action:

No action is required.

CASD356W

***name* task is not stopped**

Reason:

The indicated task was requested to start by an operator START command; however, the task is already started.

Action:

No action is required.

CASD358W

***name* task cannot be stopped**

Reason:

The indicated task was requested to stop by an operator STOP command; however, the task is not eligible to be stopped.

Action:

No action is required.

CASD359E

Response terminated due to ABEND

Reason:

A CAISDI/med operator command was being processed and encountered an unexpected abend. The command response has been truncated.

Action:

No action is required.

CASD360I

CAISDI/med STOP acknowledged

Reason:

An operator has entered a STOP command for the CAISDI/med address space. The CAISDI/med address space will begin termination processing shortly.

Action:

No action is required.

CASD361I

***command* command**

Reason:

The indicated CAISDI/med operator command is being processed.

Action:

No action is required.

CASD362E

***command* - command abended**

Reason:

The indicated CAISDI/med operator command encountered an unexpected abend during command processing.

Action:

Collect relevant documentation, including SVC dump and SYSLOG, and contact CA Support.

CASD363E

***console* response location unavailable**
'CONVCON RC=*rc* RSN=*rsn*

Reason:

A target command response location was entered on a CAISDI/med operator command. However, the indicated console response location is invalid or the target response console is not active.

rc

Displays the hexadecimal return code returned by the CONVCON service.

rsn

Displays the hexadecimal reason code returned by the CONVCON service.

Action:

Enter the CAISDI/med operator command and specify a valid console response area.

CASD364E

Command missing or invalid

Reason:

A CAISDI/med operator command has been entered; however, the command verb is missing or is invalid.

Action:

Enter a valid CAISDI/med operator command.

CASD365E

Unrecognized command *command*

Reason:

A CAISDI/med operator command has been entered; however, the command verb is not recognized.

Action:

Enter a valid CAISDI/med operator command.

CASD366E

Required operand(s) missing

Reason:

A CAISDI/med operator command has been entered that requires command operands; however, the command operands have been omitted or are invalid.

Action:

Enter a valid CAISDI/med operator command.

CASD367I

SET OPTION

Reason:

This message is issued in response to a SET OPTION command.

Action:

No action is required.

CASD368I

SET OPTION processing complete

Reason:

This message is issued in response to the successful completion of a SET OPTION command.

Action:

No action is required.

CASD369I

SET SERVER:

Reason:

This message is issued in response to a SET SERVER command.

Action:

No action is required.

CASD370E

undefined SERVER *name*

Reason:

This message is issued in response to a SET SERVER command that referenced an invalid server name.

Action:

The command is not executed. Use the DISPLAY SERVERS command to obtain the names of valid CAISDI/med server interface tasks.

CASD371I

SET SERVER processing complete

Reason:

This message is issued in response to the successful completion of a SET SERVER command.

Action:

No action is required.

CASD372I

***name/address* started**

Reason:

The named task, with the given TCB address has been attached.

Action:

No action is required.

CASD373I

name/address* ended; CMP *code

Reason:

The named task, with the given TCB address has been detached. The task has ended with the given completion code.

Action:

No action is required.

CASD375I

DISPLAY EXCLUDE:
ABENDS:
Code Reason
code reason

Reason:

This message displays the CAISDI/med initialization values that are set on an EXCLUDE ABEND statement. For a detailed description of the meanings of these settings, see the section CAISDI/med Control Statements, in the "Running CAISDI" chapter of the *CA Service Desk Integration Guide*.

Action:

No action is required.

CASD376I

DISPLAY EVENTS:
ABENDS:
PRODUCT=*product*
COMPONENT=*component*
JOBNAME=*jobname*
EXCLUDE ABENDS:
Code Reason
code reason

Reason:

This message displays the CAISDI/med initialization values that are set on the EVENT ABEND statements. For a detailed description of the meanings of these settings, see the section CAISDI/med Control Statements, in the "Running CAISDI" chapter of the *CA Service Desk Integration Guide*.

Action:

No action is required.

CASD398I

CAISDI/med termination in progress

Reason:

The CAISDI/med address space has been requested to shut down by an operating system STOP command.

Action:

No action is required. The CAISDI/med address space begins shutdown processing.

CASD399I

CAISDI/med termination complete

Reason:

The CAISDI/med address space has completed the shutdown process.

Action:

No action is required. The CAISDI/med address space ends.

CASD401I

Startup at *hh:mm:ss*, level is *sdilevel*, language selected is English

Reason:

The CAISDI/els Interface Controller has started. It logs out the time of day and the language that will be used for writing messages to the log. The language selected for use for any given product controlled by this interface is independent of this language setting.

sdilevel

Displays the CA Common Services level identifier for CAISDI/els.

Action:

No action is required.

CASD402E

Required symbolic *symbolname* not found in language table

Reason:

The CAISDI/els uses a language table to create messages and report headings. The language elements are identified by name.

symbolname

Identifies the element missing from the table.

Action:

CAISDI/els will use the internal symbolic name instead of the correct language element. In most cases, this will be the English version of a word. Contact CA Support to alert them to the problem.

CASD403E

The value for required symbolic *symbolname* was truncated from *longer* to *shorter*

Reason:

The CAISDI/els uses a language table to create messages and report headings. The language elements are identified by name.

symbolname

Identifies the element that exceeds the maximum length for this context.

Action:

The language element (word) will be truncated from *longer* (the word as the translator specified it) to *shorter* (the word as it will be used in the CAISDI/els reports). Contact CA Support to alert them to the problem.

CASD404E

GETMAIN for working storage failed, increase region size

Reason:

The CAISDI/els component requires space to work in the address space built. This space will be released when this process terminates. This storage is not retained for purposes of keeping the interface active.

Action:

Increase the region size or specify REGION=0M and run the job again.

CASD405I

Message ID *msg_ID* not found, variables: (*variables*)

Reason:

The CAISDI/els uses a language table to create messages and report heading.

msg_ID

Identifies the message that is missing.

variables

Displays the internal variable values that were to be used in building the message text are dumped in the format of "*keyword=value,keyword=value*". This will help CA Support determine the underlying meaning of the message.

Action:

Contact CA Support with the details of this message even if you are able to determine the meaning from the variable list that is presented.

CASD406I

Message ID *msg_ID* in error, variables: (*variables*)

Reason:

The CAISDI/els uses a language table to create messages and report headings.

msg_ID

Identifies the message that has been corrupted in some way.

variables

Displays the internal variable values that were to be used in building the message text are dumped in the format of "*keyword=value,keyword=value*". This will help CA Support determine the underlying meaning of the message.

Action:

Contact CA Support with the details of this message even if you are able to determine the meaning from the variable list that is presented.

CASD407I

PARM=(*value*) detected

Reason:

When you code PARM=*value* on your JCL EXEC statement you will receive this message. Both the CAISDI/els Controller Interface and Trigger utility allow you to specify "&PARM" anywhere in the command input. This message is notifying you of the replacement string that will be used for &PARM.

Action:

The internal symbolic variable &PARM has been assigned the value shown as **value**.

CASD408I

Input: *control_statement*

Reason:

Every control statement processed is logged out in the SYSPRINT data set.

control_statement

Displays the control input as seen by CAISDI/els. Any sequence numbers on the control input will not be present in this image. Also, certain control input, such as passwords, will be masked out.

Action:

No action is required.

CASD409E

Unrecognized command: *word* - Remaining parameters will be skipped

Reason:

The CAISDI/els component was expecting to receive a command from the control input at this point, but instead it encountered *word*, which is not a command.

Action:

Check for improper continuation of the previous command or typographical errors. If your language setting is not English, check with your local CA Support staff to determine the degree of translation employed. Commands and control parameters may be translated also.

CASD410E

Syntax error detected at input position *column*

Reason:

An unclassifiable syntax error was detected. This should never occur.

Action:

Study the control statement image on the preceding CASD408I message. The value *column* indicates the position of the parsing scan at the time the error was detected. The value of *column* is relative to one.

CASD411E

Unexpected end of data encountered while parsing *cmd* parameters

Reason:

CAISDI/els was parsing the parameters for the command named *cmd*. The control statement indicated a continuation onto the next input record, but there was no more data in the control input file.

Action:

Processing for the command named *cmd* is terminated. The control input stream may have been accidentally truncated. Look for misplaced DD statements in the JCL that may have inadvertently truncated the control input stream.

CASD412E

Skipping: *control_statement*

Reason:

A syntactical error was discovered in the current command as evidenced by an error message printed preceding this message. CAISDI/els flushes out the rest of the command stream based on continuation indicators until a new command is encountered.

control_statement

Displays an image of the control statement being skipped.

Action:

Processing continues with the next command in the command stream.

CASD413E

Unrecognized parameter: *parm* - Remaining parameters will be skipped

Reason:

A valid command is being parsed. During the parsing the word *parm* was found in a position where CAISDI/els would expect a parameter. This word is not a recognized parameter for any Interface Controller commands.

Action:

Processing for the current command will be terminated. Verify the spelling of this parameter. Verify the placement of embedded comments. At least one blank must follow a comma when continuation to the next statement is desired. If your language setting is not English, check with your local CA Support staff to determine the degree of translation employed. Commands and control parameters may be translated also.

CASD414E

The *parm* parameter is not allowed on the *cmd* command

Reason:

While parsing the valid command named *cmd*, CAISDI/els encountered the parameter named *parm*. While *parm* is a valid parameter is some contexts, it is not valid to use it with the command named *cmd*.

Action:

Processing for the current command is terminated. Processing will resume with the next command encountered in the command stream. Remove the parameter named *parm* from the control statement.

CASD415E

The *parm* parameter has already been specified for this command

Reason:

The valid parameter named *parm* was correctly parsed during the processing of this command. You cannot specify this parameter again on the same command.

Action:

Processing for the current command is terminated. Processing will resume with the next command encountered in the command stream. Remove the parameter named *parm* from the control statement.

CASD416E

Syntax error parsing *parm* parameter

Reason:

The valid parameter named *parm* was being parsed. CAISDI/els was in the process of extracting the value, if any, when a syntactical error was discovered.

Action:

Processing is terminated for the current command. Ensure the parameter you have coded is supposed to have a value assignment. If a value assignment is expected, make sure you use the format *parameter=value* or *parameter="value"* in your specifications. If you need to continue a long string value onto a continuation statement, add a trailing "+" on the command line to be continued, such as *parameter="long string"+* and begin the continued statement with *" value"*.

CASD417E

Value of *parm* parameter is not properly delimited

Reason:

The valid parameter named *parm* was being parsed. CAISDI/els was in the process of extracting the value, if any, when a syntactical error was discovered. The value of the parameter is not delimited as required.

Action:

Processing is terminated for the current command. A value assignment is expected for this parameter. Make sure you use the format *parameter=value* or *parameter="value"* in your specifications. If you need to continue a long string value onto a continuation statement, add a trailing "+" on the command line to be continued, such as *parameter="long string"+* and begin the continued statement with *" value"*.

CASD418E

Text continuation is not in the correct format

Reason:

The previous control statement ended with a string value showing a continuation onto the next statement. No continuation was found.

Action:

You cannot embed an all-blank control statement where a continuation is expected. If you need to continue a long string value onto a continuation statement, add a trailing "+" on the command line to be continued, such as *parameter="long string"+* and begin the continued statement with *" value"*. Make sure you user the same delimiter, either the single or double quote, on the continued line as you used on the statement that was marked as continued.

CASD419E

First non-blank on text continuation line must be the delimiter in use; Expecting *dlm*

Reason:

The previous control statement ended with a string value showing a continuation onto the next statement. The first nonblank character on the continued statement must be the delimiter that was being used on the string being continued. The delimiter used on the previous line was *dlm*. The continued string value may be placed in any input column.

Action:

To continue a long string value onto a continuation statement, add a trailing "+" on the command line to be continued, such as *parameter="long string"+* and begin the continued statement with *" value"*. Make sure you use the same delimiter, either the single or double quote, on the continued line as you used on the statement that was marked as continued.

CASD421E

Unrecognized text following the *parm* parameter

Reason:

The parameter named *parm* has just been parsed. The complete value of this parameter has been extracted. CAISDI/els expects to find either a comma or a blank following the value, indicating either more parameters or end of all parameters, respectively.

Action:

Examine the control statement and correct the text following the value of the parameter named *parm*. Comments must be separated from the command parameters with at least one blank.

CASD422E

Expected continuation of *cmd* command was not found

Reason:

The command named *cmd* was being parsed. The previous control statement indicated a continuation onto the current control statement, but this statement is blank. You cannot embed an all-blank control statement in the middle of a command

Action:

Remove the blank line.

CASD423E

Unexpected end of data encountered while parsing value for the *parm* parameter

Reason:

CAISDI/els was in the process of extracting the value of the parameter named *parm*. The value was marked as being continued on the next line, but no more data remains in the command stream.

Action:

Processing for this command is terminated. The control input stream may have been accidentally truncated. Look for misplaced DD statements in the JCL that may have inadvertently truncated the control input stream.

CASD424E

Value for *parm* exceeds *nbr* characters

Reason:

Certain control parameters have a maximum length. The value for the parameter named *parm* can be no longer than the number *nbr* characters long. The value you specified is longer than this.

Action:

Correct the parameter by shortening the value you specified.

CASD425E

All text string work space has been exhausted for the *cmd* command

Reason:

Each command has a large, but limited amount of space allocated to text strings. The command you specified consumed all of the string space before the parsing was completed.

Action:

In the unlikely event that this error is seen, contact CA Support for a correction.

CASD426E

The value "*value*" for *parm* contains non-numeric characters

Reason:

Certain control parameters must contain all numeric data. The parameter named *parm* is one of those parameters.

Action:

Correct the value by removing any nonnumeric characters from the value assignment.

CASD427E

Value of *value* exceeds limit of *lmt* for the *parm* parameter

Reason:

Certain control parameters have numeric values that have a range of valid values. The *value* you coded for the *parm* parameter is out the valid range of values for that parameter.

Action:

Specify a value for the *parm* parameter that is less than or equal to *lmt*.

CASD428E

Value of "*value*" is not a valid choice for *parm*

Reason:

Certain control parameters have alphabetic values that have a limited number of valid values. The value you coded, *value*, is not one of those choices.

Action:

See the chapter “Running CAISDI” in the *CA Service Desk Integration Guide* for the list of value choices for the parameter named *parm*.

CASD429E

Value of “*value*" is not in the correct format for the *parm* parameter

Reason:

Certain control parameters require their value assignments to conform to specific and strict formats. For example, the MINTIME parameter expects the input to be in the format of *MINTIME=hh:mm*, where the *hh* portion is expected to be a numeric value expressing hours and *mm* is expected to be a numeric value expressing minutes, with all of the numeric range limits you would expect. The value you code as *value* does not conform to the format rules of the parameter named *parm*.

Action:

See the chapter “Running CAISDI” in the *CA Service Desk Integration Guide* for the correct format of the parameter named *parm*.

CASD430E

Required parameter *parm* was not specified on the *cmd* command

Reason:

Certain control parameters are required for certain commands. In this case the command named *cmd* requires the parameter named *parm* to be specified, but you did not specify it.

Action:

Add the *parm* parameter to the command specification and rerun the command. Note that the DEFAULTS command can be used to specify this parameter once at the beginning of the command stream. Any subsequent command requiring this parameter will be satisfied by the parameter values set by the DEFAULTS command.

CASD431E

***parm1* is mutually exclusive with *parm2* on the *cmd* command**

Reason:

Certain control parameters cannot be used in conjunction with certain other control parameters. The command named *cmd* is being parsed when the parameter named *parm1* was encountered. The parameter named *parm2* had already been specified previously. These parameters cannot coexist on the same command.

Action:

Remove either *parm1* or *parm2* from the command.

CASD432I

End of data reached in command input

Reason:

This marks the normal end of all command processing.

Action:

No action is required.

CASD433E

Processing for *cmd* command is terminated

Reason:

An error processing this command is listed preceding this message. This is notification that the command is being aborted.

Action:

Processing continues with the next control statement. Correct the problems identified by the preceding message.

CASD434I

Processing for *cmd* begins at *hh:mm:ss*

Reason:

All command parameters have been successfully parsed and the command named *cmd* is being dispatched to the module that services it.

Action:

No action is required.

CASD435I

Parameter in effect: *parm=value*

Reason:

Because some parameters, even required parameters, may have received their values from a previous DEFAULTS control statement, this message is used to alert you to all the relevant control parameter settings being used, whether or not they were actually coded on the current command.

Action:

No action is required.

CASD436I

Parameter in effect: *parm*

Reason:

Because some parameters, even required parameters, may have received their values from a previous DEFAULTS control statement, this message is used to alert you to all the relevant control parameter settings being used, whether or not they were actually coded on the current command.

Action:

No action is required.

CASD437I

Default parameter has been set: *parm=value*

Reason:

The DEFAULTS command has changed the default values for the parameter named *parm*. The new value, *value*, will be used in all subsequent commands where the parameter named *parm* is not specified.

Action:

No action is required.

CASD438I

Default parameter has been set: *parm*

Reason:

The DEFAULTS command has changed the default setting for the parameter named *parm*. The new setting will be used in all subsequent commands where the parameter named *parm* is not specified.

Action:

No action is required.

CASD439I

Processing for *cmd* begins at *hh:mm:ss*

Reason:

The product control member for a CA product using the interface is being processed by the DEFINE command. All product control parameters have been parsed and the product definition is now beginning.

Action:

No action is required.

CASD440I

Parameter in effect: *parm=value*

Reason:

The product control member for a specific product is being processed. All control parameters have been read and accepted. This message is notifying you of all relevant parameter values, whether or not they were specified.

Action:

No action is required.

CASD441I

Parameter in effect: *parm*

Reason:

The product control member for a specific product is being processed. All control parameters have been read and accepted. This message is notifying you of all relevant parameter values, whether or not they were specified.

Action:

No action is required.

CASD442I

Processing for *cmd* completed at *hh:mm:ss* with return code *rc*, reason code *rs*, info code *inf*

Reason:

The command module for the command named *cmd* has completed all processing and returned control to the Interface Controller. The return, reason, and information codes it returned are logged out.

Action:

If any nonzero value appears for *rc*, this indicates problems were encountered during processing. Scan back up the log searching for previously logged error or warning messages to determine the exact problem encountered.

CASD443I

All processing completed at *hh:mm:ss* - highest return code was *rc*

Reason:

All commands have now been processed from the command stream.

rc

Displays the value of the highest return code from the processed commands.

Action:

If any nonzero value appears for *rc*, this indicates problems were encountered during processing. Scan back up the log searching for CASD442I messages showing nonzero return codes, and then scan back to find previously logged error or warning messages to determine the exact problem encountered.

CASD444I

Event library *dsn* on volume *volser* is allocated to DD name *ddname*

Reason:

CAISDI/els is in the process to defining a CA product to the interface. It is preparing to load the product event members from the product's event library. The event library data set is *dsn*, which is on the disk volume *volser*. The DD used to access this library is named *ddname*.

Action:

No action is required.

CASD445E

Event library *dsn* was not found, {LOCATE | OBTAIN} R15=*rc*

Reason:

CAISDI/els was attempting to allocate a product's event library, but the library could not be accessed. Either the system LOCATE function indicated the library was not cataloged or the system OBTAIN function indicated the library was not on the volume the system catalog indicated.

rc

Displays the return code from the system function.

Action:

Ensure the correct data set name has been specified in the EVENTLIB control parameter for this product. Ensure that data set is cataloged. If you are running on multiple systems, make sure the library is cataloged in a user catalog that is properly connected to all systems in question.

CASD446E

Attempt to allocate event library *dsn* failed, DYNALLOC R15=*rc* S99ERROR=*err* *S99INFO=info*

Reason:

CAISDI/els was unable to allocate the event library.

Action:

Refer to IBM documentation on the DYNALLOC system function to interpret the values of *rc*, *err*, and *info*.

CASD447E

Data set *dsn* is not a partitioned data set (DSORG=PO)

Reason:

The event library specified by EVENTLIB=*dsn* identifies a data set, but this data set is not a partitioned data set (PDS).

Action:

Change the EVENTLIB specification on the DEFINE control statement to name the correct event library.

CASD448E

The RECFM of data set *dsn* is not supported; RECFM=F, FB, V, or VB are supported

Reason:

The event library specified by EVENTLIB=*dsn* identifies a data set, but this data set does not have a supported record format. CAISDI/els supports event libraries whose record format is fixed or variable, blocked or unblocked. Undefined record format, control character usage, and spanned records are not supported.

Action:

Change the EVENTLIB specification on the DEFINE control statement to name the correct event library.

CASD449E

Not enough storage to build event library member table, INFO=(*rc*,*rs*)

Reason:

CAISDI/els was loading the event library directory into memory, but ran out of available storage. This space will be released when this process terminates. This storage is not retained for purposes of keeping the interface active.

Action:

Increase the region size or specify REGION=0M and run the job again.

CASD450E

Additional storage for member table is not available

Reason:

CAISDI/els was loading the event library directory into memory, but ran out of available storage. This space will be released when this process terminates. This storage is not retained for purposes of keeping the interface active.

Action:

Increase the region size or specify REGION=0M and run the job again.

CASD451E

Not enough storage for data buffers, increase REGION size

Reason:

CAISDI/els was trying to read the event table library member into memory, but ran out of available storage. This space will be released when this process terminates. This storage is not retained for purposes of keeping the interface active.

Action:

Increase the region size or specify REGION=0M and run the job again.

CASD452E

Unable to open event library *dsn*

Reason:

CAISDI/els attempted to open the event library, but the OPEN system function failed.

Action:

Review the console log or the job log for system messages that identify the problem that was encountered.

CASD453E

Error encountered reading directory of *dsn*; DESERV R15=*rc* R0=*rs*

Reason:

The system service named DESERV is used to read the event library's directory. An unanticipated error occurred.

rc

Displays the return code from DESERV.

Action:

Refer to IBM documentation on the DESERV system function to interpret the values of *rc* and *rs*.

CASD454E

Unable to position to member *memname*, POINT R15=*rc* R0=*rs*

Reason:

The system service named POINT is used to orient to various members within the event library. An unanticipated error occurred while positioning to the member name *memname*.

rc

Displays the return code from POINT.

Action:

Refer to IBM documentation on the POINT system function to interpret the values of *rc* and *rs*.

CASD455I

Event library *dsn* is being unallocated

Reason:

All processing for the event library name *dsn* has been concluded. The library is no longer needed and is being released.

Action:

No action is required.

CASD456E

Product control member *memname* was not found in event library *dsn*

Reason:

Every product defined to the CAISDI/els interface must have a product control member. The member named *memname* is the member CAISDI/els was seeking, but this member name was not found.

Action:

Verify the correct product control member name. Make sure the DEFINE control statement includes the PRODCNTL control parameter naming the correct member. If PRODCNTL is not specified, a default member name is assumed which may not be the case for this product.

CASD457I

Processing begins for product control member *memname* at *hh:mm:ss*

Reason:

A member named *memname* exists and is assumed to be the product control member. CAISDI/els will read the control information contained in *memname*.

Action:

No action is required.

CASD458I

All product control member data has been read from member *memname* at *hh:mm:ss*

Reason:

The product control information for the product being defined to the CAISDI/els interface has been successfully processed.

Action:

No action is required.

CASD459E

Processing for product *prodid* terminated

Reason:

Errors were encountered during the attempt to define the product named *prodname* to the CAISDI/els interface. The definition for this product has failed.

Action:

Review the preceding messages in the log to determine the exact cause of the failure.

CASD460E

Product ID from SYSIN (*prodid1*) does not match the product ID from the product control member (*prodid2*)

Reason:

The PRODUCT parameter of the DEFINE control statement indicates *prodid1* while the PRODUCT parameter of the SETUP command in the product control member indicates *prodid2*. These codes must match.

Action:

Ensure the EVENTLIB control parameter on the DEFINE statement names the correct event library. If multiple products are defined in a single event library, make sure the PRODCNTL parameter of the DEFINE statement is naming the correct product control member name.

CASD461W

The value of *nbr* exceeds the limit for *parm*; It was reduced to *limit*

Reason:

Certain control parameters accept a range of numeric values. If a value for one of these control parameters is exceeded, CAISDI/els simply reduces the setting down to the maximum allowed and continues processing without error. The parameter name *parm* is one of those parameters. The value of *nbr* was greater than the limit value of *limit*, so it was reduced to that value.

Action:

Processing continues with the reduced value.

CASD462E

Not enough storage to build language reference table, INFO=(*rc*,*rs*)

Reason:

The CAISDI/els component requires space to build various tables. This space will be released when this process terminates. This storage is not retained for purposes of keeping the interface active.

Action:

Increase the region size or specify REGION=0M and run the job again.

CASD463E

Internal error encountered in table management, INFO=(*rc*,*rs*)

Reason:

The internal table management routines encountered an unexpected error during processing. The values of **rc** and **rs** are the return and reason codes from the table management services.

Action:

Contact CA Support for assistance in determining the cause of this error.

CASD464E

Filtering of event library member names using MASK=*mask* leaves no event members to load

Reason:

CAISDI/els was applying the MASK control parameter to filter the list of event library members down to include only event member names. However, no event library member names match this mask value.

Action:

Ensure the EVENTLIB= parameter of the DEFINE command identifies the correct event library. Verify the MASK value is set according to the member naming conventions. Ensure all current maintenance has been applied to the CA product being defined to this interface.

CASD465I

Event members found in the following languages:

Reason:

Event members can be published in several different languages. The event code is the first six characters of the event member name and the language code is last two characters. CAISDI/els determines which languages are supportable by the event members present. This message heads a list of languages identified by subsequent CASD466I messages.

Action:

No action is required.

CASD466I

Language=*cd* - *langname*

Reason:

For each language detected among the event members, a CASD466I message will be issued.

cd

Displays the two-character language code detected.

langname

Names the language.

Action:

No action is required.

CASD467I

Verifying all events are in each translation

Reason:

If some, but not all, events have been translated from English into other languages, CAISDI/els will use the English versions of any untranslated messages. This message notes the beginning of that analysis.

Action:

No action is required.

CASD468W

Expected event member *memname* was not found in the *langname* translation

Reason:

CAISDI/els has detected an event that has not been translated into one of the languages published for this product. The member named *memname* is the expected member name and *langname* identifies the language. This may be irrelevant if the language identified by *langname* is not chosen as the target language for this product's CA Service Desk request tickets.

Action:

No action is required.

CASD469I

English version *memname1* will be substituted for *memname2*

Reason:

The language selected for this product's CA Service Desk request tickets requires one of the messages identified in a previous CASD468W message. The English version must be used in order to cover all of the events supported by this product.

Action:

Contact CA Support and notify them of this problem. Until the translated version of this event is published, the English version will be used.

CASD470W

No events were found in the *langname* translation (LANG=*cd*)

Reason:

The language selected for this product, identified by *langname*, has no events at all translated for it. The *cd* value is the associated language code. The English version will be substituted for all events.

Action:

No action is required.

CASD471I

Event member processing begins

Reason:

CAISDI/els is beginning the process of loading all of the event members into control storage for later reference by the CAISDI/els API module.

Action:

No action is required.

CASD472I

Discovering CCI environment

Reason:

CAISDI/els is detecting if CCI is available and the name of the local node.

Action:

No action is required.

CASD473I

Discovered local CCI node *ccinode*

Reason:

The local CCI node (*ccinode)* has been detected.

Action:

No action is required.

CASD474I

{Local | Remote} SOAP client on node *ccinode* ignored because it is not currently active

Reason:

A SOAP client has been identified, but CAICCI indicates this CAISDI/soap address space is not active at the moment. The general location of “Local” or “Remote” indicates where the CAISDI/soap address space is running.

ccinode

Identifies the CAICCI node serving that CAISDI/soap address space.

Action:

No action is required.

CASD475E

No candidate SOAP clients were found in your environment; Unable to Communicate with Unicenter Service Desk

Reason:

CAISDI/els requires the CAISDI/soap address space in order to open CA Service Desk request tickets. Without the CAISDI/soap interface being available, the CAISDI/els interface cannot be established.

Action:

Ensure the CAISDI/els interface is properly installed and configured. Ensure the CAISDI/soap address space is started, and the CAICCI connections are configured and available.

CASD476I

Number of candidate SOAP clients discovered in your environment: *nbr*

Reason:

One or more CAISDI/soap address spaces have been detected in your environment. These address spaces are considered candidates until they have been tested for a good connection to the target CA Service Desk server.

Action:

No action is required.

CASD477E

Not enough storage to build verified URL table, INFO=(*rc*,*rs*)

Reason:

The CAISDI/els component requires space to build various tables. This space will be released when this process terminates. This storage is not retained for purposes of keeping the interface active.

Action:

Increase the region size or specify REGION=0M and run the job again.

CASD478E

Not enough storage to build candidate SOAP client table, INFO=(*rc*,*rs*)

Reason:

The CAISDI/els component requires space to build various tables. This space will be released when this process terminates. This storage is not retained for purposes of keeping the interface active.

Action:

Increase the region size or specify REGION=0M and run the job again.

CASD479E

Unexpected problem managing candidate SOAP client table, INFO=(*rc*,*rs*)

Reason:

The internal table management routines encountered an unexpected error during processing.

rc

Displays the return code from the table management services.

rs

Displays the reason code from the table management services.

Action:

Contact CA Support for assistance in determining the cause of this error.

CASD480E

CAICCI encountered an error during {INIT | INQY | TERM} processing, RC=*rc*, extended RC=(*cd1*,*cd2*,*cd3*)

Reason:

An unanticipated error occurred during the SOAP client discovery process.

rc

Displays the CAICCI return code for the function indicated: INIT, INQY, or TERM.

cd1

Displays the CAICCI general return code.

cd2

Displays the CAICCI specific return code.

cd3

Displays the CAICCI extended return code.

Action:

Ensure CAICCI is started on the system where this failure occurred. See CAICCI Return Codes (see page 1039) in the chapter "Codes" for a more detailed description of the problem.

CASD481I

{Local | Remote} SOAP client on node *ccinode* is selected

Reason:

The CAISDI/els Interface Controller will use the CAISDI/soap address space on the CAICCI node named *ccinode* for all current communications to the CA Service Desk server.

Action:

No action is required.

CASD482I

Target Unicenter Service Desk symbolic URL is *url*

Reason:

Displays the name of the environmental variable defined in the SOAP Server that holds the URL. The default name is SD_URL.

Action:

No action is required.

CASD483I

{Local | Remote} SOAP client on node *ccinode* is being accessed

Reason:

Each candidate CAISDI/soap address space found is tested to see if it can connect to the target CA Service Desk server. Access to that server through the CAISDI/soap address space on CAICCI node *ccinode* is being attempted. If a connection is made, this CAISDI/soap address space may be used as the primary or failover connection in subsequent processing.

Action:

No action is required.

CASD484I

SOAP client could not connect, message is "*err_text*"

Reason:

The connection to ServiceDesk was refused. The *err_text* has additional diagnostic information.

Action:

The request fails.

CASD485I

{Local | Remote} SOAP client on node *ccinode* had problems querying, reason codes are (*rc*,*rs*,*info*)

Reason:

After a successful logon, CAICCI/els encountered an unexpected error from the Service Desk server during a query sequence. In many cases, CAISDI/els will retry the failing query up to five times in case the error resulted from a transient problem in the network. The *rc*, *rs*, and *info* codes are the return codes from the CAISDI/soap API.

Action:

If the retry sequence succeeds, processing continues; otherwise, a follow-up failure message will be displayed. See CAISDI/soap API Return Codes (see page 1056) in the chapter "Codes" for a more detailed description of the problem.

CASD486I

SOAP client had problems disconnecting, reason codes are (rc,rs,info)

Reason:

After a successful logon, CAICCI/els encountered an unexpected error from the Service Desk server during the logoff sequence. This is not retried. The *rc*, *rs*, and *info* codes are the return codes from the CAISDI/soap API.

Action:

See CAISDI/soap API Return Codes (see page 1056) in the chapter "Codes" for a more detailed description of the problem.

CASD487I

{Local | Remote} SOAP client on node *ccinode* responded in *n.nnn* seconds

Reason:

Each candidate CAISDI/soap address space found is tested to see if it can connect to the target CA Service Desk. Access to that URL through the CAISDI/soap address space on CAICCI node *ccinode* was successful. The response time is noted. This SOAP address space may be used as the primary or failover connection in subsequent processing.

Action:

No action is required.

CASD488I

{Local | Remote} SOAP client on node *ccinode* provides the best response time

Reason:

Multiple CAISDI/soap address spaces successfully connected to the target CA Service Desk parameter. However, this particular CAISDI/soap address space, on CAICCI node *ccinode*, had the best response time, so it will be used as the primary connection.

Action:

No action is required.

CASD489I

{Local | Remote} SOAP client on node *ccinode* is the only choice for the connection

Reason:

Only one CAISDI/soap address space, on CAICCI node *ccinode*, successfully connected. Since there is only one possible connection, the response time analysis is skipped.

Action:

No action is required.

CASD490E

No SOAP clients could connect to *urlref*

Reason:

All available CAISDI/soap address spaces were tested for a connection to the URL you designated. The CAISDI/els interface could not be enabled. If this is an actual URL, *urlref* will be the full IP address of the server. If the URL is being addressed symbolically through CAISDI/soap environmental variables, *urlref* will be the clause “URL defined by CAISDI/soap variable *varname*” where *varname* identifies a variable from the CAISDI/soap configuration file. The default variable name is SD_URL.

Action:

Verify the URL designates the correct server name. Ensure the Service Desk server is up and running. Look for previous error messages that may indicate a problem with the ID or password used to logon to the Service Desk. If *varname* is a CAISDI/soap variable reference, examine the configuration file that the CAISDI/soap client address space reads when it starts, and look for the variable assignment for the variable named *varname*.

CASD491I

Connection to *urlref* was previously tested

Reason:

If multiple products are being defined in a single execution of the CAISDI/els Interface Controller and those products are being directed to the same instance of the Service Desk, the connections are not retested. The previous test results and response time will be used to set up this product. If this is an actual URL, *urlref* will be the full IP address of the server. If the URL is being addressed symbolically through CAISDI/soap environmental variables, *urlrel* will be the clause “URL defined by CAISDI/soap variable *varname*” where *varname* identifies a variable from the CAISDI/soap configuration file.

Action:

No action is required.

CASD492E

Unexpected failure connecting with Unicenter Service Desk, reason codes are (*rc*,*rs*)

Reason:

After successfully testing the connection and selecting a specific CAISDI/soap address space, the initial logon for the DEFINE command failed. The *rc* and *rs* codes are the return codes from the CAISDI/soap API.

Action:

Processing terminates. See CAISDI/soap API Return Codes (see page 1056) in the chapter "Codes."

CASD493E

Response from Unicenter Service Desk did not contain expected data for "*varname*"

Reason:

The XML data from ServiceDesk to the SOAP Server did not contain the expected data for the specified *varname*.

Action:

Contact CA Support for assistance in determining the cause of this error.

CASD494E

Unexpected failure querying Unicenter Service Desk reason codes are (*rc,rs,info*)

Reason:

CAISDI/els was querying the Service Desk for information regarding Contacts defined within the Service Desk database when an unanticipated error occurred. The *rc, rs*, and *info* codes are the return codes from the CAISDI/soap API.

Action:

Contact CA Support. For more information, see CAISDI/soap API Return Codes (see page 1056).

CASD495I

{Local | Remote} SOAP client on node *ccinode* will be used as the primary connection

Reason:

The CAISDI/els Interface Controller is assigning the CAISDI/soap address space on CAICCI node *ccinode* to be the main connection handler for the interface. If alternate CAISDI/soap address spaces can be used, they will be listed next in subsequent CASD496I messages.

Action:

No action is required.

CASD496I

{Local | Remote} SOAP client on node *ccinode* will be used for automatic failover

Reason:

The CAISDI/els Interface Controller is assigning the CAISDI/soap address space on CAICCI node *ccinode* the role of a failover connection handler for the interface in the event the primary connection fails. Failover address spaces are listed in the order of response time, with the fastest being listed first.

Action:

No action is required.

CASD497I

There are no failover SOAP clients available

Reason:

If only one CAISDI/soap address space successfully connected to the Service Desk, you cannot have any failover assignments.

Action:

Consider setting up another CAISDI/soap address space on another system for failover purposes.

CASD498I

Validating contacts for this product

Reason:

The CAISDI/els Interface Controller is about to check the Service Desk contacts you identified in the REPORTED_BY, ASSIGNEE, and AFFECTED_END_USER control parameters.

Action:

No action is required.

CASD499E

The contact identified as "*id*" is not known to Unicenter Service Desk

Reason:

The contact, whose Service Desk logon ID is *id,* was not in the Service Desk data base and USD_AUTODEF=NO was in effect.

Action:

Use the ID of a valid contact in the CA Service Desk and attempt the DEFINE again. Alternatively, set USD_AUTODEF=YES and attempt the DEFINE again.

CASD500I

The contact identified as "*id*" was not known to Unicenter Service Desk, but has now been defined

Reason:

The contact, whose Service Desk ID is *id,* was not in the Service Desk database, and USD_AUTODEF=YES was in effect, so CAISDI/els created this contact in the Service Desk database.

Action:

No action is required.

CASD501I

The contact identified as "*id*" was not known to Unicenter Service Desk, but has now been defined as an analyst

Reason:

The contact, whose Service Desk logon ID is *id,* was not in the Service Desk data base, and USD_AUTODEF=YES was in effect, so CAISDI/els created this contact in the Service Desk database. Since this contact will be used in the role of being assigned to the request, this contact was created as the type “Analyst.”

Action:

No action is required.

CASD502E

The attempt to auto-define the contact identified as "*id*" has failed

Reason:

The contact, whose Service Desk logon ID is *id,* was not in the Service Desk database, and USD_AUTODEF=YES was in effect, so CAISDI/els attempted to create this contact in the Service Desk database. This message is preceded by a more specific error message describing the error condition itself.

Action:

Use the logon ID of a valid contact in CA Service Desk and attempt the DEFINE again. Alternatively, research the underlying cause of the automatic define failure.

CASD503E

The contact identified as "*id*" is not an analyst

Reason:

The contact, whose Service Desk logon ID is *id,* was defined in the Service Desk database, but this contact must be of the type “Analyst” to be used as the assignee on the Service Desk request tickets that are opened.

Action:

Use the logon ID of a valid contact in the CA Service Desk that is of the type “Analyst” and attempt the DEFINE again.

CASD504I

Validating asset for this product

Reason:

The CAISDI/els Interface Controller is about to check the Service Desk asset you identified in the ASSET control parameter.

Action:

No action is required.

CASD505E

The asset named "*assetname*" is not known to Unicenter Service Desk

Reason:

The asset, whose Service Desk network resource name is *assetname,* is not in the Service Desk database and USD_AUTODEF=NO was in effect.

Action:

Use the name of a valid asset in the CA Service Desk and attempt the DEFINE again. Alternatively, set USD_AUTODEF=YES and attempt the DEFINE again.

CASD506I

The asset named "*assetname*" was not known to Unicenter Service Desk, but has now been defined

Reason:

The asset named *assetname* was not in the Service Desk database, and USD_AUTODEF=YES was in effect, so CAISDI/els created this asset in the Service Desk database under the asset class of “Software.”

Action:

No action is required.

CASD507E

The attempt to auto-define the asset named "*assetname*" has failed, reason codes are (*rc,rs,info*)

Reason:

The asset named *assetname* was not in the Service Desk database, but USD_AUTODEF=YES was in effect, so CAISDI/els attempted to create this asset in the Service Desk database. The *rc, rs*, and *info* codes will help in problem determination. The *rc, rs,* and *info* codes are the return codes from the CAISDI/soap API.

Action:

Use a valid asset name from CA Service Desk and attempt the DEFINE again. Alternatively, research the underlying cause of the automatic define failure. For more information, see CAISDI/soap API Return Codes (see page 1056).

CASD508I

Validating template for this product

Reason:

The CAISDI/els Interface Controller is about to check the Service Desk template you identified in the TEMPLATE control parameter.

Action:

No action is required.

CASD509E

The template named "*tempname*" is not known to Unicenter Service Desk

Reason:

The template, whose Service Desk name is *tempname,* is not in the Service Desk database.

Action:

Use the name of a valid template in the CA Service Desk and attempt the DEFINE again.

CASD512I

Processing event member *memname*

Reason:

CAISDI/els is preparing to access the event member named *memname* in the DEFINE process.

Action:

No action is required.

CASD513E

Member *memname* could not be accessed, reason codes are (*rc*,*rs*)

Reason:

An unanticipated error occurred while attempting to read an event member. Messages immediately preceding this message will describe the error in detail.

Action:

Processing for the current command terminates. Examine the preceding message to determine the problem.

CASD514I

All event member data has been read from member *memname*

Reason:

This message marks the conclusion of processing for the event member named *memname*. It is only displayed if TRACE=EVENTS or TRACE=ALL is specified.

Action:

No action is required.

CASD515E

Unexpected data in event member following the SET command:

Reason:

The SET command must be the final and only control statement in the event member. More data was detected in the event member after the SET control statement. Those lines are displayed in one or more CASD516E messages that follow.

Action:

Remove the lines following the SET command. If you need to add comments to this member, comment lines are only valid if placed after the OPTIONS tag and before the SET command. Comments are notated with an asterisk in column one.

CASD516E

Unexpected data: *extra_data*

Reason:

The SET command must be the final and only control statement in the event member. More data was detected in the event member after SET control statement.

extra_data

Displays the data that was found following the SET command.

Action:

Remove the lines following the SET command. If you need to add comments to this member, comment lines are only valid if placed after the OPTIONS tag and before the SET command. Comments are notated with an asterisk in column one.

CASD517E

Unrecognized event control statement: *statement*

Reason:

This event member is not in the correct format.

Action:

Ensure that the most current and correct event library is being accessed.

Do not combine events from multiple event libraries into a single event library. If you have saved a nonevent member in an event library, you run the risk of it being interpreted as an event member. If the failing product's product control member contains a MASK parameter on the SETUP command, ensure all members matching the mask are truly event members.

Any product group may choose to call a given event by the same name as an unrelated event from another product, so each product's event members must be kept separate from all others.

CASD518E

Event member section "*sectionid*" must not contain any other data

Reason:

The event member section headers may not contain any other data or comments.

Action:

Remove the extra text from this event member's section identified as *sectionid*.

CASD519E

Event member section "*sectionid*" appears more than once in this event member

Reason:

There has been an error in editing this event member. Each section head may appear only once in any given event member.

Action:

Look for improper duplication of lines within the event member and remove the duplicate section.

CASD520E

Symbolic parameter "*sym*" exceeds maximum length of 8 characters

Reason:

The current event member contains an imbedded symbolic parameter that exceeds the maximum length of eight characters, not including the “&”. The symbolic names are only known to the product that is using the CAISDI/els interface.

Action:

Contact the product support group for the product identified by the PRODUCT= parameter on the current DEFINE command.

CASD521E

Required event member section *sectionid* is missing

Reason:

Each event member must have SUMMARY, DESCRIPTION, and OPTIONS sections. The section identified by *sectionid* is missing.

Action:

Ensure that the most current and correct event library is being accessed.

Do not combine events from multiple event libraries into a single event library unless directed to do so by that product's documentation. If you have saved a nonevent member in an event library, you run the risk of it being interpreted as an event member. If the failing product's product control member contains a MASK parameter on the SETUP command, ensure all members matching the mask are truly event members.

Any product group may choose to call a given event by the same name as an unrelated event from another product, so each product's event members must be kept separate from all others unless they have been named in such a way that MASK control parameters can keep them separated.

CASD522E

Not enough storage to build Product Control Structure

Reason:

The CAISDI/els component requires space to build the Product Control Structure, both in local memory and in Extended CSA. The local storage will be released when this process terminates. This storage is not retained for purposes of keeping the interface active, but the Extended CSA is retained until a SHUTDOWN or REMOVE command frees it.

Action:

Increase the region size or specify REGION=0M and run the job again.

CASD523I

All events for product *prodid* have been successfully processed

Reason:

All event members identified by the product control member have been successfully processed. The Product Event Table of this product can now be built in Extended CSA.

Action:

No action is required.

CASD524I

Product text totaling *nbr1* bytes was stored in *nbr2* bytes

Reason:

The value of *nbr1* indicates the total amount of text data loaded from the product event members. While this data is not compressed, CAISDI/els attempts to save space by building the text pool so that strings of text that are used in one event, which match identically the text of another event, are stored only once and referred to by both events. The value of *nbr2* indicates the total space required to store all of the text plus the control headers that address it.

Action:

No action is required.

CASD525I

Total storage requirement for product *prodid* is *nbr* bytes

Reason:

The value of *nbr* indicates the total amount of Extended CSA required to store this product's Product Event Table.

Action:

No action is required.

CASD526I

The Event Anchor Block is located in Extended CSA at X'*nnnnnnnn*'

Reason:

There is one Event Anchor Block from which all Product Event Tables are chained, located in Extended CSA.

Action:

No action is required.

CASD527I

The Product Event Table for *prodid* is located in Extended CSA at X'*nnnnnnnn*'

Reason:

There is one Product Event Table for each product defined to the CAISDI/els interface.

prodid

Displays the ID of a product defined.

nnnnnnnn

Displays the location in Extended CSA.

Action:

No action is required.

CASD528E

Unexpected error encountered while locating event control structure, codes (*rc*,*rs*)

Reason:

An unanticipated error occurred when the CAISDI/els Interface Controller was attempting for find or lock the Event Anchor Block.

Action:

The *rc* and *rs* codes will help you research the problem. The more common values of *rc* are:

rc	Meaning of Return Code
8	ENQ failure, *rs* is the ENQ return code
16	DEQ failure, *rs* is the DEQ return code
20 and higher	Problems with Name and Token Services

CASD529E

Product Event Table for product *prodid* already exists

Reason:

You are attempting to DEFINE PRODUCT=*prodid* and it is already defined to the interface. This DEFINE attempt will fail, but processing will continue with the next command.

Action:

This can result from running your normal startup control statements after the CAISDI/els interface has already been enabled.

If you want to refresh a given product's interface, use the REMOVE PRODUCT=*prodid* followed by a DEFINE PRODUCT=*prodid*. If you want to refresh the entire CAISDI/els interface, use the SHUTDOWN command followed by the normal startup command set.

CASD530E

Unexpected failure storing Product Event Table, reason codes (*rc*,*rs*)

Reason:

CAISDI/els was attempting to copy the Product Event Table into Extended CSA when an unexpected error occurred. The values of *rc* and *rs*, the return and reason codes, respectively, identify the exact problem.

Action:

The action required depends on the return codes encountered. The *rc* and *rs* codes will help you research the problem. The more common values of *rc* are:

rc	Meaning of Return Code
20	Problems with Name and Token Services
24	Not enough Extended CSA remains to build the Product Event Table
44	Product Event Table update routine could not be installed

CASD531E

Unexpected failure removing Product Event Table, reason codes (*rc*,*rs*)

Reason:

CAISDI/els was attempting to delete the Product Event Table from Extended CSA when an unexpected error occurred. The values of *rc* and *rs*, the return and reason codes, respectively, identify the exact problem.

Action:

The action required depends on the return codes encountered. The *rc* and *rs* codes will help you research the problem. The more common values of *rc* are:

rc	Meaning of Return Code
20	Problems with Name and Token Services
28	Attempt to free Extended CSA failed

CASD532E

Unexpected failure removing Product Event Table update routine, reason codes (*rc*,*rs*)

Reason:

During SHUTDOWN processing, the Product Event Table update routine is terminated and removed from Extended CSA. An unanticipated failure was encountered.

Action:

The Product Event Table update routine may remain in Extended CSA, but it has been disconnected from the Event Anchor Block. Any subsequent DEFINE command will bring a fresh copy of the update routine into storage. The values of *rc* are:

rc	Meaning of Return Code
16	DEQ of the Event Control Structure failed
20	Problems with Name and Token Services
28	Attempt to free Extended CSA failed

CASD533I

All Product Event Tables have been removed

Reason:

During SHUTDOWN processing, this message confirms that all Product Event Tables have been disconnected from the Event Anchor Block, and the Extended CSA they occupied has been freed.

Action:

No action is required.

CASD534I

Product Event Table for *prodid*, *nbr* bytes, has been removed

Reason:

This message confirms the Product Event Table for the product identified as *prodid* has been removed from the CAISDI/els interface, and the Extended CSA that it previously occupied has been freed. The value of *nbr* indicates the number of bytes returned to Extended CSA.

Action:

No action is required.

CASD535I

Product Event Table update routine, *nbr* bytes, has been removed

Reason:

This message confirms the Product Event Table update routine has been removed from the CAISDI/els interface, and the Extended CSA that it previously occupied has been freed.

nbr

Displays the number of bytes returned to Extended CSA.

Action:

No action is required.

CASD536I

Total Extended CSA bytes freed: *nbr*

Reason:

As a result of SHUTDOWN or REMOVE processing, some quantity of Extended CSA has been freed for each Product Event Table removed. This message summarizes the Extended CSA being freed by the current command.

Action:

No action is required.

CASD537E

Product Event Table was not found

Reason:

The current command designates PRODUCT=*prodid* to direct the command to a specific Product Event Table. The designated Product Event Table does not exist.

Action:

Verify the spelling of the product ID. Ensure the CAISDI/els interface is currently active.

CASD538E

TRIGGER parameter *keywd* is restricted to 8 characters

Reason:

Freeform TRIGGER keywords are restricted to eight characters. These keywords must match symbolic parameters embedded in the summary and description text of the event member for the event to be triggered.

Action:

Examine the event member for the event you wish to trigger. Embedded symbolic parameters can be recognized because they all begin with an “&”. If the event member contained the symbolic parameter &DSN, then the TRIGGER control statement should include *DSN=some.data.set.name* to properly match the symbolic parameter with your keyword.

CASD539I

The CAISDI/els interface for product *prodid* is now disabled

Reason:

In response to a DISABLE command, the CAISDI/els has successfully disabled, and the CAISDI/els interface for the product identified as *prodid*.

Action:

No action is required.

CASD540I

The CAISDI/els interface for product *prodid* is now enabled

Reason:

In response to an ENABLE command or as the final act of the DEFINE command, the CAISDI/els interface for the product identified as *prodid* is now active and ready for use.

Action:

No action is required.

CASD541E

Unable to open the report data set, DDNAME=*ddname*

Reason:

The CAISDI/els Interface Controller requires a DD statement named *ddname* to be allocated as a REPORT data set. The attempt to OPEN this data set failed.

Action:

Review the job log or console log to find additional error messages that may have been issued by the operating system.

CASD542W

The CAISDI/els interface for product *prodid* was not enabled

Reason:

CAISDI/els was processing a DISABLE command. CAISDI/els expects the interface for the product identified as *prodid* to be enabled, but the interface for this product is currently disabled.

Action:

Processing continues as normal, but this results in the return code for the DISABLE command being set to 4.

CASD543W

The CAISDI/els interface for product *prodid* was not disabled

Reason:

CAISDI/els was processing an ENABLE command. CAISDI/els expects the interface for the product identified as *prodid* to be disabled, but the interface for this product is currently enabled.

Action:

Processing continues as normal, but this results in the return code for the DISABLE command being set to 4.

CASD544I

Query indicates *n* requests match your criteria

Reason:

The query to CA Service Desk completed with no errors. If the value of *n* is greater than zero, then a report of currently open Service Desk request tickets will be written to the REPORT DD.

Action:

If the value of *n* seems incorrect, find the CASD482I message earlier in the log and ensure the desired Service Desk was queried. Log on to the Service Desk and check the request status.

CASD545E

The CAISDI/soap API module was not found

Reason:

The LOAD for the CAISDI/soap API module, CAS0PCLI, failed. This module must be in the link list.

Action:

Ensure the CAISDI/soap component is installed in the system where this job is running. The CAISDI/soap address space does not need to be running on this system, but the API module must be available through the link list.

CASD546E

Not enough storage to build XML buffers

Reason:

The CAISDI/els component requires storage to build various buffers. This storage will be released when this process terminates. This storage is not retained for purposes of keeping the interface active.

Action:

Increase the region size or specify REGION=0M and run the job again.

CASD547I

Session ended, average response time is *avg* seconds, total network wait is *total* seconds

Reason:

The sessions with the CA Service Desk begin with a logon and continue with queries and then end with a logoff. CAISDI/els tracks the total wait for all of the interactions with the Service Desk and the number of queries made, including the logon and logoff. After the logoff, this message is printed to inform you of the quality of the connection you are using.

Action:

No action is required.

CASD548I

Retrying the failing query

Reason:

Certain errors occurring during a query sequence may be due to transient network conditions, so CAISDI/els retries many of its queries if they are of a class that might be due to transient network conditions. CAISDI/els will retry a failing query up to five times. If the retry is successful, message CASD549I will be issued.

Action:

No action is required.

CASD549I

Retry was successful

Reason:

As a follow-up to CASD548I, this message indicates the query failure displayed immediately preceding the CASD548I message was a transient problem that cleared up.

Action:

No action is required.

CASD550E

Unexpected error building query XML

Reason:

The internal buffer used for constructing the XML packets was not large enough to hold the required XML.

Action:

The internal structures defining the XML sequences have been corrupted. Ensure the most current maintenance has been properly applied.

CASD551E

Internal overflow processing event *code*, result is "*result*"

Reason:

When event member text is loaded into the Product Event Tables, certain characters are translated into XML symbolic references. For example, “<” and “>” are translated into “<” and “>” to allow the text to be transported through XML to CA Service Desk. This causes the text length to increase. If the number of special characters being translated causes the resulting string to overrun the internal buffer, this message is produced.

code

Identifies the event member being processed.

result

Displays the editing progress that had been made up to the time of failure.

Action:

Split the offending line into multiple lines.

CASD552E

Storage shortage encountered while processing the current command

Reason:

CAISDI/els was processing the current command and needed to acquire additional storage, but the GETMAIN failed.

Action:

The current command is terminated. Increase the REGION size and try the command again.

CASD553E

The CAISDI/els interface is not currently active

Reason:

CAISDI/els was processing a command that required the CAISDI/els interface to be active, but it was not.

Action:

The command is terminated with a return code of 8. Processing continues with the next command.

CASD554I

SOAP client: Function function - USD message is "*err_text*"

Reason:

This CAISDI/soap client received and error performing function function. The Unicenter Service Desk indicated the error message in *err_text*.

Action:

Examine the error message. If the *err_text* indicates the ID or password may be invalid or expired, contact your internal Service Desk personnel and ask for a valid ID and password, and then specify that ID and password in the SD_USER and SD_PASS variable settings in the CAISDI/soap configuration file. If you update the configuration file, the CAISDI/soap Client address space must be stopped and restarted..

CASD555I

SOAP client: Function *function* – API return code is *rc*

Reason:

CAISDI/els requested *function* be performed but the #SOAPSDI interface routine returned error *rc*.

Action:

Examine the error codes in the CAISDI/soap component.

CASD556I

SOAP client: Function *function* – CCI return code is *rc*, CCI FDBVR is *fdbvr*

Reason:

CAISDI/els requested *function* be performed by the CAISDI/soap Server but CCI indicated an error communicating with the SOAP Server.

Action:

Examine the CCI error or contact CA Support.

CASD557I

SOAP client: Function *function* – SOAP Server return code is *rc*, reason code is *rs*

Reason:

CAISDI/els requested *function* be performed by the CAISDI/soap Server which indicated return code *rc* and reason code *rs*.

Action:

Examine the error codes in the CAISDI/soap component.

CASD558I

Error calling SOAP client: return code is *rc*, reason code is *rs*

Reason:

CAISDI/els was attempting to process the LIST command when the SOAP Client indicated return code *rc* and reason code *rs*.

Action:

Contact CA Support. For more information, see CAISDI/soap API Return Codes (see page 1056).

CASD560E

product_name* failed to create Unicenter Service Desk request ticket for *event_code

CAISDI/els return code *ret_code*, reason code *rsn_code*, info code *info_code*

Reason:

A CA program has called the CAISDI/els API module to open a CA Service Desk request ticket, but a serious error in the CAISDI/els interface or in the environment was detected. This message is issued on behalf of that CA product. The CA program that called the CAISDI/els API was given these return codes and control was passed back to it.

product_name

Displays the common name of the CA product that called the CAISDI/els API.

event_code

Indicates the condition the product was trying to report in the CA Service Desk request ticket.

ret_code

Displays the return code.

rsn_code

Displays the reason code.

info_code

Displays the information code.

Action:

See CAISDI/els API Return Codes (see page 1059) in the chapter "Codes."

CASD600I

Request *reqnbr* was opened for product *prodid*

Reason:

A new request was opened in the CA Service Desk for the product *prodid*. The request number assigned was *reqnbr*.

Action:

No action is required.

CASD601W

Request was not opened because of MINTIME

Reason:

Each product event member may contain the MINTIME specification in the form of *MINTIME=hh:mm*. This is a throttling mechanism to prevent a flood of Service Desk request tickets from being opened when a given event may be recognized concurrently by many different tasks. For example, in the CA 1 Tape Management system, many different processes may discover the scratch tape subpool running out of tapes. You would only want one request opened for that condition. The first process to encounter the condition would open the request ticket and all subsequent redundant request tickets would be rejected until the time interval from MINTIME expires.

Action:

No action is required.

CASD602W

Request was not opened because of MAXCOUNT

Reason:

Each product event member may contain the MAXCOUNT specification in the form of *MAXCOUNT=n*. This is a throttling mechanism to prevent a flood of Service Desk request tickets from being opened when a given event may be recognized concurrently by many different tasks. You may only want one or two request tickets opened for a specific event. Each occurrence of a given event in a given system increments the count for that event. Once the count reaches the MAXCOUNT value, all subsequent request tickets are rejected. The only way to reset the event counters is to remove the associated Product Event Table with either the REMOVE *PRODUCT=prodid* command or the SHUTDOWN command, and then use the DEFINE PRODUCT=*prodid* command to rebuild the Product Event Table.

Action:

No action is required.

CASD603W

Request was not opened because CAISDI/els is currently disabled

Reason:

The entire CAISDI/els interface has been disabled. This can only happen if CA technicians are currently debugging the Event Control Structure.

Action:

Retry the request later.

CASD604W

Request was not opened because the CAISDI/els interface for product *prodid* is currently disabled

Reason:

The Product Event Table for this product is currently in a disabled state. This is the result of using the DISABLE PRODUCT=*prodid* command.

Action:

To enable the Product Event Table, use the ENABLE PRODUCT=*prodid* command.

CASD605E

Request was not opened because the CAISDI/els interface module could not be loaded

Reason:

The CAISDI/els interface module is not in the link list or STEPLIB.

Action:

Ensure the CAISDI/els component has been installed on the current system.

CASD606E

Request was not opened because the CAISDI/els interface has not been started

Reason:

The CAISDI/els Interface Controller has not processed any DEFINE commands on this system since the IPL. The first DEFINE command successfully processed causes the Event Control Structure to be initialized on the system where it was run. The Event Anchor Block remains resident for the duration of the IPL, even after a SHUTDOWN command has been processed.

Action:

Run the CAISDI/els Interface Controller with a DEFINE command for the product whose event you want to trigger.

CASD607E

Request was not opened because the CAISDI/els interface for product *prodid* has not been defined

Reason:

The Event Control Structure is in place, so the CAISDI/els Interface Controller has been run with at least one DEFINE command. However, either the DEFINE PRODUCT=*prodid* command was never run, or a subsequent REMOVE PRODUCT=*prodid* command was run.

Action:

Run the CAISDI/els Interface Controller with a DEFINE PRODUCT=*prodid* command for the product whose event you want to trigger.

CASD608E

Request was not opened because the event *eventid* is not defined for product *prodid*

Reason:

The Event Control Structure and the Product Event Table is in place, so the CAISDI/els Interface Controller has been run with the DEFINE PRODUCT=*prodid* command. However, no event library member whose name begins with *eventid* was processed. Event member names are comprised of a six-character event code followed by a two-character language code.

Action:

Review the processing log from the DEFINE PRODUCT=*prodid* command to see a complete list of event members that were processed.

CASD609E

Request was not opened because the CAISDI/soap API module could not be found

Reason:

The LOAD for the CAISDI/soap API module, CAS0PCLI, failed. This module must be in the linklist.

Action:

Ensure the CAISDI/soap component is installed in the system where this job is running. The SOAP address space does not need to be running on this system, but the API module must be available through the linklist.

CASD610E

Request was not opened because the CAISDI/soap API call failed, codes (*rc*,*rs*)

Reason:

The CAISDI/soap API passed back unexpected failure codes.

rc

Displays the return code that describes the general severity of the error.

rs

Displays the reason code that describes the problem.

Action:

See CAISDI Return Codes and Reason Codes (see page 1056) in the chapter "Codes."

CASD611E

Request was not opened because of a storage shortage - increase REGION size

Reason:

The CAISDI/els component requires space to build various structures and buffers. This space will be released when this process terminates. This storage is not retained for purposes of keeping the interface active.

Action:

Increase the region size or specify REGION=0M, and run the job again.

CASD612E

Request was opened, but the response from the Unicenter Service Desk was unrecognizable

Reason:

CAISDI/els received every indication that the Service Desk request was opened correctly, but the request number of the newly opened request could not be found in the response packet from the Service Desk.

Action:

Verify the release levels of both the CAISDI/els component and the CA Service Desk server.

CASD613E

Internal failure, codes(*rc*,*rs*,*inf*)

Reason:

This message logs out error conditions that should never occur. If they do, the modules themselves have become corrupted or improper maintenance has been applied.

Action:

Ensure the current levels of both CAISDI/els and CAISDI/soap are installed and all maintenance has been applied.

CASD614E

Unrecognized, codes(*rc*,*rs*,*inf*)

Reason:

This message logs out error conditions that are not recognized at all. The modules themselves have become corrupted or improper maintenance has been applied.

Action:

Ensure the current levels of both CAISDI/els and CAISDI/soap are installed and all maintenance has been applied.

Chapter 13: CASR Messages

List of CASR Messages

The following messages are produced by the CA SRAM Common Service.

CASR102E

***xxxxxxxx* Table Alignment Error**

Reason:

The parameter table or return table is not aligned on a fullword boundary.

Action:

Ensure that the definition of the table includes the keyword ALIGNED or SYNCHRONIZED, respectively, when using PL/I or COBOL. See the *CA SRAM User Guide* for specifying sort parameter tables.

CASR104E

***xxxxxxxx* Record length error**

Reason:

The record length has not been specified.

Action:

Specify a valid record length in the sort parameter table.

CASR105E

***xxxxxxxx* Key(s) definition error**

Reason:

A syntax error has been detected in the key definition vector. Possible causes include:

- Missing opening parenthesis
- Missing closing parenthesis
- Invalid key type or sequence
- Another type of coding error

Action:

See the *CA SRAM User Guide* for the key definition vector specification.

CASR106E

***xxxxxxxx* Workfile assignment error**

Reason:

The CA SRAM work file has not been assigned to a DASD device, the open for the work file was unsuccessful, or a nonzero return code was obtained when issuing SVC 24 to obtain the device characteristics of the work file. This can also occur if the DDname specified in the parameter table is an invalid z/OS DDname or if the DDname specified in the JCL does not match the value in the table.

Action:

Ensure that there is a corresponding DD statement for the DDname specified in the sort parameter table and that it is assigned to a valid DASD device supported by CA SRAM.

CASR108E

xxxxxxxx* Dynamic allocation error - RC=*xx* ERROR=*xxxx* INFO=*xxxx

Reason:

An error return code has been returned by the DYNALLOC system function.

Action:

See the IBM manual *SPL: Job Management* for an explanation of the various return, error, and information codes.

CASR109E

***xxxxxxxx* Workfile capacity exceeded**

Reason:

The maximum number of 15 secondary extents on the CA SRAM work file has been exceeded.

Action:

Assign more work file space. Increase amount of space for primary or secondary allocation. Ensure that the amount of space specified for the primary allocation is sufficient, and that there is enough contiguous space on the assigned work volume to prevent an excessive number of secondary allocations. In general, the work file allocations should be sufficient to hold all input records plus a reserve of about 10% to 25%. More work file space may be required for the sort task whose control fields are in reverse sequence.

CASR201E

***xxxxxxxx* SRAM (re)open call error**

Reason:

An attempt has been made to open or reopen the same work file more than once without first closing it.

Action:

Check for the wrong parameter table name on two CA SRAM sorts or another user logic error.

CASR301E

***xxxxxxxx* Storage too small**

Reason:

The storage value specified in the parameter table is below the absolute minimum. Each sort must have at least 4 KB of storage to operate. Performance will probably improve if more storage than the minimum is specified.

Action:

Correct the program to specify a larger storage value.

CASR401E

***xxxxxxxx* SRAM fill call error**

Reason:

An application program logic error has caused a FILL call to be issued either before the OPEN, or after a call to SRTCLSE, SRTGETR, or SRTOPN.

Action:

Check the user program for logic and coding errors.

CASR501E

***xxxxxxxx* SRAM retrieve call error**

Reason:

An application program logic error has caused a call to SRTGETR to be issued before the OPEN or FILL call, or after the close has been issued.

Action:

Check the user program for logic and coding errors.

CASR601E

***xxxxxxxx* Called after EOF**

Reason:

A call to SRTGETR has been issued after CA SRAM presented an end-of-file condition.

Action:

Check the EOF indicator after every retrieve call for the value '99' after each SRTGETR call.

CASR602E

***xxxxxxxx* Illegal SRAM call**

Reason:

Occurs if a return code table has been provided and another CA SRAM call has been made after an error occurred on a previous call. It is important to check for a nonzero value in the return code halfword of the table after every CA SRAM call. If return codes are requested, it is the responsibility of the user program to take appropriate action to handle the error condition.

Action:

Correct the user program to check for nonzero return codes after each CA SRAM call and take the appropriate action.

CASR800E

***xxxxxxxx* SRAM I/O error - device,DDname,operation,error code**

Reason:

An I/O error has occurred during an open or reopen of the CA SRAM work file. The standard SYNAD information that describes the nature of the I/O error is displayed in the message. The value *xxxxxxxx* will show the DDname from the parameter table.

Action:

Ensure that the work file DD statement in the error message is specified correctly. Check for possible hardware-related errors on the device in the error message. Resubmit the job using an alternative unit or volume. Ensure that the work file has remained unchanged from the last SRTCLSE call, if a reopen of the CA SRAM work file is requested.

CASR801E

***xxxxxxxx* SRAM I/O error - device,DDname,operation,error code**

Reason:

An I/O error has occurred during a FILL operation to the CA SRAM work file. The standard SYNAD information that describes the nature of the I/O error is displayed in the message. The value *xxxxxxxx* will show the DDname from the parameter table.

Action:

Ensure that the work file DD statement in the error message is specified correctly. Check for possible hardware-related errors on the device in the error message. Resubmit the job using an alternative unit or volume.

CASR802E

***xxxxxxxx* SRAM I/O error - device,DDname,operation,error code**

Reason:

An I/O error has occurred during a GETR operation from the CA SRAM work file. The standard SYNAD information describing the nature of the I/O error is displayed in the message. The value *xxxxxxxx* will show the DDname from the parameter table.

Action:

Ensure that the work file DD statement in the error message is specified correctly. Check for possible hardware-related errors on the device in the error message. Resubmit the job using an alternative unit or volume.

CASR900E

SRAM last calling address *xxxxxx*

Reason:

The expected return address in hexadecimal notation within the user program is represented by *xxxxxx*.

Action:

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

CASR999E

***xxxxxxxx* SRAM internal error**

Reason:

An internal error of undetermined origin has been detected by CA SRAM.

Action:

Save all of the documentation produced. For assistance, contact CA Support at http://ca.com/support.

Chapter 14: CATD Messages

List of CATD Messages

The following messages are produced by the ENF/SNMP Monitor component.

CATD_E_003

Unable to initialize SNMP session

Reason:

An SNMP session could not be created. This includes opening a socket and resolving the target host as specified in the ENF Event.

Action:

Verify the target host and examine any messages related to resolving the target host. This may involve DNR/DNS and IP issues. If you cannot resolve, contact CA Support.

CATD_E_005

SNMP_SEND RC 0-*snmp_errno*

Reason:

A send of the UDP packet containing the SNMP TRAP PDU failed.

Action:

The PDU was not properly built or the target host information was rejected by TCP/IP. Contact CA Support with the value of *snmp_errno*.

CATD_E_021

Error *errno/errno_jr* calling gethostname

Reason:

An error occurred during the gethostname() function call when attempting to set the IPv4 address of the TCP/IP stack in the TRAP PDU.

Action:

The TCP/IP returned *errno* and *errno_jr* when the call failed. If the TCP/IP and TCPIP.DATA are operating correctly, contact CA Support with the values of *errno* and *errno_jr*.

CATD_E_031

Error *errno/errno_jr* calling gethostname

Reason:

An error occurred during the gethostname() function call when the target host (host that receives the TRAP PDU) was not provided in the ENF Event.

Action:

The TCP/IP returned *errno* and *errno_jr* when the call failed. If the TCPIP and TCPIP.DATA are operating correctly, contact CA Support with the values of *errno* and *errno_jr*.

CATD_E_050

node name *node* is not valid, the getaddrinfo() system call did not find it *(rc)*

Reason:

An error occurred during the getaddrinfo() function call attempting to resolve the specified node name in order to set the IPv4 address. The message is indicated as an error, but the TRAP PDU is sent also. If the TCP/IP and TCPIP.DATA are operating correctly, contact CA Support.

Action:

The PDU was not properly built or the target host information was rejected by TCP/IP. Contact CA Support.

CATD_E_051

node name *node* is an IPv6 address, only IPv4 allowed

Reason:

The node name of the TCP/IP stack resolved to an IPv6 address that cannot be used in the SNMP V1 TRAP PDU (agent_addr field). Only IPv4 addresses are defined by the RFC.

Action:

A value of zero is returned and used as the IPv4 address. . The message is indicated as an error, but the TRAP PDU is sent also.

CATD_E_052

node name node is not valid, the getaddrinfo() system call did not return a valid address

Reason:

The node name of the TCP/IP stack could not be resolved by getaddrinfo() into an IPv4 address to be used in the SNMP V1 TRAP PDU.

Action:

A value of zero is returned and used as the IPv4 address. The message is indicated as an error, but the TRAP PDU is sent also. If the TCP/IP and TCPIP.DATA are operating correctly, contact CA Support.

CATD_E_060

node name *node* is not valid, the getaddrinfo() system call did not find it (rc)

Reason:

An error occurred during the getaddrinfo() function call attempting to resolve the specified node name in order to determine the IP address of the target host (host that receives the TRAP PDU).

Action:

The TCP/IP set return code rc fails the call. A value of zero is returned and used as the IPv4 address. If the TCP/IP and TCPIP.DATA are operating correctly, contact CA Support.

CATD_E_214

string(token)*: On or around line *linenum

Reason:

An error described by the *string* was found for the specified token on or near the specified line number.

Action:

Contact CA Support providing the string, token, and line number.

CATD_E_215

string*: On or around line *linenum

Reason:

An error described by the *string* was found on or near the specified line number.

Action:

Contact CA Support providing the string and line number.

CATD_E_224

Couldn't abort session *text*

Reason:

An attempt to abort a session failed.

Action:

Contact CA Support providing the reason why the session could not be aborted.

CATD_E_225

Unknown host *host*

Reason:

A call to getaddrinfo() failed to resolve an IP address for the specified host name.

Action:

If the DNS/DNR is correctly configured, contact CA Support.

CATD_E_226

IPv6 address *address* not compatible for IPv4 socket

Reason:

Only IPv4 sockets can be opened, but the target host IP address resolved to an IPv6 address, which was not an IPv4-mapped IPv6 address.

Action:

If OMVS and TCP/IP are correctly configured, an IPv4 address must be available for the target host. For assistance, contact CA Support at http://ca.com/support.

CATD_E_227

Invalid ASN1 sequence symbol *symbol*

Reason:

During parsing, an ASN1 sequence symbol was encountered. The ASN1 sequence symbol is not supported.

Action:

Contact CA Support.

CATD_E_228

No destination IP address specified

Reason:

Prior to sending the TRAP PDU, it was determined that the destination IP address is missing.

Action:

If other messages do not resolve this issue, contact CA Support.

CATD_E_229

Error building SNMP packet

Reason:

Prior to sending the TRAP PDU, the call to build the packet indicated an error.

Action:

If other messages do not resolve this issue, contact CA Support.

CATD_E_232

too many variable arguments sets: *count,* only 256 sets allowed

Reason:

While parsing the data passed in the ENF Event, too many variable arguments were detected.

Action:

Contact CA Support.

CATD_E_237

No value specified for variable type *type*

Reason:

While parsing the data passed in the ENF Event, a variable type was specified but no value followed.

Action:

Contact CA Support.

CATD_E_900

Error constructing variable list

Reason:

Some previous specific error occurred.

Action:

Examine the output for a specific message relating to the construction of the variable list.

CATD_E_996

return code rc obtaining system defaults

Reason:

The CAICATD0001 environmental variable was set, but the value specifying the system defaults could not be resolved.

Action:

Contact CA Support with the value of *rc*.

CATD_E_997

return code rc obtaining enterprise oid

Reason:

The CAICATD0000 environmental variable was set, but the value specifying the Enterprise OID could not be resolved.

Action:

Contact CA Support with the value of *rc*.

CATD_E_998

Invalid OID/MIB number, code *code*. Lookup code in CATD_E_2xx series

Reason:

An invalid OID/MIB number was detected.

Action:

Look up the code in the CATD_E_2xx series error messages. If the issue cannot be resolved from other messages, contact CA Support.

Chapter 15: CAW1 Messages

List of CAW1 Messages

The following messages are produced by the CAIENF/SNMP component.

CAW1001E

ERROR - Can't load %s

Reason:

Unable to load the requested SAPI DLL.

Action:

Check that the eTrust library contains the members that are needed.

CAW1002E

Caught POSIX Signal %i.

Reason:

Abnormal condition detected by UNIX System Services.

Action:

Investigate the cause of the signal.

CAW1003I

All SNMP traps will be reflected to SAPI.

Reason:

Informational.

Action:

No action is required.

CAW1004I

SAPI events will include SNMP information.

Reason:

Informational.

Action:

No action is required.

CAW1005I

Only SAPI events will be issued - SNMP ignored.

Reason:

Informational.

Action:

No action is required.

CAW1006I

Security API library was found.

Reason:

Informational.

Action:

No action is required.

CAW1007E

DLLs not found - Invalid SAPI library. Continuing without SAPI support.

Reason:

The security API library does not contain needed DLLs.

Action:

Check that the library in use is correct.

CAW1008E

SAPI initialization error %x. Continuing without SAPI support.

Reason:

The initialization routine has failed.

Action:

Record the error code and contact CA Support.

CAW1009E

SAPI_ROUTER <%s> unknown - host name.

Reason:

The getaddrinfo function failed to return a known host.

Action:

Check your network host names and connections.

CAW1010E

SAPI SetRouter error %x on %s. Continuing without SAPI support.

Reason:

Routing to the hostname was unsuccessful.

Action:

Check the network connections.

CAW1011I

SAPI Router set to %s.

Reason:

Informational.

Action:

No action is required.

CAW1012I

Unknown security type %x.

Reason:

Informational. Neither CA ACF2, CA Top Secret, nor RACF was specified.

Action:

No action is required. Processing continues.

CAW1013I

SAPI interface ready.

Reason:

Informational.

Action:

No action is required.

CAW1014I

SAPI interface not available.

Reason:

Informational.

Action:

No action is required. Processing continues without SAPI.

CAW1015E

SAPI_NewMessage error, RC %x.

Reason:

Unable to create a new SAPI message.

Action:

Processing continues. The error indicated by the RC (security doc describes RC) should be corrected in order for this new message to succeed in the future.

CAW1016E

Unmatched parameters at %s.

Reason:

Syntax error in SAPIDATA strings.

Action:

Correct the error and resubmit.

CAW1017E

SAPI_SubmitMsg error - rc %x/rmt_rc %x.

Reason:

Message submission failed.

Action:

Examine the security API RC and the remote rc.

CAW1018E

SAPI_RemoveMessage error - rc %x.

Reason:

Message removal failed.

Action:

Examine the security API RC for the failure reason.

CAW1019E

SAPI_AddStrItem error, RC %x.

Reason:

Adding string item failed.

Action:

Examine the security API RC for the failure reason.

CAW1020E

SAPI_AddIntItem error, RC %x.

Reason:

Adding integer item failed.

Action:

Examine the security API RC for the failure reason.

CAW1021W

Optional Security API library not found or not APF authorized.

Reason:

The security API library was not found or was not APF authorized. Processing continues without SAPI support.

Action:

Authorize the library if SAPI support is needed. If not, no action is required.

CAW1022E

Bad IP address specified.

Reason:

The IP address for target node of SNMP packet send is not constructed correctly.

Action:

Correct the IP address.

CAW1023W

TCP/IP stack *xxxx* not found/active.

Reason:

The TCPIP stack specified by the IP_STACK=*xxxx* parm in the environment variables for ENFSNMPM is either not valid or not active.

Action:

Correct the IP_STACK parm to point to a valid, or active TCPIP and restart ENFSNMPM. ENFSNMPM will use the default stack.

CAW1024E

Error ###### in connect to TCP/IP stack *yyyyyy*.

Reason:

ENFSNMPM encountered error ###### attempting SETIBMOPT for the TCPIP stack specified in the IP_STACK= variable.

Action:

Correct the IP_STACK parm to point to a valid or active TCPIP, then restart ENFSNMPM. ENFSNMPM will use the default stack.

CAW1025I

'IP_STACK' parameter ignored.

Reason:

ENFSNMPM encountered an error attempting SETIBMOPT for the TCPIP stack specified in the IP_STACK= variable.

Action:

Correct the IP_STACK parm to point to a valid or active TCPIP and restart ENFSNMPM. ENFSNMPM will use the default stack.

CAW1026E

SAPI SetRouterPort error %x on %s. Continuing without SAPI Fixed Port support.

Reason:

Routing to the fixed port number was unsuccessful.

Action:

Check the port number usage.

CAW1027I

SAPI Router Port set to %s.

Reason:

Informational.

Action:

No action is required.

CAW1030E

Error calling gethostname, errno=*errno*, errno2=*errno2*

Reason:

Error from call to gethostname(). The *errno* is decimal and *errno2* is hexadecimal.

Action:

SAPI processing continues.

CAW1031E

node name *'name'* is not valid, the getaddrinfo() system call did not find if (rc=*rc*)

Reason:

Name *'name'* is the hostname provided. The *rc* is in decimal.

Action:

SAPI processing continues.

CAW1032E

too many variable arguments, only 240 (80 sets of 3) allowed

Reason:

The number of variables comprising the variable bindings exceeds the maximum allowed.

Action:

The trap is not sent.

CAW1033E

No value specified for variable type *type*

Reason:

A variable binding specified a type but no value.

Action:

The trap is not sent.

CAW1034E

Error calling gethostname, errno=*errno*, errno2=*errno2*

Reason:

Error from call to gethostname(). The *errno* is decimal and *errno2* is hexadecimal.

Action:

The agent-addr field in the trap is set to zero.

CAW1035E

node name *'name'* is an IPv6 address, only IPv4 allowed

Reason:

Node *'name'* is an IPv6 address but the agent-addr field is defined to be an IPv4 address.

Action:

The agent-addr field in the trap is set to zero.

CAW1036E

node name *'name'* is not valid IPv4, the getaddrinfo() system call did not find it (rc=*rc*)

Reason:

Name *'name'* is the hostname provided. The *rc* is in decimal.

Action:

The agent-addr field in the trap is set to zero.

Chapter 16: CAW4 Messages

List of CAW4 Messages

The following trace messages are produced by the CAICCI Component Trace.

CAW4001I

component STOP (OFF) processing complete

Reason:

The requested STOP was processed by component.

Action:

None.

CAW4002I

component PAUSE processing complete

Reason:

The requested PAUSE was processed by component.

Action:

None.

CAW4003I

component RESUME processing complete

Reason:

The requested RESUME was processed by component.

Action:

None.

CAW4004I

component Trace(traceid) DELETED

Reason:

Trace ID traceid was deleted by component.

Action:

None.

CAW4005I

component Trace(traceid) ENABLED

Reason:

Trace ID traceid was either defined and enabled by component or had its status set to the enabled state.

Action:

None.

CAW4006I

component Trace(traceid) DISABLED

Reason:

Trace ID traceid was either defined and disabled by component or had its status set to the disabled state.

Action:

None.

CAW4007I

component Trace(traceid) MODIFIED

Reason:

Trace ID traceid was modified by component.

Action:

None.

CAW4008I

component Tracing=ttt Paused=ppp WTR=www LOSS=nnnnnnnnnn

Reason:

In response to a STATUS command, component displays: if tracing is ON or OFF; if it is paused, YES or NO: if it is connected to an external writer, YES or NO; and the number of loss trace records.

Action:

None.

CAW4009I

component EIDG: event_id_groups

Reason:

In response to a STATUS command, component displays all the Event ID Groups that are defined to some Trace ID Set.

Action:

None.

CAW4010I

component No Event ID Groups Active

Reason:

In response to a STATUS command, it was determined that no Event ID Groups were active for component.

Action:

None.

CAW4011I

component No Trace Sets Active

Reason:

In response to a LIST command, it was determined that no Trace Sets were active for component.

Action:

None.

CAW4012I

component Trace(tttt) status Count=nnnnnnnnnn xxx

Reason:

In response to a LIST command, component found Trace Set tttt defined; status is ENABLED or DISABLED; Count is the number of trace records recorded. If xxx is XAJ then JOBNAMEs and ASIDs in messages CAW4015I and CAW4016I are for exclusion.

Action:

None.

CAW4013I

component No Event ID Groups Active

Reason:

In response to a LIST command, it was determined that no Event ID Groups were active for component.

Action:

None.

CAW4014I

component Trace(tttt) EIDG: event_id_groups

Reason:

In response to a LIST command, component found Trace Set tttt defined. The Event ID Groups are listed.

Action:

None.

CAW4015I

component Trace(tttt) ASID: asid

Reason:

In response to a LIST command, component found Trace Set tttt defined with filtering on the listed ASIDs.

Action:

None.

CAW4016I

component Trace(tttt) JOBNAME: jobname

Reason:

In response to a LIST command, component found Trace Set tttt defined with filtering on the listed JOBNAMEs.

Action:

None.

CAW4017I

component CTRACEWR R15=xxxxxxxx

Reason:

In attempting to disconnect the external writer, component determined that a buffer needed to be written. The hexadecimal return code is displayed (even if successful).

Action:

None.

CAW4018I

component WTR not active

Reason:

A request to disconnect the external writer was received by component but the external writer was not connected.

Action:

None.

CAW4020I

component Now connected to its External Writer

Reason:

A request to connect the external writer was received and successfully completed by component.

Action:

None.

CAW4021I

component Now disconnected from its External Writer

Reason:

A request to disconnect the external writer (either explicitly or from a STOP) was received by component; the external writer has been disconnected.

Action:

None.

CAW4100E

component Invalid parameter: parameter Reason=reason_code

Reason:

An invalid parameter was detected by component. The request was not processed.

Action:

Re-issue the corrected command.

CAW4101E

component Syntax Error - Reason=reason_code

Reason:

An invalid combination of parameters was detected by component. The request was not processed.

Action:

Re-issue the corrected command.

CAW4102E

component All Trace ID slots in use

Reason:

A request to create a new Trace ID was received by component but all available slots are in use. The request was not processed.

Action:

Possibly delete a defined trace id and re-issue the request.

CAW4103E

component Requested Trace(tttt) in use

Reason:

A request to create Trace ID tttt was received by component but a race condition resulted in another command created the requested id. The request was not processed.

Action:

Determine who created the trace id or choose another id

CAW4104E

component New Trace ID and no events to trace

Reason:

A request to create a new Trace ID was received by component but there were no Event ID Groups specified. The request was not processed.

Action:

None.

CAW4105E

component Specified Trace(tttt) not found

Reason:

A request specifying Trace ID tttt was received by component but that id is not defined. The request was not processed.

Action:

None.

CAW4106E

component Abend – Code: ccc Base: bbbbbbbb NXT1: iiiiiiii

Reason:

An abend was intercepted by component. The system code is displayed along with the base address (module starting address) and the address of the next instruction. Message CAW4107E (multiple) will display the registers at the time of the abend. The request was not processed.

Action:

Collect diagnostic information and contact customer support.

CAW4107E

rN0-rN3 rN0 rN1 rN2 rN3

Reason:

This follows message CAW4106E and will be repeated four times: rN0-rN3 = R00-R03, R04-R07, R08-R11, R12-R15.

Action:

Collect diagnostic information and contact customer support.

CAW4108E

component Too many ASIDs specified in ASID=

Reason:

A request specifying ASID filtering was received by component but the number of ASIDs exceed the maximum. The request was not processed.

Action:

Re-issue with fewer ASIDs.

CAW4109E

component Too many JOBNAMEs specified in JOBNAME=

Reason:

A request specifying JOBNAME filtering was received by component but the number of JOBNAMEs exceed the maximum. The request was not processed.

Action:

Re-issue with fewer JOBNAMESs.

CAW4200E

component Parameter exceeded maximum length

Reason:

The parsing subroutine of component detected a parameter that was too long. The request was not processed.

Action:

Re-issue the corrected command.

CAW4201E

component Invalid parameter: parameter

Reason:

The parsing subroutine of component detected an invalid parameter. The request was not processed.

Action:

Re-issue the corrected command.

CAW4202E

component Duplicate parameter: parameter

Reason:

The parsing subroutine of component detected a duplicate parameter. The request was not processed.

Action:

Re-issue the corrected command.

CAW4203E

component Trace ID length exceeds 4

Reason:

The parsing subroutine of component detected a trace id longer than 4 characters. The request was not processed.

Action:

Re-issue the corrected command.

CAW4204E

component Event ID length exceeds 8

Reason:

The parsing subroutine of component detected an event id longer than 8 characters. The request was not processed.

Action:

Re-issue the corrected command.

CAW4205E

component Invalid Event ID Group: eidg

Reason:

The parsing subroutine of component detected that the specified event id is invalid. The request was not processed.

Action:

Re-issue the corrected command.

CAW4206E

component Conflicting parameters

Reason:

The parsing subroutine of component detected specified parameters conflicted. The request was not processed.

Action:

Re-issue the corrected command.

CAW4208E

component Missing required parameter

Reason:

The parsing subroutine of component detected that a required parameter was not specified. The request was not processed.

Action:

Re-issue the corrected command.

CAW4209E

component Must specify a valid action

Reason:

The parsing subroutine of component detected that no action was specified. The request was not processed.

Action:

Re-issue the corrected command.

CAW4210E

component Invalid LIMIT number

Reason:

The parsing subroutine of component detected that the value specified for LIMIT was invalid. The request was not processed.

Action:

Re-issue the corrected command.

CAW4400I

component CTRACE for component now active

Reason:

CTRACE for component was successfully started through either the “TRACE CT,ON,COMP=component” command or a parmlib member.

Action:

None.

CAW4401E

component Previous “TRACE CT,COMP=component” still executing.

Reason:

A previous “TRACE CT” command for component was still executing when this command was entered. This command was not processed.

Action:

Try the command again. If this error persists, stop the Component Trace (Issue “TRACE CT,OFF,COMP=component”) and then restart it. If the error still persists, contact customer support.

CAW4403I

component Current CTRACE Data Space Bytes/Blocks = $$$$$$$ / $$$$$$$

Reason:

In response to an EXTEND or RESET command, if component determines that the data space must be extended to support the request, it first displays the current data space allocation for its trace buffers in bytes and 4K blocks, followed by message CAW4404I.

Action:

None.

CAW4404I

component Requested CTRACE Data Space Bytes/Blocks = $$$$$$$ / $$$$$$$

Reason:

In response to an EXTEND or RESET command, if component determines that the data space must be extended to support the request, it first displays message CAW44403I and then displays the needed data space allocation for its trace buffers in bytes and 4K blocks.

Action:

None.

CAW4405I

component Extending CTRACE Data Space by $$$$$$$ blocks

Reason:

In response to an EXTEND or RESET command, if component determines that the data space must be extended to support the request it first displays message CAW4403I and CAW44404I, followed by this message. This message displays the number of blocks that the data space is extended to support the increased buffer quantity and/or size allocation.

Action:

None.

CAW4406I

component Extending last CTRACE Data Space block by $$$$ bytes

Reason:

In response to an EXTEND or RESET command, component determined that the request did not require an increase in the data space size; its current allocation is sufficient. This message displays the number of bytes that the last 4K block of the data space was extended to support the increased buffer quantity and/or size allocation.

Action:

None.

CAW4407I

component Releasing $$$$$$$ CTRACE Data Space blocks

Reason:

In response to a RESET command, component first extends the data space, if necessary and then releases (i.e. clears) the entire data space. This message displays the number of 4K blocks that are released, which should be the current block allocation.

Action:

None.

CAW4408I

component CTRACE Current Bfsz=$$$$$$$ #Bufs=$$$$$$$ Max #Bufs=$$$$$$$

Reason:

In conclusion to a RESET command, component first displays the current buffer size, the current number of allocated buffers and the current maximum number of buffers to which the data space could be extended for the given buffer size. This message is followed by message CAW4409I.

Action:

None.

CAW4409I

component CTRACE Requested Bfsz=$$$$$$$ #Bufs=$$$$$$$ Max #Bufs=$$$$$$$

Reason:

In conclusion to a RESET command, component first displays message CAW4408I followed by this message. This message displays the requested (i.e. new) buffer size, the number of allocated buffers and the maximum number of buffers to which the data space could be extended for the given buffer size.

Action:

None.

CAW4412I

component Current $$$$$$$ more CTRACE buffers allocated

Reason:

In conclusion to an EXTEND command, component displays the requested number of buffers that have been added to the CTRACE buffer pool followed by message CAW4413I.

Action:

None.

CAW4413I

component Current $$$$$$$ more CTRACE buffers allocated

Reason:

In conclusion to an EXTEND command, component first displays message CAW4412I followed by this message. This message displays the total number of buffers that are now available in the CTRACE buffer pool.

Action:

None.

CAW4414E

component Invalid EID entered

Reason:

The parsing subroutine of component detected an invalid Event ID. Valid EIDs are any alphanumeric string up to 4 characters in length. The request was not processed.

Action:

Re-issue the corrected command.

CAW4415E

component Invalid OPTIONS syntax

Reason:

The parsing subroutine of component detected invalid OPTIONS parameter syntax in the response to the CTRACE WTOR:

```
R nn,OPTIONS=(…)". The request was not processed.
```

Action:

Re-issue the corrected command.

CAW4416E

component Invalid RESET Option syntax

Reason:

The parsing subroutine of component detected invalid RESET option syntax in the response to the CTRACE WTOR:

"R nn,OPTIONS=(…,RESET(#buffers,buffer_size),…)". The request was not processed.

Action:

Re-issue the corrected command.

CAW4417E

component Invalid EXTEND Option syntax

Reason:

The parsing subroutine of component detected invalid EXTEND option syntax in the response to the CTRACE WTOR:

"R nn,OPTIONS=(…,EXTEND(#buffers),…)". The request was not processed.

Action:

Re-issue the corrected command.

CAW4418E

component Option invalid on the initial "TRACE CT,ON,COMP=CACCI command

Reason:

One of the options (e.g., EXTEND) specified in the response to the CTRACE WTOR: "R nn,OPTIONS=(…) is not valid on the first issuance of "TRACE CT,ON,COMP=component" (i.e. until after the CTRACE data space has been created). The request was not processed.

Action:

Re-issue the command after the first issuance of the "TRACE CT,ON,COMP=component".

CAW4419E

component Buffer size out of range. Enter a value from 64 to 8192

Reason:

The response to the CTRACE WTOR: “R nn,OPTIONS=(…,RESET(#buffers,buffer_size),…)” specified a buffer_size that was less than 64 or greater than 8192. The request was not processed.

Action:

Re-issue the command with a buffer_size between and including 64 and 8192.

CAW4420E

component Maximum # Buffers for requested Bfsz (buffer_size) is max_#buffers

Reason:

The response to the CTRACE WTOR: “R nn,OPTIONS=(…,RESET(#buffers,buffer_size),…)” specified #buffers number of trace buffers. This value is greater than max_#buffers which is the largest number of buffers that can be allocated within a data space having a buffer size of buffer_size. The request was not processed.

Action:

Re-issue the command with #buffers having a value less than or equal to max_#buffers.

CAW4421E

component Maximum Requested extension of the # of buffers exceeds max (max_#buffers)

Reason:

The response to the CTRACE WTOR: “R nn,OPTIONS=(…,EXTEND(#buffers),…)” specified #buffers number of trace buffers. This value is greater than max_#buffers which is the largest number of buffers that can be allocated within a data space having the current buffer size. The request was not processed.

Action:

Re-issue the command with #buffers having a value less than or equal to max_#buffers.

CAW4500E

component Error creating CTRACE Data Space R15=@@@@@@@@ R0=@@@@@@@@

Reason:

The creation of the data space during the first issuance of the “TRACE CT,ON,COMP=component” failed. The contents of R15 and R0 contain the pertinent diagnostic information. The request was not processed.

Action:

Ensure that the CAMASTER address space has been started and is still active. Otherwise, collect diagnostic information and contact customer support.

CAW4501E

component Error releasing CTRACE Data Space R15=@@@@@@@@ R0=@@@@@@@@

Reason:

The releasing of the data space that occurs during the processing of the EXTEND option has failed. The contents of R15 and R0 contain the pertinent diagnostic information. The request was not processed.

Action:

Ensure that the CAMASTER address space is still active. Otherwise, collect diagnostic information and contact customer support.

CAW4502E

component Error extending CTRACE Data Space R15=@@@@@@@@ R0=@@@@@@@@

Reason:

The extending of the data space that occurred during the processing of the EXTEND or RESET option has failed. The contents of R15 and R0 contain the pertinent diagnostic information. The request was not processed.

Action:

Ensure that the CAMASTER address space is still active. Otherwise, collect diagnostic information and contact customer support.

Chapter 17: CAICCI Messages

Enable Trace

When resolving a problem indicated by a CCIPC message, it is sometimes helpful to have a list of events and tasks that lead to production of the message. The CCIPC common service can produce a trace file that records events as they occur.

To produce a trace file, use the Enable Trace option of the CCIPC configurator.

List of CAICCI Messages

The following messages are produced by the CCIPC Common Service.

CCI0006

No SYSID and PC Hostname unknown.

Reason:

No CAICCI System Name (SYSID) was configured and CAICCI/PC is unable to determine the hostname of this PC (normally set in the TCP/IP configuration) as a default CAICCI name.

Action:

Either correct the TCP/IP configuration, or provide a unique name in SYSID of the TCP/IP Advanced Settings. SYSID overrides the TCP/IP hostname.

CCI0012

Cannot open/create TRACE file.

Reason:

The TRACE facility was requested, but insufficient room exists on the target drive to create the TRACE file, or the specified directory information is incorrect.

Action:

Correct the specification, free up some room on the target drive, or specify a different target drive.

CCI0013

TCPIP: Can't resolve CCI server address.

Reason:

The value specified for Server in TCP/IP Settings does not resolve to a valid IP address.

Action:

Verify that you can ping the server as specified in the Server field. If a canonical name is not resolving, try specifying its address string in either IPv4 or IPv6 format. A PC that does not support IPv6 can receive this error trying to connect to a hostname that is defined as IPv6.

CCI0014

IPV6 not on PC, IP@ exceeds IPV4

Reason:

IPv6 is not supported on the PC and an IPv6 address string was specified. CAICCI/PC attempted to map the address string into an IPv4 address but was unable because the address exceeded four bytes.

Action:

Connect to the mainframe server over an IPv4 network using an IPv4 address or upgrade the PC with a version of Windows that supports IPv6.

CCI0015

Invalid IPV6 address specified.

Reason:

A syntax error was detected in the Server IP address. The string was assumed to be an IPv6 address because of the colon (:) in the string. However, CAICCI/PC was unable to parse the string into a valid IPv6 address.

Action:

Correct the IPv6 address specified for the CAICCI Server Identification or use the host name defined to your DNS server.

CCI0020

CCIPC memory allocation failed.

Reason:

Insufficient memory is available to satisfy a CAICCI/PC request.

Action:

Ensure that the PC meets the memory requirement specification. If there appears to be sufficient memory, contact CA Support.

CCI0024

Reply timeout has occurred.

Reason:

The host has not responded to the last transmission within the expected time.

Action:

Retry the session when the host is less busy or adjust the time-out delay.

CCI0053

TCP/IP error.

Reason:

There was an error at the TCP/IP level. This is not a CAICCI error.

Action:

The specific TCP/IP error name is appended to this message. If necessary, more information may be found in the trace file. To produce a trace file, use the Enable Trace option of the CCIPC configurator.

CCI0054

SSL Connect Error – See Trace

Reason:

Failed to connect to Secure Sockets Layer. An error message, returned from SSL, is appended to this message. Details will be seen in the trace.

Action:

Enable the trace and re-create the problem. Examine the trace for the cause of the failure to connect.

CCI0057

Unexpected SSL Connection Close

Reason:

The underlying TCP/IP connection been closed, probably by a network error or by the mainframe server.

Action:

Examine the mainframe server logs to determine the cause of the disconnection.

CCI0058

SSL I/O Error

Reason:

I/O Error encountered by SSL processing, probably originating from an error with the underlying TCP/IP connection.

Action:

Determine the cause of the I/O error from the Detailed Return Code. If its value is zero, an EOF occurred that violates the SSL protocol. Otherwise the Detailed Return Code contains a WinSocket error code. If the cause of the problem cannot be determined, enable trace (see page 663), attempt to re-create the problem, and contact CA Support.

CCI0059

SSL Protocol Error

Reason:

An error in Secure Sockets Layer processing was encountered.

Action:

Enable the trace, attempt to re-create the problem, and contact CA Support.

CCI0060

Unhandled SSL Operation Error

Reason:

An internal error with CAICCI PC or OpenSSL was encountered.

Action:

Enable the trace, attempt to re-create the problem, and contact CA Support.

CCI0061

SSL Init Error - See Trace

Reason:

A Secure Sockets Layer initialization error was encountered.

Action:

Use the Configurator to enable the trace and re-create the problem. Examine the trace for the cause of the failure. If the cause of the problem cannot be determined from the trace, contact CA Support.

CCI0064

SSL Connect Error - See Trace

Reason:

Certificates on the PC and mainframe do not match.

Action:

Use the Configurator to enable the trace and re-create the problem. Examine the trace for the cause of the failure.

CCI0066

NO Certificate Sent From Server

Reason:

No certificate sent from the server.

Action:

If Secure Sockets Layer processing is needed, then a certificate must be supplied on the server side. If the SSL processing is not needed, disable the option with the CAICCI Configurator.

CCI0067

Certificate Validation Failure

Reason:

Certificate passed from the mainframe server is not a valid CAICCI certificate.

Action:

Adjust the certificates.

CCI0071

Certificate Verification Failed

Reason:

Certificates on the PC and mainframe do not match.

Action:

Adjust the certificates.

CCI0072

Server Does Not Support SSL

Reason:

Server does not support Secure Sockets Layer. This message was introduced with CAICCI V2.1.

Action:

If you do not need secure data transfer, deactivate this option on the PC through the SSL tab on the Configurator. If you need secure data transfer, you must ensure that the mainframe server is at release R2.1 or greater and SSL is enabled on the mainframe server.

CCI0073

Request requires SSL connection

Reason:

The PC application that is using CAICCI requires an SSL connection but the current connection is not using SSL.

Action:

Ensure that SSL is enabled on the PC through the SSL tab on the Configurator. You must also ensure that the mainframe server is at release R2.1 or greater and that SSL is enabled on the mainframe server.

CCI0501

Duplicate origin identifier.

Reason:

There is an internal error in the application, or 2 client machines have logged on with the same eight-character CAICCI SYSID.

Action:

If the cause of the problem cannot be determined then enable trace (see page 663), attempt to re-create the problem, and contact CA Support at http://ca.com/support.

CCI0502

Negative link error from server.

Reason:

There is an internal error in CAICCI/PC.

Action:

If the cause of the problem cannot be determined then enable trace (see page 663), attempt to re-create the problem, and contact CA Support at http://ca.com/support.

CCI0503

Application RCV buffer too small.

Reason:

There is an internal error in the application.

Action:

If the cause of the problem cannot be determined then enable trace (see page 663), attempt to re-create the problem, and contact CA Support at http://ca.com/support.

CCI0504

Invalid request ID from server.

Reason:

There is an internal error in CAICCI/PC.

Action:

If the cause of the problem cannot be determined then enable trace (see page 663), attempt to re-create the problem, and contact CA Support at http://ca.com/support.

CCI0507

Error loading logon/logoff MOD.

Reason:

The logon/logoff processor module could not be successfully loaded.

Action:

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

CCI1002

cciInit not called by application.

Reason:

This is an internal application error.

Action:

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

CCI9000

Unknown secondary RC from server.

Reason:

There is an internal error in CAICCI/PC.

Action:

If the cause of the problem cannot be determined then enable trace (see page 663), attempt to re-create the problem, and contact CA Support at http://ca.com/support.

CCI9001

Error condition in ENF.

Reason:

There is an internal error in CAIENF on the mainframe where the server is running.

Action:

Ensure that ENF is running. For assistance, contact CA Support at http://ca.com/support.

CCI9002

Invalid CCI function.

Reason:

There is an internal application error.

Action:

If the cause of the problem cannot be determined then enable trace (see page 663), attempt to re-create the problem, and contact CA Support at http://ca.com/support.

CCI9003

Outstanding receive specific.

Reason:

There is an internal application error.

Action:

If the cause of the problem cannot be determined then enable trace (see page 663), attempt to re-create the problem, and contact CA Support at http://ca.com/support.

CCI9004

Outstanding receive any.

Reason:

There is an internal application error.

Action:

If the cause of the problem cannot be determined then enable trace (see page 663), attempt to re-create the problem, and contact CA Support at http://ca.com/support.

CCI9005

No receive outstanding.

Reason:

There is an internal application error.

Action:

If the cause of the problem cannot be determined then enable trace (see page 663), attempt to re-create the problem, and contact CA Support at http://ca.com/support.

CCI9006

No receiver online.

Reason:

The intended target of a CAICCI Send requested by the PC application is not active.

Action:

Ensure that the application to which the PC is attempting to send a message is running.

If the cause of the problem cannot be determined then enable trace (see page 663), attempt to re-create the problem, and contact CA Support at http://ca.com/support.

CCI9007

Null record length passed to SEND.

Reason:

There is an internal application error.

Action:

If the cause of the problem cannot be determined then enable trace (see page 663), attempt to re-create the problem, and contact CA Support at http://ca.com/support.

CCI9008

Null record addr passed to SEND.

Reason:

There is an internal application error.

Action:

If the cause of the problem cannot be determined then enable trace (see page 663), attempt to re-create the problem, and contact CA Support at http://ca.com/support.

CCI9009

Storage: Unable to get storage.

Reason:

There is insufficient memory available for the mainframe server to satisfy a CAICCI/PC request.

Action:

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

CCI9010

ENF/CCI shutting down.

Reason:

CAICCI Common Services terminated on the host.

Action:

Contact your systems programmer.

CCI9011

Lost data/user buffer too small.

Reason:

There is an internal application error.

Action:

If the cause of the problem cannot be determined then enable trace (see page 663), attempt to re-create the problem, and contact CA Support at http://ca.com/support.

CCI9012

Receive was canceled.

Reason:

There is an internal application error.

Action:

If the cause of the problem cannot be determined then enable trace (see page 663), attempt to re-create the problem, and contact CA Support at http://ca.com/support.

CCI9013

Illegal Cancel Receive.

Reason:

There is an internal application error.

Action:

If the cause of the problem cannot be determined then enable trace (see page 663), attempt to re-create the problem, and contact CA Support at http://ca.com/support.

CCI9014

SEND error.

Reason:

There is an internal application error.

Action:

If the cause of the problem cannot be determined then enable trace (see page 663), attempt to re-create the problem, and contact CA Support at http://ca.com/support.

CCI9015

RECEIVE error.

Reason:

There is an internal application error.

Action:

If the cause of the problem cannot be determined then enable trace (see page 663), attempt to re-create the problem, and contact CA Support at http://ca.com/support.

CCI9016

Internal error.

Reason:

There is an internal error in CAICCI/PC.

Action:

If the cause of the problem cannot be determined then enable trace (see page 663), attempt to re-create the problem, and contact CA Support at http://ca.com/support.

CCI9017

RCV buffer too small, more data.

Reason:

There is an internal application error.

Action:

If the cause of the problem cannot be determined then enable trace (see page 663), attempt to re-create the problem, and contact CA Support at http://ca.com/support.

CCI9018

Invalid ID/RID format.

Reason:

There is an internal error in CAICCI/PC.The most likely cause is the CCICCI/PC Client Identification has been incorrectly set to the SYSID of the z/OS system.

Action:

If the cause of the problem cannot be determined then enable trace (see page 663), attempt to re-create the problem, and contact CA Support at http://ca.com/support.

CCI9019

Error in Feedback Area.

Reason:

There is an internal error in CAICCI/PC.

Action:

If the cause of the problem cannot be determined then enable trace (see page 663), attempt to re-create the problem, and contact CA Support at http://ca.com/support.

CCI9020

Insufficient MF storage.

Reason:

There is insufficient system storage available on the server host to satisfy a CAICCI/PC request.

Action:

If the cause of the problem cannot be determined then enable trace (see page 663), attempt to re-create the problem, and contact CA Support at http://ca.com/support.

CCI9021

CCI initialization incomplete.

Reason:

There is an internal error in CAICCI/PC.

Action:

If the cause of the problem cannot be determined then enable trace (see page 663), attempt to re-create the problem, and contact CA Support at http://ca.com/support.

CCI9022

Spawn Server inactive.

Reason:

SPAWN services on the host have not been enabled.

Action:

Contact your systems programmer.

CCI9023

Spawn resource unavailable.

Reason:

The required application program is not available on the host.

Action:

Contact your systems programmer.

CCI9024

SPAWN Request Exception.

Reason:

There is an internal error in CAICCI/PC.

Action:

If the cause of the problem cannot be determined then enable trace (see page 663), attempt to re-create the problem, and contact CA Support at http://ca.com/support.

CCI9025

No link to remote Spawn Server.

Reason:

The PC application is requesting the startup of an application on a host that is not known to the PC server host.

Action:

If the host is valid system, ensure that the PC server host is connected to this host.

If the cause of the problem cannot be determined then enable trace (see page 663), attempt to re-create the problem, and contact CA Support at http://ca.com/support.

CCI9032

Remote resource path unavailable.

Reason:

The PC application has targeted a message to an application on a host with which there is no longer a communication path.

Action:

Ensure that the PC server host is connected to this host.

CCI9033

Security/access denied.

Reason:

You are not authorized to perform the current operation.

Action:

If you need access, contact your site security administrator.

CCI9034

Receive/converse has timed out.

Reason:

The host has not responded to the last transmission within the expected time.

Action:

Retry the session when the host is less busy.

CCI9035

INQ buffer too small, more data.

Reason:

There is an internal application error.

Action:

If the cause of the problem cannot be determined then enable trace (see page 663), attempt to re-create the problem, and contact CA Support at http://ca.com/support.

CCI9036

RVT busy.

Reason:

There is an internal error in CAICCI/PC.

Action:

If the cause of the problem cannot be determined then enable trace (see page 663), attempt to re-create the problem, and contact CA Support at http://ca.com/support.

CCI9037

Invalid PLIST specified.

Reason:

There is an internal application error.

Action:

If the cause of the problem cannot be determined then enable trace (see page 663), attempt to re-create the problem, and contact CA Support at http://ca.com/support.

CCI9038

OID already active in CAICCI/PC.

Reason:

There is an internal application error.

Action:

If the cause of the problem cannot be determined then enable trace (see page 663), attempt to re-create the problem, and contact CA Support at http://ca.com/support.

CCI9039

OID not active in CCI.

Reason:

There is an internal application error.

Action:

If the cause of the problem cannot be determined then enable trace (see page 663), attempt to re-create the problem, and contact CA Support at http://ca.com/support.

CCI9040

Lost link to remote CCI resource.

Reason:

The path to the host running the targeted application has been lost during data transfer.

Action:

Ensure that a connection is reinstated between the server host and the host running the targeted application and redrive the PC application.

CCI9041

Platform specific error.

Reason:

There is an internal error in CAICCI/PC.

Action:

If the cause of the problem cannot be determined then enable trace (see page 663), attempt to re-create the problem, and contact CA Support at http://ca.com/support.

CCI9048

CCI line busy.

Reason:

There is an internal error in CAICCI/PC.

Action:

If the cause of the problem cannot be determined then enable trace (see page 663), attempt to re-create the problem, and contact CA Support at http://ca.com/support.

CCI9049

CCI send timeout has occurred.

Reason:

There is an internal error in CAICCI/PC.

Action:

If the cause of the problem cannot be determined then enable trace (see page 663), attempt to re-create the problem, and contact CA Support at http://ca.com/support.

CCI9050

CCI FUNC currently unavailable.

Reason:

A PC application is requesting a CAICCI function that is not supported at the current release of CAICCI/PC.

Action:

An upgrade of the CAICCI on the PC is needed.

If the cause of the problem cannot be determined then enable trace (see page 663), attempt to re-create the problem, and contact CA Support at http://ca.com/support.

CCI9051

CCI FUNC not support by Rmt CCI.

Reason:

An application is requesting a CCI function that is not supported by the current release of the CCI server running on the mainframe.

Action:

An upgrade of mainframe CCI is needed.

If the cause of the problem cannot be determined then enable trace (see page 663), attempt to re-create the problem, and contact CA Support at http://ca.com/support.

CCI9052

Converse has been broken.

Reason:

The mainframe application with which the PC application has been communicating has terminated or the connection to the server host is broken.

Action:

Restart the mainframe and PC applications.

CCI9064

Client queued; Service pending.

Reason:

The PC application has requested the initiation of a host application but there are insufficient resources for the application to start immediately. The request is queued and the application will start once resources are available.

Action:

No action is required.

CCI9065

CCI Lost Spawn Service.

Reason:

The mainframe application which the PC application had started has terminated unexpectedly.

Action:

Restart the PC application.

CCI9066

CCI SPAWN Service complete.

Reason:

The host application started by the PC has completed.

Action:

No action is required.

CCI9067

CCI SPAWN Init failed.

Reason:

The requested application could not be started.

Action:

If the cause of the problem cannot be determined then enable trace (see page 663), attempt to re-create the problem, and contact CA Support at http://ca.com/support.

CCI9068

CCI SPAWN normal termination.

Reason:

The requested host application started by the PC has completed successfully.

Action:

No action is required.

CCI9069

CCI SPAWN abnormal termination.

Reason:

The requested host application started by the PC did not complete successfully.

Action:

No action is required.

CCI9070

CCI SPAWN Service canceled.

Reason:

The PC application has cancelled a host application that it started earlier.

Action:

No action is required.

CCI9071

CCI SPAWN Server internal error.

Reason:

There is an internal error in CAICCI/PC.

Action:

If the cause of the problem cannot be determined then enable trace (see page 663), attempt to re-create the problem, and contact CA Support at http://ca.com/support.

CCI9072

CCI SPAWN Service disconnected.

Reason:

The PC application has purposely disconnected from its mainframe application but both continue to execute.

Action:

No action is required.

CCI9073

CCI SPAWN terminated the Service.

Reason:

The Spawn Manager has terminated the Service; a probable cause is the shutdown of ENF or CAICCI on the serving mainframe.

Action:

If the cause of the problem cannot be determined then enable trace (see page 663), attempt to re-create the problem, and contact CA Support at http://ca.com/support.

CCI9074

CCI Client reconnected.

Reason:

The PC application has reconnected to a host application that it had started earlier and from which it had disconnected.

Action:

No action is required.

CCI9075

Spawn failed: Security Violation.

Reason:

Spawn request failed due to security violation. Check logs.

Action:

Correct the permissions.

CCI9112

Server requires SSL connection

Reason:

Server machine requires an SSL connection by the PC.

Action:

Ensure that SSL is enabled on the PC through the SSL tab on the Configurator.

CCI9113

Invalid packet rcvd at Server

Reason:

Server machine detected invalid data packet. This usually occurs when the connection between the PC and its mainframe server is broken during data transfer.

Action:

If the cause of the problem cannot be determined then enable trace (see page 663), attempt to re-create the problem, and contact CA Support at http://ca.com/support.

CCI9114

Server Logic Err from last pckt

Reason:

Server machine error due to contents of last packet. This usually occurs when the connection between the PC and its mainframe server is broken during data transfer.

Action:

If the cause of the problem cannot be determined then enable trace (see page 663), attempt to re-create the problem, and contact CA Support at http://ca.com/support.

CCI9115

Sysid for PC not configured

Reason:

Unique SYSID (CAICCI Client Identification) not configured for CAICCI/PC.

Action:

Run the Configurator and provide a unique SYSID (CAICCI Client Identification) for the PC.

CCI9116

No Application Name

Reason:

The PC application initiating a connection to the mainframe server did not provide a name.

Action:

If the cause of the problem cannot be determined then enable trace (see page 663), attempt to re-create the problem, and contact CA Support at http://ca.com/support.

List of CCICON Messages

The following messages are produced by the CAICCI Common Service during its configuration.

CCICON3

The CCI DLL needed for TCP/IP support is not installed.

Reason:

In trying to manage your installation and configuration of CAICCI, the Configurator was looking for a required file. The file was not found.

Action:

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

CCICON4

Unable to initialize the CCI Configuration program.

Reason:

The Windows Control Panel tried to load the CAICCI configuration program but was unable to establish communication with it.

Action:

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

CCICON5

Unable to load the appropriate files for the specified configuration. Please contact technical support.

Reason:

In trying to manage your installation and configuration of CAICCI, the Configurator was looking for a required file. The file was not found.

Action:

For assistance, contact CA Support.

CCICON7

You have selected a TSR based transport. If you did not run xxx before entering Windows, you must exit Windows and do so before using CCI for TCP/IP.

Reason:

On the TCP/IP configuration dialog, you selected a TCP/IP transport that runs as a TSR. This is just a warning message to alert you to the fact that the TSR must be loaded before entering Windows.

Action:

Exit all the way out of the CAICCI Configurator, shut down Windows, run the *xxx* program mentioned in the message, and reenter Windows.

Chapter 18: Serviceability Messages

The following messages are produced by the Serviceability subcomponent of the CAIRIM Common Service.

List of CCSI Messages

CCSI100I

CCSEFXSR - INITIALIZATION STARTED

Reason:

The CCSEFXSR initialization has started.

Action:

This message is informational only. No action is required.

CCSI101I

CCSEFXSR - INITIALIZATION COMPLETED

Reason:

The CCSEFXSR initialization has completed.

Action:

This message is informational only. No action is required.

CCSI102E

CCSEFXSR - NOT MASTER ADDRESS SPACE

Reason:

The CCSEFXSR module was invoked but it was not the master address space.

Action:

Contact CA Support for this error.

CCSI110E

CCSEFXSR - IEFBR14 LOCATE FAILED

Reason:

The CCSEFXSR module could not locate MVS MODULE IEFBR14.

Action:

Contact CA Support for this error.

CCSI112E

CCSEFXSR - BLDL FAILURED IKJEFXSR

Reason:

The BLDL locate for IKJEFXSR in the LINKLIST failed.

Action:

Contact CA Support for this error.

CCSI113E

CCSEFXSR - LOAD FAILURED IKJEFXSR

Reason:

The LOAD for IKJEFXSR from the LINKLIST failed.

Action:

Contact CA Support for this error.

CCSI114E

CCSEFXSR - GETMAIN FAILED FOR IKJEFXSR

Reason:

The GETMAIN to hold module IKJEFXSR failed.

Action:

Contact CA Support for this error.

CCSI115E

CCSEFXSR - #CAAT UPDATE FAILED

Reason:

The request to update the #CAAT vector table failed.

Action:

Contact CA Support for this error.

CCSI126E

CCSEFXSR - LOAD FAILURED FOR LMOD XXXXXXXX

Reason:

The LOAD for the requested module failed.

Action:

Contact CA Support for this error.

CCSI130I

CCSEFXSR - PRE-SECURITY PROCESSING

Reason:

The CCSEFXSR pre-security processing has started.

Action:

This message is informational only. No action is required.

CCSI131I

CCSEFXSR - POST-SECURITY PROCESSING

Reason:

The CCSEFXSR post-security processing has completed.

Action:

This message is informational only. No action is required.

List of CCSR Messages

CCSR000E

UNDEFINED MESSAGE NUMBER num

Reason:

An attempt was made to print a message with the specified message number, but the message number does not exist.

Action:

Contact CA Support for this error.

CCSR001E

UNABLE TO ISSUE MESSAGE NUMBER msg FOR UNDEFINED MESSAGE NUMBER num

Reason:

The CA Common message formatter tried to issue a message not defined in the message table.

Action:

Contact CA Support for this error.

CCSR002E

UNABLE TO ISSUE sub MESSAGE NUMBER num; THE MESSAGE TABLE IS NOT AVAILABLE

Reason:The CA Common formatter tried to issue a message not in the message table.

Action:

Contact CA Support for this error.

CCSR010E

comp abend AT addr LMOD mod CSECT csect +off job step proc

Reason:

This is a diagnostic information display for an abend. If any of these variable fields are unavailable at the time of the abend, N/A appears as the value.

- **comp** is the component that requested the dump.
- **abend** is the abend completion code.
- **addr** is the address from the PSW at time of abend.
- **mod** is the name of the load module that abended.
- **csect** is the CSECT name in the abended load module.
- **off** is the offset into the load module or the CSECT where the
- **abend** occurred. If the CSECT name is N/A, then the offset is in the load module.
- **job** is the job name of the abending program.
- **step** is the job step name of the abending program.
- **proc** is the procedure step name of the abending program.

Action:

This message is informational only. No action is required.

CCSR061I

PSW: psw

Reason:

This message displays the program status word, in hexadecimal format, of the next sequential instruction after an abend has occurred. The value of psw is the current program status word, in hexadecimal format, at the time of the abend.

Action:

This message is informational only. No action is required.

CCSR062I

ILC: ilc INTERRUPT CODE: itc REASON CODE: rsn

Reason:

This message displays the instruction length count, interrupt code, and reason code associated with an abend.

- **ilc** is the instruction length code from the error PSW
- **itc** is the interrupt code associated with the error PSW
- **rsn** is the value of register 15 at the time of the abend.

Action:

This message is informational only. No action is required.

CCSR063I

TRANSLATION EXCEPTION ADDRESS: addr

Reason:

This message displays the virtual address causing the translation exception displayed in hexadecimal format. The value of addr is the virtual address causing the translation.

Action:

This message is informational only. No action is required.

CCSR065I

HOME = home PRIMARY = prim SECONDARY = scnd

Reason:

This message displays the addressing mode at the time of the abend.

Action:

This message is informational only. No action is required.

CCSR070I

range regvalue regvalue

Reason:

This message displays the contents of the general registers at the time of the abend.

Action:

This message is informational only. No action is required.

CCSR071I

range regvalue regvalue regvalue regvalue

Reason:

This message displays the contents of the access registers at the time of the abend.

Action:

This message is informational only. No action is required.

CCSR080I

comp DUMP IN PROGRESS

Reason:

An SVC dump is in progress for the indicated processor id. The value of comp is the component that requested the dump.

Action:

This message is informational only. No action is required.

CCSR081I

comp DUMP COMPLETED

Reason:

The requested SVC dump successfully completed. The value of comp is the component that requested the dump.

Action:

This message is informational only. No action is required.

CCSR082I

comp DUMP UNSUCCESSFULLY COMPLETED. R15 = rc

Reason:

An error occurred during an SVC dump.

- **comp** is the component that requested the dump
- **rc** is the return code from the SDUMP macro. The following are possible values:

  4 - The dump data set was too small to contain the whole dump.

  8 - The dump data sets are full.

Action:

This message is informational only. No action is required.

Chapter 19: GNT Messages

List of GNT Messages

The following messages are produced by the CA-GSS Common Service.

GNT101

CNOS accepted by node *nodename*

Reason:

This node requested a CNOS operation with *nodename*. The request was accepted without negotiation.

Action:

No action is required.

GNT102

CNOS negotiated with node *nodename*

Reason:

This node requested a CNOS operation with *nodename*. The request was negotiated successfully.

Action:

No action is required.

GNT103

CNOS failed; Node *nodename* not currently available

Reason:

This node requested a CNOS operation with *nodename*. The operation failed because the target node is not connected to VTAM.

Action:

No action is required.

GNT104

CNOS failure; node: *nodename*

Reason:

This node requested a CNOS operation with *nodename*. The operation failed.

Action:

No action is required.

GNT105

***record* is the text read from the GOALNET initialization parameter.**

Reason:

record is the text read from the GOALNET initialization parameter. It contains network definition data.

Action:

No action is required.

GNT106

GoalNet Log already exists

Reason:

A new GoalNet log is attempting to open. However, the GoalNet log function is already active, so the new log does not open.

Action:

No action is required.

GNT107

GoalNet Log terminating due to request

Reason:

The current GoalNet log is terminating due to a request.

Action:

No action is required.

GNT108

GoalNet Log ending due to failure

Reason:

The current GoalNet log is terminating due to a failure of the logging IMOD, $GNET_LOG. GoalNet messages will now be logged to the main ISERVE log, ISRVLOG.

Action:

Restart the GoalNet log through the ISERVE command GOALNET START LOG.

GNT109

CNOS processed for *luname logmode sess mlw mpw flags*

Reason:

A CNOS request has been received from another node and has been processed.

luname

Identifies the logical unit making the CNOS request.

logmode

Displays the name of the logmode table on which the CNOS request is based.

sess

Displays the desired number of sessions.

mlw

Displays the minimum contention-winner sessions desired.

mpw

Displays the minimum contention-loser sessions desired.

flags

Displays the hexadecimal flags passed with the request.

Action:

No action is required.

GNT110

Session lost with *nodename*

Reason:

The GoalNet link with node *nodename* has been lost. No further communications with that node are possible.

Action:

Make sure that the node is available. Issue the ISERVE command GOALNET START *nodename* to reactivate the link.

GNT111

GoalNet node *ournode* disconnecting from *node*

Reason:

Communication between GoalNet node *ournode* and *node* has been lost.

Action:

Make sure that the node is available. Issue the ISERVE command GOALNET START *nodename* to reactivate the link.

GNT112

GoalNet node *ournode* connecting with *node*

Reason:

Communication between GoalNet node *ournode* and *node* has been established.

Action:

No action is required.

GNT113

Connecting with *node*

Reason:

Communications have been established with *node*.

Action:

No action is required.

GNT115

Conversation lost with *nodename*

Reason:

An IMOD has been notified by VTAM that its conversation with *nodename* has been terminated. The IMOD ends. Communication with *nodename* is terminated.

Action:

Make sure that the affected node is available and issue the ISERVE command GOALNET START *nodename* to reestablish communication.

GNT116

Request to run *imod* from caller (*callerid*) at *callernode* (*recs*, *bytes*)

Reason:

A receiver IMOD has received a request to execute the IMOD named *imod*. The request was from node *callernode* and was made by an execution of IMOD *caller*, with an IMOD ID of *callerid*. *recs* is the total number of records to be passed across the network, and *bytes* is the total number of bytes to be passed across the network.

Action:

No action is required.

GNT117

Request successfully received

Reason:

All records pertaining to the current request (see message GNT116) have been successfully received. The request is now ready for execution.

Action:

No action is required.

GNT118

Return for IMOD caller (*callerid*) from called (*calledid*) at *node* (*prty*, *recs*, *bytes*)

Reason:

The IMOD *caller*, with an IMOD ID of *callerid*, has begun to transmit the results of a prior request to execute the IMOD *called*, with IMOD ID *calledid*, at node *node*. The called IMOD was executed at node *node*. *prty* is the transmission priority, *recs* is the total number of records to be passed across the network, and *bytes* is the total number of bytes to be passed across the network.

Action:

No action is required.

GNT119

Returned data complete

Reason:

All records pertaining to the current request (see message GNT118) have been successfully received. The results are now ready to be returned to the requestor.

Action:

No action is required.

GNT120

Bad Record: *data*

Reason:

An invalid record has been received on GoalNet. *data* is the record received.

Action:

If other errors or unwanted conditions occur, capture the log and any pertinent data.

GNT122

Allocation of conversation failed, *nodename*

Reason:

The transmitter IMOD attempted to allocate a conversation with *nodename*, but the allocation failed.

Action:

Determine why VTAM refused the request to start a conversation.

GNT124

Request to run *imod* at *node* (*caller callerid stack*) (*recs*, *bytes*)

Reason:

A transmitter IMOD has received a request to execute the IMOD *imod* at remote node *node*. The request was from node *node* and was made by an execution of IMOD *caller*, with an IMOD ID of *callerid*. Return notification is through stack number *stack*. *recs* is the total number of records to be passed across the network, and *bytes* is the total number of bytes to be passed across the network.

Action:

No action is required.

GNT125

Request successfully transmitted

Reason:

All records pertaining to the current request (see message GNT124) have been successfully transmitted.

Action:

No action is required.

GNT126

Return to *caller* (*callerid*) at *node* (*called calledid*) (*prty*, *recs*, *bytes*)

Reason:

The IMOD *caller*, with an IMOD ID of *callerid*, has begun to transmit the results of a prior request to execute the IMOD *called*, with IMOD ID *calledid*, at node *node*. The request was originated by an execution of IMOD *caller*, with an IMOD ID of *callerid*. *prty* is the transmission priority, *recs* is the total number of records to be passed across the network, and *bytes* is the total number of bytes to be passed across the network.

Action:

No action is required.

GNT127

Return successfully transmitted

Reason:

All records pertaining to the current request (see message GNT126) have been successfully transmitted. The results are now ready to be returned to the requestor.

Action:

No action is required.

GNT128

Conversation lost with *node*

Reason:

Following completion of a request to execute an IMOD, it was found that the results could not be returned to the requestor because the conversation was lost. The results are discarded.

Action:

No action is required.

GNT129

Unknown node requesting session; rejected. LUname *luname*

Reason:

A request has been received from a node that is not defined to this node. The request is rejected. *luname* identifies the logical unit that initiated the request.

Action:

Ensure that the GoalNet definition for this node includes all desired partners.

GNT130

Attempt to communicate from "STOPPED" node *node*

Reason:

A request to execute an IMOD has been received from a node that is flagged as stopped. The request is refused. *node* is the requesting node name.

Action:

Determine if the node is stopped due to an operator GOALNET STOP command. The node may be restarted with the GOALNET START command.

GNT131

Node shutting down *node*

Reason:

During transmission of a request to execute an IMOD, the requesting node indicated that it was terminating communications. The incomplete request is discarded. *node* is the name of the requestor.

Action:

No action is required.

GNT132

RPL error occurred in *name* at statement *inst node luname logmode* OPERATION: *req.qual* CONVERSATION: *cnvid* SESSION: *sess* RTNCD: *rtncd* FDBK2: *fdbk2 rcpri / rcsec — text*

Reason:

A VTAM operation terminated with an error. *name* is the name of the IMOD, and *inst* is the instruction number within the IMOD. *req.qual* indicates the request type and qualifier being executed at the time of error.

Action:

This message is probably the result of a fault in the VTAM environment and will be an isolated occurrence. Look up the primary and secondary return codes (*rcpri* and *rcsec*) in *VTAM Programming for LU 6.2* (or the equivalent manual for the version of VTAM that you are using).

GNT133

GoalNet participation terminated

Reason:

As a result of a GOALNET TERMINATE command, this node has severed its connections to all other nodes.

Action:

No action is required.

GNT134

VTAM is terminating

Reason:

VTAM is shutting down. GoalNet participation is ending.

Action:

Restart VTAM and then GoalNet.

GNT135

HALT NET,QUICK or VARY INACT issued

Reason:

VTAM is shutting down in response to a HALT QUICK command, or a VARY INACT command has been issued against the logical unit assigned to CA-GSS/ISERVE. GoalNet participation is ending.

Action:

Restart VTAM or activate CA-GSS/ISERVE's application ID and then start GoalNet.

GNT136

HALT NET,CANCEL issued or VTAM ABEND

Reason:

VTAM has terminated due to operator cancel of an abend condition. GoalNet participation is ending.

Action:

Restart VTAM and then GoalNet.

GNT137

Unknown VTAM termination

Reason:

VTAM has terminated for unknown reasons.

Action:

Restart VTAM and then GoalNet.

GNT138

NODE *node* is DOWN

Reason:

The specified GoalNet node is not available for use.

Action:

If communication is desired with this node, reactivate it with the GOALNET START command.

GNT139

record

Reason:

record is the data portion of a LOGON initialization parameter or descriptive data.

Action:

No action is required.

GNT140

LOGON LUNAME already defined

Reason:

The immediately preceding GNT139 message displays a duplicate specification of the LOGON LUNAME initialization parameter. The first specification is retained, and the duplicate is ignored.

Action:

Remove the unwanted definition from the initialization parameters.

GNT141

LOGON LUNAME is invalid

Reason:

The value specified for the LUNAME in the immediately preceding GNT139 message is not a syntactically valid LUNAME.

Action:

Correct the LUNAME specification in the initialization parameters and restart.

GNT142

LOGON PASSWORD is invalid

Reason:

The value specified for the password in the immediately preceding GNT139 message is not a syntactically valid password.

Note: For security reasons, the password field in the GNT139 has been replaced with XXXX. You will need to examine the initialization parameters' source to determine the problem with the password.

Action:

Correct the password specification in the initialization parameters and restart.

GNT143

LOGON LUNAME assigned value of *luname*

Reason:

The indicated value of *luname* has been assigned as the appropriate LUNAME for communications with terminals desiring to logon. Note that this message does not indicate that VTAM will accept the request to use this LUNAME.

Action:

No action is required.

GNT144

preceding LOGON record is invalid

Reason:

The immediately preceding GNT139 message displays a LOGON initialization parameter record whose first word is not a recognized LOGON sub-verb.

Action:

Correct or remove the invalid record.

GNT145

No LOGON luname defined

Reason:

Although you have defined applications for terminal logon requests, you have not defined an LUNAME to be used for communication.

Action:

If terminal logons are to be accepted, supply an appropriate LUNAME specification and restart.

GNT146

GoalNet Terminated by Command

Reason:

An operator entered a GOALNET TERMINATE command and all nodes have been disconnected and the VTAM ACB closed.

Action:

GoalNet functions are unavailable until a GOALNET RESTART command is entered.

GNT147

GoalNet connection to VTAM lost. Reply RESTART, AUTO, or NONE

Reason:

During operation of GoalNet, its connection to VTAM was lost. This may be due to VTAM failure or a VARY INACT against GoalNet's application ID. At GoalNet initialization, RESTART WTOR was specified.

Action:

The following actions can be taken:

RESTART

Issued after VTAM is restarted or the application ID has been reactivated, this option will cause GoalNet to reinitialize itself.

AUTO

Issued prior to VTAM being restarted, this reply will eliminate the WTOR and cause GoalNet to await the issuance of message IST020 by VTAM. At that time, an automatic GoalNet restart will be attempted. AUTO is not an appropriate reply if VTAM is not being restarted or if VTAM restarting is already complete.

NONE

This option will eliminate the WTOR and no further action will be taken by GoalNet. Following restoration of the VTAM environment, you will need to issue a GOALNET RESTART command to CA-GSS.

GNT148

Reply to GNT147 is invalid. Try again

Reason:

An operator entered a reply in response to GNT147 but it was invalid. The GNT147 message is redisplayed.

Action:

Issue a reply to the redisplayed GNT147 message.

GNT149

TCP/IP Initialization of interface failed: *rc*

Reason:

The initialization call to the TCP/IP interface failed for the indicated return code. This failure may occur because the system TCP/IP task has not been started, and CA-GSS is attempting to connect with it. This failure could also be the result of an invalid port address or job name that is specified on the CA-GSS TCP/IP initialization statements.

Action:

Make sure that the system TCP/IP task has been started. Also make sure that any port address or job name that is specified on the initialization statements is valid.

GNT150

TCP/IP Initialization of interface complete

Reason:

The interface to TCP/IP has successfully initialized.

Action:

No action is required.

GNT151

Could not start $TCP_TIMER

Reason:

The $TCP_TIMER IMOD could not be started.

Action:

Examine ISRVLOG and GNETLOG for additional information on the failure.

GNT152

$TCP_TIMER has failed

Reason:

The $TCP_TIMER IMOD has stopped running or abended.

Action:

Examine ISRVLOG and GNETLOG for additional information.

GNT153

TCP/IP GetHostID failed: *rc*

Reason:

CA-GSS failed to obtain a valid host ID for the active TCP/IP task.

Action:

Ensure the TCP/IP proc has been started on your system.

GNT154

TCP/IP Host ID: *netaddr*

Reason:

CA-GSS successfully connected to the TCP/IP host and obtained the host ID.

Action:

No action is required.

GNT157

Read/Write Request Purged

Reason:

Informational message indicating that CA-GSS is purging requests for IMODs that have completed.

Action:

No action is required.

GNT158

XMIT via stopped path: node. Message ignored

Reason:

An attempt was made to transmit a request to a node with a stopped path.

Action:

Issue the NET START command for the indicated path and retry the request.

GNT159

***path* node now active**

Reason:

Informational message indicating a node has started.

Action:

No action is required.

GNT160

Re-Sync from *gmfname* via *netaddr*

Reason:

CA-GSS received an inbound request from a remote GMF node. An ACK will be sent back to the originating node.

Action:

No action is required.

GNT162

Reply received from *gmfname* via *netaddr*

Reason:

A locally initiated request has received a reply from the indicated *gmfname*.

Action:

No action is required.

GNT163

Request from *gmfname* via *netaddr*

Reason:

An unsolicited request was received from the indicated *gmfname*.

Action:

No action is required.

GNT164

Spawn of IMOD *imodname* failed. Message lost

Reason:

The indicated *imodname* failed to spawn. Any associated message text was lost.

Action:

Examine ISRVLOG and GNTLOG for additional diagnostic information.

GNT165

Message passed to IMOD *imodname* for processing

Reason:

The indicated *imodname* was activated and passed any associated message text for the request.

Action:

No action is required.

GNT167

XMIT failed *gmfname* via *netaddr*

Reason:

An attempt to transmit to *gmfname* failed.

Action:

Examine ISRVLOG and GNTLOG for additional diagnostic information.

GNT169

NAK from *gmfname* via *netaddr*

Reason:

Negative acknowledgement received from *gmfname*.

Action:

No action is required.

GNT172

Unexpected reply from *gmfname* via *netaddr*

Reason:

An unsolicited reply was received from *gmfname*.

Action:

Examine ISRVLOG and GNTLOG for additional diagnostic information.

GNT174

ACK/NAK to/from *gmfname* via *netaddr*

Reason:

CA-GSS acknowledged an incoming message from a remote CA-GSS system.

Action:

No action is required.

GNT177

OOS ACK/NAK from *netaddr*

Reason:

An out-of-sequence ACK or NAK was received from the remote system. Message is logged and request is ignored.

Action:

No action is required.

GNT178

Time-Out READ timer

Reason:

The READ time-out value was exceeded prior to a response from the remote CA-GSS system.

Action:

Verify the remote system is active.

GNT179

ACK Timer cleared

Reason:

ACK response has been received from the remote CA-GSS system prior to the expiration of the ACK timer.

Action:

No action is required.

GNT180

READ Timer cleared

Reason:

A response was received from the remote CA-GSS system prior to the expiration of the READ timer.

Action:

No action is required.

GNT181

ACK Timer set

Reason:

The time-out ACK timer was set following a transmit to a remote CA-GSS system.

Action:

No action is required.

GNT182

READ Timer set

Reason:

The time-out READ timer was set following a transmit to a remote CA-GSS system.

Action:

No action is required.

GNT184

Forward from *srcgname* via *netaddr* to *targname*

Reason:

CA-GSS is routing a request from *srcgname* to *targname*.

Action:

No action is required.

GNT185

Unable to initialize TCPAPI

Reason:

The TCP/IP interface failed to initialize.

Action:

Verify that the TCP/IP started task is active and that the CA-GSS port is available.

GNT186

TCP/IP is down, retry scheduled

Reason:

The TCP/IP interface is down. CA-GSS will attempt to retry the failed operation.

Action:

No action is required.

Chapter 20: LDM Messages

Messages in this chapter are issued by the CA-L-Serv component.

LDM Message Types

LDM messages provide you with many types of information about CA-L-Serv and its activity. The following table describes different types of LDM messages, what they mean, and how you should react to them.

Message Type	What It Does	What CA-L-Serv Does	What You Should Do
Syntax Error Message. (Message ID ends in E.)	Notifies you about syntax errors that prevent CA-L-Serv from recognizing or compiling a command or statement.	Usually, CA-L-Serv discards the entire command or statement without executing any part of it. (Exceptions are noted in the documentation.)	Consult the syntax reference information in the CA-L-Serv section of the *Reference Guide*. *If you cannot tell what's wrong or how to fix the problem, look at other messages issued around the same time.*
Execution Error Message (Message ID ends in E.)	Notifies you about errors that prevent CA-L-Serv from taking the action you directed.	Depending on the error, CA-L-Serv may continue without performing the action you directed, may perform default processing, or may terminate.	Some of these messages provide information (such as return codes) that you may need to look up to determine more precisely the cause of the problem. *If you cannot tell what's wrong or how to fix the problem, look at other messages issued around the same time.*
Product Error Message (Message ID ends in L.)	Notifies you that part or all of CA-L-Serv experienced an error or abend. Usually, you cannot fix these errors.	CA-L-Serv was designed to recover from most types of errors. However, CA-L-Serv may be unable to correct the error and may terminate.	Collect any diagnostic information that's available, and note the sequence of events that preceded the error. Then call CA Support.

Message Type	What It Does	What CA-L-Serv Does	What You Should Do
Trace and Diagnostic Message (Message ends in T.)	Describes CA-L-Serv's actions in great detail. CA Support uses this information to analyze and diagnose complex problems.	Nothing. This is an informational message.	If you receive a trace message unexpectedly, call CA Support. *Trace messages are not documented in CA-L-Serv manuals.*
Unsolicited Information Message (Message ID ends in I.)	Describes or performs a routine action.	Nothing. This is an informational message.	Nothing. This is an informational message.
Solicited Information Message (Message ID ends in I.)	Provides information you requested through a command or statement.	Nothing. This is an informational message.	Nothing. This is an informational message.

Message Customization through CA-L-Serv

In most cases, you do not need to alter the messages provided with these products. However, you can customize messages for any product that uses CA-L-Serv's message table structure. You may want to customize messages for any of the following reasons:

- To change the message text.
- To distinguish between messages issued by different copies of a client (such as test and production copies of a client).
- To provide messages in a language other than English.

Contents of a Message Table

A message table contains the following information:

- A TABLE statement that identifies the product using the messages, the language the messages are in, and the default language. Here is an example of a TABLE statement:

  ```
  TABLE BUNDLTAB LANGUAGE=ENGLISH DEFAULT
  ```

  The second value on the statement is the table's name (in this case, BUNDLTAB). Client applications use this name to reference messages.

- MSG statements that contain message prefixes, message text, and routing instructions. Here is an example of a MSG statement:

  ```
  MSG 'LDM0016E Unrecognized keyword @1|',RESP
  ```

  Symbolic variables start with the character @. Standard WTO attributes (descriptor codes, MCS flags, and so on) may also be part of a message.

- Comments that explain how to modify TABLE and MSG statements.

Replace Messages

To provide a different set of messages in English (or whatever default language you have chosen)

1. Provide a new member for your replacement messages.
2. Copy all or some of the messages into the replacement member. If you copy only the messages you will be replacing, CA-L-Serv uses text from the original message table for any message you do not replace.
3. Modify text as needed by modifying the MSG statements in your replacement member. Instructions in the message table tell you how to identify variables, how to concatenate lines, and so on.

   You can modify MSG statements in these ways:

   - You can change the three-character message prefix. For example, if you are running test and production copies of CA-L-Serv, you could change the test copy's prefix from LDM to TST. By doing this, you can distinguish test messages from production messages.
   - You can change the message text (which appears between single quotation marks).

   Do not change the prefix's length or the message number. It is recommended that you do not change the routing information for messages.
4. Identify your replacement member to CA-L-Serv.

Provide Language Support

By default, the products display message text in English.

To display messages in a different language

1. Provide a new member for your translated messages.
2. Copy the messages into the replacement member.
3. Translate the messages in your replacement member.

   Instructions in the message table tell you how to identify variables, how to concatenate lines, and so on.
4. On the TABLE statement for the translated messages:
   - Identify the language you are using through the LANGUAGE parameter.
   - Specify the DEFAULT parameter. (For example, to display CA Bundl messages in French by default, specify TABLE BUNDLTAB LANGUAGE=FRENCH DEFAULT.)
5. On the TABLE statement for the English-version messages, remove the DEFAULT parameter.
6. Identify your replacement member to CA-L-Serv.

Note: Some CA-L-Serv messages can be displayed in the client application's logs. If you translate a client application's messages, you should also translate CA-L-Serv's messages.

Load Replacement Messages

CA-L-Serv loads message tables at start-up time. This means that messages you replace while CA-L-Serv is running will not take effect until you restart CA-L-Serv. However, you can use a CA-L-Serv command to make a set of replacement messages take effect immediately.

To make CA-L-Serv immediately load and begin using a set of replacement messages, issue the following command:

```
MSGTABLE    member
```

In place of *member*, substitute the name of the PDS member containing the replacement messages.

Display Information about Message Tables

To display information about each message table (original or replacement) for CA-L-Serv or for client applications, issue this command:

```
DISPLAY    MSGTABLE
```

CA-L-Serv displays information in message LDM0422I. For each message table, CA-L-Serv displays a name, language, and number of messages per table or language.

List of LDM Messages

The following messages can be issued by the file server, communications server, SQL server, scheduler, or CA-L-Serv's kernel.

LDM0011E

(*location*) Unbalanced parentheses

Reason:

The command contains unmatched parentheses.

Action:

Review CA-L-Serv's message log and use the information provided in [*location*] to identify the error. When issued at CA-L-Serv startup rather than as a response to a console command, messages LDM083E, LDM084E and LDM085E are also displayed and provide additional information.

LDM0012E

(*location*) Misquoted text string - quote missing or not allowed

Reason:

The command contains unmatched quotes.

Action:

Review CA-L-Serv's message log and use the information provided in [*location*] to identify the error. When issued at CA-L-Serv startup rather than as a response to a console command, messages LDM083E, LDM084E and LDM085E are also displayed and provide additional information.

LDM0013E

(*location*) Parentheses not expected

Reason:

The command contains misplaced parentheses.

Action:

Review CA-L-Serv's message log and use the information provided in [*location*] to identify the statement in error. When issued at CA-L-Serv startup rather than as a response to a console command, messages LDM083E, LDM084E and LDM085E are also displayed and provide additional information.

LDM0014L

System logic error - *code*

Reason:

The command member invoked at CA-L-Serv startup contains inconsistent data.

Action:

Review CA-L-Serv's message log to identify the statement(s) in error. Messages LDM083E, LDM084E and LDM085E are also displayed and provide additional information. Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM0015E

Error near (*location*): Extraneous parameter *xxxx* - ignored

Reason:

The command contains the invalid parameter *xxxx*.

Action:

Review CA-L-Serv's message log and use the information provided in [*location*] to identify the error. When issued at CA-L-Serv startup rather than as a response to a console command, messages LDM083E, LDM084E and LDM085E are also displayed and provide additional information.

LDM0016E

Unrecognized keyword *xxxx*

Reason:

One of the command members invoked at CA-L-Serv startup contains an invalid keyword.

Action:

Review CA-L-Serv's message log to identify the error. Restart CA-L-Serv after correcting the problem. When issued at CA-L-Serv startup rather than as a response to a console command, messages LDM083E, LDM084E and LDM085E are also displayed and provide additional information.

LDM0017E

Keyword *xxxx* specified more than once

Reason:

A statement executed at CA-L-Serv startup contains an invalid repetition of keyword *xxxx*.

Action:

Review CA-L-Serv's message log to identify the error. When issued at CA-L-Serv startup rather than as a response to a console command, messages LDM083E, LDM084E and LDM085E are also displayed and provide additional information.

LDM0018E

Keyword *xxxx* could be either keyword *yyyy* or keyword *zzzz* - ambiguous

Reason:

A CA-L-Serv command contains an abbreviated keyword that cannot be processed because it is ambiguous.

Action:

Reissue the command specifying the full form of the keyword.

LDM0019E

(*location*) Too many subparameters. Maximum allowed is *nn*. Excess parameters ignored.

Reason:

The command exceeds the maximum number of subparameters allowed for one of its keywords.

Action:

Review CA-L-Serv's message log and use the information provided in [*location*] to identify the error.

LDM0020E

(*location*) "*text*" exceeds maximum length(*nn*)

Reason:

The command specified a value that is in excess of the maximum length allowed.

Action:

Review CA-L-Serv's message log and use the information provided in [*location*] to identify the error. When issued at CA-L-Serv startup rather than as a response to a console command, messages LDM083E, LDM084E and LDM085E are also displayed and provide additional information.

LDM0021E

(*location*) "*text* " exceeds maximum value(*nn*)

Reason:

The value specified by the command is in excess of the maximum allowed.

Action:

Review CA-L-Serv's message log and use the information provided in [*location*] to identify the error. When issued at CA-L-Serv startup rather than as a response to a console command, messages LDM083E, LDM084E and LDM085E are also displayed and provide additional information.

LDM0022E

(*location*) "*text* " must be numeric

Reason:

The command specified a nonnumeric value where a numeric value was expected.

Action:

Review CA-L-Serv's message log and use the information provided in [*location*] to identify the error. When issued at CA-L-Serv startup rather than as a response to a console command, messages LDM083E, LDM084E and LDM085E are also displayed and provide additional information.

LDM0023E

(*location*) Unrecognized option - valid options are: *options*

Reason:

The command specified an invalid option. '*options*' specifies the list of valid options for the command.

Action:

Review CA-L-Serv's message log and use the information provided in [*location*] to identify the error. When issued at CA-L-Serv startup rather than as a response to a console command, messages LDM083E, LDM084E and LDM085E are also displayed and provide additional information.

LDM0024E

(*location*) Option "*xxxx* " ambiguous, could be either *option1* or *option2*

Reason:

The command specified an abbreviated option that could be '*option1*' or '*option2*'.

Action:

Review CA-L-Serv's message log and use the information provided in [*location*] to identify the error. When issued at CA-L-Serv startup rather than as a response to a console command, messages LDM083E, LDM084E and LDM085E are also displayed and provide additional information. Reissue the command specifying the full form of the option keyword.

LDM0025E

The *xxxx* parameter expects a number between *n1* and *n2*

Reason:

The value *xxxx* is numeric and must be comprised between minimum value *n1* and maximum value *n2.*

Action:

Reissue the command specifying a valid value for the parameter.

LDM0026E

The *xxxx* parameter expects a text string. Maximum length is *nn*

Reason:

The *xxxx* parameter must specify a text string with a maximum length of *nn*.

Action:

Reissue the command specifying a valid value for the parameter.

LDM0030E

(*location*) Missing required parameter *xxxx*

Reason:

Parameter *xxxx* is required for this command.

Action:

Review CA-L-Serv's message log and use the information provided in [*location*] to identify the error. When issued at CA-L-Serv startup rather than as a response to a console command, messages LDM083E, LDM084E and LDM085E are also displayed and provide additional information. Reissue the command specifying a valid value for the parameter.

LDM0031E

(*location*) *operand* range "*xxx*" invalid

Reason:

The first number you specified in a range is larger than the second number for that range.

Action:

Reissue the command specifying a valid range for the parameter.

LDM0032E

(*location*) *value* too small. Minimum value is *nnn.*

Reason:

The value *value* specified on the command is lower than the minimum required. The minimum permissible value is *nnn.*

Action:

Reissue the command specifying a valid value for the parameter.

LDM0033I

A number between *n1* and *n2* may also be specified

Reason:

The value can also be comprised between minimum *n1* and maximum *n2.*

Action:

Reissue the command specifying a valid value for the parameter.

LDM0034I

A text string, maximum length *nnn*, may also be specified

Reason:

A text string of maximum length *nnn* can also be specified.

Action:

Reissue the command specifying a valid value for the parameter.

LDM0035I

These options: *optionlist* may also be specified

Reason:

The options indicated by *optionlist* are also valid for the command.

Action:

Reissue the command specifying valid options.

LDM0036I

optionlist

Reason:

The options indicated by *optionlist* are valid for the command.

Action:

Reissue the command specifying valid options.

LDM0037E

Keyword *xxxx* must be specified

Reason:

Keyword *xxxx* must be specified for this command.

Action:

Reissue the command including keyword *xxxx*.

LDM0038E

Keywords *xxxx* and *yyyy* are mutually exclusive - specify only one

Reason:

Keywords *xxxx* and *yyyy* are mutually exclusive.

Action:

Reissue the command specifying only one of the mutually exclusive keywords.

LDM0039E

Specify at least one of these keywords: *keywords*

Reason:

At least one of the keywords specified by *keywords* must be specified when issuing the command.

Action:

Reissue the command specifying at least one of the keywords.

LDM0040E

The *xxxx* parameter expects a hex string. Maximum length is *nnn* bytes.

Reason:

The parameter indicated by *xxxx* must only contain characters 0-9 and A-F and its length must not exceed *nnn* bytes.

Action:

Reissue the command specifying a valid hex string.

LDM0060L

Logic error: MSG# *xx* issued by *csect* is invalid - not defined

Reason:

Message *xx* was not found in any of CA-L-Serv's message tables.

Action:

Make sure all message tables in their current versions are allocated to CA-L-Serv. If you have recently upgraded from a prior release, verify that the LSERVMSG message table in the LDMPARM data set was also upgraded.

Retain CA-L-Serv's logs and call CA Support.

LDM0061L

Logic error: MSG# *xx* issued by *csect* got bad WTO return code *xxxx*

Reason:

WTO in CSECT *csect* failed for message *xx* with a return code of *xxxx*.

Action:

Consult the relevant IBM documentation for an explanation of the return code. Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM0062L

Logic error: MSG# *xx* issued by *csect* has bad WTOR parameter list

Reason:

WTOR in CSECT *csect* failed for message *xx* because it was invoked with an invalid parameter list.

Action:

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM0063L

Logic error: MSG# *xx* issued by *csect* has no text

Reason:

Message *xx* does not have any text.

Action:

Make sure all message tables in their current versions are allocated to CA-L-Serv. If you have recently upgraded from a prior release, verify that the LSERVMSG message table in the LDMPARM data set was also upgraded.

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM0064E

Invalid line type *xx* on MSG statement - message *yy* discarded

Reason:

An invalid line type *xx* was specified for a multi-line message on the MSG statement.

Valid line types for multi-line messages are:

- C—control line
- D—data line
- L—label line
- E—end line

Action:

Refer to the CA-L-Serv *Command Reference* and the comments in the LSERVMSG message table provided in the CAI.CAIOPTN data set for a description of the syntax for the MSG statement.

LDM0065E

Syntax errors in message table - check message log

Reason:

The message table that CA-L-Serv attempted to read contains syntax errors.

Action:

This would happen after making changes to a message table (such as translating standard English messages to a different language). Check the syntax of the messages you modified. Retain the appropriate diagnostic information and call CA Support.

LDM0070E

xxxx* is ambiguous - could mean *yyyy* or *zzzz

Reason:

Abbreviated parameter *xxxx* is ambiguous. CA-L-Serv cannot process the command.

Action:

Reissue the command specifying one of the full-length values: *yyyy* or *zzzz*.

LDM0071E

Command *xxxx* not found - task may be inactive

Reason:

CA-L-Serv does not recognize command *xxxx*.

Action:

If the command was correctly spelled, use the DISPLAY command to verify that the target component is active: CA-L-Serv commands are only valid when the corresponding component is active.

LDM0072E

Unexpected positional operand *xxxx*

Reason:

Positional operand *xxxx* is not valid for the command.

Action:

Check the description of the command's syntax.

LDM0073E

No task named *xxxx* currently attached

Reason:

The corresponding CA-L-Serv component is not currently active.

Action:

Use the DISPLAY command to list the currently active components. After having determined why the target component was not active, you can issue the ATTACH command to activate it.

LDM0078E

Invalid operand for "L="

Reason:

Incorrect routing information was specified on a message definition

Action:

Correct the message definition and use the MSGTABLE command to refresh the copy of the message table in storage.

LDM0080I

Command from CONID *ucmid*: *command*

Reason:

CA-L-Serv command *command* was issued from console *ucmid*.

Action:

No action required. This message is informational.

LDM0081I

EXEC statement parms: *parameters*

Reason:

The message writes the values specified on the PARM parameter of the EXEC statement of CA-L-Serv's start-up procedure.

Action:

No action required. This message is informational.

LDM0082E

Parameter syntax error in EXEC card parm field

Reason:

CA-L-Serv is terminating due to a syntax error on the PARM parameter of the EXEC statement of CA-L-Serv's start-up procedure. Messages LDM0084E and LDM0085E identify the statement that contains the error.

Action:

Check the syntax for the PARM parameter.

LDM0083E

Command syntax error in command file statement

Reason:

CA-L-Serv is terminating because a command in CA-L-Serv's parameter data set contains a syntax error. Messages LDM0084E and LDM0085E identify the command that contains the error.

Action:

Check for additional messages in CA-L-Serv's message log.

LDM0084E

Text in error follows

Reason:

CA-L-Serv is terminating due to a syntax error on the PARM parameter of the EXEC statement of CA-L-Serv's start-up procedure. Messages LDM0084E and LDM0085E identify the statement that contains the error.

Action:

Check the syntax for the PARM parameter.

LDM0085E

text

Reason:

CA-L-Serv is terminating due to a syntax error on the PARM parameter of the EXEC statement of CA-L-Serv's start-up procedure. Messages LDM0084E and LDM0085E identify the statement that contains the error.

Action:

Check the syntax for the PARM parameter.

LDM0086E

DDname LDMCMND not found. Initialization parameters not processed.

Reason:

CA-L-Serv is terminating because it cannot find or access its parameter data set.

Action:

Add a DD statement for the CA-L-Serv parameter data set in the CA-L-Serv startup procedure (LSVPROC).

LDM0087E

Member *xxxx* not found in LDMCMND data set

Reason:

CA-L-Serv cannot find the specified member in its parameter data set. If this member is critical, CA-L-Serv terminates.

Action:

Verify that the member you specified in CA-L-Serv's start-up procedure is a member of the PDS allocated to DDN=LDMCMND. Verify that every INCLUDE statement in this member specify actual members of the PDS.

LDM0088E

Error during open processing. Initialization parameters not processed.

Reason:

CA-L-Serv is terminating because it encountered an error when trying to open its parameter data set. If this message follows message LDM0086E, it indicates a user error. Otherwise, it indicates an internal logic error.

Action:

Examine previous messages for information on what type of error occurred. If an internal logic error produced this message, retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM0089I

These statements input from member *xxxx*

Reason:

An entry in CA-L-Serv's parameter data set is too long. The maximum length of an entry is 800 bytes; additional characters are ignored. The last LDM0090I message identifies the statement containing the error.

Action:

Correct the entry in one of these ways:

- Eliminate unnecessary blanks in the entry.
- Specify the excess characters on a separate command.

LDM0090I

statement

Reason:

An entry in CA-L-Serv's parameter data set is too long. The maximum length of an entry is 800 bytes; additional characters are ignored. The last LDM0090I message identifies the statement containing the error.

Action:

Correct the entry in one of these ways:

- Eliminate unnecessary blanks in the entry.
- Specify the excess characters on a separate command.

LDM0091E

Too many continuations - excess discarded

Reason:

An entry in CA-L-Serv's parameter data set is too long. The maximum length of an entry is 800 bytes; additional characters are ignored. The last LDM0090I message identifies the statement containing the error.

Action:

Correct the entry in one of these ways:

- Eliminate unnecessary blanks in the entry.
- Specify the excess characters on a separate command.

LDM0092I

OK

Reason:

Acknowledges successful processing of an operator's action.

Action:

No action required. This message is informational.

LDM0093E

Command *xxxx* is valid only during initialization - issue from LDMPARM or start-up proc

Reason:

The command can only be issued at CA-L-Serv start-up.

Action:

If the changes to CA-L-Serv's current configuration must be implemented immediately, terminate and restart CA-L-Serv. Otherwise make the necessary changes to LDMPARM or the start-up proc so that they will be implemented the next time CA-L-Serv is recycled.

LDM0094E

More input expected after *text*

Reason:

The command is incomplete.

Action:

Refer to the description of the command's syntax.

LDM0097E

Member name missing on INCLUDE statement

Reason:

An INCLUDE statement in LDMPARM does not specify a member name.

Action:

Check the INCLUDE statements in each LDMPARM member.

LDM0098I

Resuming input from member *xxxx*

Reason:

CA-L-Serv finished reading the member named on an INCLUDE statement and will begin to read the member named *xxxx* again.

Action:

No action required. This message is informational.

LDM0100I

CA-L-Serv initialization complete

Reason:

Signals that CA-L-Serv is ready to process requests from client applications.

Action:

No action required. This message is informational.

LDM0101E

CA-L-Serv abend *code* at *displacement* in *module*, PSW: *word*

Reason:

One of CA-L-Serv's components has abended. In most cases, CA-L-Serv's recovery routines will ensure that the region and its subtasks will remain active after performing necessary clean up.

Action:

Look up the abend code in the *System Codes* manual for your version of MVS. If you are unable to determine the cause of the error, gather the appropriate diagnostic information (symptom dump, abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM0102I

CA-L-Serv termination request accepted

Reason:

Acknowledgment of a SHUTDOWN command. CA-L-Serv will terminate.

Action:

No action required. This message is informational.

LDM0103I

CA-L-Serv has terminated

Reason:

CA-L-Serv shutdown has completed.

Action:

No action required. This message is informational.

LDM0104E

CA-L-Serv is terminating due to bad initial parameters in LDMPARM or start-up proc

Reason:

A syntax error in the LDMPARM command members or the start-up procedure has prevented CA-L-Serv form initializing successfully. CA-L-Serv terminates.

Action:

Review CA-L-Serv's message log to identify the statement in error.

LDM0105E

CA-L-Serv abend during termination *code* at *displacement* in *module*, PSW: *word*

Reason:

An ESTAE routine within CA-L-Serv experienced an abend while trying to perform error recovery processing.

Action:

Look up the abend code in the *System Codes* manual appropriate for your version of MVS. If you are unable to determine the cause of the error, gather the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM0106E

CA-L-Serv already active with subsystem *ssname* - unique subsystem name required

Reason:

A CA-L-Serv region with subsystem name *ssname* is already active on the system. CA-L-Serv terminates.

Action:

Determine why a second region with the same subsystem name was started on the same system.

LDM0107L

CA-L-Serv Interface error. Function: *task*, RC=*code*

Reason:

An internal error has occurred.

Action:

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM0110E

Release incompatibility detected. *component* is at level *x* while CA-L-Serv is at level *y*.

Reason:

The code executing in *component* and CA-L-Serv are not at the same release level and are incompatible.

Action:

Ensure that *component* came from the same release or PTF tape as the version of CA-L-Serv that you are running.

LDM0128L

CA-L-Serv is terminating due to bad internal defaults

Reason:

CA-L-Serv's default initialization values are in error.

Action:

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM0131E

GETMAIN error in module *modname* +*displacement*; R15=*code*

Reason:

CA-L-Serv experienced an error while trying to obtain storage.

Action:

Look up the return code in the appropriate manual for your version of MVS. You may need to increase the size of CA-L-Serv's region. If you cannot determine the cause of the error, gather the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM0132E

FREEMAIN error in module *modname* +*displacement*; R15=*code*

Reason:

CA-L-Serv experienced an error while trying to free storage.

Action:

Look up the return code in the appropriate manual for your version of MVS. If you cannot determine the cause of the error, gather the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM0133I

SVC dump not requested for CA-L-Serv abend; SVCDUMP=NO specified

Reason:

CA-L-Serv's recovery code is designed to take optional SVC dumps to assist in diagnosing potential problems. The message indicates that the SVC dump option is not active.

Action:

Look for other messages which may help determine the cause of the problem and why CA-L-Serv abended. You should probably reset the SVCDUMP option to YES to gather appropriate diagnostic data in the event of a reoccurrence.

LDM0134I

SVC dump not requested for CA-L-Serv abend; ESTAE specified no dump

Reason:

CA-L-Serv's recovery routines were unable to capture a dump.

Action:

Look for other messages which may help determine the cause of the problem and why CA-L-Serv abended.

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM0135E

I/O error on log data set - log processing terminated - will use system log

Reason:

One of CA-L-Serv's log data sets has been disabled due to an I/O error. CA-L-Serv will route the messages concerning this log data set to the system log until the problem is corrected.

Action:

Review CA-L-Serv's logs and the system log to determine the cause of the I/O error. For more information, see the IEC*xxxx* messages in CA-L-Serv's job log or the system log.

LDM0141I

CA-L-Serv Sessions

Reason:

These messages display the internal sessions active for a CA-L-Serv region.

Action:

No action required. These messages are informational.

LDM0142I

Client System File SQL Commserver

Reason:

These messages display the internal sessions active for a CA-L-Serv region.

Action:

No action required. These messages are informational.

LDM0143I

client system file sql Commserver

Reason:

These messages display the internal sessions active for a CA-L-Serv region.

Action:

No action required. These messages are informational.

LDM0195I

***command* command is complete**

Reason:

CA-L-Serv has successfully processed the command.

Action:

No action required. This message is informational.

LDM0196I

***command* command is complete**

Reason:

CA-L-Serv has successfully processed the command.

Action:

No action required. This message is informational.

LDM0197L

***xxxx* command abended**

Reason:

CA-L-Serv abended while processing command *xxxx*.

Action:

Gather the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM0199E

CA-L-Serv library not APF authorized - terminating

Reason:

While trying to initialize, CA-L-Serv detected that it was not running APF authorized.

Action:

Check that the CA-L-Serv loadlib is APF authorized, making sure that the dsname and the volser in the APFlist are spelled correctly. Check the link-edit attributes of the modules in the CA-L-Serv loadlib. Most CA-L-Serv modules need to have been link-edited with an authorization code of 1—AC(1).

LDM0310I

Processing LCOMINIT for APPL=*productid*, QUALIFIER=*sysid*

Reason:

A client application is initializing a session with the communications server.

Action:

No action required. This message is informational.

LDM0311I

LCOMINIT is implicitly defining APPL=*productid*, QUALIFIER=*sysid*

Reason:

The communications server is creating internal definitions for a client application.

Action:

No action required. This message is informational.

LDM0312L

Error attempting to define APPL=*productid,* QUALIFIER=*sysid*

Reason:

The communications server encountered an error while attempting to create internal definitions for client application *productid* executing on system - *sysid.*

Action:

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM0313I

LCOMINIT failed for duplicate APPL=*productid*, QUALIFIER=*sysid*

Reason:

The communications server attempted to create internal definitions for client application *productid* that is already active on system *sysid*.

Action:

Look for error messages issued by the client application. Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call the client application's CA Support.

LDM0314I

LCOMINIT failed - RC=*code*

Reason:

The communications server attempted to create internal definitions for a client application but the attempt failed.

Action:

Look for error messages issued by the client application. Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call the client application's CA Support.

LDM0315I

LCOMINIT failed: insufficient storage

Reason:

CA-L-Serv was unable to acquire the storage necessary to create a new communications server application.

Action:

Look for error messages issued by the client application. Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call the client application's CA Support.

LDM0316I

Processing LCOMSHUT for ASCB=*address*, ASID=*address*

Reason:

A client application terminated before ending its session with the communications server.

Action:

No action required. The communications server will perform clean up for the client application.

LDM0317I

Processing LCOMSHUT for APPL=*productid*, QUALIFIER=*sysid*

Reason:

A client application is ending its session with the communications server.

Action:

No action required. This message is informational.

LDM0318I

LCOMSHUT from APPL=*productid*, QUALIFIER=*sysid* ignored: application is not currently active

Reason:

A client application attempted to terminate a session with an application on another system but that application is not active.

Action:

No action required. This message is informational.

LDM0319I

BCA received from CommServer system *sysid*

Reason:

The communications server regularly broadcasts service messages to all his partners in the complex. This message is issued when the local communications server receives a broadcast message from the communications server running on system *sysid*.

Action:

No action required. This message is informational.

LDM0320L

BCA received from inactive or undefined CommServer system at *applid*

Reason:

The local communications server received a broadcast from an undefined communications server or a communications server that had been marked inactive.

Action:

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM0321L

Unable to acquire storage in *module* at + *displacement,* R15=*code*

Reason:

CA-L-Serv failed to acquire storage.

Action:

Identify the cause for the failure using the value in R15 and the relevant IBM documentation. If this does not result from a more general storage problem on the z/OS system, collect the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM0324L

LCMBUF unable to locate send request block for APPL=*productid*, QUALIFIER=*sysid*

Reason:

The communications server encountered an internal logic error.

Action:

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM0327I

APPL=*productid,* QUALIFIER=*sysid* is drained

Reason:

The communication server session for client application *productid* executing on system *sysid* has terminated.

Action:

No action required. This message is informational.

LDM0328I

APPL=*productid,* QUALIFIER=*sysid* put on hold: exceeded HOLDBUF limit

Reason:

A client application is already using all its available transmission buffers. Incoming data is rejected until the client application receives the buffers' contents.

Action:

If this occurs on a fairly frequent basis, you may need to increase the HOLDBUF value specified when the communications server is activated. You may also need to increase the number of buffers specified through the SENDLIMIT keyword of the ATTACH command.

LDM0331L

Getmain error in module *xxxx* at + *displacement,* R15=*code*

Reason:

CA-L-Serv failed to acquire storage.

Action:

Identify the cause for the failure using the value in R15 and the relevant IBM documentation. After ruling out a more general storage problem on the z/OS system, collect the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM0332I

APPL=*productid*, QUALIFIER=*sysid* deactivated by LCOMSHUT request

Reason:

A client application is ending its session with the communications server.

Action:

No action required. This message is informational.

LDM0333I

APPL=*productid*, QUALIFIER=*sysid* deactivated at end of memory

Reason:

The client application *productid* executing on system *sysid* has terminated.

Action:

No action required. This message is informational.

LDM0334I

Session ended between *source* and *target*

Reason:

A communications server session between *source* and *target* has terminated.

Action:

No action required. This message is informational.

LDM0337I

Broadcast queued to *sysid*

Reason:

The communications server regularly broadcasts service messages to all his partners in the complex. This message is issued when the local communications server queues a broadcast message bound for the communications server running on system *sysid*.

Action:

No action required. This message is informational.

LDM0338I

Broadcast queued to all active systems

Reason:

The communications server regularly broadcasts service messages to all his partners in the complex. This message is issued when the local communications server queues a broadcast message bound for all active systems in the complex.

Action:

No action required. This message is informational.

LDM0341I

CommServer VTAM task initializing

Reason:

The VTAM component of the communications server is initializing.

Action:

No action required. This message is informational.

LDM0342I

CommServer VTAM task terminating

Reason:

The VTAM component of the communications server is terminating.

Action:

No action required. This message is informational.

LDM0354E

Error during *VTAMaction* to *route*, CODE=*code* RTNCD=*code* FDB2=*code* SSEI=*code* SSMI=*code* USNSI=*code* CNTDC=*code* ROUTCDE=*code*

Reason:

VTAM reported a communication error on the named route. The codes reflect VTAM values, returned from the RPL.

Action:

The message names the route where the error occurred. Use the DISPLAY ACTIVE and DISPLAY ROUTES commands on both CA-L-Serv nodes involved to check the status of the Communication Server and the communications routes. Note that in many instances this message does not signal a functional problem with CA-L-Serv. It may only signal that a partner of the local communications server is shutting down, inactive or has not yet initialized.

Refer to the appropriate IBM manuals relevant to your environment for a full discussion of the VTAM action and the return codes displayed as part of the message.

LDM0355E

Error during APPCCMD RPL6REQ=*code* RCPRI=*code* RCSEC=*code* ROUTCDE=*code*

Reason:

VTAM reported a communication error within an LU6.2 session. The codes reflect VTAM values, returned from the RPL.

Action:

The message names the route where the error occurred. Use the DISPLAY ACTIVE and DISPLAY ROUTES commands on both CA-L-Serv nodes involved to check the status of the Communication Server and the communications routes. Note that in many instances this message does not signal a functional problem with CA-L-Serv. It may only signal that a partner of the local communications server is shutting down, inactive or has not yet initialized.

Refer to the appropriate IBM manuals relevant to your environment for a full discussion of the return codes displayed as part of the message.

LDM0400I

CA-L-Serv DISPLAY command

Reason:

These introductory messages are displayed in response to any successful DISPLAY command. They are also a reminder of the release and maintenance level of CA-L-Serv currently running. They are followed by messages that are specific to the requested display.

Action:

No action required. These messages are informational.

LDM0401I

release maintlevel

Reason:

These introductory messages are displayed in response to any successful DISPLAY command. They are also a reminder of the release and maintenance level of CA-L-Serv currently running. They are followed by messages that are specific to the requested display.

Action:

No action required. These messages are informational.

LDM0402I

CA-L-Serv version -

Reason:

These introductory messages are displayed in response to any successful DISPLAY command. They are also a reminder of the release and maintenance level of CA-L-Serv currently running. They are followed by messages that are specific to the requested display.

Action:

No action required. These messages are informational.

LDM0403I

CA-L-Serv initialization parameters -

```
LDM0010I  MEMBER=member
LDM0010I  REUSE=value
LDM0010I  SSNAME=ssname
LDM0010I  SYSNAME=sysname
```

Reason:

These messages display the current values of the following parameters, which are set in CA-L-Serv's start-up procedure:

MEMBER

Identifies the member that CA-L-Serv is using as its source of start-up commands.

REUSE

Indicates whether CA-L-Serv is reusing common intercepts and storage.

SSNAME

Displays the subsystem name being used by CA-L-Serv.

SYSNAME

Displays the name assigned to the local system.

Action:

No action required. These messages are informational.

LDM0404I

CA-L-Serv options -

```
LDM0010I  SVCDUMP=value?
LDM0010I  TRACE=value
```

Reason:

These messages display the current values of the following operands of the OPTIONS command:

SVCDUMP

Indicates whether CA-L-Serv generates an SVC dump if an error occurs in its address space.

TRACE

Indicates whether CA-L-Serv's trace feature is active or inactive.

Action:

No action required. These messages are informational.

LDM0410I

CA-L-Serv subsystem interface table -

```
Name     Status   SSCTUSE   SSCTSUS2   SSCTSSVT
ssname   status   address   address    address
```

Reason:

These messages display information about subsystems and are CA-L-Serv's response to the DISPLAY SSNAME command. The name, status, and associated control block addresses are shown for each subsystem. Message LDM0412I is repeated for all subsystems defined to the z/OS system.

Action:

No action required. These messages are informational.

LDM0413I

No subsystems found

Reason:

There are no messages currently defined to the z/OS system.

Action:

No action required. This message is informational.

LDM0417I

DISPLAY command is complete

Reason:

This message signals that CA-L-Serv has successfully completed the requested display.

Action:

No action required. This message is informational.

LDM0418E

Dynamic allocation of *ddname* dataset failed; R15=*code1*, error code=*code2*, info *code=code3*

Reason:

CA-L-Serv was unable to allocate data set *ddname.*

Action:

Look up the codes shown in this message in the section on SVC 99 return codes in the appropriate manual for your version of MVS. Possible causes may include a dsname that is misspelled, or a data set already allocated to another task or user.

LDM0420I

CA-L-Serv active tasks -

Reason:

These messages are CA-L-Serv's response to the DISPLAY TASKS command. Message LDM0421I is repeated for each active task.

Action:

No action required. These messages are informational.

LDM0421I

task

Reason:

These messages are CA-L-Serv's response to the DISPLAY TASKS command. Message LDM0421I is repeated for each active task.

Action:

No action required. These messages are informational.

LDM0422I

CA-L-Serv message tables -

Reason:

These messages show the names of CA-L-Serv's message tables, the languages they support, and the number of messages per table and language. An asterisk (*) before a language identifies the default language for a message table.

Action:

No action required. This message is informational.

LDM0423I

Table Language Msg count

Reason:

These messages show the names of CA-L-Serv's message tables, the languages they support, and the number of messages per table and language. An asterisk (*) before a language identifies the default language for a message table.

Action:

No action required. This message is informational.

LDM0424I

name language nnnnn

Reason:

These messages show the names of CA-L-Serv's message tables, the languages they support, and the number of messages per table and language. An asterisk (*) before a language identifies the default language for a message table.

Action:

No action required. This message is informational.

LDM0425I

CA-L-Serv storage usage-

Reason:

These messages display storage information for CA-L-Serv:

Buffsize

Contains the size of a storage block (in bytes).

Allocated

Contains the number of blocks allocated.

Bytes

Contains the total storage for blocks of this size.

Usage

Contains the number of times this size storage block was used.

Action:

No action required. This message is informational.

LDM0426I

Buffsize Allocated Bytes Usage

Reason:

These messages display storage information for CA-L-Serv:

Buffsize

Contains the size of a storage block (in bytes).

Allocated

Contains the number of blocks allocated.

Bytes

Contains the total storage for blocks of this size.

Usage

Contains the number of times this size storage block was used.

Action:

No action required. This message is informational.

LDM0427I

nnn nnn nnn nnn

Reason:

These messages display storage information for CA-L-Serv:

Buffsize

Contains the size of a storage block (in bytes).

Allocated

Contains the number of blocks allocated.

Bytes

Contains the total storage for blocks of this size.

Usage

Contains the number of times this size storage block was used.

Action:

No action required. This message is informational.

LDM0450E

Attach failed for module *xxxx*

Reason:

An installation error or short-on-storage condition may have occurred.

Action:

Look for an z/OS IEA*xxxxx* or IEF*xxxxx* message or a dump and retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM0451E

Task *xxxx* on ATTACH or DETACH command is not defined

Reason:

The task specified on the ATTACH or DETACH command is not valid.

Action:

Reissue the command specifying a valid task name.

LDM0452E

subtask is already active

Reason:

The task *subtask* has already been activated through a prior ATTACH command.

Action:

Review CA-L-Serv's message logs and determine why the subtask is already active.

LDM0453E

taskname* is ambiguous - could mean *xxxx* or *yyyy

Reason:

The truncation for a task name is invalid. CA-L-Serv cannot determine which of the two tasks is being referred to.

Action:

Reissue the command, specifying the full task name.

LDM0454E

***task* is permanent - cannot be attached or detached**

Reason:

You attempted to ATTACH or DETACH a task that is part of the CA-L-Serv kernel. These tasks are automatically initialized at CA-L-Serv start-up and remain active until CA-L-Serv is shut down. They cannot be ATTACHed or DETACHed.

Action:

Use the ATTACH and DETACH commands only for relevant tasks such as the file server or the communications server.

LDM0455E

***task* is not currently installed**

Reason:

An internal error occurred in the CA-L-Serv kernel.

Action:

Collect the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM0475E

Requested task is not active

Reason:

An attempt was made to DETACH a task that is not currently active.

Action:

Determine why the task is not active. Issue the DISPLAY ACTIVE command to determine which tasks are currently active in the CA-L-Serv region. If the task should have been active, review CA-L-Serv's logs and look for prior error messages and determine why the task is no longer active.

LDM0476E

Load failed for module *xxxx* - command terminated

Reason:

An installation error or short-on-storage condition may have occurred.

Action:

Look for a z/OS IEA*xxxxx* or IEF*xxxxx* message or a dump and retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM0477E

function* abended, completion code *xxxx

Reason:

The specified function has abended. CA-L-Serv requests a dump if SVCDUMP(YES) was specified. If possible, CA-L-Serv continues without the function.

Action:

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM0500I

File server task is now active

Reason:

The File Server has successfully completed initialization.

Action:

No action required. This message is informational.

LDM0501I

File server task is now inactive

Reason:

The File Server has terminated.

Action:

No action required. This message is informational.

LDM0502E

Allocation failed for *ddname* - dsname required

Reason:

An ADDFILE command for file *ddname* failed because the command did not specify a dsname.

Action:

Reissue the command specifying a valid dsname.

LDM0503I

***ddname* successfully added**

Reason:

An ADDFILE command for file *ddname* completed successfully. The data set is now allocated to the CA-L-Serv region.

Action:

No action required. This message is informational.

LDM0504E

ddname* is already allocated to *dsname

Reason:

An ADDFILE command for file *ddname* specified a *dsname* that is already allocated to this same dsname.

Action:

Use the DISPLAY DATA command to list data sets currently allocated to CA-L-Serv.

Review CA-L-Serv's logs to determine why the data set is currently allocated to CA-L-Serv and if a prior REMOVEFILE command failed to de-allocate the data set.

If any operational problems are detected, retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM0505E

Unsupported data set organization (*dsorg*)

Reason:

An ADDFILE command was issued against a non-VSAM data set. CA-L-Serv does not support the file organization shown in *dsorg*. (This value is shown as four hexadecimal digits taken from the dynalloc control block.)

Action:

Reissue the ADDFILE command specifying a VSAM file.

LDM0506E

***component* is already active**

Reason:

An attempt was made to activate a component of CA-L-Serv through an ATTACH command but the component is already active.

Action:

No action required. This is only CA-L-Serv's response when an attempt is made to activate a second file server or communications server in a given CA-L-Serv region.

LDM0507L

Invalid file server request - code=*xxxx* address=*yyyy*

Reason:

A file server request could not be serviced because the function code was invalid. An installation error may have occurred. Request type *xxxx* and address *yyyy* are displayed to help determine the cause of the problem.

Action:

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM0508E

File server request failed - code=*xx* RC=*yy* reason=*zz*

Reason:

The file server could not service the request because context information was missing or invalid. The values displayed as part of the message will help CA Support determine the cause of the problem.

Action:

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM0509E

Open failed for *ddname* - error=*code*

Reason:

An error occurred while VSAM was processing an OPEN request for the specified *ddname*. (Another job or task may be using this data set.) The file is marked as ERROR in the database display and cannot be used until the error is corrected.

Action:

Look up the error code in the appropriate VSAM macro reference manual and correct the error. Then use the OPENFILE command to make the file available.

LDM0510E

VSAM error for *ddname* code=*code1* R15=*code2* FDBWD=*code*

Reason:

An error occurred following a VSAM open for the specified *ddname*. **Code1** represents the VSAM function, which was invoked when the error occurred while **code2** and **code** respectively indicate the return-code and the feedback code upon returning from VSAM.

Action:

Look up the return-code and feedback code in the appropriate VSAM macro reference manual and correct the error. Then use the OPENFILE command to make the file available.

LDM0511L

Abend processing request - code=*xxxx* address=*xxxx*

Reason:

The file server experienced an abend while it serviced a request. The request is suspended and an SVC dump is requested. The message is issued while the file server is attempting to recover from the abend.

Action:

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM0512I

Buffer pool *nn* successfully built

Reason:

CA-L-Serv successfully processed a request to create shared VSAM buffer pool *nn.*

Action:

No action required. This message is informational.

LDM0513E

Buffer pool *nn* already exists

Reason:

An attempt was made to create shared buffer pool *nn* that had already been defined to VSAM through a prior ADDPOOL command.

Action:

Use the DISPLAY BUFFER command to list the currently defined shared buffer pools. Review CA-L-Serv's logs to determine when the buffer pool was defined.

LDM0519E

Unable to build buffer pool *nn* - RC=*code*

Reason:

A VSAM error occurred when CA-L-Serv tried to build a buffer pool.

Action:

Look up the value for *code* in your VSAM macro reference manual (macro BLDVRP). Usually, a shortage in storage space (RC=8) causes this problem. If so, reduce the number of buffers in the pool or increase the value for the REGION parameter in CA-L-Serv's start-up procedure.

LDM0521E

File server request failed - function=*xxxx* ddname=*ddname* return code=*yyyy* reason code=*zzzz*

Reason:

A file server request failed for ddname *ddname***.** The function being performed by the File Server is represented by a two-digit (*xx*) value, which is usually of interest only for CA Support. However, values 0-5 are reserved for I/O requests and are consistent with the VSAM terminology found in the RPLREQ field of the RPL macro - 0=GET, 1=PUT and so on. A number of other function codes correspond to internal requests, which fall outside the scope of this manual.

Action:

See the information on the applicable return and reason codes.

If necessary retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM0522I

File server managed databases -

Reason:

These messages display information for all managed files in response to the DISPLAY DATABASE command.

For each file, CA-L-Serv displays:

- The file's ddname and dsname.
- Options set on the ADDFILE command, such as the VSAM buffer pool or log that the file is using.
- The file's current status. One or more of the following values can appear:
  - OPEN—The file is currently available for use.
  - CLOSE—The file has been made unavailable by the CLOSEFILE command. All requests for the file are denied.
  - HELD—The file has been made unavailable by the HOLDFILE command. All requests, except those from the LDMAMS utility, wait in a queue until a RELEASEFILE command is issued for the file.
  - DYNA—The data set was dynamically allocated by an ADDFILE command.
  - FAIL—LDM0509E or LDM0510E indicate the cause of the problem.

Action:

No action required. These messages are informational.

LDM0523I

Ddname Dsname/Options/Status

Reason:

These messages display information for all managed files in response to the DISPLAY DATABASE command.

For each file, CA-L-Serv displays:

- The file's ddname and dsname.
- Options set on the ADDFILE command, such as the VSAM buffer pool or log that the file is using.
- The file's current status. One or more of the following values can appear:
  - OPEN—The file is currently available for use.
  - CLOSE—The file has been made unavailable by the CLOSEFILE command. All requests for the file are denied.
  - HELD—The file has been made unavailable by the HOLDFILE command. All requests, except those from the LDMAMS utility, wait in a queue until a RELEASEFILE command is issued for the file.
  - DYNA—The data set was dynamically allocated by an ADDFILE command.
  - FAIL—LDM0509E or LDM0510E indicate the cause of the problem.

Action:

No action required. These messages are informational.

LDM0524I

ddname dsname status

Reason:

These messages display information for all managed files in response to the DISPLAY DATABASE command.

For each file, CA-L-Serv displays:

- The file's ddname and dsname.
- Options set on the ADDFILE command, such as the VSAM buffer pool or log that the file is using.
- The file's current status. One or more of the following values can appear:
  - OPEN—The file is currently available for use.
  - CLOSE—The file has been made unavailable by the CLOSEFILE command. All requests for the file are denied.
  - HELD—The file has been made unavailable by the HOLDFILE command. All requests, except those from the LDMAMS utility, wait in a queue until a RELEASEFILE command is issued for the file.
  - DYNA—The data set was dynamically allocated by an ADDFILE command.
  - FAIL—LDM0509E or LDM0510E indicate the cause of the problem.

Action:

No action required. These messages are informational.

LDM0525I

***ddname* is not a managed ddname**

Reason:

A command such as REMOVEFILE or DISPLAY DATA specified ddname *ddname* that is not currently under CA-L-Serv's control.

Action:

Use the DISPLAY DATA command to list all data sets currently under CA-L-Serv's control. If appropriate, reissue the command specifying the correct ddname.

LDM0526I

File server options -

```
LDM0010I        BUFFERSIZE=bytes
LDM0010I        COMMSERVERSSN=ssname
LDM0010I        MAXDORM=seconds
LDM0010I        SERVERTYPE=type
```

Reason:

These messages are displayed in response to the DISPLAY TASK(FILESERVER),OPTIONS command.

- The *bytes* variable represents the size of the server's data buffer.
- The *ssname* variable represents the subsystem name for the copy of the communications server that CA-L-Serv is using.
- The *seconds* variable represents the maximum number of seconds CA-L-Serv waits to write a buffer to disk after the last deferred write request was issued.

One of the following values appears on SERVERTYPE:

- HOST—This host file server handles all requests for access to files that CA-L-Serv is managing. Requests from remote servers are forwarded through the communications server.
- LOCAL—This local file server handles requests only from the local system. Requests from remote servers are not handled.
- REMOTE—This remote file server forwards access requests for files to your host server. Requests are forwarded through the communications server.

Action:

No action required. These messages are informational.

LDM0527I

***xxx* is not a file group**

Reason:

An attempt was made to refer to file group *xxx* but the file group does not exist.

Action:

Refer to the information on file groups and the commands that allow the monitoring of file groups.

LDM0528E

File server not available - try again later

Reason:

The file server is currently inactive.

Action:

Take one or more of these actions:

- See if the file server was started on the local system or if someone stopped it after the on-line session began. If so, restart the file server.
- See if the file server became disabled because it could not open a required file. If so, correct the error and restart the file server.
- Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call the client application's CA Support.

LDM0529I

***ddname* is no longer held**

Reason:

A RELEASEFILE command against file *ddname* was successfully processed by CA-L-Serv.

Action:

No action required. The file is now available to users and jobs.

LDM0530I

***ddname* is now closed**

Reason:

A CLOSEFILE command against file *ddname* was successfully processed by CA-L-Serv.

Action:

No action required. The file is unavailable to users and jobs until it is reopened by an OPENFILE command.

LDM0531I

***ddname* is now open and ready for use**

Reason:

An OPENFILE command against file *ddname* was successfully processed by CA-L-Serv.

Action:

No action required. The file is now available to users and jobs.

LDM0532I

***ddname* has been removed**

Reason:

A REMOVEFILE command against file *ddname* was successfully processed by CA-L-Serv.

Action:

No action required. The file is de-allocated from CA-L-Serv and is now available to other jobs.

LDM0533I

***ddname* is now held**

Reason:

A HOLDFILE command against file *ddname* was successfully processed by CA-L-Serv.

Action:

No action required. The file is now unavailable to users and jobs.

LDM0534I

***ddname* is not a managed ddname**

Reason:

A file management command, such as OPENFILE or CLOSEFILE, referred to file *ddname* but the file is not currently under CA-L-Serv's management.

Action:

Use the DISPLAY DATA command to list all data sets currently managed by CA-L-Serv. Determine why the ddname specified on the command does not correspond to a file under CA-L-Serv's management.

LDM0535E

Error in file *ddname*: Attribute *xxxx* must be the same for all files in a file group

Reason:

All files in a file group must share certain attributes such as logical record length, key length and key offset (for KSDS files).

Action:

Refer to the discussion of file groups and their characteristics.

LDM0536E

POOL operand required if OPTION(DEFER) is specified

Reason:

VSAM deferred writes are only available to LSR data sets. Because no buffer pool was specified on the ADDFILE command CA-L-Serv will attempt to open the data set NSR.

Refer to the CA-L-Serv sections of the *Administration Guide* and *Reference Guide* and to the IBM manual *z/OS DFSMS Using Data Sets* for a discussion of NSR and LSR restrictions as well as information about private and shared buffer pools.

Action:

Specify a valid buffer pool on the ADDFILE command and reissue the command. If no suitable buffer pool exists for the data set use the ADDPOOL command to define the buffer pool.

LDM0537E

Unknown buffer pool *nn* - probably not defined yet

Reason:

A buffer pool specified on an ADDFILE command does not exist.

Action:

Review CA-L-Serv's logs to determine why the buffer pool does not exist and whether a prior ADDPOOL command failed. If the ADDPOOL command failed determine the cause of the error and reissue the command after correcting the problem.

If the error cannot be corrected or if any operational problems are detected, retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM0539I

File *ddname* opened

Reason:

File **ddname** was successfully opened by the file server.

Action:

No action required. This message is informational.

LDM0545I

File *ddname* closed

Reason:

File *ddname* was successfully closed by the file server.

Action:

No action required. This message is informational.

LDM0546I

File server database statistics -

```
LDM0547I Ddname   PUT   SEQ GET   DIR GET   ERASE   RETRY
LDM0549I ddname    nn        nn        nn      nn      nn
LDM0550I [avg.    n.n       n.n       n.n     n.n     n.n]
```

Reason:

In response to the DISPLAY STATISTICS command, these messages display counts of VSAM file I/O activity, as follows:

Ddname

Contains the ddname of a managed file. If you specify a ddname on the DISPLAY command, CA-L-Serv displays information about that file only. Otherwise, it displays information about all managed files.

PUT

Contains the number of logical write requests issued for the data set.

SEQ GET

Contains the number of logical read requests issued for the data set in sequential mode.

DIR GET

Contains the number of random read requests issued for the data set.

ERASE

Contains the number of records deleted from the data set.

RETRY

Contains the number of I/O requests that had to be retried.

If you specify the SERVICE operand on the DISPLAY command, CA-L-Serv displays average service times (in milliseconds) in message LDM0550I.

Action:

No action required. These messages are informational.

LDM0552I

File server buffer pools -

```
LDM0553I Pool   Size   Count   BFRFND   BUFRDS   UIW   NUIW
LDM0554I nn       nn      nn       nn       nn    nn     nn
```

Reason:

In response to the DISPLAY BUFFER command, these messages display information about LSR buffer pools, as follows:

Pool

Contains the number assigned to a buffer pool.

Size

Contains the size (in bytes) of one set of buffers in the pool.

Count

Contains the number of buffers of a given size contained in the pool.

BFRFND

Contains the number of read requests that could be satisfied without an I/O operation because VSAM found the data in a buffer.

BUFRDS

Contains the number of times VSAM had to bring data into a buffer.

UIW

Contains the number of user-initiated write (PUT) requests.

NUIW

Contains the number of write requests initiated by VSAM buffer management. These are write operations that VSAM was forced to do because no buffers were available for reading the contents of a control interval.

Refer to the IBM manual *Using Data Sets* relevant to your level of z/OS for additional information on keywords BFRFND, BUFRDS, UIW, and NUIW as well as the interpretation of the figures listed under these headings.

Action:

No action required. These messages are informational.

LDM0555I

File server systems -

```
LDM0556I System   Type   Sends   Receives   Resp   Split
LDM0557I sysname  type     nn        nn      nn     nn
```

Reason:

These messages display information about all systems where the file server is running:

System

Contains the system name.

Type

Contains the type of server. Possible values are LOCAL, REMOTE, and HOST.

Sends

Contains the number of send requests issued by this server.

Receives

Contains the number of receive requests issued by this server.

Resp

Contains the average response time (in milliseconds) per receive request.

Split

Contains the number of times CA-L-Serv split large records to get them to fit in a data buffer.

Action:

No action required. These messages are informational.

LDM0558I

No external systems defined

Reason:

There are currently no other file servers active in the complex.

Action:

No action required. This message is informational.

LDM0559I

MAXDORM=*nn*

Reason:

The maximum default interval between deferred writes is *nn* seconds. See also message LDM0526I and refer to the *Administration Guide* and *Reference Guide* for additional information on the MAXDORM keyword.

Action:

No action required. These messages are informational.

LDM0560I

options

Reason:

An all-purpose message that displays information about the file server in response to commands such as DISPLAY ALL and DISPLAY DATABASE.

Action:

No action required. This message is informational.

LDM0562I

No managed ddnames

Reason:

There are no data sets currently under the control of the file server. This informational message is typical of a remote file server.

Action:

No action required. This message is informational.

LDM0563E

***xx* command is not supported on remote system**

Reason:

The operator issued a command that is only supported on CA-L-Serv regions that run a local or a host file server. Examples of such commands are the ADDFILE and ADDPOOL commands, which cannot be issued against remote systems.

Action:

Review CA-L-Serv's logs to locate the command that caused the message to be displayed. Determine why the command was issued against a remote system.

LDM0570I

Clean-up for terminated session - ASCB=*xx* TCB=*yy* FLG/ASID=*zz* user=*userid*

Reason:

This messages indicates that the client executing in the referenced address-space (ASCB=*xx*, TCB=*yy*, FCG/ASID=*zz*) has terminated without ending this session with CA-L-Serv.

Action:

No action required. This message is informational.

LDM0571E

***filename* is managed by another CA-L-Serv - ADDFILE cancelled**

Reason:

An attempt was made to place data set *filename* under CA-L-Serv's control, but the attempt failed because the data set was already under the control of another CA-L-Serv.

Note: This message may also be displayed because the data set is under the control of a client application such as CA Endevor Software Change Manager.

Action:

Review the system logs to determine why the data set is under the control of another CA-L-Serv or has been allocated by CA Endevor Software Change Manager users. This may occur after CA-L-Serv was shut down and restarted. Depending on the operational circumstances, you may need to terminate all jobs and users holding ENQ's with a major name of LSERVDSN before you can successfully place the data set under CA-L-Serv's control. When a number of data sets are involved, it may be preferable to terminate all jobs and users and restart CA-L-Serv than attempting to address each data set individually.

LDM0572I

No managed ddnames

Reason:

There are no data sets currently under the control of the file server. This informational message is also issued in response to a DISPLAY DATABASE command on a remote file server.

Action:

No action required. This message is informational.

LDM0573I

***filename* is not a managed ddname**

Reason:

A file management command, such as OPENFILE or CLOSEFILE, specified file *ddname* but the file is not currently under CA-L-Serv's management.

Action:

Use the DISPLAY DATA command to list all data sets currently managed by CA-L-Serv. Determine why ddname *filename* is not currently under CA-L-Serv's management.

LDM0600I

Scheduler task is now attached

Reason:

The CA-L-Serv kernel has successfully activated the scheduler component of CA Bundl. For more information on the scheduler, refer to the appropriate CA Bundl documentation.

Action:

No action required. This message is informational.

LDM0601I

Scheduler task is now detached

Reason:

The scheduler component of CA Bundl has terminated. For more information on the scheduler component, refer to the appropriate CA Bundl documentation.

Action:

No action required. This message is informational.

LDM0602I

Scheduled events -

```
LDM0603I  Name   Status   Date   Time
LDM0604I  name   status   date   time
```

Reason:

These messages display information about scheduled events. For each event (identified by *name*), the current status is shown as follows:

- ACTIVE—The scheduler is currently active. This does not mean that the event is currently taking place.
- HOLD—The scheduler is currently active, but the event has been held by an OPTIONS EVENT(name,HOLD) command. The event will not be scheduled until you issue an OPTIONS EVENT(name,RELEASE) command.
- INACTIVE—The scheduler is currently inactive.

The *date* and *time* variables indicate the next time that the event is scheduled to take place.

Note: For information on the scheduler, refer to the appropriate CA Bundl documentation.

Action:

No action required. This message is informational.

LDM0605E

Unknown schedule database *ddname*

Reason:

CA-L-Serv is not managing the schedule database you specified. For additional information on the scheduler, refer to the appropriate CA Bundl documentation.

Action:

Check the ddname that you specified on the ATTACH command. If it is misspelled, reissue the command. If the ddname is correct, issue an ADDFILE command for the ddname.

LDM0606E

Attach of module *xxxx* failed: RC=*code*

Reason:

An installation error or a short-on-storage condition may have occurred.

Action:

Look for a z/OS IEA*xxxxx* or IEF*xxxxx* message or a dump, retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM0607E

Processing of *member* by *module* failed: RC=*code*

Reason:

This member is not located in the data set pointed to by the //JCLLIB DD statement. The member name may have been misspelled on the CA Bundl SCH Detail Screen.

Action:

Check the spelling of the member name on the CA Bundl screen. If it is correct, check that the member is contained in the CA Bundl CNTL library.

LDM0608E

Processing of *member* by *module* cancelled

Reason:

The processing of member *member* was cancelled by the indicated module.

Action:

For more information on the scheduler component, refer to the appropriate CA Bundl documentation.

LDM0609E

Scheduler I/O error

Reason:

An I/O error occurred in the scheduler component of CA Bundl.

Action:

Take the appropriate action:

- If an I/O error occurred when VSAM tried to access the schedule database, retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.
- If a record was deleted from the schedule database and the database was not reloaded, issue the OPTIONS RELOAD command to load the most current schedule database.
- For information on the scheduler, refer to the appropriate CA Bundl documentation.

LDM0610I

Scheduler reload is complete

Reason:

For information on the scheduler, refer to the appropriate CA Bundl documentation.

Action:

No action required. This message is informational.

LDM0611I

No defined scheduler events

Reason:

No scheduler events are currently defined to the scheduler component of CA Bundl.

Action:

No action required. This message is informational.

LDM0612E

Start request failed - unknown event named on OPTIONS command

Reason:

The OPTIONS command specified an unknown event.

Action:

For additional information, refer to the appropriate CA Bundl documentation.

LDM0650E

Host system (*sysname*) already active

Reason:

A host file server is already active on system *sysname*.

Action:

Either attach the file server on the local system as a remote file server or detach the current host file server, then attach the local file server as the host.

LDM0651E

CommServer initialization failed RC=(*xx,yy*)

Reason:

The file server failed to initialize a session with the communications server. The file server will terminate.

Action:

Use the values specified for *xx* and *yy* to determine the cause of the error and the corresponding response.

If *xx* is 0 or 4, *yy* is one of the following:

- **8**—Another active application is using the same session identifiers as the file server. For assistance, contact CA Support at http://ca.com/support.
- **12**—The file server has already initialized a session with the communications server.
- **16**—The communications server cannot obtain storage in CA-L-Serv's address space. You probably need to increase CA-L-Serv's region size.
- **20**—Similar to code 16.
- **24**—The maximum number of clients is already in session with the communications server. For assistance, contact CA Support at http://ca.com/support.

If *xx* is anything except 0 or 4, ignore *yy* and look up the value for *xx* as follows:

- **8**—Internal error. For assistance, contact CA Support at http://ca.com/support.
- **12**—The communications server is not active.
- **16**—An abend has occurred. For assistance, contact CA Support at http://ca.com/support.

LDM0652E

CommServer not active - retry scheduled

Reason:

This message is issued at one-minute intervals until the communications server has initialized.

Action:

Start the communications server on the local system. If you experience problems activating the communications server, retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM0653E

No host system active - retry scheduled

Reason:

A remote file server is attempting to establish communication with the host file server but the host file server is not active. The attempt will be retried at one-minute intervals until successful.

Action:

Attach the host file server. If the system that usually runs the host file server is experiencing problems, you can detach the remote file server and attach it as the host.

LDM0654E

CommServer query failed RC=(*xx,yy*) - active systems cannot be determined

Reason:

A remote file server attempted to locate the HOST system but the attempt was unsuccessful.

Action:

Use the values of *xx* and *yy* to determine the cause of the error and the corresponding response.

If *xx* is 0, *yy* is one of the following:

- **8**—No other active file servers were located. This can happen when the server performing the query was the first one activated.
- **16**—The communications server cannot obtain storage in CA-L-Serv's address space. You probably need to increase CA-L-Serv's region size.
- **20**—See Code 16.
- **24**—For assistance, contact CA Support at http://ca.com/support.

If *xx* is anything except 0 or 4, ignore *yy* and look up the value for *xx* as follows:

- **8**—Internal error. For assistance, contact CA Support at http://ca.com/support.
- **12**—The communications server is not active.
- **16**—An abend has occurred. For assistance, contact CA Support at http://ca.com/support.

LDM0655I

CommServer session terminated - reinitialization scheduled

Reason:

The communications server has terminated the local file server's session. This message is informational.

Action:

No action is required.

LDM0656I

CommServer terminated - reinitialization scheduled

Reason:

The communications server on the local system has terminated.

Action:

No action required. This message is informational.

LDM0657I

CommServer session established as *ssname* (HOST | RMT) *sysname*

Reason:

The file server established a session with the communications server identified by *ssname*. This file server is a host server (if HOST is shown) or a remote server (if RMT is shown).

Action:

No action required. This is an informational message.

LDM0658I

CommServer session established with *ssname* (HOST | RMT) *sysname*

Reason:

An external system (*sysname*) joined the configuration. The file server on that system is the host server (if HOST is shown) or a remote server (if RMT is shown). The communications server being used is further identified by *ssname*.

Action:

No action required. This is an informational message.

LDM0659I

CommServer session established with *ssname* (HOST | RMT) *sysname* ended

Reason:

An external system (*sysname*) left the configuration. The file server on that system is the host server (if HOST is shown) or a remote server (if RMT is shown). The communications server being used is identified by *ssname*.

Action:

If that system was a host system, other systems will not be able to access files until it is restarted or you designate a new host system.

LDM0660E

CommServer receive for *sysname* failed - RC=(*xx,yy*)

Reason:

The local communications server attempted to receive data from one of its partners but the receive failed.

Action:

Use the values of *xx* and *yy* to determine the cause of the error. If *xx* is 0, *yy* is one of the following:

- **4**—The file server's session with the communications server was drained. For assistance, contact CA Support at http://ca.com/support.
- **8**—The communications server cannot locate the local file server.
- **16**—The communications server cannot obtain storage in CA-L-Serv's address space. You probably need to increase CA-L-Serv's region size.
- **20**—Similar to code 16.
- **24**—Internal error. For assistance, contact CA Support at http://ca.com/support.

If *xx* is anything except 0 or 4, ignore *yy* and look up the value for *xx* as follows:

- **8**—Internal error. For assistance, contact CA Support at http://ca.com/support.
- **12**—The communications server is not active.
- **16**—An abend has occurred. For assistance, contact CA Support at http://ca.com/support.

LDM0661L

CommServer transmission error from *sysname* (invalid length) - A=(*address*)

Reason:

Accumulated length of the transmission is not valid. The communications server abends the request.

Action:

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM0662E

CommServer send to *system* failed - RC=(*rc1,rc2*) A=*address*

Reason:

The local communications server attempted to send data to one of its partners but the send failed.

Action:

Try to determine the cause of the error by looking at *xx* and *yy*. If *xx* is 0, *yy* is one of the following.

- **4**—On the target system, the file server's session with the communications server is not active. For assistance, contact CA Support at http://ca.com/support.
- **8**—Either the target file server never initialized with the communications server, or its session was cancelled. For assistance, contact CA Support at http://ca.com/support.
- **12**—The target file server is not active. It may not have initialized with the communications server, or its session was cancelled or drained.
- **16**—The communications server cannot obtain storage in CA-L-Serv's address space on the other system. You probably need to increase CA-L-Serv's region size.
- **20**—Same as Code 16.
- **24**—For assistance, contact CA Support at http://ca.com/support.

If *xx* is anything except 0 or 4, ignore *yy* and look up the value for *xx* as follows:

- **8**—Internal error. For assistance, contact CA Support at http://ca.com/support.
- **12**—The communications server is not active.
- **16**—An abend has occurred. For assistance, contact CA Support at http://ca.com/support.

LDM0663L

CommServer transmission error from *system* (invalid code) - A=(*address*)

Reason:

The local communications server received invalid data from the communications server executing on system *system.*

Action:

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM0700I

CA-L-Serv message log - date=*date* - system=*system*

Reason:

This is the first message in CA-L-Serv's message log. It displays the date and the system's sysid.

Action:

No action required. This message is informational.

LDM0701L

MLWTO delivery error. Return code = *code*

Reason:

A multiple line WTO failed with return code = *code.*

Action:

Refer to the appropriate IBM manual for a list of possible return codes for multiple line WTOs.

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM0702L

Message number *xxxx* not found in dictionary

Reason:

CA-L-Serv did not find the message identified by *xxxx* in any of its message tables.

Action:

Verify that the corresponding message table is allocated to CA-L-Serv and that the message was not accidentally removed from the message table. If you have recently upgraded CA-L-Serv or any client applications, verify that the corresponding message tables were also upgraded.

LDM0710L

Abend *code* at *offset* in *name* during log processing

Reason:

The log server component of CA-L-Serv abended. CA-L-Serv tries to recover from the abend.

Action:

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM0711E

Open error on file *ddname* for *logname*

Reason:

An error occurred when CA-L-Serv's log server attempted to open log *logname.*

Action:

Review CA-L-Serv' logs and the system log for IEC*xxxx* messages explaining the cause of the error.

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM0712E

I/O error on file *ddname* for *logname*

Reason:

An I/O error occurred when CA-L-Serv's log server attempted to write to log *logname.*

Action:

Review CA-L-Serv's logs and the system log for IEC*xxxx* messages explaining the cause of the error.

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM0713E

Logging for *logname* disabled

Reason:

Log *logname* has been disabled. Logging for this log will be directed to the default log.

Action:

Review CA-L-Serv's logs and the system log for additional LDM*xxxx* and IEC*xxxx* messages that may explain the cause of the error.

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM0714I

***logname* is defined**

Reason:

An ADDLOG command was successfully processed.

Action:

No action required. This is an informational message.

LDM0715E

***logname* is not defined - check spelling on command**

Reason:

An ADDLOG command failed because the data set whose dsname was specified on the command is not cataloged.

Action:

Review CA-L-Serv's message log and reissue the command with the correct dsname.

LDM0716I

Now recording on file *xxxx* for *logname*

Reason:

The entries for log *logname* will now be written to SYSOUT CLASS or data set *xxxx.*

Action:

No action required. This is an informational message.

LDM0717I

Logging for *logname* terminated. Active file was *ddname*

Reason:

Logging to log *logname* has terminated. This normally follows a successfully processed CLOSELOG command.

Action:

No action required. This is an informational message.

LDM0718E

LRECL for file *ddname* of *logname* not compatible with previous log file

Reason:

The logical record length (LRECL) of the new log file is not the same as the LRECL of the old log file. This occurs after a log switch when the logging for *logname* was directed to a wrap-around series of data sets through the DDNAMES or DSNAMES options of the ADDLOG command.

Action:

Define files so that they have the same LRECL value.

LDM0719I

***logname* has been deleted**

Reason:

A REMOVELOG command issued against *logname* was successfully processed.

Action:

No action required. This is an informational message.

LDM0720E

Allocation failure on *logname* for file *ddname*. Allocation return codes: *xx-yyyy-zzzz*

Reason:

CA-L-Serv encountered a dynamic allocation error when it attempted to allocate file *ddname* for log *logname*. CA-L-Serv provides a return code in the format *xx-yyyy-zzzz*, where *xx* is the R15 return code from SVC 99; *yyyy* is the reason code; and *zzzz* is the error reason code.

Action:

Refer to the appropriate IBM publication to determine the meaning of the codes. If this is not an operational error, retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM0721E

File *ddname* dropped from file list

Reason:

CA-L-Serv could not allocate or access the indicated log file. CA-L-Serv drops the file from the list of files for that log. If other files can be accessed successfully, CA-L-Serv continues log processing with a reduced file list.

Action:

To work from a full file list, correct the problem. Then use the REMOVELOG command to delete the log definition, followed by the ADDLOG command to redefine the log file.

LDM0722E

***logname* unavailable. No accessible log files for this log.**

Reason:

Log *logname* was allocated to a group of cataloged data sets through the DDNAME or DSNAMES options of the ADDLOG command. None of the data sets are accessible. This message follows messages LDM0721E and LDM0724E. This message is also issued when the ADDLOG command specifies a log name that is already allocated.

Action:

Review CA-L-Serv's logs to determine the cause of the problem. Use the REMOVELOG command to delete the log definition, followed by the ADDLOG command to redefine the log file.

LDM0723E

SYSOUT class specification for *logname* is not allowed under Z/OS Master Scheduler

Reason:

CA-L-Serv must run under the Job Entry Subsystem in order to direct logging to SYSOUT data sets.

Action:

Redirect the log to cataloged data sets, or run CA-L-Serv under JES. Note, that when the procname is the same as the subsystem name, the z/OS START command causes the target started task to run under the z/OS Master Scheduler rather than the Job Entry Subsystem. Under these circumstances, it is necessary to direct CA-L-Serv to execute under the Job Entry Subsystem by using the SUB=JES*x* keyword of the z/OS START command.

LDM0724E

File *ddname* of *logname* could not be located in system catalog

Reason:

Dynamic allocation failed for file *ddname* because the corresponding data set could not be located.

Action:

Verify the spelling of the data set name on the ADDLOG command.

LDM0725I

***logname* is now available**

Reason:

The CA-L-Serv log *logname* is now available. This message indicates that the log server has successfully opened the corresponding file or that an OPENLOG command was successfully processed.

Action:

No action required. This is an informational message.

LDM0726E

DDname *xxxx* of *logname* is not defined in CA-L-Serv start-up proc

Reason:

An ADDLOG command was issued with the DDNAMES option. There is no corresponding DD statement for *xxxx* in the CA-L-Serv start-up procedure.

Action:

Add the DD statement to the CA-L-Serv procedure and recycle CA-L-Serv or issue the ADDLOG command from the console specifying the DSNAMES keyword if CA-L-Serv cannot conveniently be restarted.

LDM0727E

Logid *id* is not available

Reason:

The displayed log ID is already in use by a log automatically defined by CA-L-Serv.

Action:

Specify a different log id in the ADDLOG command for this log.

LDM0728E

Logid *id* cannot be deleted

Reason:

The displayed log ID cannot be the target of a REMOVELOG command because it defines a log that is vital to CA-L-Serv operation.

Action:

You may use the PRINTLOG command to spin off the log to a SYSOUT class where you will be able to print or purge it.

LDM0729E

JES unavailable. File *filename* sent to SYSLOG.

Reason:

A log directed to a SYSOUT class could not be opened because JES is not available. The messages destined for the log will be written to the system log.

Action:

Determine why the Job Entry Subsystem is not available. Review the CA-L-Serv's logs and the system log for other LDM*xxxx* messages or IBM messages that could help determine the cause of the problem.

LDM0730E

Positioning error for file *ddname* of *logname*

Reason:

The log server encountered an error while attempting to reposition against log *logname.*

Action:

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM0731L

optcode* failure, return code was *code

Reason:

CA-L-Serv was performing operation *optcode* when it encountered an error while writing messages to a log file.

Action:

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM0732E

File is not DASD. Log positioned to start of first file.

Reason:

The log server encountered an error while attempting to reposition against a log data set

Action:

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM0733E

Invalid file or file combination for log

Reason:

An ADDLOG command was issued specifying two or more DDNAMES. CA-L-Serv found that at least one of the ddnames is allocated to a SYSOUT class in CA-L-Serv's start-up procedure.

Action:

Issue the ADDLOG in one of the following ways:

- Specify a SYSOUT class on the SYSOUT operand of the ADDLOG command, rather than on the DDNAME operand.
- Specify a single ddname allocated to a SYSOUT class on the DDNAME operand of the ADDLOG command. When you use this method, you may define only one ddname for the log.
- Specify one or more ddnames on the DDNAME operand of the ADDLOG command making sure they all are allocated to sequential data sets with identical attributes.

LDM0734E

File is not physical sequential, file ignored in file list

Reason:

CA-L-Serv found a data set with an unsupported data set organization in a group of files allocated to a log.

Action:

To work from a full file list, correct the problem by allocating a data set with the appropriate data set organization. Then use the REMOVELOG command to delete the log definition, followed by the ADDLOG command to redefine the log file.

LDM0735E

Unable to open the file, file ignored in file list

Reason:

CA-L-Serv was unable to open a data set in a file list.

Action:

To work from a full file list, review CA-L-Serv's logs and the system log looking for IEC*xxxx* messages, which will help determine the reason why the OPEN for the data set failed.

If unable to determine the cause of the failure, collect the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM0736E

File not on volume, file ignored in file list

Reason:

CA-L-Serv could not locate a log file on the volume identified by the JCL.

Action:

Determine why the log file does not reside on the specified volume. Use the ADDLOG command to specify a new log data set.

LDM0737I

WRITELOG complete

Reason:

The WRITELOG command was processed successfully.

Action:

No action required. This is an informational message.

LDM0738E

SWITCH operation inappropriate for *logname*

Reason:

You issued a SWITCHLOG command for the indicated *logname*, but one of the following problems occurred:

- The log was pointing to a SYSOUT class rather than cataloged data sets.
- Only one data set was allocated to the log. There must be at least two data sets.

Action:

Use the DISPLAY LOGS command to verify that multiple data sets are defined for the log and that none of them is allocated to a SYSOUT class.

LDM0739I

SWITCH complete

Reason:

The SWITCHLOG command was processed successfully.

Action:

No action required. This is an informational message.

LDM0740E

Invalid LOGID

Reason:

The logid specified on the command is invalid.

Action:

Refer to the CA-L-Serv *Command Reference* for additional information concerning syntax and usage rules relative to log names.

LDM0741L

CA-L-Serv log task disabled. MSGLOG now routed to SYSLOG.

Reason:

CA-L-Serv's log server task is disabled. All messaging will now use WTO's and will be directed to the system log.

Action:

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM0742E

Log *logname* not directed to SYSOUT file

Reason:

You issued a PRINTLOG command for a log file that was not defined as a SYSOUT class.

Action:

Check the spelling of the log name on the PRINTLOG command. If the log name is spelled correctly, use the ADDLOG command to redefine the log file as a SYSOUT class.

LDM0743E

Log *logname* is not active

Reason:

A PRINTLOG command was issued against log *logname* but the log is not currently active.

Action:

Review CA-L-Serv's logs to determine why the log is currently inactive.

LDM0744I

Log *logname* has been spun off

Reason:

The PRINTLOG command was processed successfully. Log *logname* will now be directed to a new sysout data set. The old sysout data set can now be purged or printed.

Action:

No action required. This is an informational message.

LDM0745E

No CA-L-Serv log available, forced to SYSLOG

Reason:

No logs are available to CA-L-Serv. The message will be written to the system log through WTOs.

Action:

Review the CA-L-Serv's job log and the system log to determine why no logs are available.

Collect the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM0750I

CA-L-Serv log statistics -

```
LDM0751I  Log name   Status   Count   Time   File name
LDM0752I  log name   status      nn   time    filename
```

Reason:

These messages display information about CA-L-Serv's logs, as follows:

Log name

Contains the name of the log. The name TRACE refers to the trace log; the name MSGLOG refers to the message log. All other names refer to data base change logs or auxiliary message logs.

Status

Contains the current status of the log. Possible values include:

- ACTIVE—Data is currently being sent to the log.
- INACT—No data is currently being sent to the log.
- ERROR—The log is unusable due to an error.
- CLOSED—The log was closed.

Count

Contains the number of records in the log file.

Time

Contains the time that the last record was written to the log file.

File name

Contains the data set names or sysout class assigned to the log.

Action:

No action required. These messages are informational.

LDM0755I

No logs are defined

Reason:

You issued a DISPLAY LOGS or DISPLAY ALL command but there are no logs currently defined to CA-L-Serv.

Action:

No action is required. This message is informational.

LDM0801E

Statement not recognized

Reason:

The LDMAMS utility encountered an invalid SYSIN statement.

Action:

Correct the SYSIN statement and resubmit the job.

LDM0802E

Invalid operand *xxxx*

Reason:

The operand specified on the LDMAMS statement is invalid.

Action:

Refer to the full description of the LDMAMS statement.

LDM0803E

Expected right parenthesis after ddname or key

Reason:

Unmatched parentheses in an LDMAMS statement.

Action:

Refer to information on the statement's syntax.

LDM0804E

CA-L-Serv not active - RC=*code*

Reason:

The LDMAMS utility could not establish a session with CA-L-Serv.

Action:

Verify that CA-L-Serv is active and that the job running the LDMAMS utility indicates the correct subsystem name (through the SSN$*xxxx* DD DUMMY statement).

If this is not an operational error, call CA Support.

LDM0805E

Infile or outfile must be allocated - add DD statement to JCL

Reason:

The LDMAMS utility needs the data set specified in the SYSIN statement with the infile or outfile keyword to be allocated in the job's JCL.

Action:

Add the DD statement to the JCL and resubmit the job.

LDM0806E

Unable to open *filename*

Reason:

The LDMAMS utility encountered an error when it tried to open the input or output file.

Action:

Review the job's log looking for a z/OS IEC141 message that explains the error more fully.

LDM0807E

Unable to lock *infile* - RC=*code*

Reason:

CA-L-Serv could not obtain exclusive control of the input file. A file server problem occurred.

Action:

The file may currently be accessed by online users or another LDMAMS job. You may have to reschedule the LDMAMS job at a later time.

LDM0808I

***outfile* has been reset**

Reason:

The LDMAMS utility has successfully reset the contents of data set *outfile.*

Action:

No action required. This is an informational message.

LDM0809I

Unable to retrieve text for message *xxxx*, CA-L-Serv unavailable, RC=*code*

Reason:

CA-L-Serv could not find text for message *xxxx* in its message table. The message is discarded.

Action:

Verify that the corresponding message table is allocated to CA-L-Serv and that the message was not accidentally removed from the message table. If you have recently upgraded CA-L-Serv, verify that the CA-L-Serv message table was also upgraded.

LDM0810I

***nn* records copied from *infile* to *outfile* - REPRO operation complete**

Reason:

The LDMAMS utility has successfully performed a REPRO operation from VSAM data set *infile* to sequential data set *outfile* copying *nn* records.

Action:

No action required. This is an informational message.

LDM0811E

Statement skipped due to previous error

Reason:

The LDMAMS utility detected an error in a previous SYSIN statement. The ensuing statements are ignored.

Action:

Review the LDMAMS job log and SYSPRINT for possible causes. Depending on the error, review the CA-L-Serv's logs for other messages.

LDM0812I

***nn* records copied from *infile* to *outfile: nn* added, *nn* replaced, *nn* skipped**

Reason:

The LDMAMS utility performed a REPRO from sequential data set *infile* to VSAM data set *outfile* with the REPLACE option specified. The message displays statistics about the result of the process.

Action:

No action required. This is an informational message.

LDM0813E

Invalid key specification: quote or parenthesis at end of key is missing

Reason:

The LDMAMS utility found a syntax error in a REPRO statement specifying the FROMKEY or TOKEY keywords.

Action:

Refer to the full description of LDMAMS statements.

LDM0814E

Unable to reset *ddname* - RC=*code*

Reason:

An error occurred when CA-L-Serv tried to delete the contents of a VSAM file. The file may be in use by another task or user, or it may not be managed by CA-L-Serv.

Action:

Verify that the file is not in use by another task or user, that it is managed by CA-L-Serv and that the cluster was defined with the REUSE attribute.

LDM0815E

GET failed for *ddname* - RC=*code*

Reason:

CA-L-Serv encountered an error when it tried to copy a record from a VSAM file to a sequential file. The message may occur if someone issues a SHUTDOWN or CLOSEFILE command before the LDMAMS utility completes its operation.

Action:

Review CA-L-Serv's logs for additional messages issued at the same time. Refer to the list of CA-L-Serv's return codes at the beginning of this manual.

If this is not an operational problem, retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM0816E

PUT failed for *ddname* - RC=*code*

Reason:

An error occurred when CA-L-Serv tried to write a record from a sequential file to a VSAM file. The message may occur if someone issues a SHUTDOWN or CLOSEFILE command before the LDMAMS utility completes its operation.

Action:

Review CA-L-Serv's logs for additional messages issued at the same time. Refer to the list of CA-L-Serv's return codes at the beginning of this manual.

If this is not an operational problem, retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM0817E

RECFM=VBS not supported for *ddname* - FB and VB supported

Reason:

The LDMAMS utility does not support spanned record format for sequential data sets.

Action:

Reallocate the data set *ddname* with a record format of FB or VB and rerun the job.

LDM0818E

Unable to open *ddname* - RC=*code*

Reason:

CA-L-Serv encountered an error when it tried to open the input or output file.

Action:

Use the DISPLAY DATABASE to verify that the data set is currently under CA-L-Serv's control.

Review CA-L-Serv's logs or the system log for IEC*xxxx* messages, which may explain the cause of the problem. Refer to the list of CA-L-Serv's return codes at the beginning of this manual.

If this is not an operational problem, retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM0819E

Insufficient security access to *ddname*

Reason:

An external security problem occurred when CA-L-Serv tried to access *ddname*.

Action:

Address the security problem and resubmit the job.

LDM0820E

INFILE and/or GROUP keywords are required on ARCHIVE statement

Reason:

The LDMAMS utility detected that neither the INFILE nor GROUP keyword was specified on an ARCHIVE statement.

Action:

Correct the ARCHIVE statement.

LDM0821E

Unknown file group *xxxx* - probably not defined yet

Reason:

The LDMAMS utility detected that file group *xxxx* is not currently defined to CA-L-Serv.

Action:

Define the file group to CA-L-Serv and resubmit the job.

LDM0822E

Cannot archive file *xx* - not part of file group *yy*

Reason:

INFILE and GROUP were specified on an ARCHIVE statement but file *xx* is not part of group *yy*.

Action:

Use the DISPLAY DATABASE command to display the group and specify one the files belonging to the group.

LDM0823E

No files in file group *xx* need to be archived

Reason:

A file in a file group must be full to be eligible for archiving. The LDMAMS utility did not find any files in file group *xx* that were full.

Action:

Review CA-L-Serv's logs to determine if any of the files on the file group were eligible for archiving. If this is not an operational error, call CA Support.

LDM0824I

nnn* records copied from *file* to *ddname

Reason:

An archive or repro operation copied *nnn* records from *file* to *ddname*.

Action:

No action required. This is an informational message.

LDM0825I

ARCHIVE operation is completed

Reason:

The LDMAMS utility successfully completed the ARCHIVE operation.

Action:

No action required. This is an informational message.

LDM0826I

File *xxxx* is empty - does not need to be archived

Reason:

The LDMAMS utility detected that target data set *xxxx* is empty and that no archiving is necessary.

Action:

No action required. This is an informational message.

LDM0827E

A *nnn* byte record, read in from file *xxxx*, exceeds the *nnn* byte maximum allowed for file *yyyy*

Reason:

A record's logical record length exceeds the OUTPUT file's maximum LRECL value.

Action:

Increase the OUTPUT file's maximum LRECL value to accommodate the largest LRECL value for any record in the source file.

LDM0828E

CA-L-Serv is not active

Reason:

The LDMAMS job was unable to establish communication with CA-L-Serv.

Action:

Verify that CA-L-Serv is active and that the //SSN$xxxx DD DUMMY statement in the LDMAMS JCL specifies the correct subsystem name.

LDM0829I

CommServer *function* returned RC=*code* Reason=*code*

Reason:

This message is issued when using the LDMAMS utility to verify the successful installation of the communications server. Refer to the CA-L-Serv section of the *Installation Guide* for a complete description of the communications server's installation verification procedure.

Action:

When the communications server IVP runs successfully, you will receive a return-code and a reason code of 0. Otherwise, Refer to the list of return and reason codes, correct the problem and rerun the communications server's IVP.

LDM0830I

Active CommServer applications:

Reason:

When running the communications server's installation verification procedure, these messages display the IDs of the applications you created to test communication routes.

Action:

No action required. These messages are informational.

LDM0831I

application qualifier

Reason:

When running the communications server's installation verification procedure, these messages display the IDs of the applications you created to test communication routes.

Action:

No action required. These messages are informational.

LDM0832I

Receive complete: APPL=*application* QUAL=*qualifier* Length=*nn* RC=*code*

Reason:

When running the communications server's IVP, this message displays basic information about the data transfer.

Action:

Refer to the *Installation Guide* for additional information concerning the communications server IVP.

LDM0833I

APPL=*application* QUAL=*qualifier* not active - WAIT continues

Reason:

When running the communications server's IVP, this message indicates that the receiving application is unable to see the sending partner.

Action:

Refer to the *Installation Guide* for additional information concerning the communications server IVP.

LDM0834I

APPL=*application* QUAL=*qualifier* not active - WAIT cancelled

Reason:

The receiving job in the communications server IVP has exceeded the time limit specified with the LIMIT parameter of the WAIT statement and did not receive any data.

Action:

Refer to the *Installation Guide* for additional information concerning the communications server's installation verification procedure.

LDM0850E

OPEN error for ACB(*applid*) ACBERFLG=*code*

Reason:

When running the communications server's IVP using VTAM communication, this indicates a problem with the SYS1.VTAMLST definitions necessary for two copies of CA-L-Serv to be able to communicate.

Action:

Make sure CA-L-Serv's application ID (specified on the ACBNAME operand for the ATTACH command) matches CA-L-Serv's VTAM application ID in your SYS1.VTAMLST data set.

If they do match, collect the appropriate diagnostic information (VTAM definitions and DISPLAYs, CA-L-Serv command member) and call CA Support.

LDM0851E

ACB *applid* is already active

Reason:

CA-L-Serv issued an OPEN against VTAM ACB *applid* but the ACB was already open.

Action:

Change CA-L-Serv's application ID on the ATTACH command's ACBNAME operand and in your SYS1.VTAMLST data set to point to an ACB not currently open to another task on the system.

LDM0852I

VTAM cleanup in progress for ACB *applid,* will retry

Reason:

The communications server will try to reestablish its VTAM session after VTAM performs cleanup processing for CA-L-Serv.

Action:

Look for VTAM messages that tell you whether the session was reestablished.

LDM0853I

Please vary *applid* inactive, or DETACH CommServer

Reason:

The communications server is in a suspended state because its VTAM application ID was not active when you started it.

Action:

Take one of these actions:

- Issue VTAM's VARY NET,ACT,ID=applid command for CA-L-Serv's application ID to activate the ID.
- Issue a DETACH COMMSERVER command to stop the server.

LDM0854I

Route established between *source* and *target*

Reason:

The communication route between *source* and *target* has been successfully established.

Action:

No action required. This is an informational message.

LDM0855E

BUFFSIZE incompatible; correct and restart

Reason:

The communication server detected a mismatch in the RECBUFFSIZE definitions.

Action:

Make the values for the ATTACH command's RECBUFFSIZE operand match on all systems and restart communications servers.

LDM0856I

Invalid logmode used from *source* to *target*: correct and restart

Reason:

An invalid BIND was passed between systems.

Action:

Check your VTAM definitions for CA-L-Serv. Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM0857E

OPEN error for ACB(*applid*) R15=*code* ACBERFLG=*xxxx*

Reason:

A VTAM error occurred. An application ID, return code, and control block field's contents (*xxxx*) are shown.

Action:

Consult your VTAM manuals for an explanation of the codes.

If this is not an operational problem, retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM0858E

REQSESS failed; RTNCD=*code*, FDB2=*code*, SENSE=*code*

Reason:

A VTAM error occurred.

Action:

Consult your VTAM manuals for an explanation of the codes.

If this is not an operational problem, retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM0860I

Unable to establish a route between *source* and *target*

Reason:

The communications server is not active on the target system yet.

Action:

Check that CA-L-Serv and the communications server are active on the target system.

LDM0861I

No activate was issued for *resource*

Reason:

The route is currently inactive.

Action:

Use the ACTIVATE *resource* command to activate the route on the local system.

LDM0862I

VTAM version *xx*, release *yy.yy*

Reason:

These messages identify the exact level of VTAM running on your systems. They are among the first messages written to the communications server log.

Action:

No action required. These messages are informational.

LDM0863I

VTAM component ID *xxxx-xxxxx-xxx*

Reason:

These messages identify the exact level of VTAM running on your systems. They are among the first messages written to the communications server log.

Action:

No action required. These messages are informational.

LDM0871I

LCMVTAM: CLSDST error: RC=*code*, FB=*code*, SENSE=*code*

Reason:

A VTAM macro abended. Refer to VTAM manuals for additional information concerning the return code, feedback code, and sense code.

Action:

You do not have to take an action unless you experience further problems.

LDM0872I

LCMVTAM: CLSDST or TERMSESS error: RC=*code*, FB=*code*, SENSE=*code*

Reason:

A VTAM macro abended. Refer to VTAM manuals for additional information concerning the return code, feedback code, and sense code.

Action:

You do not have to take an action unless you experience further problems.

LDM0873I

LCMVTAM: OPNSEC error: RC=*code*, FB=*code*, SENSE=*code*

Reason:

A VTAM macro abended. Refer to VTAM manuals for additional information concerning the return code, feedback code, and sense code.

Action:

You do not have to take an action unless you experience further problems.

LDM0874I

LCMVTAM: VTAM is not APPC-capable, using LU 0

Reason:

Your version of VTAM does not support LU 6.2 protocols.

Action:

Change the CONTYPE operand's value on the ATTACH commserver or ACTIVATE command from LU62 to LU 0.

LDM0875I

LU 6.2 Bind from *source* failed; this ACB(*target*) is not APPC-capable

Reason:

The version of VTAM on the target system does not support LU 6.2 protocols.

Action:

Change the CONTYPE operand's value on the ATTACH commserver or ACTIVATE command from LU62 to LU 0 on both the source and the target systems.

LDM0880I

Activate of route *xxx* is complete

Reason:

This message is issued in response to a successful ACTIVATE command.

Action:

No action required. This is an informational message.

LDM0881E

route is already activated

Reason:

This message is issued in response to an ACTIVATE command: the activate failed because the route is already active.

Action:

Review CA-L-Serv's logs to determine why the route is already active.

LDM0882E

Cannot activate route *xxx* to local system

Reason:

The ACB specified on the ATTACH COMMSERVER command and the route specified on the ACTIVATE command are the same.

Action:

The ACB name specified on the ACTIVATE command must be different from the ACB name specified on the ATTACH COMMSERVER command.

LDM0883I

Deactivate of route *xxx* is complete

Reason:

This message indicates that route *xxx* has been deactivated.

Action:

No action required. This is an informational message.

LDM0884E

***route* is already deactivated**

Reason:

This message is issued in response to a DEACTIVATE command: the command failed because the route is not active.

Action:

Review CA-L-Serv's logs to determine why the route is not active.

LDM0888I

Maximum number of users exceeded

Reason:

The maximum number of users of the communications server is exceeded.

Action:

Stop the communications server, and increase the value for the MAXSESSIONS operand on the server's ATTACH command.

LDM0889E

Route activation failed; activate *source* on system *target*

Reason:

The local system attempted to activate a route but the *target* system is not responding.

Action:

Activate a route from the target system to the source system.

LDM0900I

CommServer task is now active

Reason:

The communications server initialization has completed successfully.

Action:

No action required. This is an informational message.

LDM0901I

CommServer task is now inactive

Reason:

The communications server has terminated.

Action:

No action required. This is an informational message.

LDM0910I

CommServer Options-

```
LDM0010I        ACBNAME=name
LDM0010I        CONTYPE=protocol
LDM0010I        HOLDBUF=nnn
LDM0010I        LOGID=logname
LDM0010I        RETRMAX=nnn
LDM0010I        RETRY=nnnnn
LDM0010I        SENDLIMIT=nnn
LDM0010I        XCF=[YES|NO]
```

Reason:

These messages display operating values that you can change while the communications server is running:

ACBNAME

Displays the VTAM application ID for CA-L-Serv.

CONTYPE

Identifies the VTAM communications protocol that the server is using.

HOLDBUF

Displays the maximum number of transmission buffers per client.

LOGID

Displays the name of the auxiliary message log for the communications server.

RETRMAX

Displays the maximum number of attempts to reactivate an inactive VTAM route. The server retries indefinitely when 0 is shown.

RETRY

Sets the interval for attempts to reactivate an inactive VTAM route. The server will not try to reactivate the route when 0 is shown. The retry interval is measured in seconds.

SENDLIMIT

Displays the maximum number of pending send requests per client.

XCF

Indicates whether the XCF method of data transmission is active.

Action:

No action is required. These messages are informational.

LDM0911I

CommServer Initialization Parameters-

```
LDM0010I        ACBNAME=applid
LDM0010I        MAXSENDSIZE=nnn
LDM0010I        MAXSESSIONS=nnn
LDM0010I        RECBUFFSIZE=nnn
LDM0010I        XCF=[YES|NO]
```

Reason:

These messages display operating values that you cannot change while the communications server is running:

ACBNAME

Displays the VTAM application ID for CA-L-Serv.

MAXSENDSIZE

Displays the maximum data size during transmission, in kilobytes.

MAXSESSIONS

Displays the maximum number of concurrent sessions with the server.

RECBUFFSIZE

Displays the size of the server's transmission buffers.

XCF

Indicates whether XCF was activated.

Action:

No action is required. These messages are informational.

LDM0912I

CommServer routes-

```
LDM0913I  Route   Status   Contype    Retry   RETRMAX
LDM0914I  route   status   protocol   nnnnn   nnn
LDM0917I  nodename
```

Reason:

These messages display information about communication routes:

Route

Contains the target system's ACB name for VTAM routes or the XCF system name for XCF routes.

Status

Is ACTIVE or INACTIVE.

Contype

Identifies the communications protocol that the server is using for this route. (For XCF routes, XCF is displayed. For VTAM routes, LU0 or LU6.2 is displayed.)

Retry

Sets the interval for attempts to reactivate this route if it becomes inactive. The server does not try to reactivate the route when 0 is shown. The retry interval is measured in seconds.

RETRMAX

Contains the maximum number of attempts to reactivate this route if it becomes inactive. The server retries indefinitely when 0 is shown.

nodename

Displays the internal node name for a client that is using the communications server.

Action:

No action is required. These messages are informational.

LDM0915I

No active routes

Reason:

One of these messages will follow LDM0912I if there were no active or inactive routes to display information about.

Action:

No action is required. These messages are informational.

LDM0916I

No inactive routes

Reason:

One of these messages will follow LDM0912I if there were no active or inactive routes to display information about.

Action:

No action is required. These messages are informational.

LDM0918I

CommServer Application Defaults

```
LDM0010I  DYNAMIC=value
LDM0010I  PRIORITY=value
```

Reason:

These messages display client application default values.

Action:

No action required. These messages are informational.

LDM0920I

CommServer applications-

```
LDM0921I  Application  Status   Pty   ---Sends---   --Receives-
LDM0922I  productid    status   x       x    y        x    y
```

Reason:

These messages display information about clients using the communications server:

Application

Contains the product ID for a client.

Status

Contains one of these values:

- ACTIVE—The session is active.
- CANCELLED—The session was cancelled.
- CANCELLING—The session is being cancelled.

- DRAINED—The session was drained. You can restart it through the START command.
- DRAINING—The session is being drained.
- EOM DETECTED—CA LSERV has detected end-of-memory.
- HELD—Until the client receives data from the server's transmission buffers, it cannot receive new data from other clients.
- IDLE—The client has not yet started its session with the communications server.
- SHUTDOWN—CA LSERV is being shut down.
- STARTED—The client's session is active.
- STARTING—The session is being restarted.

Pty

Contains the maximum priority for requests from the client.

H - High

N - Normal

L - Low

Sends

Contains the number of pending (*x*) and completed (*y*) send requests from this client.

Receives

Contains the number of pending (*x*) and completed (*y*) receive requests from this client.

Action:

No action is required. These messages are informational.

LDM0923I

No applications defined

Reason:

There are no clients currently in session with the communications server.

Action:

No action required. This message is informational.

LDM0935I

Retry limit (*nn*) exceeded for *route* - retry suspended

Reason:

The communications server tried *nn* times (the maximum number of times) to reactivate this route.

Action:

No action is required. This message is informational.

LDM1100I

(ACTIVATE/DEACTIVATE) command is not supported with ACB=NONE

Reason:

An ACTIVATE or DEACTIVATE command was issued for a VTAM route, but no ACB name was provided to enable VTAM when the communications server was started. ACTIVATE and DEACTIVATE commands are only valid for VTAM.

Action:

Refer to additional information concerning the communications server.

LDM1101E

Status change not supported for XCF route

Reason:

You cannot activate or deactivate an XCF route using these commands. ACTIVATE and DEACTIVATE commands are only valid for VTAM communication.

Action:

Refer to the description of the XCF component of the communications server.

LDM1102E

XCF communication is already active

Reason:

An attempt was made to initialize XCF communication but it is already active.

Action:

Review CA-L-Serv's logs to determine why the XCF component is already active.

LDM1103E

XCF support is not available on this level of MVS

Reason:

An attempt was made to start up the communications server using XCF, but XCF is not available on this system.

Action:

To implement XCF, you must be running MVS 4.0 at a minimum.

LDM1105E

XCF component is already active

Reason:

The XCF component of the communications server is already active.

Action:

Review CA-L-Serv's log and determine why the XCF component is already active.

LDM1106I

XCF communication is now active

Reason:

The XCF component of the communications server has initialized.

Action:

No action required. This is an informational message.

LDM1107I

XCF communication is now inactive

Reason:

The XCF component of the communications server has terminated.

Action:

No action required. This is an informational message.

LDM1110I

The communications server facilities are now active

Reason:

The communications server has initialized.

Action:

No action required. This is an informational message.

LDM1111I

The communications server facilities are now inactive

Reason:

The communications server has terminated.

Action:

No action required. This is an informational message.

LDM1112E

The communications server facilities are not active

Reason:

A command was directed towards the communications server but it is not currently active.

Action:

Review CA-L-Serv's logs to determine why the communications server is not active. If relevant use the ATTACH command to restart the communications server.

LDM1114E

XCF communication is not active

Reason:

A command was directed towards the XCF component of the communications server but it is not currently active.

Action:

Use the DISPLAY command or review CA-L-Serv's logs to determine the currently active options of the communications server. If the XCF component of the communications server needs to be activated you will have to detach the communications server and reattach it specifying the XCF=YES option.

LDM1115E

Communications server subtask *loadmodule* terminated abnormally - *TCBCMP=completioncode*

Reason:

A subtask of the communications server ended abnormally with a completion code of *completioncode.*

Action:

Stop the communications server with the DETACH command and restart it with the ATTACH command to revive the communications server. Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM1116E

XCF initialization failed

Reason:

The communications server is terminating because the XCF component did not initialize successfully.

Action:

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM1118E

XCF member registration failed with return code=*code*, reason code=*code*

Reason:

The XCF component did not initialize successfully.

Action:

The nature of the problem can be determined by looking up the listed return and reason codes in IBM's *z/OS MVS Programming: Sysplex Services Reference Guide* under the IXCJOIN macro.

If this is not caused by an operational problem in your environment, retain the appropriate diagnostic information and call CA Support.

LDM1119E

XCF member de-registration failed with return code=*code*, reason code=*code*

Reason:

The XCF component did not terminate successfully.

Action:

The nature of the problem can be determined by looking up the listed return and reason codes in IBM's *Authorized Assembler Reference Guide* under the IXCLEAVE macro.

If this is not an operational problem in your environment, retain the appropriate diagnostic information and call CA Support.

LDM1120E

Unable to obtain XCF sysplex information; query failed with return code=*code*, reason code=*code*

Reason:

The XCF component did not initialize successfully.

Action:

The nature of the problem can be determined by looking up the listed return and reason codes in IBM's *z/OS MVS Programming: Sysplex Services Reference Guide* under the IXCQUERY macro.

If this is not an operational problem in your environment, retain the appropriate diagnostic information and call CA Support.

LDM1121E

Unable to obtain XCF group information; query failed with return code=*code*, reason code=*code*

Reason:

The XCF component did not initialize successfully.

Action:

The nature of the problem can be determined by looking up the listed return and reason codes in IBM's *Authorized Assembler Reference Guide* under the IXCQUERY macro.

If this is not an operational problem in your environment, retain the appropriate diagnostic information and call CA Support.

LDM1122E

VTAM route active to sysplex system *sysname*; XCF communication will not be used

Reason:

An attempt was made to activate an XCF communication route to the named system, but a VTAM route to that system was already active.

Action:

If you decide to use XCF communications between the two systems, attach the communications server specifying XCF=YES and delete the ACTIVATE statements from the start-up command members.

LDM1128E

XCF event processing failed with return code=*code*, reason code=*code*

Reason:

An XCF data transmission failure occurred due to an internal XCF problem. The data transmission may have been lost.

Action:

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM1129E

XCF event clean up failed with return code=*code*, reason code=*code*

Reason:

An XCF end-event procedure failed due to an internal XCF problem. The data transmission was successful.

Action:

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM1130E

Unexpected termination of communications server *mode* subtask

Reason:

The communications server was forced to end the specified mode of operation, but it did not shut down completely.

Action:

Stop the communications server with the DETACH command and restart it with the ATTACH command.

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM1131E

XCF message exit failed with abend completion code=*code*, reason code=*code*

Reason:

An abend occurred during XCF processing. If the XCF component does not recover, message LDM1135E is also issued. The data transmission may have been lost.

Action:

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM1132E

XCF group exit failed with abend completion code=*code*, reason code=*code*

Reason:

An abend occurred during XCF processing. If the XCF component does not recover, message LDM1135E is also issued. Status information about data transmissions may have been lost.

Action:

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM1133E

XCF member subtask failed with abend completion code=*code*, reason code=*code*

Reason:

An abend occurred during XCF processing. If the XCF component does not recover, message LDM1135E is also issued.

Action:

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM1134E

XCF processing failed with abend completion code=*code*, reason code=*code*

Reason:

An abend occurred during XCF processing. If the XCF component does not recover, message LDM1135E is also issued.

Action:

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM1135E

XCF terminated abnormally

Reason:

XCF terminated due to an unrecoverable abend.

Action:

Review CA-L-Serv's logs for prior messages identifying the reason for the abend.

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM1136E

Invalid message data received from system *sysname*

Reason:

A message was split into segments for transmission by the named system, but the segments were not received in the proper order.

Action:

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM1137E

Incomplete message data received from system *sysname*

Reason:

A message from system *sysname* was split into segments, but part of the message was lost in the transmission.

Action:

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM1138E

XCF send attempt to *sysname* failed with return code=*code*, reason code=*code*

Reason:

XCF could not send data to the named system due to an internal XCF problem.

Action:

The nature of the problem can be determined by looking up the listed return and reason codes in IBM's *z/OS MVS Programming: Sysplex Services Reference Guide* under the IXCMSGO macro.

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM1139E

Invalid message acknowledgment received from system *sysname*

Reason:

An XCF message acknowledgment received from the named system does not match the information for the message being sent.

Action:

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM1140E

Acknowledgment received from system *sysname*, but no send in progress to that system

Reason:

An XCF message acknowledgment was received from the named system, but no message was sent to that system.

Action:

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM1141E

Unable to initialize XCF - RC=*code*

Reason:

The XCF component of the file server failed to initialize.

Action:

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM1500I

File ddname (*dsname*) is full

Reason:

A record was not written to this file because the file is full. The file server will switch to the next file in the group.

Action:

No action required. This message is informational.

LDM1501I

JCL in member *xxxx* submitted to archive file *ddname*

Reason:

The file server detected that a file in a file group is full and submitted a job to perform the archive.

Action:

No action required. This message is informational.

LDM1503E

Command rejected. Previous control command has not yet completed.

Reason:

Processing of a file management command has not completed and is preventing the command you issued from executing.

Action:

Review the CA-L-Serv's logs looking for previous error messages for possible abends of the file server. If no abend is found and CA-L-Serv did not take an SVC dump, take a console dump of the CA-L-Serv region including private storage and all system areas.

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM1504E

Cannot switch files - no empty file found - still using current file

Reason:

The file server was unable to switch to a new file in the file group because there are no empty files available.

Action:

Review the output of recent archive jobs looking for errors. You may need to run a manual archive if the automatic archive failed.

LDM1505E

File *ddname* is not part of file group *xx*

Reason:

A SWITCHFILE command was issued but the *ddname* specified is not part of the file group.

Action:

Use the DISPLAY DATABASE command to list the files belonging to the file group.

Refer to the description of the SWITCHFILE and DISPLAY DATABASE commands.

LDM1508E

***xx* is not a file group name**

Reason:

A command specified file group name *xx* but the file group was not defined to the file server by prior ADDFILE commands.

Action:

Use the DISPLAY command to list the currently active file groups.

LDM1509I

Now recording in file group *xx*, file *yy*

Reason:

The file server detected that a file in a file group was full and has switched to the next available file in the group.

Action:

No action required. This message is informational.

LDM1510I

Current file is *filename*

Reason:

The message lists the currently active file in a file group.

Action:

No action required. This message is informational.

LDM1511E

All files are full

Reason:

All files in the file group are full.

Action:

Determine why all files are full. Look for possible problems with automatic archive jobs (whether they ran, whether they ran successfully). If no operational error is found, call CA Support.

LDM3901I

XCF Driver *version* has been initialized

Reason:

The XCF Driver has initialized.

Action:

No action required. This message is informational.

LDM3902I

XCF Driver has terminated

Reason:

The XCF Driver has terminated.

Action:

No action required. This message is informational.

LDM3950E

Cannot Initialize XCF Driver Environment

Reason:

The system does not support XCF or the XCF component is not available.

Action:

Review CA-L-Serv's logs to determine why the XCF component was unable to initialize.

Retain appropriate diagnostic information (SVC dumps, logs) and call CA Support.

LDM3951E

XCF Busy condition detected - Attempting Retry

Reason:

XCF is busy, but a retry will be attempted.

Action:

If the condition persists, call CA Support.

LDM3952E

Error Sending Message; IXCMSGO return code = *code*, reason code = *code*

Reason:

The XCF component of the communications server was unable to send a message due to an XCF problem.

Action:

Look up the return and reason codes for the IXCMSGO macro in the *Authorized Assembler Reference* manuals relevant to your installation.

If the condition persists, retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM3953E

LXCF Query Failed; IXCQUERY return code = *code*, reason code = *code*

Reason:

The XCF component of the communications server failed to issue the IXCQUERY macro.

Action:

Look up the return code and reason code for the IXCQUERY macro in the *Authorized Assembler Reference* manuals relevant to your installation.

If the condition persists, retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM3954E

Terminating XCF driver due to Query Failure

Reason:

XCF terminated because of a query failure.

Action:

Check the contents of message LDM3953E.

LDM3955E

Send Request to unknown XCF Member -> *member*

Reason:

XCF attempted to send a message to an XCF member that is no longer part of the sysplex group.

Action:

Review the system log and CA-L-Serv's logs on the target system to determine why the member is no longer active.

LDM4000I

SQL server is now active

Reason:

The SQL server has successfully initialized.

Action:

No action required. This is an informational message.

LDM4001I

Reading statement: *text*

Reason:

This message is used to echo SQL statements found in the file defined by the LDMSQDEF member of the LDMPARM data set to the CA-L-Serv log.

Action:

No action required. This is an informational message.

LDM4002I

SQL server has terminated

Reason:

The SQL Server has terminated as a result of a DETACH SQLSERVER command, a series of fatal errors during SQL execution, or the termination of CA-L-Serv.

Action:

No action required. This is an informational message.

LDM4003I

OK

Reason:

The SQL Server processed the command successfully.

Action:

No action required. This is an informational message.

LDM4004E

No rows match selection criteria, or table has no rows

Reason:

An LSQL SELECT statement did not find any rows matching the selection criteria.

Action:

This may be a normal condition.

LDM4005L

SQL server abend: code at displacement in module

Reason:

The SQL server abended.

Action:

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM4007E

File Server task is not attached - SQL not activated

Reason:

The SQL Server requires the File Server to be active; when this requirement is not met, this message is issued.

Action:

Review CA-L-Serv's logs to determine why the file server is inactive.

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM4008E

SQL Server no longer functional

Reason:

The SQL Server or CA-L-Serv was stopped while an SQL statement was executing. The SQL statement may or may not have executed, or it may have been partially executed.

Action:

Review the CA-L-Serv's logs looking for previous error messages and for possible abends of the SQL server.

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM4010L

Program logic error at *displacement* in *module*, R15=*value*

Reason:

An internal SQL server error was encountered while processing an SQL statement.

Action:

Review the CA-L-Serv's logs looking for prior error messages and possible abends of the SQL server.

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM4013L

Stack error at displacement in module

Reason:

An internal SQL server error was encountered while processing an SQL statement.

Action:

Review the CA-L-Serv's logs looking for prior error messages and possible abends of the SQL server.

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM4014L

Insufficient storage error at *displacement* in *module*

Reason:

The SQL server was unable to acquire the storage required to process an SQL statement.

Action:

You may need to increase the CA-L-Serv region.

If no operational problem is found, retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM4015L

Program logic error - bad parameter list

Reason:

An internal error was encountered while processing an SQL statement.

Action:

Review the CA-L-Serv logs looking for prior error messages and possible abends of the SQL server.

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM4016L

Insufficient storage condition in LDMSQLPC

Reason:

The SQL server was unable to acquire the storage required to process an SQL statement.

Action:

You may need to increase the CA-L-Serv's region.

If no operational problem is found, retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM4017L

Program logic error - bad packet token

Reason:

An internal error was encountered while processing an SQL statement.

Action:

Review the CA-L-Serv's logs looking for prior error messages and possible abends of the SQL server.

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM4018L

Program logic error - bad return code, but no message

Reason:

An internal error was encountered while processing an SQL statement.

Action:

Review the CA-L-Serv's logs looking for prior error messages and possible abends of the SQL server.

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM4019L

Compiler program logic error

Reason:

Internal error while processing an SQL statement.

Action:

Review the CA-L-Serv logs looking for prior error messages and possible abends of the SQL server.

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM4020E

SQL statement contains no text

Reason:

This message is issued when the LSQL command is entered without any accompanying arguments.

Action:

Refer to the *Reference Guide* for additional information concerning the LSQL command.

LDM4022E

Only *nnn* rows searched, as directed on OPTIONS SCANLIMIT command

Reason:

The SQL server has scanned the maximum number of records defined by the SCANLIMIT parameter of the ATTACH SQLSERVER command.

Action:

If necessary, increase the SCANLIMIT value.

LDM4023E

Unable to automatically expand rows with primary keys

Reason:

For tables defined with leading NULL bytes, a new column could not be added because there was not enough room in the leading SQL NULL bytes to contain the new column's NULL bit.

Action:

Review the SQL statements in the *Reference Guide* for additional information.

LDM4024E

Update access conflict for table *tablename* to file *filename*

Reason:

An SQL statement could not update or delete rows for a table because there were other operations in progress against the same table (for this same statement). This can occur when the SQL statement references the same table more than once (e.g., as the main table as well as the table in a subquery or join operation). This type of conflict can occur for two different tables if the two tables are contained in the same VSAM file. This restriction prevents VSAM Control Interval lockouts.

Action:

Reformulate the SQL statement to avoid this deadlock. Usually, this requires using two different SQL statements.

LDM4025I

Row updated

Reason:

These messages acknowledge the various types of updates performed against an SQL table.

Action:

No action required. These messages are informational.

LDM4026I

***nnn* rows updated**

Reason:

These messages acknowledge the various types of updates performed against an SQL table.

Action:

No action required. These messages are informational.

LDM4027I

Row deleted

Reason:

These messages acknowledge the various types of updates performed against an SQL table.

Action:

No action required. These messages are informational.

LDM4028I

***nnn* rows deleted**

Reason:

These messages acknowledge the various types of updates performed against an SQL table.

Action:

No action required. These messages are informational.

LDM4033I

Row inserted

Reason:

These messages acknowledge the various types of updates performed against an SQL table.

Action:

No action required. These messages are informational.

LDM4034I

***nnn* rows inserted**

Reason:

These messages acknowledge the various types of updates performed against an SQL table.

Action:

No action required. These messages are informational.

LDM4034L

Column missing, or COL# column is damaged - table inaccessible

Reason:

The SQL server was unable to access the column referenced by COL# or the column is missing.

Action:

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM4035L

Column *xxxx* contains invalid data type - table damaged and inaccessible

Reason:

The SQL server was unable to access the column referenced by *xxxx* because the corresponding table specifies an invalid data type for the column.

Action:

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM4036L

Table dictionary row missing or damaged

Reason:

In the TABLE data dictionary table, the row that describes a relational table is missing or damaged. The SQL server marks that table as damaged so that it is no longer accessible.

Action:

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM4040E

Table access is now disabled

Reason:

This message always follows other error messages that indicate reporting a problem with the dictionary structure for the table. This message signals that access to the table is no longer allowed.

Action:

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM4041I

SQL table *xxxx* is now available

Reason:

This message is issued during SQL initialization to signal that the identified table is now ready for access.

Action:

No action required. This message is informational.

LDM4042L

Table ID *xxxx* is invalid - table inaccessible

Reason:

The table id *xxxx* is invalid. The SQL server will fail requests attempting to access the table.

Action:

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM4044E

Table had *n1* rows, now has *n2* - TABLE data dictionary table updated

Reason:

The number of rows read in a table does not match the number of rows specified for that table. (The ROW COUNT column of the TABLE data dictionary table indicates how many rows are specified for that table.) The SQL server automatically updates the ROW COUNT column to reflect the number of rows read in.

Action:

This message usually appears after other messages report that certain data rows were discarded. If this is not the case, retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM4050I

SQL facilities are now available

Reason:

This message is issued when the SQL server has completed initialization and is ready to process SQL queries.

Action:

No action required. This message is informational.

LDM4052E

SQL initialization unable to proceed

Reason:

The SQL server is unable to initialize and terminates.

Action:

Review the CA-L-Serv logs looking for previous error messages to determine why the SQL server is unable to initialize.

Gather the appropriate diagnostic information, and then call CA Support.

LDM4053L

Logic error during SQL initialization

Reason:

The SQL server encountered an error and did not initialize successfully.

Action:

Gather the appropriate diagnostic information, and then call CA Support.

LDM4054L

SQL initialization abend: *code* at *displacement* in *module*

Reason:

The SQL server abended and did not initialize successfully.

Action:

Gather the appropriate diagnostic information, and then call CA Support.

LDM4055E

SQL initialization failed; SQL facilities are not available

Reason:

The SQL server encountered an error and did not initialize successfully.

Action:

Gather the appropriate diagnostic information, and then call CA Support.

LDM4056E

DATABASE clause missing from CREATE TABLE statement

Reason:

A CREATE TABLE statement does not indicate the data set against which the table is to be mapped.

Action:

Refer to the description of the CREATE TABLE statement.

LDM4057E

Error for table xxxx

Reason:

The CREATE TABLE statement for table *xxxx* is in error.

Action:

Refer to the description of the CREATE TABLE statement.

LDM4058E

DATABASE clause in CREATE TABLE statement contains an error

Reason:

Parameters in the DATABASE clause of the CREATE TABLE statement are invalid. This message is followed by additional messages indicating the problem.

Action:

Refer to the description of the CREATE TABLE statement.

LDM4059E

VSAM key is at offset *xxxx*; CREATE TABLE statement points at offset *yyyy*

Reason:

The CREATE statement and the offset value specified when the VSAM data set was defined are inconsistent: the relational table's primary key must include the VSAM file key.

Action:

Refer to the description of the CREATE TABLE statement.

LDM4060E

VSAM key length *(nn)* is too long; maximum length is 100 bytes

Reason:

The length specified for a primary key exceeds the maximum length of 100 bytes.

Action:

Refer to the description of the CREATE TABLE statement.

LDM4061E

Primary key size *(nn1)* is larger than the VSAM key size *(nn2)*

Reason:

The length of a primary key cannot exceed the length specified when the VSAM data set was created.

Action:

Refer to the description of the CREATE TABLE statement.

LDM4062E

SQL row size *(nn1)* exceeds maximum VSAM recsize *(nn2)*

Reason:

The total row size **nn1** adds up to more than the maximum record length specified when the VSAM data set was created.

Action:

Refer to the description of the CREATE TABLE statement.

LDM4063E

Database damage detected on *tablename*

Reason:

This message is issued when a VSAM record does not match its corresponding SQL table. This can occur when a table is associated with the wrong file, or when a CREATE TABLE statement was incorrectly formulated.

Action:

Review the CREATE TABLE statement.

LDM4064E

Row should be *n* bytes in length, not *m*

Reason:

This message is issued when a VSAM record does not match its corresponding SQL table. This can occur when a table is associated with the wrong file, or when a CREATE TABLE statement was incorrectly formulated.

Action:

Review the CREATE TABLE statement.

LDM4065E

Unable to open file *filename*

Reason:

The SQL Server cannot open the VSAM file *filename*. The most common cause of this is the absence of a file definition for the file, as established with the ADDFILE command.

Action:

Review the file server log to determine possible errors concerning the file. Issue a DISPLAY DATABASE command to list the current status of the file.

LDM4072I

Above statement unsupported in this venue

Reason:

This message is issued if any statement other than a CREATE TABLE or DROP TABLE appears in the LDMSQDEF file at startup.

Action:

Remove improper statements from LDMSQDEF file.

LDM4073L

Unable to retrieve statement summary - RC=*code*

Reason:

The SQL server encountered an internal logic error.

Action:

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM4074E

Insufficient security access to database *xxxx* for this request

Reason:

A statement could not be executed because the requestor is not authorized at the necessary level.

Action:

If you need more authorization, contact your security administrator.

LDM4075E

Unable to retrieve database identification - RC=*code*

Reason:

This message is issued by the LSQL command after the command failed to verify the file underlying an SQL table. The *code* is the CA-L-Serv return code.

Action:

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM4080I

SQL Statistics

```
LDM4081I        Statement   Count   DB Activity   Count
LDM4082I        statement   nn1      type          nn2
LDM4083I
LDM4084I        Last Row    Table     Row (Key)    Time
LDM4090I        Selected    name      name         time
LDM4091I        Fetched     name      name         time
LDM4092I        Inserted    name      name         time
LDM4093I        Updated     name      name         time
LDM4094I        Deleted     name      name         time
LDM4083I
LDM4086I        Compilations:  nn     Avg Service Time: nn
LDM4087I        Execution:     nn                       nn
LDM4083I
LDM4088I        Errors:  Compilation   Execution   Logic
LDM4089I                    nn           nn          nn
```

Reason:

These messages display information about the SQL server's SQL activities, as follows:

- In the Statement area, each type of statement is listed, along with the number of executions for that statement (*nn1*).
- In the DB Activity area, each type of activity (Read, Write, and so on) is listed, along with the number of times the activity was performed (*nn2*).
- In the Last Row area, each type of row activity (Selected, Fetched, and so on) is listed, along with the name of the table and row last affected by the activity. The time the activity was last performed is also shown.

- In the Compilations area, the total number of SQL statements compiled and executed is shown, along with the average number of milliseconds per operation.
- In the Errors area, the number of compilation, execution, and SQL logic errors is shown.

Action:

No action is required. These messages are informational.

LDM4101E

Error near *text:* Invalid delimiter *xx*

Reason:

The SQL server detected a syntax error.

Action:

Review the information contained in the message and reference the information concerning the statement's syntax.

LDM4102E

Error near *text:* Character *xx* has no function in SQL

Reason:

The SQL server detected a syntax error.

Action:

Review the information contained in the message and reference additional information concerning the statement's syntax.

LDM4103E

Error near *text:* Non-printable hex character found

Reason:

The SQL server detected a syntax error.

Action:

Use SPF EDIT in HEX mode to find the character then respecify the statement.

LDM4104E

Error near *text:* Unpaired left parenthesis

Reason:

The SQL server detected a syntax error.

Action:

Review the information contained in the message.

LDM4105E

Error near *text:* Unpaired right parenthesis

Reason:

The SQL server detected a syntax error.

Action:

Review the information contained in the message.

LDM4106E

Error near *text:* Cannot include more than 3 levels of parentheses

Reason:

The statement contains more than the maximum level of parentheses allowed.

Action:

Refer to additional information concerning the statement's syntax.

LDM4107E

Error near *text:* Unpaired apostrophe

Reason:

The SQL server found an unpaired apostrophe.

Action:

Refer to additional information concerning the statement's syntax.

LDM4108E

Error near *text:* Word *xxxx* is reserved or is used for an unsupported function

Reason:

The SQL server detected a syntax error.

Action:

Review the information in the message and refer to additional information concerning the statement's syntax.

LDM4109E

Error near *text:* Statement has too many objects - shorten statement

Reason:

The SQL server detected a syntax error.

Action:

Review the information in the message and refer to additional information concerning the statement's syntax.

LDM4110E

Error near *text:* Improperly qualified name: *xxxx*

Reason:

A column name or table name specification is invalid. Each table or column name level must be no more than 18 characters long.

Action:

Refer to additional information concerning the statement's syntax and specifications.

LDM4111E

Error near *text: "word"* appears out of context

Reason:

Word appears in the wrong place or does not belong in the SQL statement.

Action:

Refer to additional information concerning the statement's syntax and specifications.

LDM4112E

Error near *text:* Table or column name *xxxx* too long (18 characters maximum)

Reason:

The table name or column name specified in the statement exceeds the maximum length of eighteen characters.

Action:

Refer to additional information concerning the syntax of SQL statements.

LDM4113E

Error near *text:* Host variable name *xxxx* too long (32 characters maximum)

Reason:

The host variable name specified in the statement exceeds the maximum length of thirty-two characters.

Action:

Refer to additional information concerning naming conventions for host variables.

LDM4114E

Error near *text:* Invalid numeric string - may have started SQL word with number

Reason:

The SQL server detected a syntax error.

Action:

Review the information in the message and refer to additional information concerning the statement's syntax.

LDM4115E

Error near *text:* Invalid hexadecimal value

Reason:

You must use the syntax X'*nnnn*' for the hexadecimal string, where *nnnn* contains hexadecimal digits 0-9 or A-F.

Action:

Review the information in the message and refer to additional information concerning the statement's syntax.

LDM4116E

Error near *text:* "*word*" must be followed by parenthetical expression

Reason:

The SQL server detected a syntax error.

Action:

Review the information in the message and refer to additional information concerning the statement's syntax.

LDM4130E

Error near *text:* Table name *tablename* has not been defined

Reason:

A column name was specified in the *tablename.columnname* format, but *tablename* is not otherwise defined as a table within the statement.

Action:

Refer to CA-L-Serv's logs to determine why the table was not defined.

LDM4131E

Error near *text:* Too many table references

Reason:

The number of base tables specified exceeds the maximum supported. The maximum number of tables that can be specified is 8.

Action:

Review the information in the message and refer to additional information concerning the statement's syntax.

LDM4140E

Error near *text:* Define column *xxxx* before referencing it as primary key

Reason:

The statement refers to column *xxxx* as the primary key, but the column has not yet been defined.

Action:

Review the information in the message and refer to additional information concerning the statement's syntax.

LDM4141E

Error near *text:* Bad primary key definition; non-adjacent columns or columns referenced out of order

Reason:

The SQL server detected a syntax error.

Action:

Review the information in the message and additional information concerning the statement's syntax.

LDM4142E

Error near *text:* "*xxxx*" not expected here

Reason:

The SQL server detected a syntax error.

Action:

Review the information in the message and refer to additional information concerning the statement's syntax.

LDM4143E

Error near *text:* Too many subqueries

Reason:

The number of subqueries specified exceeds the maximum supported. The maximum number of subqueries that can be specified is 7. (The number of subqueries allowed can be less than 7 if the statement contains joins.)

Action:

Refer to additional information concerning the statement's syntax.

LDM4144E

text: **Column *xxxx* is not a grouping column**

Reason:

In a SELECT statement containing a GROUP BY clause, a column name was requested in the selection list but not in the GROUP BY column list. Only values in the GROUP BY column list can be referenced.

Action:

Review the information in the message and refer to additional information concerning the utilization of the GROUP BY clause.

LDM4145E

text: **Grouping column *xxxx* was specified twice**

Reason:

A column was mentioned more than once in the GROUP BY clause.

Action:

Review the information in the message to determine the error and refer to additional information concerning the syntax of the GROUP BY clause.

LDM4146E

text: **No grouping columns present**

Reason:

The GROUP BY clause was not followed by at least one grouping column name.

Action:

Refer to additional information concerning the utilization of the GROUP BY clause.

LDM4147E

***text:* GROUP BY is missing**

Reason:

A HAVING clause was encountered on a SELECT statement but there was no corresponding GROUP BY clause. A GROUP BY clause must follow the HAVING clause on a SELECT statement.

Action:

Refer to additional information concerning the utilization of the GROUP BY and the HAVING clause.

LDM4150E

Error near *text:* Statement ended due to incomplete SQL syntax - may be misplaced semicolon

Reason:

The SQL server detected a syntax error.

Action:

Review the information in the message and refer to additional information concerning the statement's syntax.

LDM4151E

Error near *text:* Statement too large to compile

Reason:

The SQL statement exceeds the maximum size which can be compiled.

Action:

Refer to additional information concerning SQL server restrictions.

LDM4152E

Error near *text:* Column/aggregate value mixture is not allowed.

Reason:

The SQL server detected a syntax error. In a SELECT statement selection list, you cannot specify one or more column names (perhaps within a function) along with one or more aggregate value functions such as COUNT, MIN, or SUM.

Action:

Review the information in the message and refer to additional information concerning the statement's syntax and usage rules.

LDM4153E

Error near *text:* Expected character but got *value*.

Reason:

The SQL server detected a syntax error.

Action:

Provide a character value at the indicated point.

LDM4154E

Error near *text:* Invalid LIKE predicate matching pattern

Reason:

The matching pattern specified with a LIKE predicate is invalid. This message can occur when you specify something like the following:

```
. . . LIKE  'abcX'  ESCAPE  'X'
```

An error occurred because there were no additional characters after the escape character 'X' in the matching pattern.

Action:

Refer to additional information concerning the LIKE predicate.

LDM4155E

Error near *text:* Expected a single character but got *value*

Reason:

There are occasions in the SQL syntax where only a single 1-byte character string can be specified, such as the following:

```
LIKE '...' ESCAPE  'XY'
```

With ESCAPE, you can specify only a single character.

Action:

Review the information in the message and refer to additional information concerning the statement's syntax.

LDM4156E

Error near *text:* Invalid argument for function

Reason:

An argument for the identified function is incorrectly specified.

Action:

Review the information in the message and refer to additional information about specifying the function.

LDM4157E

Error near *text:* Invalid argument: *argument* - expected integer value

Reason:

The function being enacted requires an integer argument but received some other value type.

Action:

Review the information in the message and refer to additional information concerning the function and SQL value types.

LDM4158E

Error near *text:* Invalid argument: *argument* - expected character value

Reason:

The function being enacted requires a character string argument but received some other value type.

Action:

Review the information in the message and refer to additional information concerning the function and SQL value types.

LDM4160E

Error near *text:* Invalid table name *xxxx*

Reason:

Table names must contain from 1 to 18 alphanumeric characters, starting with an alphabetic character. Underscore characters can also be used in table names.

Action:

Refer to additional information concerning SQL syntax rules.

LDM4161E

Error near *text:* Invalid column name *xxxx*

Reason:

Column names must contain from 1 to 18 alphanumeric characters, starting with an alphabetic character. Underscore characters can also be used in column names.

Action:

Review the information in the message and refer to additional information concerning SQL syntax rules.

LDM4162E

Error near *text:* Column definition missing - may be missing parentheses

Reason:

The SQL server detected a syntax error.

Action:

Review the information contained in the message and refer to additional information concerning the statement's syntax.

LDM4163E

Error near *text:* Data type required in column definition

Reason:

The SQL server detected a syntax error.

Action:

Review the information contained in the message and refer to additional information concerning the statement's syntax.

LDM4164E

Error near *text:* Invalid data type *xxxx* in column definition

Reason:

The SQL server detected a syntax error.

Action:

Review the information contained in the message and refer to additional information concerning the statement's syntax.

LDM4165E

Error near *text:* Column name missing or incomplete

Reason:

The SQL server detected a syntax error.

Action:

Review the information contained in the message and refer to additional information concerning the statement's syntax.

LDM4167E

Error near *text:* PRIMARY KEY specification conflict

Reason:

You cannot specify PRIMARY KEY within a column definition *and* after all columns are defined. Choose one way or the other.

Action:

Refer to additional information concerning PRIMARY KEY specification.

LDM4168E

Error near *text:* Extraneous input

Reason:

The SQL server detected a syntax error.

Action:

Review the information contained in the message and refer to additional information concerning the statement's syntax.

LDM4169E

Error near *text:* Value missing for DEFAULT clause

Reason:

The DEFAULT clause does not introduce a value.

Action:

Review the information contained in the message and refer to additional information concerning the DEFAULT clause.

LDM4170E

Error near *text:* Value *xxxx* on DEFAULT clause is invalid

Reason:

The value specified in the DEFAULT clause is invalid.

Action:

Refer to additional information concerning the DEFAULT clause.

LDM4171E

Error near *text:* "*nn* " exceeds maximum value allowed for this data type

Reason:

The value *nn* exceeds the storage capacity defined for a column. If the column's data type is INTEGER, the maximum value is 2147483647. If the data type is SMALLINT, the maximum value is 32767.

Action:

Refer to additional information concerning maximum values supported for each data type.

LDM4172E

Error near *text:* Invalid syntax for CHAR or HEX data type

Reason:

The SQL server detected a syntax error.

Action:

Use the syntax CHAR(*n*) or HEX(*n*), where *n* is a numeric string.

Review the information contained in the message and refer to additional information concerning the DEFAULT clause.

LDM4173E

Error near *text:* Two columns with name *xxxx*

Reason:

The SQL server encountered duplicate column names.

Action:

Review the SQL log to identify the process leading up to the duplicate definition.

LDM4174E

Error near *text:* VALUES clause missing in column definition

Reason:

The statement requires a VALUES clause.

Action:

Review the information in the message and refer to additional information concerning the statement's syntax.

LDM4175E

Error near *text:* List on VALUES keyword is missing or invalid

Reason:

The SQL server detected a syntax error.

Action:

Review the information in the message and refer to additional information concerning the statement's syntax.

LDM4176E

Error near *text:* List missing for VALUES keyword

Reason:

The SQL server detected a syntax error.

Action:

Review the information in the message and refer to additional information concerning the statement's syntax.

LDM4177E

Error near *text:* Invalid value specification: *argument*.

Reason:

A value was specified that was not of a valid format for the function being enacted.

Action:

Refer to additional information concerning the statement's syntax.

LDM4178E

Error near *text:* Number of columns and column values unequal

Reason:

The SQL server detected a discrepancy between the number of columns in the table and the values specified in the statement.

Action:

Review the information in the message and refer to additional information concerning the statement's syntax.

LDM4179E

Error near *text:* Column name missing

Reason:

The SQL server detected a syntax error.

Action:

Review the information in the message and refer to additional information concerning the statement's syntax.

LDM4180E

Error near *text:* Invalid syntax for assigning value to column

Reason:

The SQL server detected a syntax error.

Action:

Review the information in the message and refer to additional information concerning the statement's syntax.

LDM4181E

Error near *text:* SET clause missing

Reason:

The SQL server detected a syntax error.

Action:

Review the information in the message and refer to additional information concerning the statement's syntax.

LDM4182E

Error near *text:* Predicate incomplete or invalid

Reason:

The SQL server detected an invalid or incomplete predicate.

Action:

Review the information in the message and refer to additional information concerning the statement's syntax.

LDM4183E

Error near *text:* Feature not supported by CA-L-Serv

Reason:

The feature is not supported by CA-L-Serv SQL.

Action:

Review the information in the message and refer to additional information concerning the statement's syntax.

LDM4184E

Error near *text:* WHERE clause required

Reason:

A WHERE clause is required for this statement.

Action:

Review the information in the message and refer to additional information concerning the statement's syntax.

LDM4185E

Error near *text:* Unknown expression in WHERE clause

Reason:

The WHERE clause contains an unknown expression.

Action:

Review the information in the message and refer to additional information concerning the syntax of WHERE clauses.

LDM4186E

Error near *text:* Cannot include more than 3 levels of parentheses in search criteria

Reason:

The search criteria contain more than three levels of parentheses.

Action:

Refer to additional information concerning the specification of search criteria.

LDM4187E

Error near *text:* Search criteria missing or invalid on WHERE clause

Reason:

The WHERE clause does not contain search criteria or the search criteria specified are invalid.

Action:

Refer to additional information concerning the specification of search criteria.

LDM4188E

Error near *text:* Location of term *xxxx* invalid

Reason:

The SQL server detected a syntax error.

Action:

Review the text of the message and refer to additional information concerning the statement's syntax.

LDM4189E

***text:* Float point columns not permitted in the primary key**

Reason:

Because of the imprecision of floating point numbers, columns of data type FLOAT, DOUBLE PRECISION, and REAL cannot be primary keys.

Action:

Refer to additional information concerning the specification of primary keys.

LDM4190E

Error near *text:* Invalid host variable name *xxxx* - may be colon out of context

Reason:

The host variable name specified in the statement is invalid.

Action:

Refer to additional information concerning the specification of host variables.

LDM4191E

Error near *text:* FROM clause on SELECT or DELETE statement is missing or invalid

Reason:

A FROM clause specified after a SELECT or DELETE verb is missing or the clause is invalid.

Action:

Review the text of the message and refer to additional information concerning the specification of FROM clauses.

LDM4192E

Error near *text:* Add host variables to statement - more column values than host variables

Reason:

The SQL server detected a logic error in an SQL statement. The numbers of host variables and column values are inconsistent.

Action:

Correct the inconsistency.

LDM4193E

Error near *text:* More host variables in statement than columns of data

Reason:

The SQL server detected a logic error in an SQL statement. The numbers of host variables and columns are inconsistent.

Action:

Correct the inconsistency.

LDM4194E

Error near *text:* DECLARE statement contains syntax error

Reason:

The SQL server detected a syntax error in a DECLARE statement.

Action:

Refer to additional information concerning the DECLARE statement.

LDM4195E

Error near *text:* Invalid cursor name *xxxx*

Reason:

The SQL server detected an invalid cursor name.

Action:

Refer to additional information concerning the specification of cursors.

LDM4196E

Error near *text:* SELECT clause required

Reason:

The SQL server detected that an SELECT clause is missing.

Action:

Refer to additional information concerning usage rules for SELECT clauses.

LDM4197E

Error near *text:* INTO verb missing from SELECT clause

Reason:

The SQL server detected a syntax error

Action:

Review the text of the message and refer to additional information concerning statement's syntax.

LDM4198E

Error near *text:* Numeric expressions not allowed in an IN predicate

Reason:

An IN predicate specified a numeric expression.

Action:

Review the text of the message and refer to additional information concerning statement's syntax.

LDM4199E

Error near *text:* Argument list for IN predicate missing or invalid

Reason:

The IN predicate does not specify an argument list or the argument list specified is invalid.

Action:

Review the text of the message and refer to additional information concerning statement's syntax.

LDM4200E

Error near *text:* Too many columns defined for table - 250 columns per table maximum

Reason:

The SQL server detected that the maximum number of columns for a table was exceeded.

Action:

Review the text of the message additional information concerning table definitions.

LDM4201E

Error near *text:* Columns cannot contain more than 32,000 bytes total

Reason:

The SQL server detected that the maximum size of a column for a table was exceeded.

Action:

Review the text of the message and refer to additional information concerning column definitions.

LDM4202E

Error near *text:* Column cannot contain null value

Reason:

The column definition is not consistent with the null value specified.

Action:

Review the text of the message and refer to additional information concerning data types and column definitions.

LDM4203E

Primary key size exceeds maximum of 100 bytes

Reason:

The primary key definition exceeds the maximum of 100 bytes.

Action:

Refer to additional information concerning primary key definitions.

LDM4204E

Error near *text:* ALTER TABLE statement has syntax error

Reason:

The SQL server detected a syntax error in an ALTER TABLE statement.

Action:

Review the text of the message and refer to additional information concerning the syntax of the ALTER TABLE statement.

LDM4205E

Error near *text:* Invalid syntax in DATABASE clause

Reason:

The syntax of the DATABASE clause is invalid.

Action:

Review the text of the message and refer to additional information concerning the DATABASE clause.

LDM4206E

Error near *text:* Host variable *xxxx* has already been used to define a column name

Reason:

The host variable already refers to another column.

Action:

Review the text of the message and refer to additional information concerning host variables.

LDM4207E

Error near *text:* Invalid DECIMAL column type specification

Reason:

The DECIMAL(*nnn*) data type was incorrectly formulated on the CREATE TABLE or ALTER TABLE statement.

Action:

Refer to additional information concerning data types and column definitions.

LDM4208E

Error near *text:* Incomplete or erroneous ORDER BY specification

Reason:

The ORDER BY clause was incorrectly formulated.

Action:

Refer to additional information concerning the ORDER BY clause.

LDM4209E

Error near *text:* Numeric value *value* exceeds maximum allowed for ORDER BY specifications

Reason:

The ORDER BY clause allows the specification of a relative selection list number (*value)*. For example, 4 would identify the 4th item in the selection list. This message is issued when the *value* specified is zero or negative, or is larger than the number of items in the selection list.

Action:

Review the text of the message and refer to additional information concerning the ORDER BY clause.

LDM4210E

Error near *text:* Too many names/integers specified with ORDER BY specification

Reason:

The maximum number (255) of ORDER BY items has been exceeded.

Action:

Refer to additional information concerning restrictions with the ORDER BY clause.

LDM4211E

Error near *text:* Duplicate correlation name: *aliasname*.

Reason:

The same correlation name (that is, alias name) was defined for more than one table. Each correlation name must be matched to exactly one table.

Action:

Review the text of the message and refer to additional information concerning correlation names.

LDM4212E

Error near *text*: *value* is below minimum value allowed for this data type.

Reason:

On the CREATE TABLE statement, a column specification was below the minimum required value.

Action:

Check the minimum and maximum values for each data type.

LDM4213E

Error near *text:* Invalid Date/Time Specification: *value*

Reason:

A value specified for a DATE, TIME, or TIMESTAMP value is invalid. The format expected for the various types are as follows:

Type	Format	Example
DATE	YYYY-MM-DD	1993-04-30
TIME	HH:MM:SS	15:23:32
TIMESTAMP	YYYY-MM-DD HH:MM:SS	1993-04-30 15:23:32

Action:

Refer to additional information concerning DATE, TIME, and TIMESTAMP specifications.

LDM4300E

***xxxx* is not a valid SQL verb**

Reason:

The *xxxx* literal is not a valid SQL verb.

Action:

Review the text of the message and refer to a list of valid SQL verbs.

LDM4301E

***xxxx* is a reserved keyword for the *yyyy* verb**

Reason:

The *xxxx* keyword is reserved and has been used out of context.

Action:

Review the text of the message and refer to additional information concerning the *xxxx* keyword.

LDM4302E

***zzzz* required after this SQL verb**

Reason:

The SQL verb must be followed by *zzzz*.

Action:

Refer to additional information concerning the statement's syntax.

LDM4303E

Cannot use cursor operation from your environment

Reason:

Cursors can only be used from environments that support variables such as REXX and CLIST.

Action:

Refer to additional information concerning cursors.

LDM4305E

Cannot use host variable *(xxxx)* in a statement invoked from your environment

Reason:

Cursors can only be used from environments that support variables such as Rexx and Clist.

Action:

Refer to additional information concerning cursors.

LDM4306E

Primary key required in table definition

Reason:

An attempt was made to define a table without a primary key.

Action:

Refer to additional information concerning primary keys.

LDM4380L

SQL internal invocation error. Statement in error follows.

Reason:

An internal logic error occurred during SQL initialization.

Action:

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM4381L

Column *columnname* of row *rowkey* in the *tablename* table is bad

Reason:

During SQL initialization, a problem was detected with the dictionary row that describes the identified column. The table is unavailable for use. This message usually indicates database damage.

Action:

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM4382L

Column dictionary structure for table *tablename* has failed validation

Reason:

During SQL initialization, a problem was detected with the dictionary row that describes the identified table. The table is unavailable for use. This message usually indicates database damage.

Action:

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM4383L

Table ID *id* of table *tablename* is not valid

Reason:

During SQL initialization, a problem was detected with the dictionary row that describes the identified table. The content of the ID column in the TABLE row was not valid. The table is unavailable for use. This message usually indicates database damage.

Action:

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM4384L

Table *tablename* has a table ID of *xxx* but that ID is already in use - table inaccessible

Reason:

During SQL initialization, a problem was detected with the dictionary row that describes the identified table. The ID column of the identified table was previously encountered in the ID column of a different TABLE row. The table is unavailable for use. This message usually indicates database damage.

Action:

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM4385L

The default row for table *tablename* cannot be found - table inaccessible

Reason:

During SQL initialization, a problem was detected with the DEFAULT dictionary row associated with the identified table. The DEFAULT row could not be found. The table is unavailable for use. This message usually indicates database damage.

Action:

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM4386L

Unable to read in TABLE row due to length error - unidentified table is inaccessible

Reason:

During SQL initialization, a problem was detected with the dictionary row that describes the identified table. The length of the TABLE row that was read from the database is too short. The table is unavailable for use. This message usually indicates database damage.

Action:

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM4387L

Unable to read in TABLE row for the COLUMN table

Reason:

During SQL initialization, a problem was detected during initial processing of the SQL dictionary. The table is unavailable for use. This message usually indicates database damage.

Action:

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM4388I

SQL Dictionary Tables have been created

Reason:

During SQL initialization, the SQL dictionary was found to be empty. The necessary SQL dictionary rows were created and written to the database.

Action:

No action is required. This message is informational.

LDM4401E

CREATE TABLE statement failed - table *xxxx* already exists

Reason:

An attempt was made to create table *xxxx* but the table already exists.

Action:

Review CA-L-Serv's SQL log to determine why the table already exists.

LDM4402E

Row *nn* already exists in table *xxxx*

Reason:

An attempt was made to add a row in table *xxxx* but the row already exists.

Action:

Review the sequence of events or the logic of the REXX EXEC or CLIST leading up to the error.

LDM4403E

Definition for column *xxxx* in table *yyyy* does not allow null value

Reason:

Null values are not allowed for this column.

Action:

Refer to additional information concerning data types and column definitions.

LDM4404E

Insert to table *xxxx* failed; column *yyyy* was not set or was set to null

Reason:

An insertion against table *xxxx* failed.

Action:

Review the text of the message and refer to additional information concerning data types and column definitions.

LDM4405E

Table *xxxx* does not exist

Reason:

An attempt was made to reference table *xxxx* but it does not exist.

Action:

Review the CA-L-Serv SQL message log looking for error messages which may help determine why the table does not exist.

LDM4406E

Table *yyyy* does not have a column *xxxx*

Reason:

An attempt was made to reference column *xxxx* in table *yyyy* but the column does not exist.

Action:

Review the logic leading up to the error. Use the SQL log to determine if any changes were recently made to the structure of the table.

LDM4407E

text* data conversion error. Table: *xxx*, column: *yyyy

Reason:

An expression contains an improper data type or comparison. For example, you may be trying to update a numeric column with character data.

Action:

Refer to additional information concerning data types and column definitions.

LDM4408E

Text in error: *text*

Reason:

An expression contains an improper data type or comparison. For example, you may be trying to update a numeric column with character data.

Action:

Refer to additional information concerning data types and column definitions.

LDM4409E

Text in error (via variable *xxxx*): *text*

Reason:

An expression contains an improper data type or comparison. For example, you may be trying to update a numeric column with character data.

Action:

Refer to additional information concerning data types and column definitions.

LDM4410E

Variable *xxxx* has null value - cannot have null value for primary key column

Reason:

Null values are not allowed for primary keys.

Action:

Refer to additional information concerning primary keys.

LDM4411E

Cannot use numeric data in this column

Reason:

An attempt was made to store numeric data in this column but this is inconsistent with the column's definition.

Action:

Refer to additional information concerning data types and column definitions.

LDM4412E

Cannot use character data in this column

Reason:

An attempt was made to store character data in this column but this is inconsistent with the column's definition.

Action:

Refer to additional information concerning data types and column definitions.

LDM4413E

Cannot use hexadecimal data in this column

Reason:

An attempt was made to store hexadecimal data in this column but this is inconsistent with the column's definition.

Action:

Refer to additional information concerning data types and column definitions.

LDM4414E

Update error. Table: *xxxx*, column: *yyyy*

Reason:

An attempt was made to update a column in a table but the attempt failed.

Action:

Review the CA-L-Serv SQL log and message log for additional messages concerning the problem.

LDM4415E

Primary key column cannot be updated

Reason:

You cannot change a primary key column through an UPDATE statement.

Action:

To change this column value, extract the value from every other column in that row and then delete the row. Then, add a new row, using the PRIMARY KEY column value and the values you extracted for other columns.

LDM4416E

Too many tables defined - maximum of 1,000 tables is supported

Reason:

An attempt was made to create more than 1,000 tables. This exceeds the maximum supported by CA-L-Serv.

Action:

Refer to additional restrictions.

LDM4417E

More values on INSERT statement than columns in table *xxxx*

Reason:

An attempt was made to insert a number of values greater than the number of columns defined in table *xxxx***.**

Action:

Review the CA-L-Serv SQL log and message log to determine the process leading up to the error.

LDM4418E

Host variable *xxxx* has null value - cannot use null value for a table or column name

Reason:

An attempt was made to refer to a table or column with a null value.

Action:

Reference the description of the statement.

LDM4419E

***name*, supplied via host variable *xxxx*, is too large - 18 bytes maximum**

Reason:

The host variable *xxxx* does not contain a valid name. The maximum length allowed is 18 bytes.

Action:

Reference a description of CA-L-Serv's SQL syntactic requirements.

LDM4420E

Search condition evaluation error

Reason:

A comparison was attempted on columns with different data types.

Action:

Refer to additional information concerning search conditions and data types.

LDM4421E

Cannot compare different types of data

Reason:

A comparison was attempted on columns with different data types.

Action:

Refer to additional information concerning search conditions and data types.

LDM4422E

Value 1: *xxxx* Value 2: *yyyy*

Reason:

A comparison was attempted on columns with different data types.

Action:

Refer to additional information concerning search conditions and data types.

LDM4423E

''*text*'', supplied via host variable *xxxx*, is not a valid name

Reason:

A table or column name, supplied from a host variable, was not valid.

Action:

Refer to a description of syntax and usage rules and restrictions concerning table names.

LDM4424E

xxxx function argument *nn* (*value*) is invalid.

Reason:

The function argument is invalid.

Action:

Refer to a description of the function's syntax.

LDM4425E

Wrong type *value* encountered during expression evaluation.

Reason:

Evaluation of an expression failed because it does not follow SQL syntax rules. A numeric or a character value was expected but *value* was specified instead.

Action:

Refer to a description of SQL syntax and data types.

LDM4426E

Expected a numeric value but encountered: *value*

Reason:

Evaluation of an expression failed because it does not follow SQL syntax rules. A numeric or a character value was expected but *value* was specified instead.

Action:

Refer to a description of SQL syntax and data types.

LDM4427E

Expected a character value but encountered: *value*

Reason:

Evaluation of an expression failed because it does not follow SQL syntax rules. A numeric or a character value was expected but *value* was specified instead.

Action:

Refer to a description of SQL syntax and data types.

LDM4428E

No default definition for table *xxxx*

Reason:

No default definition was specified for table *xxxx***.**

Action:

Refer to additional information concerning table creation and default definitions.

LDM4430E

Cursor *name* is not active

Reason:

The statement refers to cursor *name* but the cursor is not active.

Action:

Refer to additional information concerning the utilization of cursors.

LDM4431E

More columns than host variables for FETCH statement

Reason:

Because you may not want all of the values selected by a FETCH statement, this message is only a warning. The &SQLCODE variable is not affected.

Action:

Refer to a description of the statement.

LDM4432E

Columns not used: *columnlist*

Reason:

Because you may not want all of the values selected by a FETCH statement, this message is only a warning. The &SQLCODE variable is not affected.

Action:

Refer to a description of the statement.

LDM4433E

More host variables than columns for FETCH statement

Reason:

This message is only a warning about a potential error. The &SQLCODE variable is not affected.

Action:

Refer to a description of the statement.

LDM4434E

Variables not set: *varlist*

Reason:

This message is only a warning about a potential error. The &SQLCODE variable is not affected.

Action:

Refer to a description of the statement.

LDM4435E

Invalid table reference for cursor operation *xxxx*

Reason:

An attempt was made to reference a table with cursor *xxxx* but the operation is invalid**.**

Action:

Refer to a description of the statements and cursor utilization.

LDM4436E

Table *yyyy* referenced on DECLARE statement; table *zzzz* referenced on UPDATE or DELETE statement

Reason:

An attempt was made to reference a table with cursor **xxxx** but the operation is invalid**.**

Action:

Refer to a description of the statements and cursor utilization.

LDM4437E

Update failed - row already deleted

Reason:

An attempt was made to delete a row but the row is already deleted.

Action:

If executing a CLIST or REXX EXEC, see the SQL log to determine the process leading to the error.

LDM4438E

Cannot insert data in table - value for column *xxxx* is missing

Reason:

An attempt was made to insert data in a table but no value was specified for column *xxxx*.

Action:

Specify a value for all columns defined by the CREATE TABLE statement.

LDM4439E

Conflicting references to *colname* in the search condition

Reason:

The search criteria you provided cannot possibly exist. (For example, you specified COL1='ABC' AND COL1>'ABC'.)

Action:

Refer to additional information on the utilization of search conditions.

LDM4440E

Column *columnname* is inappropriate as an argument for the *functionname* function.

Reason:

You used the wrong data type for the specified column.

Action:

Refer to a description of functions and data types.

LDM4441L

Decimal scaling error encountered.

Reason:

During arithmetic operations on the SQL statement, an illegal decimal scaling value was obtained from the SQL dictionary.

Action:

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

LDM4442L

Decimal overflow

Reason:

During arithmetic operations on the SQL statement, the summation of a numeric value exceeded the largest value that can be supported (1015).

Action:

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM4443E

LIKE predicate expects a character string argument.

Reason:

The LIKE predicate can only introduce a character string.

Action:

Refer to a description of the LIKE predicate.

LDM4444E

Invalid decimal value encountered.

Reason:

Decimal columns in one or more rows contain invalid packed decimal numbers.

Action:

Refer to a description of restrictions concerning the decimal data type.

LDM4445E

Table *xxxx* does not exist or is inaccessible

Reason:

An attempt was made to access table *xxxx* but the table does not exist or is inaccessible.

Action:

Review the CA-L-Serv message log to determine why the table cannot currently be accessed.

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM4447E

Expression evaluation data conversion error.

Reason:

The SQL server could not convert a value. This message is followed by additional messages (LDM4407E, LDM4408E, and so on) that provide more details.

Action:

Refer to additional information concerning the rules of data conversion.

LDM4450E

Table *xxxx* damage detected during SQL initialization - table inaccessible

Reason:

The SQL server detected a damaged table.

Action:

Review the output of previous CA-L-Serv executions to determine how the table was damaged. You will have to DROP the current table definition and recreate it before you can access the data.

Retain the appropriate diagnostic information (abend dumps, SVC dumps, system logs, and supporting data) and call CA Support.

LDM4452E

ALTER TABLE statement failed - column *xxxx* already exists

Reason:

An attempt was made to add column *xxxx* to a table but the attempt failed because the column already exists.

Action:

Review the CA-L-Serv SQL log to determine the cause of the problem.

LDM4453E

Too many columns defined for table *xxxx* - 250 columns per table maximum

Reason:

The maximum number of columns allowed for a table was exceeded.

Action:

Refer to a description of SQL table's restrictions.

LDM4454E

ALTER TABLE operation not permitted for table *tablename* - increase in rows would exceed the maximum allowed

Reason:

An attempt was made to add columns to table *tablename* but the result of the operation would cause the maximum number of rows to be exceeded.

Action:

Refer to a description of SQL table's restrictions.

LDM4455E

Subquery execution selected more than one row.

Reason:

A subquery (for example, a SELECT statement inside of another SQL statement) returned more than one value when the situation allowed only a single value to be returned.

Action:

Reformulate the subquery to return only the single value desired.

LDM4456E

No rows inserted. Query returned no rows

Reason:

A subquery returned no rows, therefore, no rows were inserted.

Action:

Refer to a description of subqueries.

LDM4457I

***nnn* rows inserted**

Reason:

This information describes the number of rows inserted using a query form of the SQL INSERT statement.

Action:

No action is required. This is an informational message.

LDM4458E

***nnn* rows not inserted due to duplicate key**

Reason:

During an attempt to add multiple rows to a table using an INSERT statement with a subquery, one or more rows (*nnn*) were not inserted due to duplicate keys.

Action:

Review the SQL log to determine what leads up to the error. Depending on the application's logic this may be a normal condition.

LDM4460E

Date type value inappropriate for this column

Reason:

An attempt was made to use a date type value for the column but this is inconsistent with the column's definition.

Action:

Refer to additional information concerning the date data type.

LDM4461E

Time type value inappropriate for this column

Reason:

An attempt was made to use a time type value for the column but this is inconsistent with the column's definition.

Action:

Refer to additional information concerning the time data type.

LDM4462E

Timestamp type value inappropriate for this column

Reason:

An attempt was made to use a timestamp type value for the column but this is inconsistent with the column's definition.

Action:

Refer to additional information concerning the timestamp data type.

LDM4463E

Numeric value specified (*nnnn*) too large for this column type

Reason:

The value specified is too large to fit in the column specified. For SMALLINT columns, the maximum value is 32767. For INTEGER columns, the maximum is 2147483647. For DECIMAL columns, the maximum depends on the precision and scale that were specified when the column was created. For floating point columns, the maximum value is 1E60.

Action:

Refer to additional information on data type restrictions.

LDM4464E

Invalid numeric value specified

Reason:

The numeric value specified through a host variable was incorrectly formulated. This message is followed by message LDM4409E, which displays the contents of the host variable.

Action:

Refer to additional information concerning the formulation of numeric values.

LDM4465E

Invalid hexadecimal value specified

Reason:

An attempt was made to use a date type value for the column but this is inconsistent with the column's definition.

Action:

Refer to additional information concerning the formulation of hexadecimal values.

LDM4466E

Invalid *datetime* value specified

Reason:

The *datetime* value specified through a host variable was incorrectly formulated. The expected format is similar to the literal but without the literal introducer and apostrophes. For example, a date would be entered as 1994-04-30.

Action:

Refer to additional information concerning the formulation of *datetime* values.

LDM4475E

Column *column* is not in the selection list

Reason:

This message is issued when a column name (*column*) specified in the ORDER BY clause was not also mentioned in the selection list.

Action:

Refer to additional information concerning ORDER BY clauses.

LDM4476E

***Text-in-error* is an invalid ordering specification**

Reason:

A relative selection list number specified in the ORDER BY clause is invalid.

Action:

Refer to additional information concerning ORDER BY clauses.

LDM4477E

Warning: The Row Match Limit, set at *nnn*, has been exceeded

Reason:

The Row Match Limit is set by the CA-L-Serv OPTIONS command.

Action:

You may choose to issue an OPTIONS TASK(SQL),MATCHLIMIT= command to increase the Row Match Limit.

LDM4478E

Premature End-Of-File has been forced

Reason:

The Row Match limit, which controls the number of base I/O operations that are permitted per SQL statement, has been exceeded. SQL statement execution proceeds by prematurely pretending that all the rows in the table being scanned have been read, when in fact they have not. This can result in an incomplete operation.

Action:

You may choose to issue an OPTIONS TASK(SQL),MATCHLIMIT= command to increase the Row Match Limit.

LDM4479E

Primary key columns can not be dropped

Reason:

Primary key columns cannot be removed using the ALTER TABLE statement.

Action:

To rebuild a table with a new primary key definition, you must define the new table using the CREATE TABLE statement, copy the rows from the old table to the new table using the INSERT statement, and drop the original table using the DROP TABLE statement.

LDM4500I

SQL Server Options-

```
LDM4501I  AUDIT=msgtype
LDM4501I  HOSTVARPFX=x
LDM4501I  LOGID=id
LDM4501I  MATCHLIMIT=nnn
LDM4501I  OPERATORPFX=x
LDM4501I  SCANLIMIT=nnn
```

Reason:

These messages display current operating values for the SQL server and tell you the following:

AUDIT

Identifies the type of messages being logged. (The SQL server may be logging error messages, SQL statements read in, or both.)

HOSTVARPFX

Displays the prefix character used to identify host variables in SQL statements.

LOGID

Identifies the log used to log SQL messages.

MATCHLIMIT

Displays the maximum number of rows that can be returned for an SQL statement. If there is no limit, 0 is shown.

OPERATORPFX

Displays the prefix character used with special relational operators in an SQL statement.

SCANLIMIT

Displays the maximum number of rows that can be searched through an SQL statement. If there is no limit, 0 is shown.

Action:

No action is required. These messages are informational.

LDM4501I

AUDIT=msgtype
HOSTVARPFX=*x*
LOGID=*id*
MATCHLIMIT=*nnn*
OPERATORPFX=*x*
SCANLIMIT=*nnn*

Reason:

These messages display current operating values for the SQL server and tell you the following:

AUDIT

The type of messages being logged. (The SQL server may be logging error messages, SQL statements read in, or both.)

HOSTVARPFX

The prefix character used to identify host variables in SQL statements.

LOGID

The log used to log SQL messages.

MATCHLIMIT

The maximum number of rows that can be returned for an SQL statement. If there is no limit, 0 is shown.

OPERATORPFX

The prefix character used with special relational operators in an SQL statement.

SCANLIMIT

The maximum number of rows that can be searched through an SQL statement. If there is no limit, 0 is shown.

Action:

No action is required. These messages are informational.

LDM4510I

SQL Table List-

```
LDM4511I  Key
LDM4512I  Table name   File     Prefix   Status
LDM4513I  name1        ddname   prefix   status
```

Reason:

These messages display summary information about the tables used by the SQL server. Information shown includes:

Table name

Contains the table's name (as specified on the CREATE TABLE statement).

File

Contains the ddname of the file where the table is stored.

Prefix

Contains the prefix of records in this table. The prefix is usually of interest when more than one SQL table is mapped to a single VSAM file. (This prefix becomes the first two bytes of the VSAM key field.)

Status

Contains the table's status (ACTIVE or INACTIVE).

Action:

No action is required. These messages are informational.

LDM4520I

The table does not exist. Table name *xxxxxxxxxxxx*

Reason:

The table referenced on the previous command does not exist.

Action:

Check the spelling of the table name specified. If correct, review CA-L-Serv's logs for references to the table and any associated messages.

LDM4521I

Detailed information for table *xxxx*

```
LDM4522I  File name. . . . . .xxxx
LDM4523I  Key prefix  . . . . . x
LDM4524I  Internal ID   . . . . . nnnn
LDM4525I  Status. . . . . xxxx
LDM4526I  SQL row size. . . . . nnn
LDM4527I  SQL primary key size . . . . . .nnn
LDM4528I  VSAM key length . . . . . nnn
LDM4529I  Offset into SQL row
LDM4530I  of the primary key column   . . . . nnn
LDM4531I  Offset into the VSAM record
LDM4532I  of the first SQL column   . . . . . nnn
LDM4533I  of the physical key. . . . . .nnn
LDM4534I  I/O activity count. . . . . nnn
```

Reason:

The messages LDM45211 to LDM45341 display detailed information about a table used by the SQL server. Information shown includes:

File name

Displays the ddname of the file where the table is stored.

Key prefix

Displays the prefix for records in this table. This prefix is used to separate the records in the VSAM file into multiple tables.

Internal ID

Displays the ID that SQL uses for this table.

Status

Displays the table's status (ACTIVE or INACTIVE).

SQL row size

Displays the length of each row in a table (in bytes).

SQL primary key size

Displays the length of the primary key for a row (in bytes).

VSAM key length

Displays the length of the VSAM key for a row (in bytes).

Offset into SQL row of the primary key column

Displays the leftmost byte of the first column of the SQL primary key.

Offset into the VSAM record of the first SQL column

Locates the first SQL column in the VSAM record.

Offset into VSAM record of the physical key

Locates the primary key in the VSAM record.

I/O activity count

Displays the number of I/O requests SQL made for the file containing this table.

Action:

No action is required. These messages are informational.

LDM4558E

***nnn* rows not inserted due to duplicate key.**

Reason:

A subquery, used as a source of column information for an INSERT statement, returned one or more rows that were not inserted. The key formed from the information provided by the subquery for these rows was found to already exist in the database.

Action:

Review the SQL log to determine the process leading up to the error.

LDM4560E

Date type value inappropriate for this column.

Reason:

An attempt was made to assign a value to a column that had some other incompatible data type. (These messages appear after LDM4407E.)

Action:

Refer to additional information concerning these data types.

LDM4561E

Time type value inappropriate for this column.

Reason:

An attempt was made to assign a value to a column that had some other incompatible data type. (These messages appear after LDM4407E.)

Action:

Refer to additional information concerning these data types.

LDM4562E

Timestamp type value inappropriate for this column.

Reason:

An attempt was made to assign a value to a column that had some other incompatible data type. (These messages appear after LDM4407E.)

Action:

Refer to additional information concerning these data types.

Chapter 21: S9SS Messages

List of S9SS Messages

The following trace messages are produced by the CAIENF component.

S9SS001I

***component* STOP (OFF) processing complete**

Reason:

The requested STOP was processed by *component*.

Action:

No action is required.

S9SS002I

***component* PAUSE processing complete**

Reason:

The requested PAUSE was processed by *component.*

Action:

No action is required.

S9SS003I

***component* RESUME processing complete**

Reason:

The requested RESUME was processed by component.

Action:

No action is required.

S9SS004I

***component* Trace(*traceid*) DELETED**

Reason:

Trace ID *traceid* was deleted by *component*.

Action:

No action is required.

S9SS005I

***component* Trace(*traceid*) ENABLED**

Reason:

Trace ID *traceid* was either defined and enabled by *component* or had its status set to the enabled state.

Action:

No action is required.

S9SS006I

***component* Trace*(traceid)* DISABLED**

Reason:

Trace ID *traceid* was either defined and disabled by *component* or had its status set to the disabled state

Action:

No action is required.

S9SS007I

***component* Trace*(traceid)* MODIFIED**

Reason:

Trace ID *traceid* was modified by *component*.

Action:

No action is required.

S9SS008I

component* Tracing=*ttt* Paused=*ppp* WTR=*www* LOSS=*nnnnnnnnnn

Reason:

In response to a STATUS command, *component* displays: if tracing is ON or OFF; if it is paused, YES or NO; if it is connected to an external writer, YES or NO; and the number of loss trace records.

Action:

No action is required.

S9SS009I

component* EIDG: *event_id_groups

Reason:

In response to a STATUS command, *component* displays all the Event ID Groups that are defined to some Trace ID Set.

Action:

No action is required.

S9SS010I

***component* No Event ID Groups Active**

Reason:

In response to a STATUS command, it was determined that no Event ID Groups were active for *component.*

Action:

No action is required.

S9SS011I

***component* No Trace Sets Active**

Reason:

In response to a LIST command, it was determined that no Trace Sets were active for *component*.

Action:

No action is required.

S9SS012I

component* Trace(*tttt*) status Count=*nnnnnnnnnn xxx

Reason:

In response to a LIST command, *component* found Trace Set *tttt* defined; *status* is ENABLED or DISABLED; Count is the number of trace records recorded. If *xxx* is XAJ then JOBNAMEs and ASIDs in messages S9SS015I and S9SS016I are for exclusion.

Action:

No action is required.

S9SS013I

***component* No Event ID Groups Active**

Reason:

In response to a LIST command, it was determined that no Event ID Groups were active for *component*.

Action:

No action is required.

S9SS014I

component* Trace(*tttt*) EIDG: *event_id_groups

Reason:

In response to a LIST command, *component* found Trace Set *tttt* defined. The Event ID Groups are listed.

Action:

No action is required.

S9SS015I

component* Trace(*tttt*) ASID: *asid

Reason:

In response to a LIST command, *component* found Trace Set *tttt* defined with filtering on the listed ASIDs.

Action:

No action is required.

S9SS016I

component* Trace(*tttt*) JOBNAME: *jobname

Reason:

In response to a LIST command, *component* found Trace Set *tttt* defined with filtering on the listed JOBNAMEs.

Action:

No action is required.

S9SS017I

component CTRACEWR R15=*xxxxxxxx*

Reason:

In the attempt to disconnect the external writer, *component* determined that a buffer needed to be written. The hexadecimal return code is displayed (even if successful).

Action:

No action is required.

S9SS018I

***component* WTR not active**

Reason:

A request to disconnect the external writer was received by *component* but the external writer was not connected.

Action:

No action is required.

S9SS019I

***component* WTR disconnected**

Reason:

A request to disconnect the external writer (either explicitly or from a STOP) was received by *component*; the external writer has been disconnected.

Action:

No action is required.

S9SS100E

component* Invalid parameter: *parameter* Reason=*reason_code

Reason:

An invalid parameter was detected by *component*. The request was not processed.

Action:

Reissue the corrected command.

S9SS101E

component* Syntax Error - Reason=*reason_code

Reason:

An invalid combination of parameters was detected by *component*. The request was not processed.

Action:

Reissue the corrected command.

S9SS102E

***component* All Trace ID slots in use**

Reason:

A request to create a new Trace ID was received by component but all available slots are in use. The request was not processed.

Action:

Possibly delete a defined trace ID and reissue the request.

S9SS103E

***component* Requested Trace(*tttt*) in use**

Reason:

A request to create Trace ID *tttt* was received by *component* but a race condition resulted in another command created the requested ID. The request was not processed.

Action:

Determine who created the trace ID or choose another ID.

S9SS104E

***component* New Trace ID and no events to trace**

Reason:

A request to create a new Trace ID was received by *component* but there were no Event ID Groups specified. The request was not processed.

Action:

No action is required.

S9SS105E

***component* Specified Trace(*tttt*) not found**

Reason:

A request specifying Trace ID *tttt* was received by *component* but that id is not defined. The request was not processed.

Action:

No action is required.

S9SS106E

component* Abend - Code: *ccc* Base: *bbbbbbbb* NXT1: *iiiiiiii

Reason:

An abend was intercepted by *component*. The system code is displayed along with the base address (module starting address) and the address of the next instruction. Message S9SS107E (multiple) will display the registers at the time of the abend. The request was not processed.

Action:

Collect diagnostic information and contact CA Support.

S9SS107E

***rN0-rN3* rN0 rN1 rN2 rN3**

Reason:

This follows message S9SS106E (see page 945) and will be repeated four times: *rN0-rN3* = R00-R03, R04-R07, R08-R11, R12-R15.

Action:

Collect diagnostic information and contact CA Support.

S9SS108E

***component* Too many ASIDs specified in ASID=**

Reason:

A request specifying ASID filtering was received by *component* but the number of ASIDs exceed the maximum. The request was not processed.

Action:

Reissue with fewer ASIDs.

S9SS109E

***component* Too many JOBNAMEs specified in JOBNAME=**

Reason:

A request specifying JOBNAME filtering was received by *component* but the number of JOBNAMEs exceed the maximum. The request was not processed.

Action:

Reissue with fewer JOBNAMES.

S9SS200E

***component* Parameter exceeded maximum length**

Reason:

The parsing subroutine of *component* detected a parameter that was too long. The request was not processed.

Action:

Reissue the corrected command.

S9SS201E

component* Invalid parameter: *parameter

Reason:

The parsing subroutine of *component* detected an invalid parameter. The request was not processed.

Action:

Reissue the corrected command.

S9SS202E

component* Duplicate parameter: *parameter

Reason:

The parsing subroutine of *component* detected a duplicate parameter. The request was not processed.

Action:

Reissue the corrected command.

S9SS203E

***component* Trace ID length exceeds 4**

Reason:

The parsing subroutine of *component* detected a trace id longer than four characters. The request was not processed.

Action:

Reissue the corrected command.

S9SS204E

***component* Event ID length exceeds 8**

Reason:

The parsing subroutine of *component* detected an event id longer than eight characters. The request was not processed.

Action:

Reissue the corrected command.

S9SS205E

***component* Invalid Event ID Group: eidg**

Reason:

The parsing subroutine of *component* detected that the specified event id is invalid. The request was not processed.

Action:

Reissue the corrected command.

S9SS206E

***component* Conflicting parameters**

Reason:

The parsing subroutine of *component* detected specified parameters conflicted. The request was not processed.

Action:

Reissue the corrected command.

S9SS207E

***component* ASID= and JOBNAME= not applicable**

Reason:

The parsing subroutine of *component* detected that ASID= or JOBNAME= was specified but were not applicable (only valid on ENABLE, DISABLE, or MODIFY). The request was not processed.

Action:

Reissue the corrected command.

S9SS208E

***component* Missing required parameter**

Reason:

The parsing subroutine of *component* detected that a required parameter was not specified. The request was not processed.

Action:

Reissue the corrected command.

S9SS209E

***component* Must specify a valid action**

Reason:

The parsing subroutine of *component* detected that action (such as STATUS, LIST, ENABLE) was specified. The request was not processed.

Action:

Reissue the corrected command.

S9SS210E

***component* Invalid LIMIT number**

Reason:

The parsing subroutine of *component* detected that the value specified for LIMIT was invalid. The request was not processed.

Action:

Reissue the corrected command.

Chapter 22: SRV Messages

List of SRV Messages

The following messages are produced by the CA-GSS Common Service or the IMOD editor of the CA-GSS Common Service.

SRV000

text

Reason:

This message serves as the label line for informational messages issued in response to operator commands.

Action:

No action is required.

SRV001

imodid name* (*stmt*) *text

Reason:

The text field in this message was the operand of a REXX SAY instruction executed in an IMOD. *imodid* is the IMOD task ID responsible for issuing the message text. *name* is the name of the IMOD routine containing the SAY statement, and *stmt* is the statement number of the SAY statement within the IMOD.

Note: It is possible for some internal routines and ADDRESS environments to produce SAY-type output.

Action:

Examine the message text to determine the appropriate action.

SRV100

Version *vv.rr*: Initialization Begins...

Reason:

Initialization of CA-GSS version *vv.rr* has started.

Action:

No action is required.

SRV101

modulename* EP at *address

Reason:

The load module *modulename* has an entry point at the indicated address.

Action:

Record the message for use by CA Support to aid in debugging.

SRV101B

Your command was not recognized (Short Text: Invalid Command)

Reason:

The command that you entered is not valid.

Action:

Check the validity of the command you entered.

SRV101C

You are not permitted to access the dataset (Short Text: Access denied)

Reason:

The security product running at your installation has determined that your user ID is not authorized to use the ISET that you have selected.

Action:

Contact your security administrator to request access to the data set.

SRV101D

The data set does not exist (Short Text: Dataset not found)

Reason:

Although the ISET you selected appears on the menu, the associated data set does not exist.

Action:

Use the TOGGLE command to view the data set name associated with the ISET. Make sure that it is a valid data set and that it is cataloged.

SRV101E

The data set is being used by another user (Short Text: Data set in use)

Reason:

The ISET you selected is being updated by another user.

Action:

Wait a few seconds and try again.

SRV101F

SVC 99 for a dataset returned an error reason of *iscerr* (Short Text: SVC 99 Error)

Reason:

During dynamic allocation of an ISET, SVC 99 returned an error reason code of *iscerr*.

Action:

Examine the code to determine the appropriate action.

SRV101G

ISPF service *service* returned code *error* (hex) at *label* (Short Text: *servicename* Error)

Reason:

The ISPF service *service* returned a hexadecimal error code of *error* at the location *label*.

Action:

Consult ISPF manuals. For assistance, contact CA Support at http://ca.com/support.

SRV101H

***errorstring* (Short Text: Open Failed)**

Reason:

An OPEN for a data set has failed. *errorstring* contains additional information.

Action:

Examine the error string to determine the appropriate action.

SRV101I

***warning message* (Short Text: Warning Issued)**

Reason:

A condition requiring a warning has been detected. *warning message* indicates the text of the warning.

Action:

Examine the warning message to determine the appropriate action.

SRV101J

Your access to this ISET is restricted to READ ONLY (Short Text: Security Restriction)

Reason:

You are not authorized to update the current ISET. You may, however, read the contents.

Action:

Contact your security administrator to request access to the data set.

SRV101K

The installation has prevented your access to this ISET (Short Text: Access Denied)

Reason:

You are not authorized to read from or write to the current ISET.

Action:

Contact your security administrator to request access to the data set.

SRV101L

Your access to this dataset is currently Read Only (Short Text: Read Only)

Reason:

The currently accessed data set may not be updated.

Action:

If you require update access to this data set, return to the data set selection panel and select the data set with the E (edit) line command.

SRV102A

The text in the COMMAND field was not recognized (Short Text: Invalid command)

Reason:

The command you entered on the command line is not appropriate at this time.

Action:

Correct and reenter the command.

SRV102B

The specified character string could not be found (Short Text: Not found)

Reason:

The FIND command that just executed has failed.

Action:

No action is required.

SRV102C

The name specified in the SELECT command was blank or invalid (Short Text: Invalid ISET name)

Reason:

The ISET name specified by the SELECT command is invalid.

Action:

Correct the name specified by the SELECT command.

SRV102D

The selected ISET is not defined (Short Text: ISET not found)

Reason:

The ISET you specified with the SELECT command is not defined.

Action:

Correct the name specified by the SELECT command.

SRV102E

The option field contains an invalid option or character (Short Text: Invalid Line Option)

Reason:

You have entered an invalid character in the left margin of one or more lines.

Action:

Remove the invalid characters.

SRV102F

***ddname* in the SRVPARM data set is a duplication (Short Text: Duplicate ISET name)**

Reason:

While processing the SRVPARM data set, a duplicate definition was encountered.

Action:

Correct the SRVPARM data set, removing duplications.

SRV102G

The specified character has been located (Short Text: Found)

Reason:

The search operation that just executed was successful.

Action:

No action is required.

SRV103

data

Reason:

The text of this message is input data read from a user-supplied file.

Action:

No action is required.

SRV103A

Your command was not recognized (Short Text: Invalid Command)

Reason:

The command you entered on the command line is not appropriate at this time.

Action:

Correct the command and retry.

SRV103B

The name you specified already exists. Choose another one (Short Text: IMOD already exists)

Reason:

The IMOD name you specified already exists.

Action:

Choose another name for the IMOD.

SRV103C

The text in the OPTION field was not recognized (Short Text: Invalid command)

Reason:

The command you entered on the command line is not appropriate at this time.

Action:

Correct the text you entered.

SRV103D

The specified character string could not be found (Short Text: Not found)

Reason:

The search operation that just executed has failed.

Action:

No action is required.

SRV103E

The name specified in the SELECT command was blank or invalid (Short Text: Invalid IMOD name)

Reason:

The name you specified for an IMOD does not meet the required syntax rules for IMOD names.

Action:

Correct the name specified by the SELECT command.

SRV103F

IMOD *name* is currently in use by another user (Short Text: IMOD in use)

Reason:

The IMOD you requested is currently being used by another user.

Action:

Wait a few seconds and try again.

SRV103J

***loaddata* (Short Text: IMOD Loaded)**

Reason:

The LOAD command was successful. *loaddata* contains information about the load operation.

Action:

No action is required.

SRV103K

***executedata* (Short Text: IMOD Executed)**

Reason:

The EXECUTE command was successful. *executedata* contains further information about the execution.

Action:

No action is required.

SRV103L

The IMOD EXECUTION function failed with code error. (Short Text: IMOD FAILED)

Reason:

Your attempt to execute an IMOD failed.

Action:

Examine the code to determine the appropriate action.

SRV103M

***reason* (Short Text: Linkage to ISERVE failed)**

Reason:

Your attempt to communicate with an ISERVE address space failed for the *reason* indicated.

Action:

Examine the reason text to determine the appropriate action.

SRV103N

***reason* (Short Text: IMOD Load Failed)**

Reason:

Your attempt to load an IMOD into an ISERVE address space failed for the *reason* indicated.

Action:

Examine the reason text to determine the appropriate action.

SRV103O

Your access to this ISET is limited to READ ONLY (Short Text: Request Denied)

Reason:

Your installation has restricted your access to this ISET to READ ONLY. The command you entered requires UPDATE access to the ISET.

Action:

Contact your security administrator about authorization to UPDATE.

SRV104

No NAME field

Reason:

The input data referred to in message SRV103 does not contain a NAME field.

Action:

Add a NAME field to the input data.

SRV104A

You cannot browse an empty dataset (Short Text: Empty Dataset)

Reason:

The data set is empty. You cannot browse an empty data set.

Action:

No action is required.

SRV104B

Old format dataset. Edit and save before browsing (Short Text: Backlevel)

Reason:

The data set is in a format used by a previous version of the IMOD editor. The function you are attempting cannot use the IMOD in this format.

Action:

Edit and save the data set to update its format.

SRV105

Length of NAME field is invalid

Reason:

The length of the NAME field in the input data referred to in message SRV103 is invalid.

Action:

Correct the data in the NAME field of the input data.

SRV105A

The specified program is reserved by another user (Short Text: Program in use)

Reason:

The specified program is being edited by another user.

Action:

Wait a few seconds and try again.

SRV105B

A previous edit/compile failed. Review/delete *tempsav* (Short Text: *tempsav* exists)

Reason:

The system failed while the IMOD you selected was being edited or compiled. The original IMOD source was saved as *tempsav*.

Action:

Inspect the original IMOD for completeness. It is possible that the IMOD has been destroyed or damaged. If this is the case, delete the damaged IMOD and rename the IMOD *tempsav*. Otherwise, delete the IMOD *tempsav*.

SRV105C

You must rename *tempsav* before editing (Short Text: Can't edit *tempsav*)

Reason:

The temporary copy of an IMOD, *tempsav*, cannot be edited.

Action:

Rename *tempsav*, and then edit it.

SRV105D

You must rename *tempsav* before compiling (Short Text: Can't compile *tempsav*)

Reason:

The temporary copy of an IMOD, *tempsav*, cannot be compiled.

Action:

Rename *tempsav* and then compile it.

SRV105E

Source file may be damaged. Inspect *tempsav* (Short Text: Compiler Failure)

Reason:

Your attempt to compile an IMOD failed. The source file may be damaged. The original IMOD source was saved as *tempsav*.

Action:

Inspect the original IMOD for completeness. It is possible that the IMOD has been destroyed or damaged. If either of these is the case, delete the damaged IMOD and rename the IMOD *tempsav*. Otherwise, delete the IMOD *tempsav*.

SRV105F

***reason* (Short Text: Compiler ABEND)**

Reason:

During a compile, the compiler abended. *reason* indicates additional information. The original IMOD source was saved in a temporary file.

Action:

Inspect the original IMOD for completeness. It is possible that the IMOD has been destroyed or damaged. If either of these is the case, delete the damaged IMOD and rename the temporary IMOD. Otherwise, delete the temporary IMOD.

SRV105G

Use of the editor is permitted but you may not save data (Short Text: Read Only)

Reason:

You have begun an editing session on an IMOD that you may not update.

Action:

Contact your security administrator about authorization to UPDATE.

SRV105H

You have READ ONLY access to this IMOD. It may not be modified (Short Text: SAVE Failed)

Reason:

Security restrictions imposed by your installation do not permit you to update this IMOD.

Action:

You can use the CREATE or COPY command to save this IMOD in a sequential data set. Contact your security administrator about authorization to UPDATE.

SRV106

No DSNAME field

Reason:

The input data referred to in message SRV103 does not contain a DSNAME field.

Action:

Add a DSNAME field to the input data.

SRV106A

A serious and unexpected error has occurred (Short Text: VSAM read failed)

Reason:

This message can indicate an attempt to access a non-VSAM data set as an ISET, an improperly defined ISET, or a damaged ISET.

Action:

Check the validity of the ISET using IDCAMS (LISTCAT, REPRO). Check the key length, and so on, against the requirements for an ISET. For assistance, contact CA Support at http://ca.com/support.

SRV106B

VSAM POINT returns *xxyy* (Short Text: RENAME failed)

Reason:

This message indicates that the requested rename has failed. The original IMOD is unchanged. *xxyy* is the return and reason code set by the VSAM POINT operation.

Action:

Check the validity of the ISET using IDCAMS (LISTCAT, REPRO). Check the key length, and so on, against the requirements for an ISET. For assistance, contact CA Support at http://ca.com/support.

Instead of renaming the IMOD, copy the text to a new IMOD and then delete the old IMOD.

SRV107

Length of DSNAME field is invalid

Reason:

The length of the DSNAME field in the input data referred to in message SRV103 is invalid.

Action:

Correct the data set name in the DSNAME field of the input data.

SRV107A

VSAM KSDS has invalid format for IMODs (Short Text: Invalid IMOD dataset)

Reason:

The VSAM KSDS containing the ISET does not meet the standards required by ISERVE.

Action:

Make sure that the data set is an IMOD file. Reallocate or use the IDCAMS MODIFY CLUSTER function to make sure that the data set conforms to ISET requirements.

SRV107B

The VSAM KSDS has been successfully prepared for IMODs (Short Text: Dataset Initialized)

Reason:

The ISET you have accessed has been initialized for IMODs.

Action:

No action is required.

SRV107C

The VSAM KSDS has NOT been successfully prepared for IMODs (Short Text: KSDS Initialization failed)

Reason:

The ISET you have selected is a newly allocated VSAM KSDS. It could not be successfully prepared for use as an IMOD file.

Action:

Delete and reallocate the IMOD file. Refer to the *Administration Guide* for more information.

SRV107D

The VSAM KSDS is not an IMOD file and is accessed as READ ONLY (Short Text: Empty dataset)

Reason:

You have accessed an ISET that contains no IMODs. Because you do not have UPDATE access, you cannot alter this ISET.

Action:

No action is required.

SRV108

Existing copy of *controlblock* to be deleted at: *address* Length: *nnnn*

Reason:

During initialization or execution of the RELOAD command, an existing copy of *controlblock* was encountered at *address*, occupying *nnnn* bytes of storage. *controlblock* is freed.

Action:

No action is required.

SRV108A

The options field contains an invalid option or character (Short Text: Invalid Line Option)

Reason:

One or more margin fields contain invalid command characters.

Action:

Remove the incorrect character from the margin areas.

SRV109A

The SRVCOMP module could not be located via LOAD. (Short Text: Compiler not found)

Reason:

The SRVCOMP module could not be loaded from the SRVLLIB DD statement. Compile operations are not possible.

Action:

Make sure that SRVCOMP is accessible through the SRVLLIB DD statement.

SRV110

***controlblock* not deleted. Block ID missing**

Reason:

The control block's identifier characters are missing or invalid. *controlblock* was not deleted.

Action:

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

SRV111

controlblock* not deleted. FREEMAIN returned: *rtc

Reason:

controlblock was not deleted because FREEMAIN returned the nonzero completion code *rtc*.

Action:

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

SRV112

Duplicate ISET name: *isetname*

Reason:

The ISET name indicated by *isetname* has already been specified in your startup parameters. ISET names must be unique.

Action:

Make sure that ISET names are valid and unique.

SRV113

routine* loaded at: *address* Length: *nnnn

Reason:

The ECSA *routine* was loaded at *address* and occupied *nnnn* bytes of storage.

Action:

No action is required.

SRV123

Existing buffer pool to be deleted at: *address* Length: *nnnnnn*

Reason:

An attempt to release an old ECSA buffer pool is being made. The buffer pool is located at *address*, occupying *nnnnnn* bytes of storage.

Action:

No action is required.

SRV124

Existing buffer pool not freed; VSMLOC Return code *rtc*

Reason:

The subsystem buffer pool was not freed from ECSA because it was in an unknown storage subpool or unallocated storage. VSMLOC returned the nonzero completion code *rtc*.

Action:

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

SRV125

Existing buffer pool not freed; Bad ID characters

Reason:

The subsystem buffer pool was not freed from ECSA because the block identifier characters were missing or invalid.

Action:

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

SRV126

Existing buffer pool not freed; FREEMAIN returned code: *rtc*

Reason:

The subsystem buffer pool was not freed from ECSA because FREEMAIN returned the nonzero completion code *rtc*.

Action:

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

SRV127

Buffer pool allocated at: *address* Length: *nnnn* Number: *mmmm*

Reason:

A new subsystem buffer pool has been allocated in ECSA at *address*. The area occupies *nnnn* bytes of storage, and *mmmm* buffers were allocated.

Action:

No action is required.

SRV128

Buffer pool GETMAIN failed; Return code: *rtc*

Reason:

The ECSA buffers could not be allocated because GETMAIN returned the nonzero completion code *rtc*. CA-GSS terminates.

Action:

Determine the cause of the failure from the completion code, correct the error, and restart CA-GSS.

SRV136

SSCVT for *ssid* exists at: *address*

Reason:

The Subsystem Control Vector Table for subsystem ID *ssid* exists at *address*.

Action:

No action is required.

SRV137

SSVT for *ssid* exists at: *address*

Reason:

The Subsystem Vector Table for subsystem ID *ssid* exists at *address*.

Action:

No action is required.

SRV138

SSVT for *ssid* allocated at: *address*

Reason:

The Subsystem Vector Table for subsystem ID *ssid* was allocated at *address*.

Action:

No action is required.

SRV139

SUBCOM exists at: *address*

Reason:

The CA-GSS ECSA common control block already exists at *address*.

Action:

No action is required.

SRV140

SUBCOM allocated at: *address* Length: *nnnnnn*

Reason:

A new ECSA common control block was allocated at *address*. It occupies *nnnnnn* bytes of storage.

Action:

No action is required.

SRV141

WARNING!! Invalid SUBCOM; discarded

Reason:

An existing SUBCOM is invalid. It is not freed and will not be used.

Action:

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

SRV142

ERROR!! Invalid format for JESCT

Reason:

The JES Control Table has an invalid format. CA-GSS terminates.

Action:

Notify your systems programmer; contact CA Support if necessary.

SRV143

ERROR!! Invalid format for SSCVT

Reason:

A Subsystem Control Vector Table (SSCVT) has an invalid format. CA-GSS terminates.

Action:

Notify your systems programmer. For assistance, contact CA Support at http://ca.com/support.

SRV144

ERROR!! SSCVT for *ssid* could not be found

Reason:

A Subsystem Control Vector Table (SSCVT) does not exist for subsystem ID *ssid*, and the operator did not reply Y (yes) to a request to create one. CA-GSS terminates.

Action:

Restart CA-GSS, and when message SRV146 is displayed, reply Y.

SRV167

Invalid IMOD format in *imodname*, *iset dsname*

Reason:

During loading, an invalid record was encountered in the IMOD *imodname* residing in the file with ISET name *iset* and data set name *dsname*. The IMOD is not loaded.

Action:

Correct the invalid record, and compile and load the IMOD again.

SRV168

imodname* loaded. *memaddress libname

Reason:

The IMOD *imodname* has been loaded from the library *libname*. The IMOD's memory address *memaddress* is also displayed.

Action:

No action is required.

SRV169

Invalid IMOD record in *imodname*, *dsname*

Reason:

While loading the IMOD *imodname* from the data set *dsname*, an invalid record was found. The IMOD is not loaded.

Action:

Correct the invalid record, and compile and load the IMOD again.

SRV170

***imodname* Source code is available**

Reason:

While loading the IMOD *imodname*, a #SOURCE compiler directive was noted. The IMOD's source code was also loaded and is available for debugging.

Action:

If source code is not required for this IMOD, remove the #SOURCE compiler directive to conserve memory.

SRV171

Processing for IMOD: *imodname*

Reason:

The IMOD *imodname* is being loaded.

Action:

No action is required.

SRV172

imodname* version mismatch. Last compiled under release *vv.rr.mm

Reason:

While loading IMOD *imodname*, a mismatch was found between the level of the compiled object code and the level of the REXX interpreter being used by ISERVE. *vv.rr.mm* indicated the version and release of the compiler last used to compile the IMOD. Only *vv.rr* is significant.

Action:

ISERVE will attempt to recompile the IMOD dynamically. Recompile the IMOD in the ISET to speed ISERVE initialization.

SRV173

imodid* created for program *pgmname

Reason:

An IMOD has begun execution.

imodid

Displays the unique ID assigned to the IMOD and is used to identify other messages.

pgmname

Identifies the REXX program invoked initially.

Action:

No action is required.

SRV174

PCB: *address*

Reason:

The address of the Process Control Block belonging to an IMOD is displayed.

Action:

No action is required. This information is for use by CA Support for system debugging.

SRV175

imodname* Storage: *aaaaaaaa* Released: *bbbb* Kept: *cccccccc

Reason:

At the conclusion of the IMOD *imodname*, the number of bytes of storage required (*aaaaaaaa*), storage released (*bbbb*), and storage kept (*cccccccc*) for variables is displayed.

Action:

No action is required.

SRV176

Total kept storage: *nnnnnnnn*

Reason:

Following execution of an IMOD, not all variable storage was released. The amount of storage permanently allocated is *nnnnnnnn* bytes.

Action:

No action is required.

SRV177

***imodname* completed for program *pgmname icnt* instructions**

Reason:

The IMOD *imodname* has concluded for program *pgmname*. *icnt* indicates the number of REXX statements executed.

Action:

No action is required.

SRV178

***imodname* source could not be loaded**

Reason:

ISERVE could not load the source code for IMOD *imodname*. This usually indicates that the IMOD was compiled with a previous version of the IMOD editor.

Action:

Use the ISPF-based IMOD editor to edit, save, and compile the IMOD.

SRV179

Compiler version *vv.rr.mm* loaded at *address*

Reason:

The ISERVE REXX compiler module SRVCOMP has been loaded into memory at *address*. The version loaded is *vv.rr.mm*. *vv.rr* should match the value indicated for ISERVE.

Action:

No action is required.

SRV180

IMOD *imodname* resumed

Reason:

The IMOD *imodname* has resumed execution following a suspension.

Action:

No action is required. This information is for use by CA Support for internal debugging.

SRV181

IMOD *imodname* failed. Program: *pgmname* Error: *errcd*

Reason:

Error *errcd* occurred during the execution of the IMOD *imodname* in the program *pgmname*.

Action:

This message is followed by message SRV182. Correct any errors in the REXX program statement displayed in that message.

SRV182

Statement *nnnnn*: *errtext*

Reason:

This message follows message SRV181, and provides the number of the failing REXX statement (*nnnnn*) and the REXX error text (*errtext*).

Action:

Correct any errors in the REXX statement displayed.

SRV183

Console *consid* assigned

Reason:

CA-GSS allocated the subsystem console ID *consid*.

Action:

No action is required.

SRV184

The Compiler could not be loaded. *imodname* is unusable.

Reason:

While attempting to recompile IMOD *imodname*, ISERVE was unable to obtain a copy of the compiler SRVCOMP. The IMOD is flagged as unusable and execution continues.

Action:

Make sure that the compiler module is accessible to ISERVE through STEPLIB or LNKLIST. Also make sure that the named IMOD has been compiled under the current version of the compiler.

SRV185

The Compiler has abended. *imodname* is unusable.

Reason:

While attempting to recompile *imodname*, the compiler abended. No further attempt will be made to recompile IMODs.

Action:

Recompile the indicated IMOD from the IMOD panel. Gather dumps and diagnostics, and then call CA Support.

SRV186

IMOD *imodname* not complete. *libname*

Reason:

An attempt was made to load IMOD *imodname* from the library *libname*, but it was an incomplete IMOD.

Action:

Compile the IMOD again.

SRV187

IMOD *imodname* not compiled. *libname*

Reason:

An attempt was made to load the IMOD *imodname* from the library *libname*, but it was not compiled.

Action:

Compile the IMOD before attempting to load it.

SRV188

IMOD *imodname* compile time error. *libname*

Reason:

An attempt was made to load the IMOD *imodname* from the library *libname*, but it contains compile time errors.

Action:

The IMOD contains invalid REXX statements. Correct them and compile the IMOD again.

SRV189

IMOD *imodname* in test status. *libname*

Reason:

An attempt was made to load the IMOD *imodname* from the library *libname*, but it has test status only.

Action:

Give the IMOD production status before attempting to load it again.

SRV190

IMOD *imodname* not production status. *libname*

Reason:

An attempt was made to load the IMOD *imodname* from the library *libname*, but it did not have production status.

Action:

Give the IMOD production status before attempting to load it again.

SRV191

IMOD *imodname* suspended, *event*

Reason:

Execution of the IMOD *imodname* has been suspended pending the completion of *event*.

Action:

Record the message for use by CA Support to aid in debugging.

SRV192

SVC99 Failure. Error/Info: *rsncd*

Reason:

Dynamic allocation failed for reason *rsncd*.

Action:

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

SRV193

Dataset not found: *dsname*

Reason:

Data set *dsname* is required for dynamic IMOD loading, but it could not be found.

Action:

Make sure that the data set exists and is cataloged.

SRV194

Dataset in use: *dsname*

Reason:

Data set *dsname* is required for dynamic IMOD loading, but it is in use by another task.

Action:

Try again when the data set is available.

SRV195

Dataset access denied: *dsname*

Reason:

Data set *dsname* is required for dynamic IMOD loading, but it could not be allocated. The most likely reason is security system denial.

Action:

Authorize the data set to have access to CA-GSS.

SRV196

Requested IMOD not available: *imodname dsname*

Reason:

During dynamic IMOD reloading, data set *dsname* did not contain the IMOD *imodname* in usable form.

Action:

No action is required.

SRV197

ILOG now recording on *ddname*

Reason:

The ILOG file *ddname* is now being recorded on.

Action:

No action is required.

SRV198

ILOG dump required for *ddname*

Reason:

The ILOG file *ddname* is now full.

Action:

Dump the data from the file or reset the file.

SRV199

ILOGs full for file *nn*. Records being lost

Reason:

All ILOG data sets for the file number *nn* are full. Records to be recorded on this file are being discarded.

Action:

Dump the data from the file or reset the file.

SRV200

IMOD *imodid* Canceled

Reason:

Due to an execution error of the IMOD or in response to a CANCEL IMOD operator command, the IMOD identified by *imodid* has been canceled.

Action:

If the cancellation was due to a run-time error in the IMOD, you should correct the logic and recompile the IMOD.

SRV201

***imodname* has been recompiled and is available.**

Reason:

While loading the object code for IMOD *imodname*, ISERVE determined that the object code's version is incompatible with its REXX interpreter. The IMOD was dynamically recompiled and is available for use.

Action:

To speed ISERVE initialization, recompile the IMOD.

SRV202

Compile time error in *imodname*. IMOD is unavailable.

Reason:

While loading the object code for IMOD *imodname*, ISERVE determined that the object code's version is incompatible with its REXX interpreter. The IMOD was dynamically recompiled but a compile-time error occurred. The IMOD could not be made available for use.

Action:

Edit the IMOD to correct the error, and then recompile it.

SRV203

imodid* calling program *imodname

Reason:

The IMOD identified by *imodid* has issued an external subroutine call to *imodname*.

Action:

No action is required. This message is useful in determining the failing routine if an error occurs.

SRV206

Allocation failed: *dsname*

Reason:

Dynamic allocation failed for the data set *dsname*.

Action:

Before retrying the failed operation, make sure that the data set:

- Exists
- Is cataloged
- Is on a mounted volume
- Is accessible to ISERVE

SRV212

The Compiler could not be loaded

Reason:

The OS LOAD issued for SRVCOMP has failed. Automatic compilation of IMODs is not possible.

Action:

Check for the availability of the SRVCOMP load module.

SRV214

STOP command received from console *consid*

Reason:

ISERVE received a STOP command and is shutting down. *consid* identifies the operator console where the command was issued.

Action:

No action is required.

SRV216

Waiting for ENQUEUE

Reason:

During initialization, an enqueue on subsystem ID SYSTEM could not be obtained. CA-GSS will wait on the resource.

Action:

Terminate the CA-GSS system that is using the subsystem ID.

SRV220

Version *vv.rr*: Initialization Complete (*ssid*)

Reason:

CA-GSS has successfully initialized for version *vv.rr* and subsystem name *ssid*.

Action:

No action is required.

SRV225

Invalid option: *optionname*

Reason:

The option you have requested is not valid.

Action:

Correct the control card.

SRV226

OPEN failed: *dsname*

Reason:

An OPEN failed for the data set *dsname*. The IMOD was not loaded.

Action:

Determine the reason for the failure from the accompanying messages.

SRV228

SVC 99 Allocation error. RC: *rtc* ERROR: *errcd* INFO: *xx*

Reason:

An error occurred while allocating a data set.

Action:

Analyze the data returned by SVC 99. Information on SVC 99 can be found in the IBM manual *System Macros and Facilities Volume 1*, GC28-1150.

SRV235

Update status could not be obtained for ILOG

Reason:

During ILOG switch processing, the ILOG you requested could not be put in UPDATE mode. This is probably because another task has update access.

Action:

Do not permit other tasks to have update access to ILOG data sets.

SRV236

PARMLIB did not open

Reason:

The CA-GSS PARMLIB file could not be opened. CA-GSS terminates.

Action:

Provide a PARMLIB file and restart CA-GSS. For more information on the PARMLIB file, refer to the *Installation Guide*.

SRV237

Parmlib Processing...

Reason:

CA-GSS is processing the PARMLIB file.

Action:

No action is required.

SRV238

Invalid Verb: *parmlib_verb*

Reason:

The verb *parmlib_verb* in the CA-GSS PARMLIB is invalid.

Action:

Correct the invalid verb in the CA-GSS PARMLIB file. For more information on PARMLIB parameters, refer to the *Installation Guide*.

SRV239

Subsystem name invalid: *parmlib_ssid*

Reason:

The subsystem ID *parmlib_ssid* is invalid.

Action:

Correct the subsystem name in the CA-GSS PARMLIB file. For more information on PARMLIB parameters, refer to the *Installation Guide*.

SRV240

Extraneous text on card

Reason:

The PARMLIB statement previously displayed has unnecessary text.

Action:

Shorten the text that is too long. If you want to include comments in the PARMLIB file, separate them from the last operand with a slash and asterisk (/*).

SRV241

Required parm missing: *parmlib_parm*

Reason:

The PARMLIB parameter *parmlib_parm* is required but you did not provide it.

Action:

Specify a value for *parmlib_parm* in the CA-GSS PARMLIB file. For more information on PARMLIB parameters, refer to the *Installation Guide*.

SRV242

Initialization Failed

Reason:

CA-GSS initialization has failed. Previously issued messages indicate the reason.

Action:

Correct the indicated errors and restart CA-GSS.

SRV243

Invalid Option: *parmlib_option*

Reason:

The PARMLIB option *parmlib_option* in the PARMLIB file is invalid.

Action:

Correct the invalid option in the CA-GSS PARMLIB file. For more information on PARMLIB parameters, refer to the *Installation Guide*.

SRV245

Invalid value: *parmlib_value*

Reason:

The PARMLIB value *parmlib_value* is invalid.

Action:

Correct the parameter value in the CA-GSS PARMLIB file.

SRV246

Command table is full

Reason:

You have specified too many operator commands in the CA-GSS PARMLIB file.

Action:

Reduce the number of operator commands in the PARMLIB file.

SRV248

Requested IMOD not available: *imodname*

Reason:

The IMOD *imodname* was requested for execution, but it was not found in memory.

Action:

Make sure that the IMODs you want to execute are available and loaded.

SRV250

Requested IMOD not active: *imodname*

Reason:

The IMOD *imodname* was requested for execution, but it was not active.

Action:

Activate the IMOD or load it again.

SRV252

imodname* Abended. Program: *pgmname* Level *level

Reason:

The IMOD *imodname* has abended. The name of the REXX program (*pgmname*) and nesting level (*level*) are displayed. This message indicates that a diagnostic dump was produced, according to the parameters specified in the CA-GSS PARMLIB file.

Action:

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

SRV253

imodname* Program: *pgmname* Storage alteration: ASID: *asid* Key: *pk* Location: *address

Reason:

This message contains two lines. The IMOD *imodname* and REXX program *pgmname* have altered memory through the MEMORY( ) function. Also displayed are the ASID *asid*, storage protect key *pk*, and storage location *address*.

Action:

No action is required.

SRV256

Incomplete entry

Reason:

An entry in the CA-GSS PARMLIB file does not contain all of the required information.

Action:

Correct the entry and restart CA-GSS. Refer to the *Installation Guide* for more information on the PARMLIB file.

SRV257

Total length of WTO entries exceeds 4k

Reason:

WTO entries (including control information) in the CA-GSS PARMLIB file exceed the 4K maximum limit.

Action:

Reduce the number of WTO entries. For more information on the PARMLIB file, refer to the *Installation Guide*.

SRV258

MLWTO truncated

Reason:

A multi-line WTO has been queued for processing for four minutes, but the last line of the WTO has not been produced by MVS. The WTO will be considered complete and processed as is.

Action:

No action is required.

SRV259

Module *csect* failed with *errcd*

Reason:

The CA-GSS CSECT *csect* has abended with the error code *errcd*. This message is accompanied by messages SRV260-SRV266.

Action:

Record the information provided in the accompanying messages. For assistance, contact CA Support at http://ca.com/support.

SRV260

PSW: *xxxxxxxx xxxxxxxx* Entry: *yyyyyyyy*

Reason:

Following the abend of the CA-GSS CSECT named in message SRV259, the PSW *xxxxxxxx xxxxxxxx* and program entry point *yyyyyyyy* are displayed.

Action:

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

SRV261

Regs *regnum reg1 reg2 reg3 reg4*

Reason:

Following the abend of the CA-GSS CSECT named in message SRV259, the register number *regnum* and registers (*reg1* to *reg4*) are displayed. This message appears four times to cover all 16 registers.

Action:

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

SRV262

Module *csect* retry routine at: *address*

Reason:

Accompanies message SRV259. Following the abend of the CA-GSS CSECT *csect*, a retry routine at location *address* will receive control.

Action:

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

SRV263

No retry routine available

Reason:

Following the abend of the CA-GSS CSECT named in message SRV259, no retry routine was available, or all retries were exhausted. CA-GSS terminates.

Action:

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

SRV264

ESTAE. SUBCOM is invalid

Reason:

Following the abend of the CA-GSS CSECT named in message SRV259, the ECSA common block was found to be corrupted. CA-GSS terminates.

Action:

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

SRV265

ESTAE. No SSVT address in SUBCOM

Reason:

Following the abend of the CA-GSS CSECT named in message SRV259, the ECSA common block was found to be corrupted. CA-GSS terminates.

Action:

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

SRV266

ESTAE terminates processing

Reason:

CA-GSS terminated during abend processing for the CA-GSS CSECT named in message SRV259.

Action:

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

SRV267

TRACE* *text

Reason:

These messages contain information to aid CA Support in debugging.

Action:

To suppress these messages, add the statement PRINT TRACE OFF to your CA-GSS PARMLIB file. For more information on the PARMLIB file, refer to the *Installation Guide*.

SRV269

NISSCVT returned *ssid*

Reason:

An error occurred while attempting to dynamically allocate subsystem ID *ssid*. CA-GSS terminates.

Action:

Pre-allocate ar CA-GSS subsystem.

SRV270

MODULE *modulename* loaded at *address* for length: *nnnn*

Reason:

The load module *modulename* has been loaded into memory at *address*. It occupies *nnnn* bytes of storage.

Action:

No action is required.

SRV271

MODULE *modulename* could not be loaded. RC *rtc* Reason *rsncd*

Reason:

The load module *modulename* could not be loaded into memory. LOAD returned the return code *rtc* and reason *rsncd*.

Action:

Analyze the return code and reason to determine the problem. *rtc* is the abend code and *rsncd* is the associated reason code, as explained in the IBM manual *System Codes*.

SRV272

WARNING!!! Module *modulename* is NOT APF authorized Main program now not authorized

Reason:

The load module *modulename* was loaded into memory. However, APF authorization has been lost. CA-GSS continues execution, but abends will occur if authorized services are required.

Action:

Make sure that all required modules are APF authorized.

SRV273

imodid imodname* Statement *stmtnum

Reason:

This message accompanies other messages and identifies the IMOD and the statement number.

Action:

No action is required.

SRV274

Routine *imodname* not found; *imodid pgmname* stmt *nnnnn*

Reason:

An external function call has been made for IMOD *imodname*, but it could not be found. The IMOD ID *imodid*, calling program *pgmname*, and statement number *nnnnn* are displayed.

Action:

No action is required.

SRV275

Routine *imodname* not callable; *imodid pgmname* stmt *nnnnn*

Reason:

An external function call has been made for IMOD *imodname*, but it is not flagged as callable. The IMOD ID *imodid*, calling program *pgmname*, and statement number *nnnnn* are displayed.

Action:

Add a #CALLABLE directive to the IMOD.

SRV276

Too many nested routines; *imodid pgmname* stmt *nnnnn*

Reason:

An external function call has been made, but it will cause the maximum nesting level to be exceeded.

imodid

Displays the IMOD ID.

pgmname

Identifies the calling program.

nnnnn

Displays the statement number.

Action:

Reduce the level of subroutine nesting.

SRV277

imodname execname errmessage

Reason:

An execution time REXX error has occurred. The IMOD name, the EXEC name, and the REXX error message are displayed.

Action:

Correct the error based upon information from the message.

SRV278

imodname execname data

Reason:

Following completion of a REXX program, a result was returned. This message displays the IMOD name, EXEC name, and the data returned.

Action:

No action is required. To suppress this message, add the statement PRINT RESULT OFF to the CA-GSS PARMLIB file. For more information on the PARMLIB file, refer to the *Installation Guide*.

SRV279

***imodname* Already Loaded**

Reason:

During initialization, the IMOD *imodname* was found to be loaded already. It is not replaced.

Action:

Eliminate duplicate IMODs.

SRV280

Replacing *imodname* from *libname*

Reason:

Due to a dynamic reload request, the IMOD *imodname* is being replaced by a copy from the library *libname*.

Action:

No action is required.

SRV281

Storage depletion; message lost

Reason:

A message line (WTO, command, or external program request) could not be processed because of a lack of storage.

Action:

Check for other error conditions and increase the amount of virtual storage available to CA-GSS.

SRV282

Loading IMODs from *ddname* File Version: *vv.rr*

Reason:

An IMOD file is being processed at initialization. The *ddname* and version of the IMOD file are displayed.

Action:

No action is required.

SRV283

Routine *imodname* not active; *imodid pgmname* stmt *nnnnn*

Reason:

An external function call has been made for an IMOD that has been flagged as not active.

imodid

Displays the IMOD ID.

pgmname

Identifies the calling program.

nnnnn

Displays the statement number.

Action:

Activate the IMOD.

SRV284

imodname* deleted from location *address

Reason:

The IMOD *imodname* has been deleted from storage at *address*. Typically, this indicates that the entry has been replaced with a more current copy, and unneeded storage is being released.

Action:

No action is required.

SRV285

imodname* at *address* not deleted. Use count *cnt

Reason:

The IMOD *imodname* at location *address* could not be deleted because the code to be replaced is still being executed. CA-GSS will automatically try to delete the IMOD when its use count reaches zero.

Action:

No action is required.

SRV287

Too many entries

Reason:

The maximum number of occurrences allowed for a CA-GSS installation parameter was exceeded.

Action:

Delete the excess initialization parameters from the CA-GSS RUNPARM member. (This member is pointed to by the CA-GSS PARMLIB DD statement.)

SRV288

Invalid ILOG file number

Reason:

You have specified an invalid ILOG file number.

Action:

Specify an ILOG file number from 0 through 99, inclusive.

SRV289

Invalid ILOG subfile number

Reason:

You have specified an invalid ILOG subfile number.

Action:

Specify an ILOG subfile number from 0 through 9, inclusive.

SRV290

Invalid ILOG dataset name

Reason:

You have specified an invalid data set name for an ILOG file.

Action:

Specify a valid data set name.

SRV291

Duplicate ILOG being defined

Reason:

The ILOG file and subfile you are attempting to define duplicate one already defined.

Action:

Define a unique ILOG file and subfile.

SRV292

ILOG dataset could not be allocated

Reason:

Dynamic allocation failed for the ILOG file and subfile that you are trying to define.

Action:

Correct your definition; or, make sure that the data set exists, is cataloged, is on a mounted volume, and is accessible to ISERVE before retrying the failed operation.

SRV293

IMOD *imodname* was executing statement *stmtnum*

Reason:

During error recovery processing, it was determined that the error occurred while *imodname* was executing *stmtnum*.

Action:

Recovery continues. Obtain a copy of the indicated IMOD's listing, showing the indicated statement. For assistance, contact CA Support at http://ca.com/support.

SRV294

Posting ASCB: *ascb* TCB: *tcb* ECB: *ecb*

Reason:

During abend termination or during a restart following abend termination, ISERVE determined that cross-memory requestors are waiting for IMOD completion. These users are now being notified of the abend termination. *ascb*, *tcb*, and *ecb* indicate the addresses of the control blocks used for notification.

Action:

No action is required.

SRV296

Routine *imodname* unavailable; caller stmt *stmtnum*

Reason:

During the execution of the IMOD *caller*, at statement *stmtnum*, an external subroutine call was made to *imodname*. However, the requested IMOD was unavailable.

Action:

Review the affected IMOD's subroutine logic and the availability of the called IMOD.

SRV297

Compiler version does not match ISERVE version.

Reason:

ISERVE has issued a LOAD SVC for its REXX compiler (SRVCOMP). However, the fetched module's version does not match the ISERVE version.

Action:

Make sure that all CA-GSS components are being fetched from the same library and that the library was properly constructed by the installation process.

SRV298

ILOG *ilog* Subfile *subfile* exceeds PAGES value. It has been re-initialized.

Reason:

During initialization of *ilog*, *subfile*, it was discovered that portions of the file are now inaccessible due to a decrease in the value specified by the PAGES initialization parameter. The affected ILOG file is reinitialized, using the new PAGES value.

Action:

No action is required.

SRV299

System Log restarted on file *filename*

Reason:

The ISERVE log (ISRVLOG) has been closed and the associated SYSOUT data set spun off. A new SYSOUT data set has been allocated to ddname *filename*. All future log information is recorded on this data set.

Action:

No action is required.

SRV300

ILOG error on file LOG*nn#m* DIV *service return reason*

Reason:

While accessing an ILOG (Data In Virtual) file, an error was encountered. *nn* is the ILOG number and *m* is the subfile number. *service* refers to the Data In Virtual request that failed, and *return* and *reason* are the codes returned by the failing service.

Action:

No action is required.

SRV301

Insufficient storage to map ILOG file LOG*nn#m*

Reason:

There is not enough virtual storage to map the file with ILOG number *nn* and subfile number *m*.

Action:

Do one of the following:

- Reduce the total number of ILOG files and subfiles.
- Decrease the value specified by the PAGES initialization parameter.
- Increase the virtual storage available in the ISERVE address space. (ILOG storage resides above the 24-bit line.)

SRV303

MODULE *name* available. Length *length*

Reason:

The named load module has been successfully loaded by CA-GSS/ISERVE and is available for appropriate use. *length* is the length of the module, in hexadecimal format.

Action:

No action is required.

SRV304

IMOD *imodname* already exists as “internal” type

Reason:

At startup, while ISERVE was loading IMODs from an ISET, it encountered an IMOD with the same name as an internal IMOD. Loading of this IMOD is suppressed.

Action:

Make sure that the names of your IMODs do not duplicate those of internal IMODs.

SRV305

Internal IMOD *imodname* replaced

Reason:

The indicated IMOD, internal to SRVSYS, has been replaced with an IMOD of the same name.

Action:

Verify that this replacement was intentional.

SRV306

***taskid ddname dsname* allocated *disp* (FREE=CLOSE)**

Reason:

A file has been allocated by the IMOD task identified by *taskid*. *ddname* is the assigned DDNAME and *dsname* identifies the data set. *disp* indicates how the file was allocated: SHR, OLD, NEW, or MOD. FREE=CLOSE indicates that the data set will be de-allocated immediately upon its being closed.

Action:

No action is required.

SRV307

***taskid ddname* de-allocated.**

Reason:

The file assigned to *ddname* has been de-allocated. *taskid* identifies the IMOD task that deallocated the file.

Action:

No action is required.

SRV308

varname* assigned value *value

Reason:

As the result of a GLOBVAL initialization parameter, an initial value has been assigned to a global variable.

Action:

No action is required.

SRV309

SRVIMOD parameter list is invalid

Reason:

The parameter list passed to the SRVIMOD program is not valid.

Action:

Verify the construction of the parameter list, reassemble and reexecute your program.

SRV310

taskid* Security failure for userid *userid rc1 rc2 rc3

Reason:

RACROUTE has failed a request for *userid*. *taskid* identifies the IMOD task in control at the time. *rc1* is the return code from RACROUTE. *rc2* and *rc3* are the return codes from the first 8 bytes of the RACROUT parameter list.

Action:

Verify that no breach of security occurred on your system. The indicated IMOD task will continue under the authority of the default user ID.

SRV311

taskid block* for user *userid* obtained at *address

Reason:

A new ACEE (if SECURITY RACF was specified in the initialization parameters) or pseudo ACEE (if SECURITY NONE was specified) has been obtained for *userid*. This control block now resides at *address*. The *taskid* identifies the IMOD task in control when the block was obtained. In the message text, *block* will indicate either ACEE or Pseudo ACEE.

Action:

No action is required.

SRV314

***taskid* Default *block* assigned**

Reason:

No valid user ID was associated with the IMOD task identified by *taskid*. Therefore, this IMOD task will process under the authority of the default user ID, as specified in the initialization parameters. In the message text, *block* will either be ACEE, if SECURITY RACF was specified in the initialization parameters; or Pseudo ACEE, if SECURITY NONE was specified.

Action:

Make sure that all tasks that request execution of IMODs are assigned valid user IDs.

SRV315

Subroutine *imodname* complete

Reason:

The specified IMOD, called as an external subroutine, has completed.

Action:

If you do not need this information for debugging, use the PRINT SUBCALL OFF initialization parameter or TRACE SUBCALL OFF operator command.

SRV316

Variable name not global: *name*

Reason:

A GLOBVAL initialization statement has attempted to assign a value to *name*. However, *name* is not a valid global variable.

Action:

Make sure that you are specifying a correct global variable name.

SRV317

IMOD *imodid* waiting on enqueue

Reason:

The IMOD task identified by *imodid* is waiting on a system enqueue.

Action:

No action is required.

SRV319

Pages subparameter invalid

Reason:

The number specified for pages on the preceding ILOG control statement is invalid.

Action:

Specify a valid number for pages.

SRV320

Waiting for *enqname*

Reason:

The resource identified by *enqname* is required for processing to continue. This message will be deleted when the resource becomes available.

Action:

Make sure that the resource is not being held unnecessarily.

SRV321

Global SubSystem (GSS) now available

Reason:

The GSSLOAD load module has successfully initialized the Global SubSystem areas in ECSA.

Action:

No action is required.

SRV322

FREEMAIN Failed, code *cde* subpool *sp* length *len* Address: *addr*

Reason:

The GSSLOAD load module was unsuccessful in freeing an ECSA area that is no longer needed.

cde

Displays the failure code returned by FREEMAIN.

sp

Displays the subpool number of the storage.

len

Indicates the length to be freed.

addr

Displays the virtual address of the storage.

Action:

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

SRV323

Storage freed. ID: *id* address: *addr* subpool: *sp* length: *len*

Reason:

The GSSLOAD load module has successfully freed unneeded ECSA storage.

id

Identifies the type of control block being released and is only of interest to CA personnel.

addr

Displays the virtual address of the storage.

sp

Displays the subpool number of the storage.

len

Indicates the length to be freed.

Action:

No action is required.

SRV324

GETMAIN Failed, code *cde* subpool *sp* length *len*

Reason:

The GSSLOAD load module was unsuccessful in obtaining ECSA storage for a control block. If this is a LOAD operation, the Global SubSystem will not be usable. If this is a RELOAD operation, the previously initialized Global SubSystem may still be usable.

cde

Displays the failure code returned by GETMAIN.

sp

Displays the subpool number of the storage request.

len

Displays the length of storage requested.

Action:

Determine why GSSLOAD was unable to obtain the requested storage and fix the problem. Execute the GSSLOAD program, specifying a PARM of RELOAD.

SRV325

Unable to load *block*

Reason:

The GSSLOAD load module was unsuccessful in loading the named control block. This message will be preceded by a message that will identify the problem encountered. The name of the control block is of interest only to CA personnel.

Action:

Proceed as directed by previously issued error messages.

SRV326

Module: *name* ID: *id* EP: *ep* Length: *len*

Reason:

The GSSLOAD load module has placed the indicated executable code or control block in ECSA.

name

Displays the name of the routine or control block.

id

Displays the identifier assigned to the storage.

ep

Displays the address of the entry point.

len

Displays the length of the ECSA area used.

Action:

No action is required.

SRV327

Passing test request for IMOD *imod* to GoalNet node *node*

Reason:

In response to a TSO user's request to execute an IMOD in test mode, the IMOD Test Facility is routing the request to the appropriate GoalNet node.

Action:

No action is required.

SRV328

IMOD Test Facility now invoking IMOD *imod*

Reason:

In response to a TSO user's request to execute an IMOD in test mode, the IMOD Test Facility is passing control to the IMOD to be tested.

Action:

No action is required.

SRV329

Control has returned to IMOD Test Facility from *imod*

Reason:

Following execution in test mode, an IMOD has completed and has returned control to the IMOD Test Facility, which will report the results to the requesting TSO user.

Action:

No action is required.

SRV330

Initialization IMODs will run under userid *userid*

Reason:

If you are running under a security system (RACF or SAF-compatible), ISERVE will execute the initialization IMODs (those IMODs automatically scheduled during ISERVE initialization) under the authority of *userid*.

Action:

No action is required.

SRV331

taskid* Task has logged on as user *userid

Reason:

A logon request has been successfully processed by the SECURITY() function. IMOD task *taskid* is now executing under the authority of *userid*.

Action:

No action is required.

SRV332

Dynamic {concatenation|deconcatenation} error: *error* Info: *info*

Reason:

During execution of the SRVCCAT or SRVDCAT TSO command processor, a dynamic concatenation or deconcatenation error occurred.

error

Displays the error value returned by SVC99.

info

Displays the information value returned by SVC 99.

Action:

Determine the appropriate action by examining the error and information codes.

SRV333

{PARAMETER *n* IS INVALID|EXCESS PARAMETERS PRESENT}

Reason:

This message is issued from SRVCCAT and SRVDCAT. Depending upon the format, either parameter number *n*, as specified with the command, is invalid; or you have specified more parameters than are permitted.

Action:

Correct the error in the parameter list and retry the command.

SRV334

Waiting for IMOD *name* in *dsname*

Reason:

This message is issued from SRVMAINT when an enqueue for a needed IMOD cannot immediately be satisfied. This may be caused by another job running SRVMAINT simultaneously, or by a TSO user who is editing the named IMOD. The enqueue *qname* is IPGMGREX and the *rname* is P.*name*.*dsname* where *name* is right-padded with blanks to 16 characters and *dsname* is right-padded with blanks to 44 characters. This message will automatically be deleted when the IMOD becomes available.

Action:

Determine who holds the enqueue and have them release it, cancel the SRVMAINT job that requires the IMOD, or allow the SRVMAINT job to wait until the IMOD becomes available.

SRV335

Invalid PARMLIB attribute: *value*

Reason:

The data set specified by the PARMLIB DD statement cannot be processed. In the message, *value* is the attribute that is causing the problem.

Action:

Reconstruct the PARMLIB data set ensuring that all data set attributes conform to those defined in the installation manual.

SRV336

PARMLIB member not found: *name*

Reason:

Either the member specified in the EXEC card PARM field or a member specified on an INCLUDE statement could not be found in the PARMLIB data set.

Action:

Ensure that the member name is spelled correctly and that it exists in the PARMLIB data set.

SRV337

PARMLIB is not a PDS, member specification is invalid

Reason:

Although the PARMLIB DD statement points to a sequential file, you attempted to specify a member, either in the EXEC card PARM field or by coding an INCLUDE statement.

Action:

Either remove the member specification or change the PARMLIB DD statement to specify a PDS. Note that a specification of xxx.yyy.xxx(member) is for a sequential file, NOT a PDS.

SRV338

PARMLIB member *name* was specified recursively

Reason:

An INCLUDE statement specifies a member that is in the nesting sequence already being processed.

Action:

Remove the reference to the already-processed member.

SRV339

PARMLIB member specification syntactically invalid

Reason:

The member specified in the EXEC card PARM statement or in an INCLUDE statement cannot be used because it is invalid.

Action:

Examine the member name and correct it.

SRV340

Now processing PARMLIB member *name*

Reason:

The messages that follow will pertain to parameter statements taken from the named member.

Action:

No action is required.

SRV341

Resuming processing PARMLIB member *name*

Reason:

The member named in an INCLUDE statement has been completely processed and additional parameters will be taken from the member that was suspended to perform the INCLUDE. The messages that follow will pertain to parameter statements taken from the named member.

Action:

No action is required.

SRV342

DD DUMMY not permitted for PARMLIB

Reason:

The PARMLIB DD statement is coded as DD DUMMY. This is not permitted.

Action:

Either change the PARMLIB DD statement to specify a data set or delete the DD statement.

SRV343

IMODNAME CSECT is missing

Reason:

A module produced by the IMOD Packaging Facility does not contain an IMODNAME CSECT. Execution is not possible.

Action:

Repackage the IMODs, ensuring that an IMODNAME CSECT is produced and link-edited.

SRV344

Now processing link-edited parameters

Reason:

The IMOD Packaging Facility permits the inclusion of initialization parameters in the load module. The messages that follow will pertain to parameter statements taken from the link-edited parameters.

Action:

No action is required.

SRV345

Preceding parameter ignored due to *xxxxx* specification

Reason:

While processing initialization parameters, it was determined that the parameter just listed in the log was not intended for use by this copy of CA-GSS/ISERVE. The reason is because the value specified for *xxxxx* did not match the corresponding value as defined on this system for this ISERVE. Processing continues with the next parameter.

Action:

No action is required.

SRV347

GSSMAIN NOT APF-AUTHORIZED

Reason:

During start-up CA-GSS discovered that it was running from a non-APF authorized library (LINKLIST or STEPLIB) and it terminated with User abend U0071.

Action:

Make sure CA-GSS's load library is correctly APF-authorized.

SRV801

ECSA routines could not be loaded

Reason:

CA-GSS was unable to load necessary routines into ECSA. GSSMAIN terminates.

Action:

Make sure that the GSSLOAD load module is in an APF-authorized LINKLIB accessible to GSSMAIN. Make sure that ECSA space is available.

SRV802

ENQUEUE failed; GSS already active

Reason:

GSSMAIN is already executing in another address space. This copy of GSSMAIN terminates.

Action:

Determine which address space is already executing GSSMAIN and stop it if appropriate. Execute SRVSYS to start a secondary ISERVE.

SRV803

Waiting on ENQUEUE

Reason:

GSSMAIN is serializing use of ECSA data area with other callers of the GSSLOAD load module. This message is nonrollable until the enqueue is obtained.

Action:

If this message is not deleted within a few minutes, determine who holds the enqueue on *qname*: GOALSS, *rname*: SSCVT. If the enqueue-holding address space is not responsive, it should be canceled and restarted.

SRV804

GSS not active

Reason:

GSSMAIN was not able to access CA-GSS services. GSSMAIN terminates.

Action:

For assistance, contact CA Support at http://ca.com/support. It may be useful to execute the GSSLOAD utility, specifying the RELOAD parameter before attempting to restart GSSMAIN.

SRV805

GSS PC area not found

Reason:

GSSMAIN was not able to access CA-GSS services. GSSMAIN terminates.

Action:

For assistance, contact CA Support at http://ca.com/support. It may be useful to execute the GSSLOAD utility, specifying the RELOAD parameter before attempting to restart GSSMAIN.

SRV806

DORMANT LX will be reclaimed: *lxnum*

Reason:

A previously executed GSSMAIN obtained a system linkage index (LX) of *lxnum*. Since system LXs cannot be freed, this copy of CA-GSS has reclaimed it and will reuse it.

Action:

No action is required.

SRV807

LXRES has failed. CODE: *code*

Reason:

GSSMAIN was unable to obtain a system linkage index (LX). The MVS LXRES routine returned the value *code*. GSSMAIN terminates.

Action:

Determine why the LXRES service failed and correct the problem.

SRV808

LX has been reserved: *lxnum*

Reason:

The system linkage index (LX) *lxnum* has been assigned for the use of CA-GSS.

Action:

No action is required.

SRV809

AXSET has failed. CODE: *code*

Reason:

The system AXSET service returned the nonzero completion code: *code*. GSSMAIN terminates.

Action:

Determine why the AXSET service failed and correct the condition.

SRV810

ETCRE has failed. CODE: *code*

Reason:

The system ETCRE service returned the nonzero completion code: *code*. GSSMAIN terminates.

Action:

Determine why the ETCRE service failed and correct the condition.

SRV811

ETCON has failed. CODE: *code*

Reason:

The system ETCON service returned the nonzero completion code: *code*. GSSMAIN terminates.

Action:

Determine why the ETCON service failed and correct the condition.

SRV812

Abend during *name* SERVICE

Reason:

An abend occurred during execution of the named system service. GSSMAIN terminates.

Action:

Determine what problem exists with the named service and correct it before restarting GSSMAIN.

Chapter 23: UAT Messages

List of UAT Messages

Agent Technology services generate the following messages at startup and shutdown. These messages are useful for integrating with CA OPS/MVS Event Management and Automation for automating the Agent Technology startup and shutdown processes.

UAT0001I

awservices is started

Reason:

The Agent Technology services startup process has begun.

Action:

This message is informational only.

UAT0002I

awservices is stopped

Reason:

The Agent Technology services shutdown process has begun.

Action:

This message is informational only.

UAT0011I

Starting *agent_name:instance_name*

Reason:

Agent Technology services has started the following:

agent_name

The name of the agent being started.

instance_name

The name of the instance being started.

Action:

This message is informational only.

UAT0012I

***agent_name:instance_name* is stopped**

Reason:

Agent Technology services has stopped the following:

agent_name

The name of the agent that was stopped.

instance_name

The name of the instance that was stopped.

Action:

This message is informational only.

UAT0013W

agent_name:instance_name* is *status* reason : *reason

Reason:

Agent Technology services has provided a status on the following:

agent_name

The name of the agent being reported on.

instance_name

The name of the instance being reported on.

status

The agent/instance's current status. One of the following values can appear:

- STOPPED
- STARTING
- RUNNING
- STOPPING
- WAITING
- FAIL
- UNKNOWN

reason

The cause of the current status.

Action:

This message is informational only.

UAT0101I

Agent *agent_name* is ready

Reason:

Agent Technology services has started the following:

agent_name

The name of the agent being started.

Action:

This message is informational only.

UAT0102I

Agent *agent_name* is stopped

Reason:

Agent Technology services has stopped the following:

agent_name

The name of the agent that was stopped.

Action:

This message is informational only.

Chapter 24: UNTK Messages

List of UNTK Messages

The following messages are produced by the CA-GSS Common Service.

UNTK0001

Remote scheduling server IMOD *service_name* started

Reason:

The cross-platform scheduling server IMOD that receives tracking data from the product has started. The service name being used is displayed in the *service_name*. For CA Scheduler Job Management the name is $UNITRKSC.

Action:

No action is required.

UNTK2010

Argument length error

Reason:

Internal error. One or more of the arguments passed to an internal function, $UNITRK, exceeded the maximum allowable length.

Action:

Check the global variables specified in the CA-GSS run parameters. The variables begin with &UNI.$UNITRKSC. Compare the values specified to the parameter description in the CA Scheduler Job Management documentation to ensure that the values are within the acceptable range. Correct the problem and restart the $UNITRKSC server.

UNTK2020

Error occurred opening CHKPOINT file

Reason:

An error occurred while opening the CHKPOINT file.

Action:

Ensure that the file is allocated with a DSORG=PS, RECFM=FB, LRECL=3000 and BLKSIZE=3000. Correct the problem and restart the $UNITRKSC server.

UNTK2030

GSS SSID missing

Reason:

Internal error. The *ssname* argument passed to an internal function, $UNITRK, is missing.

Action:

Restart the $UNITRKSC server. If the problem persists, contact CA Support.

UNTK2040

IMOD missing

Reason:

The imod argument passed to an internal function, $UNITRK, is missing.

Action:

Ensure that the GLOBVAL statement for variable &UNI.$UNITRKSC.IMOD is defined and has the correct value of $ACH_SCHED_TRACK. Examine the ISRVLOG to look for any messages in processing the run parameters. Correct the problem and restart the $UNITRKSC server.

UNTK2050

Error occurred calling IMOD

Reason:

An error occurred calling the IMOD supplied in the *imod* argument on the program call.

Action:

Ensure that the GLOBVAL statement for variable &UNI.$UNITRKSC.IMOD is defined and has the correct value of $CH_SCHED_TRACK. Examine the ISRVLOG to look for any messages in processing the run parameters. Check to be sure that the $ACH_SCHED_TRACK IMOD is in the CA Scheduler Job Management ISET in production status. Correct the problem and restart the $UNITRKSC server.

UNTK2060

Monitor missing

Reason:

The monitor argument passed to an internal function, &UNITRK, is missing.

Action:

Ensure that the GLOBVAL statement for variable &UNI.$UNITRKSC.MON is defined and has the correct value of CASCHED. Examine the ISRVLOG to look for any messages in processing the run parameters. Correct the problem and restart the $UNITRKSC server.

UNTK2070

Cycle time value is invalid

Reason:

The cycletime argument passed to an internal function, $UNITRK, is invalid.

Action:

Ensure that the GLOBVAL statement for variable &UNI.$UNITRKSC.SCAN is defined and has the correct value of 1 to 60. Examine the ISRVLOG to look for any messages in processing the run parameters. Correct the problem and restart the $UNITRKSC server.

UNTK2080

Check point days invalid

Reason:

The chkpdays argument passed to an internal function, $UNITRK, is invalid.

Action:

Ensure that the GLOBVAL statement for variable &UNI.$UNITRKSC.AGE is defined and has the correct value of 0 to 999. Examine the ISRVLOG to look for any messages in processing the run parameters. Correct the problem and restart the $UNITRKSC server.

UNTK2090

CCI ERROR – FUNC=*xx*, RC=*xxxxxxxx*, DRC=*xxxxxxxx*, XRC=*xxxxxxxx*

Reason:

A CAICCI error occurred. The function (FUNC), return code (RC), detailed return code (DRC) and extended return code (XRC) are supplied in the message.

Action:

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

UNTK2100

xxxxxxxxxxxxxxxxxxxx

Reason:

A CAICCI error occurred. The text for the message is supplied.

Action:

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

UNTK2110

Processing was successful.

Reason:

Normal service shutdown occurred.

Action:

No action is required.

Chapter 25: VPET Messages

VPET messages and other information about CAIVPE can be found in the CA IPC documentation set after logging into http://ca.com/support (see page 5):

- *CA IPC Messages and Codes Guide*
- *CA IPC Release Summary*
- All Guides Including a Searchable Index in BookManager Format
- All Guides Including a Searchable Index in PDF Format

Chapter 26: CAICCI Return Codes

All CAICCI return codes are displayed in hexadecimal representation. The Decimal values are listed in +*nn* format, and the 0x*nn* format is also listed.

Server Return Codes

Code (+*nn*)	Code (0x*nn*)	Meaning
+00	0x00	Request completed successfully.
+04	0x04	CAIENF or CAICCI is inactive.
+08	0x08	CAICCI logic error.
+12	0x0C	Abend has occurred.
+16	0x10	Unrecoverable problem in CAICCI.
+20	0x14	Invalid PLIST passed on #CCI macro call.

Detailed Return Codes When RC = 0x08

Code (+*nn*)	Code (0x*nn*)	Meaning
+01	0x01	ENF Vector Table (EVT) not found; CAIENF is not up.
+02	0x02	Invalid #CCI function or PLIST.
+03	0x03	Outstanding REC "specific" for specified ID or RID.
+04	0x04	Outstanding REC "any" for specified ID already exists.
+05	0x05	Specified receiver has no queuing and no outstanding receive.
+06	0x06	Receiver(s) not found.
+07	0x07	Reserved.
+08	0x08	Null record address passed and record length not 0 for SEND or CONVERSE request.
+09	0x09	Unable to allocate user storage. Increase private storage.
+10	0x0A	ENF/CAICCI has shut down or is shutting down.

Code (+*nn*)	Code (0x*nn*)	Meaning
+11	0x0B	Lost data. User buffer too small and no queuing requested.
+12	0x0C	RECEIVE canceled by CANCELR.
+13	0x0D	Illegal CANCELR. Cannot cancel another application's RECEIVE.
+14	0x0E	SEND error. See XRC.
+15	0x0F	RECEIVE error. See XRC.
+16	0x10	Internal error. See XRC and contact CA Support.
+17	0x11	Buffer too small; partial data block returned. More data available on next RECEIVE.
+18	0x12	Invalid ID or RID format.
+19	0x13	Feedback area not clear or resides in protected storage.
+20	0x14	Insufficient system storage available for CAICCI internals.
+21	0x15	CAICCI initialization incomplete. Retry request.
+22	0x16	Spawn Manager inactive.
+23	0x17	SPAWN resource unavailable.
+24	0x18	Remote Spawn Manager not found.
+25	0x19	No link to remote Spawn Manager.
+32	0x20	Network link to remote CAICCI resource is not active.
+33	0x21	Access denied for security reasons.
+34	0x22	RECEIVE has timed out.
+35	0x23	INQY buffer too small.
+36	0x24	Reserved.
+37	0x25	Invalid PLIST specified.
+38	0x26	OID already active in CAICCI.
+39	0x27	OID not active in CAICCI.
+40	0x28	Lost link to remote CAICCI resource.
+41	0x29	Platform specific error.
+48	0x30	CAICCI busy. Try again later.
+49	0x31	CAICCI send time out has occurred.
+50	0x32	Function currently unavailable.

Code (+*nn*)	Code (0x*nn*)	Meaning
+51	0x33	Function is not supported by the version of CAICCI at the remote node.
+52	0x34	Conversation broken.
+64	0x40	Spawn client queued to pending service.
+65	0x41	Spawn lost service.
+66	0x42	Spawned service completed.
+67	0x43	Spawn process failed at initialization.
+68	0x44	Spawn process ended normally.
+69	0x45	Spawn process ended abnormally.
+70	0x46	Spawn service canceled or aborted.
+71	0x47	Spawn service internal error.
+72	0x48	Spawn service disconnected.
+73	0x49	Spawn has terminated the service.
+74	0x4A	Spawn client reconnected.
+75	0x4B	Reserved for spawn.
+76	0x4C	Reserved for spawn.
+77	0x4D	Reserved for spawn.
+78	0x4E	Reserved for spawn.
+79	0x4F	Reserved for spawn.
+80	0x50	Receiver has gone inactive.
+81	0x51	Receiver has gone active, nonqueued.
+82	0x52	Receiver has gone active, queued.

Detailed Return Codes When RC = 0x14

Code (+*nn*)	Code (0x*nn*)	Meaning
+01	0x01	No PLIST was passed.
+02	0x02	Invalid #CCI function.
+03	0x03	Missing ECB address.

Code (+*nn*)	Code (0x*nn*)	Meaning
+04	0x04	SEND/missing ID field.
+05	0x05	SEND/ID address invalid.
+06	0x06	SEND/missing RID field.
+07	0x07	SEND/RID address invalid.
+08	0x08	SEND/SDATA@ not passed.
+09	0x09	SEND/SDATAL missing or zero.
+16	0x10	SEND/SDATAL over 32K.
+17	0x11	SEND/SDATAL less than 1.
+18	0x12	REC/ID field missing.
+19	0x13	REC/ID address invalid.
+20	0x14	REC/RDATA@ missing but RDATAL not 0.
+21	0x15	REC/RDATA@ specified but RDATAL is 0.
+22	0x16	REC/RDATAL is greater than 32K.
+23	0x17	REC/RDATAL less than 1.
+24	0x18	REC/TIMEOUT invalid.
+25	0x19	INQY/no feedback area.
+32	0x20	INQY/invalid ID address passed.
+33	0x21	CANCEL/missing ID address.
+34	0x22	CANCEL/invalid ID address passed.
+35	0x23	INIT/missing ID address.
+36	0x24	INIT/invalid ID address passed.
+37	0x25	TERM/missing ID address.
+38	0x26	TERM/invalid ID address passed.
+39	0x27	EXTRN PLIST address missing.
+40	0x28	EXTRN PLIST function code invalid.
+41	0x29	EXTRN pointer to PLIST missing.
+48	0x30	SPAWN/ID missing.
+49	0x31	SPAWN/ID address invalid.
+50	0x32	SPAWN/missing both SPAWNID and RID fields.
+51	0x33	SPAWN/SPAWNID, RID, or both not starting with #.

Code (+*nn*)	Code (0x*nn*)	Meaning
+52	0x34	SPAWN/SDATA@ 0 but SDATAL not 0.
+53	0x35	SPAWN/SDATA@ OK but SDATAL is 0.
+54	0x36	SPAWN/SDATAL greater than 32K.
+55	0x37	SPAWN/SDATAL less than 1.
+56	0x38	Invalid CAT address passed.
+57	0x39	4-byte token not supported by spawn.
+64	0x40	SECNAME 0 but SECNAMEL is not 0.
+65	0x41	SECOPWD 0 but SECOPWDL is not 0.
+66	0x42	SECOPWDL 0 but SECNPWDL is not 0.
+67	0x43	SECNPWD 0 but SECNPWDL is not 0.

Extended Return Codes When RC = 0x08 and DRC = 0x16

Code (+*nn*)	Code (0x*nn*)	Meaning
+160	0xA0	Spawn Manager inactive.

Extended Return Codes When RC = 0x08 and DRC = 0x17

Code (+*nn*)	Code (0x*nn*)	Meaning
+160	0xA0	Server for service inactive.
+161	0xA1	Service disabled.
+163	0xA3	Externally started SVC inactive.
+164	0xA4	No SVC available with OPT=FAIL.
+167	0xA7	Unknown spawn ID.
+171	0xAB	Maximum number of processes exceeded.

Extended Return Codes When RC = 0x08 and DRC = 0x18

Code (+*nn*)	Code (0x*nn*)	Meaning
+160	0xA0	No spawn parameters retrieved.
+161	0xA1	Spawn shutting down.
+162	0xA2	Invalid FMH received by spawn.
+163	0xA3	Could not do cancels because service already ended.
+164	0xA4	Could not do cancels because service already canceled.
+167	0xA7	Service not found.
+168	0xA8	Bad spawn key received.
+171	0xAB	Wrong spawn ID received.
+173	0xAD	Service not reconnected because it is not disconnected.

Extended Return Codes When RC = 0x08 and DRC = 0x40

Code (+*nn*)	Code (0x*nn*)	Meaning
+160	0xA0	Waiting for a server.
+161	0xA1	Waiting for a process.
+162	0xA2	Waiting for an active service.
+163	0xA3	Waiting for start time.

Extended Return Codes When RC = 0x08 and DRC = 0x43

Code (+*nn*)	Code (0x*nn*)	Meaning
+166	0xA6	No process defined for service.
+167	0xA7	Invalid process defined.
+168	0xA8	Server denied security access.
+169	0xA9	Invalid resource specified.

Code (+*nn*)	Code (0x*nn*)	Meaning
+170	0xAA	Specified resource unavailable.
+171	0xAB	Maximum number of processes exceeded.
+172	0xAC	Server could not initiate SVC.

Extended Return codes When Rc = 0x08 and DRC = 0x46

Code (+*nn*)	Code (0x*nn*)	Meaning
+160	0xA0	By client (ISSUING CANCELS).
+161	0xA1	Spawn shutdown.
+162	0xA2	Server shutdown.
+163	0xA3	Process shutdown.
+164	0xA4	Because of service shutdown.
+166	0xA6	Lost server.

Extended Return codes When Rc = 0x08 and DRC = 0x47

Code (+*nn*)	Code (0x*nn*)	Meaning
+160	0xA0	Spawn Server unavailable.
+161	0xA1	Invalid spawn server.
+162	0xA2	Invalid FMH received by spawn.
+163	0xA3	No storage for spawn FMH.
+164	0xA4	No storage for spawn FMH.
+167	0xA7	Invalid CMT.

Extended Return codes When Rc = 0x08 and DRC = 0x48

Code (+*nn*)	Code (0x*nn*)	Meaning
+160	0xA0	By client (ISSUING CANCELS)

Extended Return codes When Rc = 0x08 and DRC = 0x49

Code (+*nn*)	Code (0x*nn*)	Meaning
+160	0xA0	Because client ISSUED CANCELS.
+161	0xA1	Because of spawn shutdown.
+162	0xA2	Because of server shutdown.
+163	0xA3	Because of process shutdown.
+164	0xA4	Because of service shutdown.
+165	0xA5	Lost client.
+166	0xA6	Lost server.
+167	0xA7	Unknown spawn ID.
+168	0xA8	Bad spawn key received.
+169	0xA9	Bad process ID received.
+170	0xAA	Missing process ID.
+171	0xAB	Wrong spawn ID received.
+173	0xAD	SVC exceeds maximum number for process.
+174	0xAE	No external start of SVC allowed.

Extended Return codes When Rc = 0x08 and DRC = 0x4B

Code (+*nn*)	Code (0x*nn*)	Meaning
+08	0x08	Password is not authorized.
+12	0x0C	Password has expired.

Code (+*nn*)	Code (0x*nn*)	Meaning
+16	0x10	New password is invalid.
+20	0x14	New password is invalid.
+24	0x18	Failed by installation exit.
+28	0x1C	User access has been revoked.
+32	0x20	Security environment inactive.
+36	0x24	Group access has been revoked.
+161	0xA1	Spawn shutting down.
+162	0xA2	Invalid FMH received.
+167	0xA7	Services not found.
+168	0xA8	Bad spawn key received.
+171	0xAB	Wrong spawn key received.

Chapter 27: Codes

Common Services for z/OS Abend Codes

The CA Common Services for z/OS Services can issue the following abend codes:

201

CAIENF already active in another address space

202

Cannot load a required module

203

Initialization error due to database problems or internal abends

204

Initialization Error due to IPL not preceding first time startup

300

CAICCI processing cannot continue

CAE

An error occurred during ENF processing. Reason codes for this abend are listed in ENF Abend Code CAE Reason Codes (see page 1051).

CA0

CA LMP has failed the indicated CA solution on a license violation.

CA9

CAICCI internal abend to drop LU0 line driver subtasks when a line break occurs. This abend is a normal condition and does not represent an error.

CA-C Runtime Abend Codes

The CA-C Runtime Service can issue these abend codes:

CAC

The program running has called to force an immediate termination. This usually occurs because of a previous error condition that may or may not be externally apparent.

CWA1

Not enough space on Common Work Area (at least 8 bytes of CWA has to be available to CA-C Runtime).

TWA1

Not enough space on the CICS Transaction Work Area (at least 8 bytes of TWA has to be available for CA-C Runtime).

UPRG

An abend has occurred on the CA-C Runtime application before the CA-C Runtime environment can be setup.

ENF Abend Code CAE Reason Codes

Abend code CAE can be received if an error occurred during ENF processing. The accompanying reason code identifies an internal recoverable ENF error or an external error code as follows:

00020001

An attempt to suspend execution of a supervisor request block (SRB) using the SUSPEND macro interface failed. At the time of error, GPR 2 contains the return code from the SUSPEND macro interface.

System Action: The ENF task terminates abnormally.

User Action: Determine the cause of the SUSPEND macro failure and correct it. Search the problem reporting databases for a solution to the problem. If the problem is unable to be resolved, contact CA Support.

00020002

An attempt to resume execution of a supervisor request block (SRB) using the RESUME macro interface failed. At the time of the error, GPR 2 contains the return code from the RESUME macro interface.

System Action: The ENF task terminates abnormally.

User Action: Determine the cause of the RESUME macro failure and correct it. Search the problem reporting databases for a solution for the problem. If the problem is unable to be resolved, contact CA Support.

00020003

An attempt to obtain the address space control block (ASCB) address using the LOCASCB macro interface failed. At the time of the error, GPR 2 contains the return code from the LOCASCB macro interface.

System Action: The ENF task terminates abnormally.

User Action: Determine the cause of the LOCASCB macro failure and correct it. Search the problem reporting databases for a solution for the problem. If the problem is unable to be resolved, contact CA Support.

00020004

An attempt to obtain the attributes of a loaded module using the CSVQUERY macro interface failed. At the time of the error, GPR 2 contains the return code from the CSVQUERY macro interface.

System Action: The ENF task terminates abnormally.

User Action: Determine the cause of the CSVQUERY macro failure and correct it. Search the problem reporting databases for a solution for the problem. If the problem is unable to be resolved, contact CA Support.

00020005

An attempt to query the linkage stack level using the IEALSQRY macro interface failed. At the time of the error, GPR 2 contains the return code from the IEALSQRY macro interface.

System Action: The ENF task terminates abnormally.

User Action: Determine the cause of the IEALSQRY macro failure and correct it. Search the problem reporting databases for a solution for the problem. If the problem is unable to be resolved, contact CA Support.

00040001

An attempt was made to replace or delete the top of stack element in the ENF FRR LIFO stack. However, the stack is empty.

System Action: The ENF task terminates abnormally.

User Action: Search the problem reporting databases for a solution for the problem. If the problem is unable to be resolved, contact CA Support.

00050001

The ENF event interface was called disabled for I/O or external interrupts.

System Action: The ENF task terminates abnormally.

User Action: Search the problem reporting databases for a solution for the problem. If the problem is unable to be resolved, contact CA Support.

00050002

The ENF event interface was called with locks held.

System Action: The ENF task terminates abnormally.

User Action: Search the problem reporting databases for a solution for the problem. If the problem is unable to be resolved, contact CA Support.

00050011

The ENF user interface was called disabled for I/O or external interrupts.

System Action: The ENF task terminates abnormally.

User Action: Search the problem reporting databases for a solution for the problem. If the problem is unable to be resolved, contact CA Support.

00050012

The ENF user interface was called with locks held.

System Action: The ENF task terminates abnormally.

User Action: Search the problem reporting databases for a solution for the problem. If the problem is unable to be resolved, contact CA Support.

00050013

The ENF user interface was called in cross memory mode.

System Action: The ENF task terminates abnormally.

User Action: Search the problem reporting databases for a solution for the problem. If the problem is unable to be resolved, contact CA Support.

00050014

The ENF user interface was called in SRB dispatching mode.

System Action: The ENF task terminates abnormally.

User Action: Search the problem reporting databases for a solution for the problem. If the problem is unable to be resolved, contact CA Support.

00060001

The ENF queue size has exceeded the maximum queue size. At the time of error, GPR 2 contains the current queue size, GPR 3 contains the new queue size, and GPR 4 contains the maximum queue size.

System Action: A symptom and SVC dump is captured and then processing continues.

User Action: Search the problem reporting databases for a solution for the problem. If the problem is unable to be resolved, contact CA Support.

00070001

The Component Trace capture routine abended while holding the local lock.

System Action: An SVC dump is captured and processing continues.

User Action: Search the problem reporting databases for a solution for the problem. If the problem is unable to be resolved, contact CA Support.

For all other reason codes, contact CA Support.

CA-C Runtime Return Codes

The CA-C Runtime Service can issue these return codes:

31

No memory for stack.

32

Function MAIN not defined.

33

Module specified by MAINNAME not found.

34

Module specified by MAINEXIT not found.

35

CA-C Runtime kernel CA$KSYS*x* not found.

41

No memory for CVA control block.

42

Error opening C standard files.

CA-L-Serv Return Codes and Reason Codes

Return and reason codes often appear in the text of the messages described in this reference. When you encounter one or more of these codes, refer to this section for an explanation of the code.

Return Codes

Return codes display in hexadecimal or decimal format.

Hex Code	Decimal Code	Description
X'40'	64	CA-L-Serv detected errors
X'44'	68	CA-L-Serv is not active
X'48'	72	CA-L-Serv is shutting down
X'4C'	76	An internal logic error occurred
X'5C'	92	SQL unable to obtain storage

Hex Code	Decimal Code	Description
X'50'	80	Communication services are not available
X'54'	84	An abend occurred while CA-L-Serv tried to service a request
X'58'	88	SQL table lookup failed
X'60'	96	Incorrect version of CA-L-Serv

Reason Codes

Reason codes display in hexadecimal format.

Code	Description
X'140'	A session is not active for this user.
X'240'	The specified file is not under CA-L-Serv's management.
X'340'	The file is in a held state.
X'440'	The file is in a closed state.
X'540'	The file is in a failed state - a previous operation failed with a return code of X'740'.
X'640'	The file is not open.
X'740'	A VSAM error prevented a file from being opened.
X'840'	File could not be opened - 'synchronize end of data' operation required.
X'940'	CA-L-Serv encountered an unexpected request.
X'A40'	A lock was not held as CA-L-Serv expected.
X'B40'	A send request either failed or was rejected.
X'C40'	A receive request either failed or was rejected.
X'D40'	An internal error occurred in a receive request - buffer length exceeded.
X'E40'	An internal error occurred in a receive request - invalid function code.
X'F40'	Another user is already holding a record lock.
X'1040'	A record lock is not being held as expected.
X'1140'	The specified data set name could not be found.

Code	Description
X'1240'	An abend occurred while servicing a request.
X'1340'	The requester canceled a pending ENQ request.
X'1440'	No files are available - files are full.
X'1540'	The file is not part of a file group.
X'1640'	A synchronize-switch function is already in progress.
X'1740'	The requestor of an ENQ already holds the requested key.
X'FF40'	The time limit has elapsed for the operation.

CAISDI Return Codes and Reason Codes

CAISDI/soap API Return Codes

The CAISDI/els and CAISDI/med components use the CAISDI/soap API to communicate with remote SOAP servers. If errors occur in the CAISDI/soap component, the API return code and reason code are displayed. This table details the meaning of those codes. The Reason column is the value stored at error= on the #soap macro.

Return Code	Reason Code	Description
4	X'00000001'	Code page problem or a length limit has been exceeded. This must be corrected with program maintenance.
4	X'00000002'	The URL is in error. Often this is a problem in the name structure. Verify the URL being used for proper spelling and structure.
4	X'00000003'	Out of memory or other resource. Increase REGION size. Also, check the processing log for the CAISDI/soap address space for other problems.
4	X'00000004'	An error occurred while accessing or parsing an XML template in the CAISDI/soap client address space. Verify the XML templates in the template library used by the CAISDI/soap have not been corrupted.
4	X'00000005'	A network error was encountered between the CAISDI/soap client address space and the CA Service Desk server. There is a connection, but the MVS SOAP client address space cannot send. This may be a transient problem in CAICCI, so try again.

Return Code	Reason Code	Description
4	X'00000006'	Timeout or other unexpected “receive” error. Verify the URL specifies the target CA Service Desk server. Also, this may be a transient network problem, so try again.
4	X'00000007'	Connection error. The most frequent causes are incorrect IP addresses and the CA Service Desk or the Tomcat service is not running on the targeted server. Make sure the CA Service Desk server is up. Make sure the Tomcat Web Service is started. Verify the network connections between the SOAP address space and the CA Service Desk .
4	X'00000008'	XML parsing error encountered by the MVS SOAP client address space. The response packet was corrupted or is in an unrecognizable format. Ensure the most current versions of the CAISDI/soap and CA Service Desk are installed.
4	X'00000009'	The XML data exceeds the maximum amount that can be returned through CAICCI.
4	X'0000000A'	The connection was refused by the target CA Service Desk server. The Web Services component may not be up on the targeted CA Service Desk server. Verify the Tomcat Web Services engine is started on the target CA Service Desk server. If the service is active, try stopping and restarting the Tomcat service.
4	X'*nnnn*0006'	The Web Services component on the CA Service Desk server returned HTTP headers indicating a problem. The HTTP return code is the “*nnnn*” portion of the code. This may be a transient network problem, so try again.
4	X'0000000B'	An environmental error occurred such as an error converting between codepages. A specific error message is written to the log.
4	X'0000000C'	The version of the parameter list is not supported.
4	X'0000000D'	A field that is designated as a string is not null terminated.
4	X0000000E'	A field that is designated as a string has invalid input length.

Return Code	Reason Code	Description
8	X'40*xxyyzz*'	A CAICCI error has occurred. The code is broken down as follows: *xx* - The CAICCI return code received *yy* - The CAICCI error code from the CAICCI feedback area *zz* - The CAICCI DRC code For more information, see CAICCI Return Codes (see page 1039) in the chapter "Codes."
8	X'80000001'	The parameter list is in error. This must be corrected with program maintenance.
8	X'80000002'	The version of CAISDI/soap parameter list is not compatible with the version of the CAISDI/soap API in your system.
8	X'80000003'	Missing or mismatched parameters. This must be corrected with program maintenance.
8	X'80000004'	No memory available.
8	X'80000005'	Unknown SOAP Client error.
8	X'80000006'	The serv string is either null or too long.
8	X'80000007'	The URL string is either null or too long.
8	X'80000008'	The CODEPAGE string is either null or too long.
8	X'80000009'	The VARLIST string is either null or too long.
8	X'8000000A'	The XMLIN string is either null or too long.

CAISDI/els API Return Codes

Various CA products use the CAISDI/els component to open CA Service Desk request tickets. In the event of failure, those products may display the return code, reason code, and information code that was passed back by CSDEOPRQ, the CAISDI/els Interface API module, through a call using the CSDEREQ macro. The API itself will issue message CASD560E for CAISDI/els API Return Codes of 12 or higher. This table details the meaning of the CAISDI/els API Return Codes.

Return Code	Reason Code	Information Code	Description
0	0	N/A	The USD request was opened. EPLRESP contains the USD request ticket number, left justified and blank filled.
4	1	N/A	The USD request was not opened because of MINTIME.
4	2	N/A	The USD request was not opened because of MAXCOUNT.
4	3	N/A	The USD request was not opened because the interface for this particular product is currently disabled.
8	0	N/A	The CAISDI/els interface module, CSDEOPRQ, was not found.
8	1	N/A	The CAISDI/els interface was found, but the interface has not been initialized. (The Event Control Structure was not found in this environment.)
8	2	N/A	The CAISDI/els interface module and the Event Control Structure was found, but this product is not defined to the interface. The CAISDI/els startup control member, ELSSTART, does not contain a DEFINE command for this product.
8	3	N/A	The CAISDI/els interface module and the Event Control Structure was found. This product is defined to the interface, but this particular event was not found. There was no event member for this product in the CAI.CAIEVENT library for this event.
8	4	N/A	The CA Common Services SOAP API module, CAS0PCLI, was not found.

Return Code	Reason Code	Information Code	Description
12	*rc*	*drc*	The call to the CA Common Services SOAP API module, CAS0PCLI, failed. The "*rc*" value is the CAISDI/soap API return code and "*drc*" is the CAISDI/soap API *detailed* return code. See the CAISDI/soap API Return Code table (see page 1056) for a detailed explanation.
16	1	N/A	Not enough storage to begin processing, increase REGION size.
16	2	N/A	Internal storage shortage while acquiring buffers, increase REGION size.
20	1	N/A	The Event Parameter List is invalid: Eye catcher is missing.
20	2	N/A	The Event Parameter List is invalid: Length is inconsistent with the parameters.
20	3	N/A	The Event Parameter List is invalid: Product name or event name is missing.
20	4	N/A	The CA Service Desk request ticket was opened, but the request number was not found in the response packet. This should not occur, but it could happen if the format of the XML reply packet was changed, or if the XML packet was incorrectly altered somewhere in the network path.
20	5	*n*	Error creating summary text, "*n*" is the return code from EDIT. This should not occur, but could if the Event Control Structure has been corrupted (overlaid).
20	6	*n*	Error creating description text, "*n*" is the return code from EDIT. This should not occur, but could if the Event Control Structure has been corrupted (overlaid).
20	7	N/A	Error generating XML. This should not occur, but it could happen if the CSDEOPRQ module itself was partially corrupted.

Return Code	Reason Code	Information Code	Description
24	4	N/A	An invalid attempt occurred to update the Event Control Structure. This should not occur, but could if the Event Control Structure has been corrupted (overlaid).
24	5	N/A	The Product Event Table update was aborted because the table entry was below the table boundary. This should not occur, but could if the Event Control Structure has been corrupted (overlaid).
24	6	N/A	The Product Event Table update was aborted because the table entry was above the table boundary. This should not occur, but could if the Event Control Structure has been corrupted (overlaid).
24	8	N/A	The Product Event Table PC update routine has been removed. This should not occur, but could if the Event Control structure has been corrupted (overlaid).
28	*n*	N/A	The CAISDI/els interface module, CSDEOPRQ, has abended. The "*n*" value is the abend code given to the ESTAEX routine. This should not occur, but could if the Event Control Structure has been corrupted (overlaid), or if a calling program has passed an invalid parameter. An invalid parameter would most likely cause a S0C4 abend.

CAISDI/els API Abend Codes

CAISDI/els will abnormally terminate when the following conditions arise:

- A required resource is not available
- An error condition occurs while CAISDI/els is already in an error recovery mode
- Corrupted values or structures are detected in internal control tables or modules

Retain any dumps that may be created for CA Support.

The following details the meaning of the CAISDI/els API Abend Codes.

U0004

The load for the CSDELT*xx* language-specific text module failed. *xx* is the language code. The default language-specific text module is the English version named CSDELTEN. The abend reason code is in the format REASON=*xxxxyyyy*, where *xxxx* is the hexadecimal encoding of the default language code "C5D5" meaning "EN" and the *yyyy* is the hexadecimal encoding of the requested language code.

Make sure the CSDELT*xx* module is in the linklist or STEPLIB. Increase the REGION size to accommodate this module.

U0008

The load for the CSDECOMM module failed. The abend reason code is the return code from the LOAD macro.

Make sure the CSDECOMM module is in the link list or STEPLIB. Increase REGION size to accommodate this module.

U0012

The language-specific text module is corrupted; no further text processing will be attempted. The text module name is CSDELT*xx*, where *xx* is the language code in effect. The default text module name is CSDELTEN.

U0016

A required DD is missing. No further processing will be attempted. The abend reason code indicates which DD is missing:

- REASON=00000001 indicates SYSIN is missing.
- REASON=00000002 indicates SYSPRINT is missing.

U0020

The CSDECOMM module is corrupted. No further processing will be attempted.

U0024

A fatal error was detected in building the Event Control Structure. The GETMAIN for ECSA failed, followed by a DEQ failure of the Event Control Structure. The abend reason code is the DEQ return code.

U0028

A fatal error was detected in building the Event Control Structure. The GETMAIN for ECSA failed, followed by a DEQ failure of the Event Control Structure. The abend reason code is the DEQ return code.

U0032

The attempt to create a Name and Token failed. CAISDI/els was attempting to free the ECSA it had acquired, but the FREEMAIN for that ECSA failed. The abend reason code is the return code from the Event Control Structure manager.

U0036

The attempt to create a Name or Token failed. The ECSA that had been acquired for the Event Control Structure was freed, but the DEQ for the Event Control Structure failed. The abend reason code is the DEQ return code.

U0040

The attempt to DEQ the Event Control Structure failed. The abend reason code is the DEQ return code.

CAISDI/med ABEND U2989 Reason Codes

When running CAISDI/med, a system generated ABEND U2989 may occur, with one of the following reason codes. The response to any of these abends is to collect the appropriate documentation and call CA Support.

1

Unexpected Name/Token service error.

2

Invalid task index detected by GETSTE service.

3

STE block validation failure detected by QUESTE service.

4

STE block validation failure detected by FREESTE service.

5

STE block validation failure detected by MEDTSKS service.

6

Unexpected IDENTIFY service error detected by MEDTSKS service.

7

Unexpected ATTACH service error detected by MEDTSKS service.

8

A recursive task ABEND restart condition detected by MEDTSKS service.

9

A PSFMSG internal error detected by MEDCMDS service.

10

Unexpected ENFREQ service error.

11

<SID> XML key not in LOGIN XMLOUT text.

12

Unable to establish API Auth PCs.

13

ASRBRTNE time out condition detected.

14

Invalid ENTRY code detected by APIPC001 service.

15

Invalid ENTRY code detected by MEDXAPI service.

16

Invalid ENTRY code detected by APIPC002 service.

17

SDQBLK Identifier check failed.

18

Unsupported SDIREQ request detected by APIPC001 service.