

# **IBM Sterling Connect:Enterprise for z/OS**

## **Messages and Codes Guide**

**Version 1.5**



This edition applies to the 1.5 Version of IBM® Sterling Connect:Enterprise® for z/OS® and to all subsequent releases and modifications until otherwise indicated in new editions.

Before using this information and the product it supports, read the information in *Notices* on page 297.

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## Remote User Error Messages

When the remote site expects to receive a data batch transmission, it sometimes receives a message that the requested batch does not exist. When you process received data, check to ensure you are not processing a IBM® Sterling Connect:Enterprise® for z/OS® error message instead of a data batch.

If your SNA remote site is defined as a console device, the messages are displayed on the console screen.

These error messages are also included in the *IBM Sterling Connect:Enterprise for z/OS Remote User's Guide*.

This section contains error messages sent to a remote site. These error messages are also included in the *IBM Sterling Connect:Enterprise for z/OS Remote User's Guide*.

Message	Description	Action
*** ERROR ***	An unidentifiable error occurred at the host.	Verify that your input data is correct, and retry the data transmission at a later time.
*** ERROR *** BATCH DATA BLOCKS EXCEED BUFFER SIZE.	You requested a batch with record sizes that are larger than allowed on the telecommunications line. Sterling Connect:Enterprise cannot send the batch to you using this line.	Try another line which may allow larger records. If this still does not work, you cannot access the batch.
*** ERROR ***BSC SIGNON SECURITY VIOLATION.	Your BSC SIGNON attempt has failed.	Contact host site personnel for further information.
*** ERROR *** COLLECTION FAILED. ID VALIDATION FAILED FOR ID=XXXXXXXX.	The Sterling Connect:Enterprise system at the host site uses the batch security option. The ID for your input data batch is incorrect, and your batch is rejected.	Correct the ID used if it is spelled incorrectly, or contact host site personnel to obtain a valid ID.

Message	Description	Action
*** ERROR *** COLLECTION FAILED. SECURITY VIOLATION.	You attempted to send batches without following security procedures. These procedures are unique for your installation and are activated by a user security exit.	Contact host site personnel if you cannot correct the problem.
*** ERROR *** COLLECTION FAILED. INVALID DATA COULD NOT BE DEBLOCKED.	You attempted to send batches to the host, but Sterling Connect:Enterprise cannot deblock your data to analyze its contents. This is generally due to a data format error or to a very large data block.	Attempt to correct your input data and retry the collection. If the problem persists, contact host personnel.
*** ERROR *** COLLECTION FAILED. INVALID FMH SENT.	Your remote site sent a Function Management Header (FMH) that is not supported by Sterling Connect:Enterprise. Sterling Connect:Enterprise supports only a 6-character FMH Type 1.	If you cannot correct the problem, contact host personnel.
*** ERROR *** COLLECTION FAILED. HOST SITE FILE PROBLEM.	The host site experienced a problem with its files while attempting to process your data collection. This is usually due to a file full condition or to a very large input data block.	If you cannot correct the problem, contact host personnel.
*** ERROR *** DATA COLLECTION REJECTED. TRY AGAIN LATER.	A temporary busy condition is encountered at the host site.	Retry the data collection at a later time.
*** ERROR *** DATA COLLECTION ABORTED. TRY AGAIN LATER.	An error condition at the host or on the line caused a data collection in progress to fail. The partial data batch is ignored and must be retransmitted at a later time. If this message occurs repeatedly, check the data you are sending the host.	Verify the data being transmitted if this occurs.
*** ERROR *** ID VALIDATION FAILED FOR ID=xxxxxxx.	The Sterling Connect:Enterprise system at the host site uses the batch security option. The ID in your input data is incorrect, and your communications attempt is rejected.	Correct the ID used if it is spelled incorrectly or contact host site personnel to obtain a valid ID.
*** ERROR *** INVALID PASSWORD FOR FULL DIRECTORY REQUEST.	You attempted a \$\$DIRECTORY request without supplying a Mailbox ID, and you did not supply the correct password.	Retype the request with the correct password, or only attempt a \$\$DIRECTORY for a single Mailbox ID.

Message	Description	Action
*** ERROR *** INVALID DELETE. BATCH NOT FOUND.	You attempted a \$\$DELETE for a batch that does not exist.	Correct the \$\$DELETE to specify the proper batch for deletion and retry the transmission.
*** ERROR *** INVALID DELETE. ENTER ID AND BATCHID=#nnnnnnn.	You attempted a \$\$DELETE but typed the batch identifiers incorrectly.	Correct the \$\$DELETE request and retry the transmission.
*** ERROR *** NO BATCHES FOR TRANSMISSION.	You have requested a data transmission with a \$\$REQUEST record, but the batch requested either does not exist or is not available for a data transmission to a remote site.	Use a \$\$DIRECTORY input to verify the identification of the batch. <b>Note:</b> Batches flagged T (transmitted) do not transmit again if you are requesting all batches for a Mailbox ID.
*** NOTE *** NO BATCHES FOR TRANSMISSION.	The host site has initiated a data transmission to your site through the Auto Connect feature. At the time of the Auto Connect, no batches are available for transmission to your remote site. This is normally not an error.	None.
*** ERROR *** SECURITY VIOLATION.	You attempted to access batches without following security procedures. These procedures are unique for your installation and are activated by a user security exit.	Contact host site personnel if you cannot correct the problem by changing your batch identifiers.
*** ERROR ***SELECTED BATCH ON DEALLOCATED FILE.	The selected batch is not accessible because it is located on an offline VSAM Batch Queue.	Contact host site personnel to have the VSAM Batch Queue allocated and retry your request.
*** ERROR *** SNA BATCH CANNOT BE CONVERTED TO BSC.	You attempted to request transmission of a batch which originated at an SNA remote site. The batch contains SNA control characters and cannot be converted and sent to your BSC remote site. The batch is accessible only to host site personnel or to SNA remote sites.	Verify batch selection. If correct, contact host site personnel.
*** ERROR ***SYSTEM I/O LIMIT REACHED TRY AGAIN LATER.	Host system activity is too high to satisfy this request.	Try your request later.
*** ERROR *** TRANSMIT FAILED. INCORRECT \$\$LOGOFF OPERAND.	You typed a \$\$LOGOFF command, but failed to supply the proper RMT or APPLID parameters. The \$\$LOGOFF is ignored.	Supply the proper \$\$LOGOFF format and retype the request.
*** ERROR *** TRANSMIT FAILED. ID VALIDATION FAILED FOR ID=XXXXXXXX.	The Sterling Connect:Enterprise system is installed at the host site with the batch security option. The ID you used is incorrect, and your request is rejected.	Correct the ID used if it is spelled incorrectly, or contact host site personnel to obtain a valid ID.

Message	Description	Action
*** ERROR *** TRANSMIT FAILED. NO BATCHES FOR TRANSMISSION.	You have requested a data transmission with the \$\$REQUEST function, but the batch requested either does not exist or is not available for a data transmission to a remote site.	Use a \$\$DIRECTORY to verify the identification of the batch and to determine if it is transmittable.
*** NOTE *** TRANSMIT FAILED. NO BATCHES FOR TRANSMISSION DURING Connect:Enterprise AUTO CONNECT.	The host site initiated a connection to your remote site through the Sterling Connect:Enterprise Auto Connect feature. At this time, no batches are ready for transmission to your remote site. This may not be an error. No batches are sent to you, but you may now have the opportunity to send data to the host site.	None.
*** ERROR *** TRANSMIT FAILED. INVALID PASSWORD FOR FULL DIRECTORY REQUEST.	You attempted a \$\$DIRECTORY request without supplying an ID, and did not supply the proper system password.	Retype the \$\$DIRECTORY with the proper password, or attempt a \$\$DIRECTORY for a single Mailbox ID only.
*** ERROR *** TRANSMIT FAILED. SECURITY VIOLATION.	You attempted to access host data without following security procedures. These procedures are unique for your installation and are activated by a user security exit.	Contact host site personnel if you cannot correct the problem.
*** ERROR *** TRANSMIT FAILED. YOUR REMOTE SENT NEGATIVE RESPONSE TO TRANSMIT.	<p>Sterling Connect:Enterprise attempted a data transmission to your remote site, but your remote site rejected it by sending a negative response. This can occur for many reasons. For example, your remote site may want to send data to the host at this time and not receive it. Or, Sterling Connect:Enterprise has directed the batch to a certain media that is currently not ready and available for use.</p> <p>Sterling Connect:Enterprise handles the negative response properly, and you can retry the failed transmission later if desired. Ensure the proper output media device is assigned and ready for use.</p>	If you cannot determine why your remote site is rejecting a transmission with a negative response, contact host site personnel. Sterling Connect:Enterprise records the transaction that failed and the reason for failure. It may be possible to recreate the problem and have host site personnel explain the negative response.



Message	Description	Action
*** ERROR *** TRANSMIT FAILED. DATA CANNOT BE FORMATTED FOR YOUR REMOTE.	The batch you have requested cannot be sent to your remote site due to a data formatting problem. This can occur when attempting to transmit BSC originated data to an SNA remote site, or vice versa.	If you are unable to correct the problem, contact host site personnel.
*** ERROR *** TRANSMIT FAILED. RECORDS ARE TOO LARGE FOR YOUR BUFFER SIZE.	The batch you have requested cannot be sent to your remote site. One or more of the batch data records exceeds the buffer size for your remote.	Contact remote site personnel if the problem persists and you require access to the batch. They may need to assign a larger buffer to your remote site.
*** ERROR *** TRANSMIT FAILED. SELECTED BATCH REQUIRES A STERLING CONNECT REMOTE DEFINITION.	The batch you have requested requires a Sterling Connect remote definition to properly transmit. Your current remote definition is not defined as such.	Make the appropriate changes to support Sterling Connect remotes and retry the \$\$REQUEST or refrain from selecting this batch.



# VSAM File Server Console Messages

This chapter contains the Sterling Connect:Enterprise VSAM File Server console messages. These messages begin with the **BTBnnnx** identifier.

Message	Description	Action
BTB001E: VSAM server initialization failed, Rc=nnn, RSN=nnn	The VSAM File Server was not able to initialize. Your region size should be 4Mb or higher.	Record the return (RC) and reason (RSN) codes and contact IBM Customer Support.
BTB002I: VSAM server initialization complete	The VSAM File Server was fully initialized. You can now run an offline utility or start Sterling Connect:Enterprise.	None.
BTB003W: Unable to initialize console, Rc=nnn	The console was not initialized.	Record the return code (RC) and contact IBM Customer Support.
BTB004I: Stop command accepted	The STOP command was received and the VSAM File Server is stopped.	None.
BTB005W: Unknown command - xxx...xxx	The command in the message was not recognized.	Reenter the correct command syntax.
BTB006W: Console error, Rc=nnn	An unspecified console error occurred.	Record the return code (RC) and contact IBM Customer Support.
BTB007I: Data set = xxx...xxx, Users = nn	This message is generated in response to a \$\$SER FILES console command. It specifies the full data set name of the VSAM file and the number of Sterling Connect:Enterprise and offline utilities users currently accessing the VSAM file.	None.
BTB008W: Data set name too long, Len = nn	The data set name you entered is too long.	Enter the correct data set name.

Message	Description	Action
BTB009I: Data set purged, xxx...xxx	The data set shown above has been purged from the system and is no longer available for use by Sterling Connect:Enterprise.	None.
BTB010W: Data set not found, xxx...xxx	The data set shown above was requested, but was not found in the operating system.	Pass to the VSAM File Server a valid, existing data set name.
BTB011I: nn data sets listed	This message is the last one produced when a \$\$\$SER FILES console command is issued. It specifies the total number of VSAM data sets currently allocated.	None.
BTB012E: VSAM Server is not APF authorized	The VSAM File Server cannot initialize because an unauthorized environment was detected.	Make sure all data sets specified in the STEPLIB DD statement are APF authorized. Restart the VSAM File Server.
BTB013E: STOP ignored - data sets allocated	The STOP console command was issued, but could not be processed because data sets were allocated. A list of data set names that are allocated can be obtained using the \$\$\$SER FILES console command.	Shutdown the client jobs who have required the data sets be allocated and reissue either the \$\$\$SER STOP console command or the \$\$\$SER STOP,I console command.
BTB014I: VSAM SERVER NOT FOUND IN SUBSYSTEM TABLE - RESET BYPASSED	A VSAM File Server reset function took no action because the server was not found on the system.	None.
BTB016E: SECURITY ERROR OPENING DSN=NNN...NNN, RC=XXXX, RSN=XXXX AUTH or SECURITY ERROR OPENING DSN=NNN...NNN, RC=XXXX, RSN=XXXX EXIT	The VSAM File Server is not authorized to open the named data set. RACROUTE REQUEST=AUTH security rules or the VSAM File Server Open User Exit prevented it.	Make sure the data set is the one needed. If so, correct the security rules or the User Exit program and retry the request.
BTB017I: Command ignored - Open/Close in progress	The console command could not be processed because an open or close request is being processed for a client task.	Reenter the console command after allowing enough time for the open or close request to be processed (usually five seconds).
BTB0018E: LOCATE ERROR FOR DSN=xxxxxxxxxx, RC=xxxx	The VSAM file server tried to obtain volume information for the specified DSN for a security check, but failed. A security error is assumed as a result.	Determine cause for specified LOCATE return code and retry the process. If this fails, call IBM Customer Support.

Message	Description	Action
BTB019E: VSAM server/clients active - reset bypassed	The VSAM file server reset function could not complete successfully. The server or clients appear to be active.	Determine which tasks are still active and stop them before attempting the reset function again.  Issue the following operator command to locate active clients: DISPLAY GRS, RES= (BTMJNAME, subsystemname)  where subsystemname is the 4-byte name specified in the Server, Sterling Connect:Enterprise, or STOUTL JCL execution parameter (PARM='subsystemname')  Message ISG020I reports all jobs holding this resource. Cancel or stop these jobs before attempting to perform the reset function again.
BTB020E:VSAM server name found– Non-Mailbox SSCVT Format - reset/initialization bypassed.	An SSCVT entry was found matching the subsystem name but the control block format was not proper for Mailbox use.	Specify a unique subsystem name or if the desired name had been added to the SYS1.PARMLIB (IEFSSnxx) member, remove it as the product will dynamically create its own SSCVT area in Mailbox format, then add it into the MVS SSCVT chain.
BTB021E:Record is too long. Record=nnn Buffer=nnn	The record that is being added has a record size larger than the destination VBQ. Record=nnn is the size of the record being written and Buffer=nnn is the size of the VBQ.	Decrease the size of the record or increase the size of the VBQ and retry function.
BTB022I: SECURITY ALERT OPENING DSN=XXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXX, RC=0004, RSN=0000 AUTH	The VSAM File was found not protected by the RACROUTE REQUEST=AUTH external security call. The most likely reasons are that the DATASET Class Resource was INACTIVE or there was no rule to match but access was permitted as the security systems default permission.	Make sure the data set is the one needed. If so, and you do not wish to see this message you should install permission rules for UPDATE access to the listed data set. Sterling Connect:Enterprise will continue using the file since access was granted.
BTB023E – VSAM OPEN ERROR OPENING DSN=XXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXX, RC=XXXX, RSN=XXXX	The VSAM File listed failed to open successfully for the specified return/reason code.	Refer to the appropriate IBM Documentation and follow their suggested actions for the VSAM OPEN MACRO RETURN/REASON CODE.
BTB024E - VSAM SERVER RESET PROGRAM IS NOT APF AUTHORIZED	The VSAM Server Reset Program cannot initialize because an unauthorized environment was detected.	Make sure all data sets specified in the STEPLIB DD statement are APF authorized. Restart the VSAM File Server Reset Program.

Message	Description	Action
BTB025I – Closing DD=XXXXXXXXX DSN=XXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXX	The VSAM File listed has been closed. The DDNAME assigned during file allocation is also displayed.	No action required.
BTB026I – Jobname=xxxxxxx JobID=xxxxxxx ASID=xxxx TCB=xxxxxxx Task=xxxxxxx	This message is generated in response to a FILES,LISTDD= console command. There is a message for every task that currently has the file opened. This includes all tasks in the Sterling Connect:Enterprise online system and all instances of the STOUTL offline utilities, that currently are using this file. It specifies the Jobname, JobID, Address Space ID (ASID),TCB address and a task identifier (assigned by Sterling Connect:Enterprise).	No action required.
BTB027I – DDname length invalid, Len = nn	This message is generated in response to a FILES,LISTDD= console command. The input DDNAME value entered was an invalid length (either 0 or greater than 8 characters).	Enter a valid DDNAME and retry the command.
BTB028E: Required Subsystem Name not supplied in JCL PARM	The VSAM Server Reset Program could not determine the subsystem name as it was not supplied in the JCL Parameter data.	Ensure the JCL Parameter data includes the desired subsystem name than restart the VSAM File Server Reset Program.
BTB029E: Reserved Subsystem Name supplied in JCL PARM	The VSAM Server Reset Program found a MVS Reserved subsystem name supplied in the JCL Parameter data. The reserved MVS subsystem names are VTAM, JES2, JES3, APPC, and prefix values of SMS, and TSO.	Ensure the JCL Parameter data includes the desired subsystem name, then restart the VSAM File Server Reset Program.
BTB030I: BTVSMAUX STOUTL VSAM SERVER I/O COMPLETION EXIT xx where xx will be STARTING, IN PROGRESS, or ENDING	Message written during STOUTL ABEND recovery to indicate that termination is delayed while the job waits for the completion of an outstanding Sterling Connect:Enterprise VSAM Server request. The IN PROGRESS message is written approximately every 1 minute. The delay times out after approximately 5 minutes.	If a delay is observed for a STOUTL job in ABEND error recovery, avoid using MVS CANCEL or FORCE commands as unpredictable results could occur.

Message	Description	Action
BTB031E: Catalog Services Error: [variable text as follows] Unexpected number of Field Name entries returned in CSINUMFD (see BTSNAP) -or- Catalog error detected in CSICFLG (see BTSNAP) -or- First entry returned is not a catalog entry in CSICTYPE (see BTSNAP) -or- R15=nnnnnnnn RSN=nnnnnnnn RC=nnnnnnnn (see BTSNAP)	An error was encountered calling CSI (Catalog Services Interface). Sterling Connect:Enterprise could not process the catalog entry to determine if a cluster is multi-volume and then calculate High-Available- RBA. The default space calculation is used (i.e., %Used = Hi-Used-RBA / Hi-Alloc-RBA). Otherwise, processing continues as normal.	Look in the VSAM Server BTSNAP file for additional diagnostic information and report this to IBM Customer Support for further analysis.
BTB040I: Linkage Index Reused	Sterling Connect:Enterprise reserves a Linkage Index when it is run the first time after an IPL and saves the value in a System Token so that restarts of Sterling Connect:Enterprise can reuse the Linkage Index.	None.
BTB100I: Vsam server initialization started	The VSAM Server has begun its initialization process.	None.
BTB101I: Vsam server Create vsmmgr Queue	The VSAM Server successfully create the Queue that is used to process VSAM I/O.	None.
BTB102I: Vsam server Start Timer Server	The VSAM Server started the Timer Server subtask.	None.
BTB103I: Vsam server Wait for Timer Server Initialization	The VSAM Server is waiting for the Timer Server subtask to complete its initialization.	None.
BTB104I: Vsam server Timer Server Initialization complete	The Timer Server subtask completed its initialization.	None.
BTB105I: Vsam server Start PC Server	The VSAM Server started the PC Server subtask	None.
BTB106I: Vsam server Wait for PC Server Initialization	The VSAM Server is waiting for the PC Server subtask to complete its initialization.	None.
BTB107I: Vsam server PC Server Initialization complete	The PC Server subtask completed its initialization.	None.
BTB108I: Vsam server Ready for work	The VSAM Server has completed its initialization and is ready for work.	None.
BTB109I: Vsam server Allocated GSA	The VSAM Server has successfully allocated its main control block, the GSA, in local storage.	None.

Message	Description	Action
BTB110I: Vsam server Created GSA System Token	The VSAM Server created a System Level Token to store the address of its GSA control block to be used by the PC Server and the Timer Server subtasks. The Token name is \$CE\$GSAGSA\$\$ssss where ssss is the subsystem value.	None.
BTB111I: Vsam server Created PC System Token	The VSAM Server created a System Level Token to store the PC Request, Response and State Change PC numbers and the Linkage Index value. The Token name is \$CE\$PCCALL\$\$ssss where ssss is the subsystem value.	None.
BTB112I: Vsam server Reserve System Linkage Index	The VSAM Server reserved a Linkage Index that will be saved in a System Level Token for reuse. When this message is issued during VSAM Server start-up, it means that this is the first time the VSAM Server has been started since an z/OS IPL.	None.
BTB113I: Vsam server Reusing System Linkage Index	The VSAM Server is reusing the Linkage Index it previously reserved. This message means that the VSAM Server has been started and stopped multiple times since an z/OS IPL.	None.
BTB114I: Vsam server Deleted old PC System Token	The System Level PC Token with the save Linkage Index has been deleted and will be recreated.	None.
BTB115I: Vsam server PC Environment Established	The VSAM Server's PC environment is ready for use.	None.
BTB116I: Vsam server PC Numbers cleared in PC Token	The VSAM Server cleared the PC Request, PC Response, PC State Change numbers from the System PC Token but left the LX number in tack. This System Token is retained so that the Linkage Index can be reused should the VSAM Server be re-started. The PC Request, PC Response and PC State Change numbers are cleared since the VSAM Server can no longer process VSAM I/O request.	None.
BTB117I: Vsam server PC Environment Terminated	The VSAM Server successfully terminated the PC environment.	None.



<b>Message</b>	<b>Description</b>	<b>Action</b>
BTB118I: Vsam server already active - ending task	A VSAM Server using the same subsystem is already active.	Stop the currently running VSAM Server with the same Subsystem or use a different 4-character Subsystem value.
BTB119I: Vsam server Delete GSA System Token	The VSAM Server is shutting down and deleted the GSA Token that is no longer needed.	None.
BTB120E - PLIST Address Invalid	A PC Request caller passed an invalid Parameter list address.	Contact IBM customer support.
BTB121E - PLIST EyeCatcher Missing	A PC Request caller passed an parameter list with the PC1P eyecatcher missing.	Contact IBM customer support.
BTB122E - Client BSR Address Invalid	A PC Request caller passed an invalid Backup State Request Control Block address.	Contact IBM customer support.
BTB123E - Client BSR EyeCatcher Missing	A PC Request caller passed a Backup State Request Control Block with the TBSR eyecatcher missing.	Contact IBM customer support.
BTB124E - Client OUB Address Invalid	A PC Request Caller passed an invalid Client OUB Control Block address.	Contact IBM customer support.
BTB125E - Client OUB EyeCatcher Missing	A PC Request Caller passed a Client OUB Control Block with the VOUB eyecatcher missing.	Contact IBM customer support.
BTB126E - Client ODB Address Invalid	A PC Request Caller passed an invalid Client ODB Control Block address.	Contact IBM customer support.
BTB127E - Client ODB EyeCatcher Missing	A PC Request Caller passed a Client ODB Control Block with the VOUB eyecatcher missing.	Contact IBM customer support.
BTB128E - Server OUB Address Invalid	A PC Request Caller passed an invalid Server OUB Control Block address.	Contact IBM customer support.
BTB129E - Server OUB EyeCatcher Missing	A PC Request Caller passed a Server OUB Control Block with the VOUB eyecatcher missing.	Contact IBM customer support.
BTB130E - Server ODB Address Invalid	A PC Request Caller passed an invalid Server ODB Control Block address.	Contact IBM customer support.

Message	Description	Action
BTB131E - Server ODB EyeCatcher Missing	A PC Request Caller passed a Server ODB Control Block with the VODB eyecatcher missing.	Contact IBM customer support.
BTB132E - PcSrv Recursion Max Exceeded	The PC Request program tried 1000 times to get a PC Server Queue Request Block.	Increase the number of QRB's allocated at VSAM Server startup. If problem persist, contact IBM customer support.
BTB133E - PcSrv QHB is Zero	The PC Server's Queue Header is zero. The PC Request program can no longer send request to the PC Server.	Possible VSAM Server is down. Check VSAM Server for errors. Contact IBM customer support if problem persist.
BTB134E - PcSrv QHB is Disabled: nnnnnnnn	The PC Server's Queue has been disabled. The PC Request program can no longer send request to the PC Server.	Possible VSAM Server is down. Check VSAM Server for errors. Contact IBM customer support if problem persist.
BTB135E - PcSrv TQHBQRBT is Zero	The PC Servers Queue Request Block Tail is zero.	Possible VSAM Server is down. Check VSAM Server for errors. Contact IBM customer support if problem persist.
BTB136E - PcSrv TQHBQRBT is Negative nnnnnnnn	The PC Servers Queue Request Block Tail is negative.	Possible VSAM Server is down. Check VSAM Server for errors. Contact IBM customer support if problem persist.
BTB140E - IEANTRT RC=xx	The PC Request program is attempting to read the GSA System Token but encountered a Token Read error.	Look up the Return Code in IBM's manual and contact IBM customer support if unable to discover z/OS error.
BTB141E - PLIST Address Invalid	A PC Response caller passed an invalid Parameter list address.	Contact IBM customer support.
BTB142E - PLIST EueCatcher Missing	A PC Response caller passed an parameter list with the PC1P eyecatcher missing.	Contact IBM customer support.
BTB143E - Client OUB Address Invalid	A PC Response Caller passed an invalid Client OUB Control Block address.	Contact IBM customer support.
BTB144E - Client OUB EyeCatcher Missing	A PC Response Caller passed a Client OUB Control Block with the VOUB eyecatcher missing.	Contact IBM customer support.
BTB1441I – OPENING DD=XXXXXXXX DSN=XXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXX ACB@=XXXXXXXX	The VSAM File listed has been opened successfully using the DDNAME specified with its VSAM ACB residing at the specified storage address.	No action required.

Message	Description	Action
BTB145E - Client ODB Address Invalid	A PC Response Caller passed an invalid Client ODB Control Block address.	Contact IBM customer support.
BTB146E - Client ODB EyeCatcher Missing	A PC Response Caller passed a Client ODB Control Block with the VOUB eyecatcher missing.	Contact IBM customer support.
BTB147E - Server OUB Address Invalid	A PC Response Caller passed an invalid Server OUB Control Block address.	Contact IBM customer support.
BTB148E - Server OUB EyeCatcher Missing	A PC Response Caller passed a Server OUB Control Block with the VOUB eyecatcher missing.	Contact IBM customer support.
BTB149E - Server ODB Address Invalid	A PC Response Caller passed an invalid Server ODB Control Block address.	Contact IBM customer support.
BTB150E - Server ODB EyeCatcher Missing	A PC Response Caller passed a Server ODB Control Block with the VOUB eyecatcher missing.	Contact IBM customer support.
BTB151E - IEANTRT RC=xx	The PC Response program is attempting to read the GSA System Token but encountered a Token Read error.	Look up the Return Code in IBM's manual and contact IBM customer support if unable to discover z/OS error.
BTB152E - Client RES Address Invalid	A PC Request caller passed an invalid Resource Control Block address.	Contact IBM customer support.
BTB153E - Client RES EyeCatcher Missing	A PC Request caller passed a Resource Control Block with the TRES eyecatcher missing.	Contact IBM customer support.
BTB154I: Vsam server Parms: SSSS,E=xnnn,P=xnn,R=xnn,S=xnn, L=xnnn,Q=nnn	Displays parameters setting when VSAM Server is initialized, where: SSSS=subsystem name E=EPVT P=PVT R=RETRY S=STRNO L=LSRBUF Q=QRBNO All numbers are expressed as hex values except QRBNO.	None.

Message	Description	Action
BTB155I: Vsam server Running version xxxx	Reports the version of VSAM Server that is running.	None.
BTB156I: nnn active request listed	This message is generated in response to a FILES,LISTDD= console command. It specifies the total number of VSAM requests active against the DD specified.	None.
BTB157W: P P P P P P P XMEM POST COMPLETED, RC=nnn	Reports the POST return code when a Cross Memory Post fails. If the post failure resulted in an abend, it will be followed by message BTB158W. Cross Memory Post failure can occur if client tasks, such as STOUTL jobs, are canceled before the VSAM Server can post the completion of a VSAM Request. P P P P P P P identifies the Post program (either BTTSKAPX or BTTSKXMP) that detected the post failure.	If failure can be correlated to canceled jobs, no action is required. If message is frequent or cannot be correlated to canceled activity, contact IBM customer support.
BTB158W: ABEND Sccc-iii AT LOCATION P P P P P P P P + n n n n n n n n - t t t . . . t t t	Reports a Cross Memory Post abend most likely caused by canceling a task that has an outstanding VSAM I/O request to the VSAM Server. ccc is the abend code, iii is the interrupt code. P P P P P P P P will identify the POST program (either BTTSKXMP or BTTSKAPX) and n n n n n n n n will be the offset of where the error was detected. t t t . . . t t t will be either "POST NOT COMPLETE" or "POST COMPLETED, RC=nnn" reporting whether or not the POST completed or not.	If failure can be correlated to canceled jobs, no action is required. If message is frequent or cannot be correlated to canceled activity, contact IBM customer support.
BTB159E: PLIST ADDRESS INVALID	A Connect OUB caller passed an invalid parameter list address.	Contact IBM customer support.
BTB160E: CLIENT ASID INVALID	A Connect OUB caller passed an invalid Client ASID.	Contact IBM customer support.
BTB161E: CLIENT ALESERV R15=n n n n n n n n	Creation of a Access List Entry failed while trying to connect OUBs.	Contact IBM customer support.
BTB162W: CLIENT OUB ADDRESS INVALID	A Connect OUB caller passed an invalid Client OUB Control Block address or the Client has been canceled (that is, a STOUTL job was canceled).	If correlates to a canceled job, no action is required; otherwise, Contact IBM customer support.

<b>Message</b>	<b>Description</b>	<b>Action</b>
BTB163W: CLIENT OUB EYECATCHER MISSING	A Connect OUB caller passed an Client OUB Control Block with the VOUB eyecatcher missing.	Contact IBM customer support.
BTB164E: SERVER OUB ADDRESS INVALID	A Connect OUB caller passed an invalid Server OUB Control Block address.	Contact IBM customer support.
BTB165E: SERVER OUB EYECATCHER MISSING	A Connect OUB caller passed an Server OUB Control Block with the VOUB eyecatcher missing.	Contact IBM customer support.
BTB166W: ABEND Sccc-iii AT OFFSET +nnnnn	The Connect OUB program abended with abend code ccc and interrupt code iii. If ccc is S0C5 or S0D6, them most likely explanation is that a STOUTL job was canceled before the first open of a VSAM file.	If abend code is S0C5 or S0D6 and a STOUTL job was canceled, no action is required. If the abend code is other than S0D5 or S0D6 or no STOUTL job was canceled, contact IBM customer support.



# Online System Console Messages

This chapter contains the messages written to the host system console by Sterling Connect:Enterprise. These messages begin with the CMBnnnx identifier.

Message	Description	Action
CMB001I – ENTER Connect:Enterprise Vn.n.nn REQUEST WHEN READY	This message is the prompt that allows the operator to enter Sterling Connect:Enterprise console commands. The message is an outstanding WTOR that the operator can reply to at any time.  <b>Note:</b> This message can be replaced by a custom-defined message for your system. Host site personnel should inform the host console operator if a different message is used.	The operator can now enter Sterling Connect:Enterprise console commands.
CMB002I – Sterling Connect:Enterprise Vnn.Rnn.Mnn INITIALIZATION COMPLETE	Indicates that Sterling Connect:Enterprise files and lines are open. The system is ready for data collection and data transmission.	Inform Remote Terminal operators that the Sterling Connect:Enterprise system is up.
CMB003E – x.....x	This message always accompanies another descriptive error message. It contains the 80-byte ODF record that was found to contain an error.	Correct the error in the ODF and resubmit the Sterling Connect:Enterprise job.
CMB004I – INVALID Connect:Enterprise REQUEST - xxx...xxx	The displayed operator command is invalid.	Check for spelling errors and reenter the request.
CMB005I – Connect:Enterprise CONSOLE COMMUNICATIONS ACTIVE	Sterling Connect:Enterprise control functions can now be entered through the system console when needed.	None required.

Message	Description	Action
CMB006I – Connect:Enterprise SHUTDOWN COMPLETE	The \$\$\$SHUTDOWN request entered on the system console has been processed, and all activity has stopped. The Sterling Connect:Enterprise job is ending.	Run Sterling Connect:Enterprise end-of-job processing, if any.
CMB007E – *OPTIONS REQUIRED AS FIRST OPTDEF RECORD	The Sterling Connect:Enterprise initialization program requires *OPTIONS as the first record in the ODF. Sterling Connect:Enterprise abends with the CMB253E message.	Correct the ODF to include *OPTIONS as the first record in the file and restart Sterling Connect:Enterprise.
CMB008E – INVALID OPTDEF RECORD:	One or more invalid parameters were detected on an ODF Record. The record containing the invalid data immediately follows the CMB008E message. Sterling Connect:Enterprise abends with the CMB253E message.	Correct the invalid parameters and restart Sterling Connect:Enterprise.
CMB009E – INVALID ID IN OPTDEF RECORD:	One or more invalid IDs were detected on an ODF *SECURITY record. The record containing the invalid ID immediately follows the CMB009E message. IDs must be 1 to 8 bytes in length. Sterling Connect:Enterprise abends with the CMB253E message.  If BTAM ID Verification is in use, this message is also used for invalid Host or Remote IDs (HID=xxx or RID=xxx). HID can be 1 to 15 bytes in length. RID can be 1 to 18 bytes in length.	Correct the invalid IDs in the ODF record and restart Sterling Connect:Enterprise.
CMB010E – USER ASSEMBLY (UA=xxxxxxx) NOT FOUND	The Sterling Connect:Enterprise initialization routines detected that the BSC User Assembly module specified in UA=xxxxxxx in the ODF was not found in the library that contains execution modules.	Create the User Assembly and place the load module in your JOBLIB or STEPLIB.
CMB011E – REQUIRED LOAD MODULE (xxxxxx) NOT IN EXECUTION LIBRARY	Sterling Connect:Enterprise needs the load module in the message, but it was not found in the execution modules library.	The module listed must be linked into your execution library.
CMB012I – SHUTDOWN REQUEST ACCEPTED	The \$\$\$SHUTDOWN reply entered on the host system console has been accepted for processing. The shutdown process has started.	None required.



Message	Description	Action
CMB013E – xxxxxxxx CLOSED DUE TO I/O ERRORS	A unrecoverable I/O error has occurred on the BSC line listed in the message.	A snapshot dump of the line is taken, and the line is closed down. No further transactions can occur on the line, but all other lines remain available and Sterling Connect:Enterprise remains active. If the line problem can be isolated and fixed, the Sterling Connect:Enterprise \$\$START xxxxxxxx command can be used to attempt further communications on the line.
CMB014E – YOUR xxxxxxxx IS FULL. FURTHER DATA COLLECTION IMPOSSIBLE	The VSAM File Server was requested to create a new batch on the VSAM batch files, but the file listed is full. This message can appear multiple times if remote sites attempt data collection after the file is full.	Although no further data collection is possible, data transmissions can still be requested. Eventually, however, you need to bring down Sterling Connect:Enterprise and extract the batches that were collected on the VSAM batch files, or expand the size of the files.
CMB015E – UNRECOVERABLE VSAM ERROR ON xxxxxxxxx FOR xxxxxxx.	An unrecoverable VSAM error occurred on the VSAM macro displayed in the message for the file noted in the message.	If no VSAM I/O is possible, Sterling Connect:Enterprise will abend. This message is followed by the CMB016E message, which further describes the error.
CMB016E – VSAM ERROR CODES (R15,R0) ARE (xxx,xxx)	An unrecoverable VSAM error occurred, setting the return codes as displayed in the message.	Look up the return codes in a VSAM programming manual for more information on the error. Sometimes the problem will be immediately apparent. If the problem is not apparent after checking a VSAM manual, contact IBM Customer Support.

Message	Description	Action
CMB017I – xxxxxxxx #nnnnnnn CT=nnnnnnnnn BID= ---+----1---+----2--- HHMM-YYYYDD ICADRTLNEUMXBQSZ VBQnn	<p>When the \$\$DIRECTORY command is entered, a series of CMB017I messages followed by CMB427I messages appears on the system console. There is one CMB017I message per batch on the VSAM batch files, either for all Mailbox IDs, or for the single ID entered as part of the \$\$DIRECTORY (or \$\$DIRECTORY 24) command.</p> <p>The fields in the message are:</p> <p>xxxxxxx = The 8-byte Mailbox ID with which the batch is associated.</p> <p>#nnnnnnn = The 7-digit batch number assigned to the batch by Sterling Connect:Enterprise.</p> <p>CT= nnnnnnnn = The count of blocks in the batch. If the count is zero, then either the batch data collection is in progress or was interrupted before completion.</p> <p>BID=xx...xx = The 24-byte user batch ID assigned to the batch when it was added to the VSAM batch files. This optional field can be defined as needed by the user to further identify the batch.</p> <p>hhmm = Time the batch was created.</p> <p>yyyydd = The Julian date the batch was created.</p> <p>ICADRTLNEUMXBQSZ = Batch status flags. See the <i>IBM Sterling Sterling Connect:Enterprise for z/OS User's Guide</i> for a complete listing.</p> <p>VBQnn= ID where the VBQ batch data resides.</p> <p><b>Note:</b> When the \$\$DIRECTORY24 command is entered, the CMB017I message is not followed by the CMB427I message.</p>	None required. This is the normal response to the \$\$DIRECTORY command entered on the system console.
CMB018I – STATUS OF ALL Connect:Enterprise LINES:	When the \$\$LIST command is entered, this message appears followed by one or more CMB019I messages.	None required. This is the normal response to the \$\$LIST command entered on the system console.

Message	Description	Action
CMB019I – LINEID=xxxxxxx OPEN ACTIVE[xxxxxxx] [AC] CLOSED INACTIVE or NO BSC LINES DEFINED	This message appears once per BSC line defined to Sterling Connect:Enterprise when the \$\$LIST command is entered. The message displays the ID of the line, the line status (OPEN or CLOSED), and the line's current use (ACTIVE or INACTIVE). If the line is ACTIVE, the user is identified. If the line is ACTIVE for an Auto Connect, AC is displayed. If there are no BSC lines defined to Sterling Connect:Enterprise and you enter a \$\$LIST LINES command, the message, NO BSC LINES DEFINED, is displayed.	None required. This is the normal response to the \$\$LIST command entered on the system console.
CMB020I – LINE (xxxxxxx) ALREADY OPEN	The \$\$START command was entered on the system console for the BSC Line ID listed in the message, but the line was found to be open already. No attempt is made to issue I/O to the line.	None required. Reenter the \$\$START command for a line that is closed, if needed.
CMB021I – LINE (xxxxxxx) OPEN	The \$\$START command was entered on the system console for the BSC Line ID listed in the message, and the line was successfully opened. A READ was issued to the line to allow input.	None required. This is the normal response to the \$\$START command entered on the system console.
CMB022I – INVALID ID (xxxxxxx)	A command was entered on the system console for the BSC Line ID listed in the message, but the line is not defined to Sterling Connect:Enterprise.	Reenter the command with a valid Line ID if required. Valid Line IDs might be displayed with the \$\$LIST command. Line IDs are defined in the M\$LINE macros in the Sterling Connect:Enterprise BSC User Assembly.
CMB023E – *OPTIONS PARAMETER MISSING. "UA=xxxxxxx" IS REQUIRED WHEN BTAM=YES	The ODF is missing the UA parameter. This parameter must supply the name of the BSC User Assembly module name. Sterling Connect:Enterprise abends with the CMB253E message.	Specify the module name in the UA parameter and restart Sterling Connect:Enterprise.
CMB024E – *REMOTES SECTION MISSING. REQUIRED FOR FTP=YES.	The ODF *REMOTES section is missing. At least one FTP client remote site must be defined when FTP=Yes is set.	Supply the required *REMOTES parameter and restart Sterling Connect:Enterprise.
CMB025E – ERROR: *REMOTES NOT FOLLOWED BY 'NAME' PARAMETER	The ODF *REMOTES section is missing the required NAME parameters that supply the remote site names. At least one name must be defined. Sterling Connect:Enterprise abends with the CMB253E message.	Supply the required NAME parameters and restart Sterling Connect:Enterprise.

Message	Description	Action
CMB026E – ERROR: *REMOTES (xxxxxxx) DOES NOT SPECIFY 'TYPE' PARAMETER	The ODF *REMOTES section contains an entry for the remote name listed in the message, but the TYPE parameter does not indicate the remote type. Sterling Connect:Enterprise abends with the CMB253E message.	Supply the required TYPE parameter and restart Sterling Connect:Enterprise.
CMB027I – COMMAND INVALID. 'BATCHID' FORMAT INCORRECT	The command entered on the system console was invalid. The BATCHID parameter was incorrect.	Check for keying errors and reenter the request.
CMB028E – ERROR: WITH SECURITY=LOGON, *REMOTES (xxxxxxx) MUST SPECIFY LUNAME	The ODF selected the use of LOGON Security, but the remote site listed did not supply a valid LUNAME. Sterling Connect:Enterprise abends with the CMB253E message.	Supply one or more valid LUNAMES for the remote site and restart Sterling Connect:Enterprise.
CMB029E – ERROR: AUTO CONNECT xxxxxxxx TO REMOTE (xxxxxxx) REQUIRES *REMOTES RECORD WITH LUNAME, RMTACB, OR POOL	The ODF contains *CONNECT records for an SNA Auto Connect, but the remote site listed in the message did not supply a valid LUNAME, RMTACB, or POOL in the associated *REMOTES record. Sterling Connect:Enterprise abends with CMB253E message.	Supply one or more valid LUNAMES, a RMTACB, or valid POOL for the remote site and resubmit the Sterling Connect:Enterprise job.
CMB030E – Connect:Enterprise/SNA INITIALIZATION FAILED. REASON: xxxxxxxxxxxxxxxxxxxxxxxxx	Sterling Connect:Enterprise initialization was unable to obtain storage for critical control blocks during system start-up. The exact failure reason is listed in the message.	Check system messages and take the appropriate action.
CMB031E – UNRECOVERABLE VTAM ERROR ON xxxxxxxxx	An unrecoverable VTAM I/O error occurred on the VTAM function displayed in the message.	The session with the remote site will probably be lost, but Sterling Connect:Enterprise continues executing. This message is followed by the CMB032E message, which further describes the error.
CMB032E – VTAM (RTNCD,FDBK2) = (xxx,xxx)	An unrecoverable VTAM I/O error occurred, setting the return code and feedback as shown in the message.	Look up the return codes in a VTAM Programming manual for more information on the error. This message is also accompanied by a small snapshot dump of the Sterling Connect:Enterprise and VTAM control blocks. Print the Sterling Connect:Enterprise Snapshot Data Set and contact IBM Customer Support.
CMB033I – YOU MAY DIAL THE REMOTE TERMINAL USING LINE xxxxxxxx WHEN READY	Sterling Connect:Enterprise is ready for you to dial for a manual dial line transmission.	You can use the phone on line xxxxxxxx to dial the remote site when you are sure the remote site is ready to accept your call.

Message	Description	Action
CMB034E – VTAM TPEND EXIT ENTERED. Connect:Enterprise SNA IS ENDING	VTAM itself is ending. Either VTAM was halted prematurely or it abended. Sterling Connect:Enterprise is also ending, since it cannot communicate without the presence of VTAM.	If you wish to continue Sterling Connect:Enterprise execution, you must first restart VTAM. Then restart Sterling Connect:Enterprise.
CMB035W – NO STORAGE AVAILABLE FOR SUB-SESSION POOLS. SNA SESSION LIMIT REDUCED	A large number of SNA sessions are currently in use. (\$\$LIST SESSIONS can be used to determine the number of current sessions). However, no new sessions can be started, because Sterling Connect:Enterprise was unable to obtain storage to support the sessions.	To support more sessions, you must bring down Sterling Connect:Enterprise and increase the region size. Then restart Sterling Connect:Enterprise.
CMB036E – VTAM REJECTED I/O. (RTNCD,FDBK2) = (xxx,xxx)	An I/O request was issued but was immediately rejected by VTAM. The return code and feedback codes are displayed in the message. Sterling Connect:Enterprise is unable to communicate on the session, and the session is terminated. Sterling Connect:Enterprise remains active to support other sessions.	This is usually a severe error. Print the Sterling Connect:Enterprise Snapshot Data Set and contact IBM Customer Support.
CMB037I – \$\$CONNECT INVALID. LISTNAME MUST BE ENTERED	The \$\$CONNECT console command was entered without the L=xxxxxxx parameter. Listname is required for the Auto Connect to start.	Reenter the command with the Listname.
CMB038I – \$\$CONNECT INVALID. LISTNAME NOT DEFINED TO Connect:Enterprise	The \$\$CONNECT console command was entered with a Listname that was not defined in the *CONNECT section of the ODF.	Either reenter the command with a valid Listname or add the undefined Listname to the *CONNECT records in the ODF.
CMB039I – COMMAND INVALID. 'ID' IS REQUIRED WHEN batchid IS USED	The \$\$CONNECT console command was entered with a BATCHID value but no ID value.	Reenter the command with both ID and BATCHID.
CMB040I – AUTO CONNECT FOR xxxxxxxx ACTIVATED	An Auto Connect for the Listname in the message has been activated. This message appears whenever an Auto Connect is activated.	None required. The Auto Connect is in progress and under the control of Sterling Connect:Enterprise.
CMB041I – \$\$CONNECT INVALID. LISTNAME IN USE FOR PREVIOUS AUTO CONNECT	The \$\$CONNECT console command was entered for a Listname that is already processing a previous Auto Connect.	None required. The \$\$CONNECT command was ignored. Retry the \$\$CONNECT at a later time if you wish to start another Auto Connect. See ACQUEUE and ACQDEFAULT parameters if you want to queue Auto Connect.

Message	Description	Action
CMB042I – AUTO CONNECT FOR xxxxxxxx IS ENDING	A Sterling Connect:Enterprise Auto Connect is ending for the Listname in the message. Additional console messages will follow with the ending statistics.	None required. You can run the Offline Utilities REPORT function for full details on the Auto Connect that has ended.
CMB043I – SUCCESSFUL TRANSMISSION OF NNN,NNN BATCHES FOR xxxxxxxx	Displays the number of batches successfully transmitted to remote sites for an Auto Connect which is ending. xxxxxxxx is the Auto Connect list name.	None required. You can run the Offline Utilities REPORT function for batch transmission details.
CMB044I - FAILED TRANSMISSION OF NNN,NNN BATCHES FOR xxxxxxxx	Displays the number of batch transmissions which failed for an Auto Connect which is ending. xxxxxxxx is the list name of the Auto Connect.	None required. You can run the Offline Utilities REPORT function for details on batch transmission failures.
CMB045I - SUCCESSFUL COLLECTION OF NNN,NNN BATCHES FOR xxxxxxxx	<p>Displays the number of batches successfully collected from remote sites for an Auto Connect which is ending. xxxxxxxx is the Auto Connect list name.</p> <p><b>Note:</b> If you specify for the Sterling Connect:Enterprise FTP client to not create a directory listing batch resulting from a DIR, LIST, or NLST command, this message will read:</p> <p style="padding-left: 40px;">CMB045I - SUCCESSFUL COLLECTION OF 0 BATCHES FOR xxxxxxxx</p> <p>For more information on the skip batch create feature, see the <i>IBM Sterling Connect:Enterprise for z/OS Administration Guide</i>, Chapter 5, <i>Configuring ODF Records for FTP Connections</i>.</p>	None required. You can run the Offline Utilities REPORT function for batch collection details.
CMB046I - FAILED COLLECTION OF NNN,NNN BATCHES FOR xxxxxxxx	Displays the number of batch collections which failed for an Auto Connect which is ending. xxxxxxxx is the list name of the Auto Connect.	None required. You can run the Offline Utilities REPORT function for details on batch collection failures.
CMB047I – AUTO CONNECT COMPLETE FOR xxxxxxxx AT hh:mm	A Sterling Connect:Enterprise Auto Connect is fully complete for the Listname specified in the message.	None required. You can run the Offline Utilities REPORT function for full details on the Auto Connect that has ended.

Message	Description	Action
CMB048I – WARNING: AUTO CONNECT xxxxxxxx ERROR (nnn)	The listed Sterling Connect:Enterprise Auto Connect has ended with a general error condition. The 3-digit Failure Code is displayed in the message.	None required. An offline utilities Auto Connect Summary REPORT function can be run to display additional status for the Auto Connect.
CMB049E – *** ERROR: AUTO CONNECT SUMMARY DATA LOST FOR xxxxxxxx	An unrecoverable VSAM error occurred when writing Auto Connect Summary data to the VSAM Log File. No record of the Auto Connect could be made.	Attempt another Auto Connect to determine if the problem is permanent. Contact IBM Customer Support if this problem persists.
CMB050E – ERROR: *CONNECT NOT FOLLOWED BY listname PARAMETER	The *CONNECT section of the ODF did not use the proper control record order. Sterling Connect:Enterprise abends with the CMB253E message.	Correct the *CONNECT section of the ODF. Restart Sterling Connect:Enterprise.
CMB051E – ERROR: NO REMOTES DEFINED FOR AUTO CONNECT, LISTNAME=xxxxxxx	The LISTNAME portion of the *CONNECT section of the ODF did not contain any remote specification records. Sterling Connect:Enterprise abends with the CMB253E message.	Add some remote specification records to the Auto Connect list shown in the message. Restart Sterling Connect:Enterprise.
CMB052E – ERROR: AUTO CONNECT LINE (xxxxxxx) IS INCORRECT TYPE	The BSC Line ID displayed in the message is not the proper line type for the Auto Connect list TYPE operand. Sterling Connect:Enterprise abends with the CMB253E message.	Either the TYPE= parameter in the *CONNECT record is incorrect or the LINES=/LINEID= parameter has specified the ID in an M\$LINE macro, which is the wrong line type. Correct and restart Sterling Connect:Enterprise.
CMB053E – ERROR: ONE OR MORE OF THESE LINES NOT DEFINED TO Connect:Enterprise:	A BSC line defined in the *CONNECT section of the ODF was not defined in an M\$LINE macro in your Sterling Connect:Enterprise BSC User Assembly. Sterling Connect:Enterprise abends with the CMB253E message.	The *CONNECT section LINES= or LINEID= parameter is incorrect. Either correct these parameters or fix the User Assembly to define the line. Restart Sterling Connect:Enterprise.
CMB054E – ERROR: NO AUTO DIAL LINES FOUND FOR AUTO CONNECT	The *CONNECT section of the ODF contained a TYPE=BSCAD Auto Connect list but no Auto Dial lines were defined in the Sterling Connect:Enterprise User Assembly. Sterling Connect:Enterprise abends with the CMB253E message.	Either correct the TYPE operand in the *CONNECT records or generate an auto dial line in your Sterling Connect:Enterprise BSC User Assembly. Restart Sterling Connect:Enterprise.
CMB055E – ERROR: lines= PARAMETER INVALID FOR LEASED REMOTES	The *CONNECT section of the ODF contained a LINES= parameter in a non-switched Auto Connect list. Sterling Connect:Enterprise abends with the CMB253E message.	Use the LINEID parameter in the remote specification record to define non-switched line IDs. Restart Sterling Connect:Enterprise.
CMB056E – ERROR: LINE TYPE NOT LEASED FOR THE FOLLOWING REMOTE:	The *CONNECT section of the ODF contained a remote specification record that referred to an invalid line type. Sterling Connect:Enterprise abends with the CMB253E message.	Correct the Remote Name or LINEID parameter on the *CONNECT remote specification record. Restart Sterling Connect:Enterprise.

Message	Description	Action
CMB057E – ERROR: INVALID FORMAT FOR REMOTE RECORD:	The *CONNECT section of the ODF contained an invalid remote specification record. Sterling Connect:Enterprise abends with the CMB253E message.	Correct the remote specification record. Restart Sterling Connect:Enterprise.
CMB058E – ERROR: THE FOLLOWING REMOTE TYPE IS INVALID:	The *CONNECT section of the ODF contained a remote specification record that is incompatible with the Auto Connect list TYPE. Sterling Connect:Enterprise abends with the CMB253E message.	Move the remote specification record to an Auto Connect list of the same type. Restart Sterling Connect:Enterprise.
CMB059E – ERROR: DUPLICATE LINE IDS FOR SINGLE AUTO CONNECT LIST (xxxxxxx)	The *CONNECT section of the ODF contained duplicate BSC Line IDs in the LINES= parameter for the Auto Connect list displayed. Sterling Connect:Enterprise abends with the CMB253E message.	Correct the LINES= parameter to remove the duplicate IDs. Restart Sterling Connect:Enterprise.
CMB060E – ERROR: Connect:Enterprise MAY NOT RECEIVE FIRST FOR AUTO CONNECT TO LEASED REMOTE	The *CONNECT section of the ODF contained non-switched remotes with a MODE= that specified RECVONLY or RECVSEND. Sterling Connect:Enterprise abends with the CMB253E message.	Correct the MODE= parameter to use SENDONLY or SENDRECV. Restart Sterling Connect:Enterprise.
CMB061E – ERROR: type= NOT SPECIFIED FOR AUTO CONNECT LIST (xxxxxxx)	The TYPE= parameter is required for the Auto Connect list displayed in the message.	Add the proper TYPE= parameter to the Auto Connect list in the *CONNECT section of the ODF. Restart Sterling Connect:Enterprise.
CMB062E – ERROR: SINGLE lines= VALUE REQUIRED FOR MANUAL DIAL LIST (xxxxxxx)	The *CONNECT section of the ODF contained a manual dial Auto Connect list that specified more than one BSC line in the LINES= parameter. Sterling Connect:Enterprise abends with the CMB253E message.	Correct the LINES= parameter to specify a single line. Restart Sterling Connect:Enterprise.
CMB063E – ERROR: time= VALUE NOT ALLOWED FOR MANUAL DIAL LIST (xxxxxxx)	BSC manual dial Auto Connect lists cannot use a TIME= value to activate the Auto Connect. The list displayed in the message contained a TIME= value in the *CONNECT records of the ODF.	Remove the TIME= value and use \$\$CONNECT to activate BSC manual dial Auto Connect lists. Restart Sterling Connect:Enterprise.
CMB064E – ERROR: MORE THAN 1 MANUAL DIAL REMOTE DEFINED FOR LIST (xxxxxxx)	BSC manual dial Auto Connect lists can contain only a single remote specification record. The list displayed in the message contained more than one remote in the *CONNECT records of the ODF.	Change all BSC manual dial Auto Connect lists to contain a single remote specification. Restart Sterling Connect:Enterprise.



Message	Description	Action
CMB065E – LINEID PARAMETER INVALID OR INCORRECT LINE TYPE	A \$\$CONNECT attempted to override the BSC line used for the Auto Connect with the LINEID parameter. Either this was improperly attempted for a non-switched line, or the LINEID specified a line type that was not compatible with the Auto Connect list type. The \$\$CONNECT command is ignored.	Reenter the \$\$CONNECT command with the proper LINEID override value.
CMB066E – ERROR: AUTO CONNECT FOR xxxxxxxx FAILED	A \$\$CONNECT command was entered for a manual dial Auto Connect list, but the attempt to contact the remote site failed.	If the Auto Connect has a RETRY value defined, you will be prompted to redial the remote site. After all retries are done with no response from the remote site, you should contact remote site personnel to correct the problem. Reenter the \$\$CONNECT command when the remote site is ready to respond.
CMB067I – LINEID ENTERED NOT AVAILABLE. RETRY LATER	A \$\$CONNECT command was entered with a LINEID override but the requested BSC line was not available for the Auto Connect.	Retry the \$\$CONNECT with another LINEID, or wait until the current BSC line transmission has completed and retry. See the ACQUEUE and ACQDEFAULT parameters, if you want to queue the Auto Connect.
CMB068I – USE PHONE NUMBER nnn...nnn	This message is displayed after CMB033I for a \$\$CONNECT on a BSC manual dial line. The phone number of the remote site you should dial is listed.	Dial the phone number listed using the BSC line from the CMB033I message when you are sure the remote site is ready for your call.
CMB069E – UNRECOVERABLE LOCK FAILURE (R15=xxx)	This message appears on DOS systems only. It is not used on MVS or z/OS systems.	N/A for MVS and z/OS systems.
CMB070W – VSAM FILE (xxxxxxx) HAS INCORRECT SHAREOPTIONS	The VSAM file listed in the message was incorrectly defined by IDCAMS to VSAM. For Sterling Connect:Enterprise, use SHAREOPTIONS (2) for VSAM files.	None required. If the chosen SHAREOPTIONS might cause loss of data, CMB071W and CMB072W will also appear and action will then be required.
CMB071W – ***WARNING: DATA LOSS IS POSSIBLE	This message might follow the CMB070W message if your SHAREOPTIONS were incorrectly specified for the VSAM files. You could experience random loss of data in the Sterling Connect:Enterprise system due to your improper definition of the VSAM files.	Consider the consequences of losing data at random in your system. This message is accompanied by CMB072W, which allows you to continue processing or to end the Sterling Connect:Enterprise session.

Message	Description	Action
CMB072W – REPLY Y TO CMN0011 MESSAGE TO CONTINUE ONLINE Connect:Enterprise	The SHAREOPTIONS defined for the VSAM batch files are incorrect. Your response to this message will determine if Sterling Connect:Enterprise should continue running.	Respond to this message with Y to allow Sterling Connect:Enterprise to continue running. Only respond Y in emergency conditions that require Sterling Connect:Enterprise to be up. To eliminate this condition, shutdown Sterling Connect:Enterprise and correct the SHAREOPTIONS problem.
CMB073W – ***WARNING: VSAMCF IS SHAREOPTIONS=2. SOME OFFLINE UTILITIES WILL NOT RUN	The SHAREOPTIONS for the VCF are incorrect.	Consider the consequences of losing data at random in your system. This message is accompanied by CMB072W, which allows you to continue processing or to end the Sterling Connect:Enterprise session.
CMB074W –YOUR VSAM VLF IS FULL. ALL NEW LOG RECORDS LOST	The current collection log file is full.	Allocate another VLF as the current collection log file. Perform proper VSAM file maintenance on the full VLF.
CMB075I – Connect:Enterprise WILL CONTINUE PROCESSING	You replied Y to the CMB072W console message, even though your SHAREOPTIONS are incorrect and might cause loss of data. Sterling Connect:Enterprise continues to run.	None required.
CMB076E – Connect:Enterprise ENDING. INVALID SHAREOPTIONS	You replied something other than Y to the CMB072W message. Your VSAM batch files SHAREOPTIONS are incorrect and you chose to halt the execution of Sterling Connect:Enterprise.	Correct your SHAREOPTIONS. Retry the execution of Online Sterling Connect:Enterprise.
CMB077I – REQUEST PROCESSED	You entered a \$\$DUMP or \$\$TRACE on the system console, and the request was processed correctly.	None required. This is the normal response to \$\$DUMP or \$\$TRACE.
CMB078E – USER EXIT PROGRAM (xxxxxxx) NOT FOUND	The load module listed in the message was specified in the ODF as a user-supplied exit, but was not found in your execution library. Sterling Connect:Enterprise will abend.	Be sure the program name listed is the correct User Exit name. Put the program load module in your JOBLIB or STEPLIB and re-execute Sterling Connect:Enterprise.
CMB079E – WARNING: ABEND DURING USER EXIT (xxxxxxx). PROBABLE USER EXIT ERROR	Sterling Connect:Enterprise detected a system abend that occurred when the User Exit listed was in control. There is probably an error in the user-supplied exit program. Sterling Connect:Enterprise abends and a system dump is produced.	Examine the system dump to determine if the abend was caused by your exit program. If the problem is not in your program, contact IBM Customer Support.

Message	Description	Action
CMB080I – REQUEST INVALID DURING \$\$\$SHUTDOWN	You entered a request on the system console after you requested a \$\$\$SHUTDOWN. The system is in a quiesced shutdown state and cannot process certain console commands.	Do not use this request type after entering \$\$\$SHUTDOWN. The request is ignored and Sterling Connect:Enterprise continues its shutdown process.
CMB081I – Connect:Enterprise SHUTDOWN PENDING. WAITING FOR xxx REMOTES NOW IN USE. (SNA/BSC ONLY)	You entered a \$\$\$SHUTDOWN to request a quiesced shutdown of Sterling Connect:Enterprise. The number of SNA or BSC remotes listed are in use with active transactions, so the system has not yet shut down.	None required. As each SNA or BSC remote completes its transaction, it will be stopped. When all remotes are shut down, Sterling Connect:Enterprise will end.
CMB082I – (xxxxxxx) LINE STOPPED–CLOSED	You entered a \$\$\$SHUTDOWN request and the BSC lines defined to Sterling Connect:Enterprise are being stopped. The line listed has been stopped and is no longer available for use.	None required. This is a normal response to a \$\$\$SHUTDOWN request.
CMB083E – SEVERE BTAM ERROR (xx)	Sterling Connect:Enterprise issued a BTAM read or write that was immediately rejected by BTAM with a return code as displayed in the message. The line cannot be used and is closed due to I/O errors by Sterling Connect:Enterprise. This is usually due to an error in Sterling Connect:Enterprise installation.	<p>Look up the return code listed in a BTAM manual under <i>Return Codes - READ Macro</i> or <i>Return Codes - WRITE Macro</i>. Probable errors are:</p> <p>08 = Invalid RLN. You have defined a number of M\$LINE macros in your User Assembly, but have not specified an identical number of DD statements for your BSCSW or BSCNS data sets. Fix your JCL to match your User Assembly.</p> <p>OC = Invalid Optype. Possible incorrect definition of line type (switched versus non-switched) in either the BSC User Assembly or I/O GEN.</p> <p>14 = Error during OPEN. Possible incorrect definition of line type (switched versus non-switched) in either the BSC User Assembly or I/O GEN.</p> <p>If the solution is not apparent after examining the BTAM return code, print the Sterling Connect:Enterprise Snapshot Data Set, then contact IBM Customer Support.</p>

Message	Description	Action
CMB084W – WARNING: 16 CONSECUTIVE ERRORS ON LINE xxxxxxx	The BSC line listed in the message is experiencing severe errors. You have requested Sterling Connect:Enterprise to never close the line for errors, or to only close it for 17 or more consecutive errors (through the M\$LINE CLOSE parameter). The line remains open, but is probably not usable.	Try to correct the reason for the severe errors. You might need to set a lower limit in the M\$LINE CLOSE parameter.
CMB085I –NO BTAM, SNA OR FTP COMMUNICATIONS MODES SPECIFIED	The *OPTIONS section of the ODF did not specify what telecommunications access method to use. This is just a warning. You do not have to specify an access method if you are just using Sterling Connect:Enterprise as a data repository.	Modify the *OPTIONS section to specify BTAM=YES, VTAM=YES, FTP=YES, or then restart Sterling Connect:Enterprise if you want to use it for more.
CMB086I – (xxxxxxx) SESSION STOPPED	You entered a \$\$SHUTDOWN request and the session listed in the message has been stopped. Sterling Connect:Enterprise is preparing for system shutdown.	None required. This is a normal response to a \$\$SHUTDOWN request.
CMB087I – STATUS OF ALL Connect:Enterprise SNA SESSIONS:	When the \$\$LIST command is entered, this message appears for Sterling Connect:Enterprise, followed by one or more CMB088I messages.	None required. This is the normal response to the \$\$LIST command entered on the system console.
CMB088I – NAME=XXXXXXXX ACTIVE [XXXXXXXX] [AC] INACTIVE	This message appears once per current Sterling Connect:Enterprise SNA session when the \$\$LIST command is entered. The message displays the NAME of the remote site and the session's current use (ACTIVE or INACTIVE). If the session is active the current batch ID is displayed. If an Auto Connect is active, "AC" is displayed.	None required. This is the normal response to the \$\$LIST command entered on the system console.
CMB089W – SNA SESSION LIMIT (500) REACHED. NO ADDITIONAL LOGONS ALLOWED	The maximum number of allowable sessions with Sterling Connect:Enterprise has been reached. No more LOGONS will be accepted until some of the current sessions are ended.	None required. Remote sites will have to wait for access to Sterling Connect:Enterprise.
CMB090W – NO STORAGE AVAILABLE FOR EXPANDED WAITLIST. SNA SESSION LIMIT IS 50	More than 50 concurrent sessions have tried to logon to Sterling Connect:Enterprise, but there is insufficient storage to support more sessions. The session limit has been reduced to 50.	To allow more sessions with Sterling Connect:Enterprise, additional storage is required. Increase the region size for the next execution of Sterling Connect:Enterprise.

Message	Description	Action
CMB091E – OPTIONS DEFINITION FILE FAILED TO SUPPLY *IDVER SECTION	A line defined to Sterling Connect:Enterprise specified the use of BTAM ID Verification, but the IDs to be verified were not supplied in the *IDVER section of the ODF. Sterling Connect:Enterprise abends with the CMB253E message.	Either correct the M\$LINE macros in the User Assembly to specify IDVER=NO, or supply ID values in the *IDVER section of the ODF. Restart Sterling Connect:Enterprise.
CMB092E – 1ST RECORD AFTER *IDVER FAILED TO SUPPLY HOST ID (HID=xxx)	One or more lines defined to Sterling Connect:Enterprise specified host ID Verification (IDVER=HOST or IDVER=BOTH), but the Host ID was not properly supplied in the ODF. Sterling Connect:Enterprise abends with the CMB253E message.	If the host ID is to be sent during BTAM ID Verification, supply the proper ID in the HID parameter, immediately following the *IDVER record in the ODF. Restart Sterling Connect:Enterprise.
CMB093E – *IDVER SECTION DOES NOT CONTAIN THE PROPER ID VALUES	One or more lines defined to Sterling Connect:Enterprise specified BTAM ID Verification, but the ID values were incorrectly specified in the ODF. Sterling Connect:Enterprise abends with the CMB253E message.	If the host ID is to be sent during BTAM ID Verification, supply the proper ID in the HID parameter, immediately following *IDVER. If the remote ID is to be sent during BTAM ID Verification, supply one or more ID values in RID parameters following *IDVER. Restart Sterling Connect:Enterprise.
CMB094E – *IDVER SECTION CONTAINS MORE IDS THAN SUPPORTED BY BTAM	BTAM restricts the number of remote IDs for ID Verification to 192. The *IDVER section of the ODF contains too many RID values. Sterling Connect:Enterprise abends with the CMB253E message.	Change the *IDVER section to specify a maximum of 192 RID values. If your system contains more than 192 remote sites, some sharing of IDs will be necessary. (This is a BTAM restriction not controlled by Sterling Connect:Enterprise). Restart Sterling Connect:Enterprise.
CMB095E – RJE SIGNON RECORD NOT SUPPLIED FOR AUTO CONNECT REMOTE (xxxxxxx)	The ODF contains a JES or POWER Auto Connect list, but the remote specification record for the displayed remote name is not immediately followed by a JES or POWER signon record. Sterling Connect:Enterprise abends with the CMB253E message.	Add the proper JES or POWER signon record to the *CONNECT section, immediately following the displayed remote name. Restart Sterling Connect:Enterprise.
CMB096I – Connect:Enterprise /SNA VTAM ACB OPEN	The Sterling Connect:Enterprise APPL (Application Program) was successfully opened by VTAM. The Sterling Connect:Enterprise network is now available for use.	None required. This message is normally displayed when Sterling Connect:Enterprise is initialized, or is displayed immediately after the \$\$\$START SNA command is entered.

Message	Description	Action
CMB097W – Connect:Enterprise RUNNING WITHOUT SNA. REPLY “\$\$A” TO ABORT OR “\$\$START SNA” TO RETRY SNA ACCESS	The Sterling Connect:Enterprise APPL (application program) was not successfully opened by VTAM. The APPLID value in the ODF is either not defined to VTAM or is not currently active. Sterling Connect:Enterprise is running, but the SNA network cannot access Sterling Connect:Enterprise.	If the APPLID value in the ODF is not defined to VTAM, you must eventually enter \$\$A to bring down Sterling Connect:Enterprise and correct the problem. If the Sterling Connect:Enterprise APPL is inactive, VARY the APPL active and enter \$\$START SNA to retry access to the SNA network.
CMB098E – JES REMOTE SITE (xxxxxxx) REQUIRES MODE=SENDRECV OR SENDONLY	The mode for the remote site displayed in the message was incorrectly specified in the ODF. All remotes in a JES or POWER Auto Connect list must specify MODE=SENDRECV or MODE=SENDONLY. Sterling Connect:Enterprise abends with the CMB253E message.	Correct the MODE parameter for the remote in the ODF. Restart Sterling Connect:Enterprise.
CMB099E – AUTO CONNECT LIST (xxxxxxx) WITH “DELAY” MUST USE “DISCINTV”	The displayed Auto Connect list in the ODF used the DELAY parameter with the DISCINTV parameter set to zero. A nonzero DISCINTV must be used with the DELAY feature. Sterling Connect:Enterprise abends with the CMB253E message.	Specify a nonzero DISCINTV value in the Auto Connect list and restart Sterling Connect:Enterprise.
CMB100W – *** WARNING *** VSAM ERRORS ON CONNECT:ENTERPRISE LOG FACILITY	An unrecoverable error occurred while accessing the VSAM Log File for the Log Facility. Sterling Connect:Enterprise continues execution, but no log records are maintained. The most common cause for this type of error is either that the VSAM Log File was out of space or the VSAM Log File was originally defined with a RECSZ maximum less than 256.	Refer to the Sterling Connect:Enterprise Snapshot Data Set for additional information on the cause of the error. If the error is not apparent, contact IBM Customer Support.
CMB101I – yyddd, hh:mm, BSC REMOTE CONNECT ON LINE=xxxxxxx ID=xxxxxxx (FAIL=nnn)	A remote-initiated connection completed on the BSC line displayed in the message. The first encountered batch ID is also displayed in the message. If the connection failed, a failure reason code is shown as well.	None required. Message CMB101I is normally displayed when a BSC connection is made. Failure codes are documented in the <i>CONNECT Failure Codes</i> chapter.
CMB102I – yyddd, hh:mm, BSC AUTO CONNECT=xxxxxxx ON LINE=xxxxxxx RMT=xxxxxxx (FAIL=nnn)	A host-initiated connection completed on the BSC line displayed in the message. The Remote Name from the Auto Connect list is also displayed in the message. If the connection failed, a failure reason code is shown.	None required. This message is normally displayed when a BSC connection is made. Failure codes are documented in the <i>CONNECT Failure Codes</i> chapter.

Message	Description	Action
CMB103I – YYYYDD, HH:MM, SNA REMOTE LOGON FOR RMT=XXXXXXXX RUSIZE=nnnn SEND BLKSIZE=nnnn (FAIL=nnn)	A remote-initiated connection has completed for the SNA remote displayed in the message. SEND BLKSIZE is only displayed if BLKSIZE is specified in the *REMOTE record. SEND BLKSIZE=RUSIZE is displayed if the BLKSIZE is larger than the RUSIZE. If the connection failed, a failure reason code is shown.	None required. This message is normally displayed when an SNA logon is made.
CMB104I – YYDDD, HH:MM, SNA AUTO CONNECT=XXXXXXXX LOGON FOR RMT=XXXXXXXX RUSIZE=nnnn SEND BLKSIZE=nnnn (FAIL=nnn)	A host-initiated connection has completed for the SNA remote displayed in the message. SEND BLKSIZE is only displayed if BLKSIZE is specified in the *REMOTE record. SEND BLKSIZE=RUSIZE is displayed if the BLKSIZE is larger than the RUSIZE. If the connection failed, a failure reason code is shown.	None required. This message is normally displayed when an SNA logon is made.
CMB105I – yyddd, hh:mm, BSC DISCONNECT ON LINE=xxxxxxxx ID=xxxxxxxx	A disconnection completed for the BSC line and ID displayed in the message. The original connection was remote-initiated.	None required. This message is normally displayed when a BSC disconnection is made.
CMB106I – yyddd, hh:mm, BSC DISCONNECT ON LINE=xxxxxxxx RMT=xxxxxxxx AC=xxxxxxxx	A disconnection completed for the BSC line, Remote Name, and Auto Connect displayed in the message. The original connection was host-initiated through the Auto Connect feature.	None required. This message is normally displayed when a BSC disconnection is made.
CMB107I – yyddd, hh:mm, SNA SESSION END FOR RMT=xxxxxxxx MAX RUSIZE RECEIVED=nnnn AC=xxxxxxxx	An SNA session has ended for the Auto Connect and remote site displayed in the message.	None required. This message is normally displayed when an SNA session ends.
CMB108E – ERROR: LUNAME AND RMTACB ARE MUTUALLY EXCLUSIVE KEYWORDS	The use of RMTACB implies that Sterling Connect:Enterprise will act as the SLU for the session, while the use of LUNAME implies that Sterling Connect:Enterprise will act as the PLU.	Remove the incorrect parameter and restart Sterling Connect:Enterprise.
CMB109W – WARN: OPTION SET TO CONSOLE=NO FOR RMTNAME xxxxxxxx	CONSOLE=YES was either specified or was the default for this remote it was changed to CONSOLE=NO. CONSOLE=NO is required for Sterling Connect:Enterprise-to-Sterling Connect:Enterprise sessions.	Specify CONSOLE=NO sometime before the next recycle of Sterling Connect:Enterprise.
CMB110W – SESSION REJECTED FOR xxxxxxxx VSESSLIM REACHED	A Remote (xxxxxxx) tried to start a session with this Sterling Connect:Enterprise but VSESSLIM was reached.	Increase the VSESSLIM value (default is 8) if more remote sessions are desired. The remote can retry the failed session at a later time.

Message	Description	Action
CMB111E – OPNSEC FAILED, SEE SNAP DATA	The OPNSEC failed in the Sterling Connect:Enterprise acting as the SLU for a session.	Check the RPL RTNCODE/FEEDBK2 information in the SNAP to determine the problem, or contact IBM Customer Support.
CMB112E – LOGON REJECTED: SCIPXLGN FULL, CALL CUSTOMER SUPPORT	You have exceeded the limit of an Sterling Connect:Enterprise internal table controlling remote logons.	Contact IBM Customer Support.
CMB113E – LOGON REJECTED: NO USERDATA IN BIND, SEE SNAP DATA	An Sterling Connect:Enterprise acting as the SLU did not receive user data. This data is required for Sterling Connect:Enterprise to tie the session to one of its remote definition specifications.	The Sterling Connect:Enterprise acting as the PLU must code the *REMOTE parameter USERDATA=xxxxxxx for the remote in the Auto Connect that is starting the session. xxxxxx must match the *REMOTE NAME=xxxxxxx in the SLU Sterling Connect:Enterprise.
CMB114E – SESSIONC BIND REJECT FAILED	See SNAP and error message from an earlier failure. The SESSIONC macro failed to execute.	Check the RPL RTNCODE/FEEDBK2 information in the SNAP to determine the problem, or contact IBM Customer Support.
CMB115E – Connect:Enterprise MUST HAVE USERDATA IN xxxxxxxx to ACT AS SLU	You have tried to start a session and act as the SLU but you did not code USERDATA=xxxxxxx to point to the remote name you wish to use.	Add USERDATA to your remote definition for this session, recycle Sterling Connect:Enterprise and restart the Auto Connect.
CMB116E – SESSION SETUP FAILED SEE SNAP DATA	The VTAM NSEXIT was driven with either an NSPE or a NOTIFY command.	Check the SNAP data to find out why the session failed, or call IBM Customer Support.
CMB117E – REQSESS FAILED, SEE SNAP DATA	Sterling Connect:Enterprise, acting as the SLU, issued a REQSESS to start a session but the request failed.	Check SNAP data. Make sure that the PLU application is active and the LOGMODE is available. If a parallel session was attempted, make sure that the PLU session partner supports parallel sessions.
CMB118W – SC=YES TURNED OFF FOR REMOTE xxxxxxxx NEG RESPONSE TO FMH9	Sterling Connect:Enterprise tried to do the IBM Proprietary FMH9 exchange but the session partner gave a negative response.	Remove SC=YES if your session partner does not understand an FMH9.
CMB119E – APPC=YES REQUIRES APPCAPPL TO BE CODED	The Sterling Connect:Enterprise/APPC system cannot start without a VTAM ACB for LU6.2 services.	Code the APPCAPPL parameter in the *OPTIONS section of the ODF.



Message	Description	Action
CMB120E – CICSAPPL, CICS MODE AND CICSSTR1, CODE ALL OR NONE	All these parameters are required to initiate a conversation with the partner CICS. If one is specified, all must be specified.	Code all three parameters and retry.
CMB121E – XAPPCWT REQUIRES XAPPCWI, CICSAPPL, AND CICSSTR1 TO BE CODED	All these parameters are required to initiate a wake up transaction with the partner CICS. If one is specified, all must be specified.	Code all these parameters and retry.
CMB122E – XAPPCWI REQUIRES CICSAPPL AND CICSSTR1 TO BE CODED	All these parameters are required to initiate a wake up transaction with the partner CICS. If one is specified, all must be specified.	Code all these parameters and retry.
CMB123E – INVALID "PARM" INFORMATION IN THE "EXEC" JCL STATEMENT	Sterling Connect:Enterprise will accept parameter input from the execute card PARM= field. The 4-byte parameter must be unique for each Sterling Connect:Enterprise running on this system.	Specify the unique 4-byte parm name of the VSAM File Server and retry.
CMB124I – C:E /APPC INITIALIZATION COMPLETE	Sterling Connect:Enterprise/APPC has been initialized. This is a normal start-up message.	None required.
CMB125E – STORAGE NOT AVAILABLE FOR EXPANDED RECORD SUPPORT - REMOTE (xxxxxxx)	A GETMAIN failed to get required storage.	Increase the Sterling Connect:Enterprise region size.
CMB126E – C:E APPC HAS TERMINATED *** ABEND xxx ***	The Sterling Connect:Enterprise/APPC program system abended.	Collect console messages, snaps, and dumps. Contact IBM Customer Support. Sterling Connect:Enterprise/APPC should be restarted.
CMB127I – C:E /APPC ALREADY RUNNING	The \$\$START APPC command was entered, but Sterling Connect:Enterprise/APPC is still running.	None required.
CMB128E – APPCAPPL REQUIRED IN OPTIONS DEFINITION FILE FOR \$\$START APPC	The Sterling Connect:Enterprise/APPC system cannot start without a VTAM ACB for LU6.2 services.	Code the APPCAPPL parameter in the *OPTIONS section of the Options Definition File.
CMB129I – STOP APPC COMMAND REJECT, C:E /APPC IS NOT INITIALIZED	Sterling Connect:Enterprise/APPC cannot be stopped because it is not running.	None required.
CMB130I – Connect:Enterprise WAITING FOR APPC TERMINATION	Sterling Connect:Enterprise has instructed Sterling Connect:Enterprise/APPC to terminate at the request of an Operator or CICS/Operator command.	None required.

Message	Description	Action
CMB131E – POOL NAME IS INVALID:xxx...xxx	The pool name specified in the *POOLS section is invalid or the pool name specified in the POOL= parameter of the *REMOTES is not defined.	Ensure the pool name is 1–8 bytes in length when defined in the *POOLS section, or the pool name specified in the *REMOTES section has already been defined in the *POOLS section.
CMB132E – NO LU NAMES SPECIFIED IN POOL: xxxxxxxx	A NAME= parameter was specified in the *POOLS section but no LU parameters follow.	Ensure there is at least one valid LU parameter following the NAME parameter.
CMB133E – MAXIMUM POOL SIZE EXCEEDED	The total number of Logical Unit Name POOLS and LUNAMES has exceeded the maximum table size allowed (4,026,531,839 bytes).	Verify the number of POOLS defined and eliminate unneeded pools. Verify the LUNAMES defined for each pool and eliminate unneeded names.
CMB134E – LU NAME IS INVALID	The name specified on the LU= parameter of the *POOLS section is invalid.	Ensure the LUNAME is 1-8 bytes in length when defined in the *POOLS section.
CMB135W – STORAGE NOT AVAILABLE FOR BCHSEP=OPT3 TRANSMIT LIST. BCHSEP FORCED TO “NO”	There is insufficient storage for allocating the batch transmission list used when BCHSEP=OPT3 is specified. Sterling Connect:Enterprise forces the use of BCHSEP=NO.	None required. If you wish to use BCHSEP=OPT3, increase the region size for the next execution of the Sterling Connect:Enterprise job.
CMB136E – CALENDAR NAME IS INVALID	An invalid calendar name was specified in the ODF *CALENDAR section. Either no NAME= parameter was specified or a blank name or name longer than eight characters was specified. This message might also precede message CMB137E when duplicate calendar names are used.	Correct the NAME parameter and restart Sterling Connect:Enterprise.
CMB137E – DUPLICATE CALENDAR NAME=xxxxxxx	Two or more calendars were defined in the ODF *CALENDAR section with the same name.	Remove the duplicate calendar entries or change the name(s) of the duplicate entries and restart Sterling Connect:Enterprise.
CMB138E – DUPLICATE ACTIVATION/EXCEPTION DATES FOR CALENDAR NAME=xxxxxxx	Duplicate activation and exception dates were detected in a calendar entry in the ODF *CALENDAR section. The same value (MMDD) was specified as both an exception and activation date on the EXDATES and DATES cards respectively. A given date can be one or the other, but not both.	Remove the duplicate date(s) and restart Sterling Connect:Enterprise.

Message	Description	Action
CMB139E – CALENDAR=xxxxxxx IN LISTNAME=xxxxxxx NOT DEFINED	A calendar was specified in the ODF *CONNECT section which is not defined in the *CALENDAR section.	Either change the calendar in the *CONNECT record to a valid (defined) calendar name or define a calendar with that name and restart Sterling Connect:Enterprise.
CMB140I – NO BATCHES FOUND-LIST = xxxxxxxx REMOTE = nnnnnnnn	No batches were found for remote nnnnnnnn.	None required.
CMB141E– BATCH ADD FAILURE. ALL AVAILABLE BATCH NUMBERS USED	A batch add has failed due to the fact that there are no available batch numbers to assign to a new batch. Any subsequent attempts to add a batch will also fail for the same reason.	Erase all unwanted batches from the batch queues. This will free up the batch numbers from the erased batches and allow them to be assigned to newly added batches. Alternatively, re-initialize your batch queues with the purge utility and increase the maximum batch number (maxbno) parameter. Be aware that this alternative will erase all batches from the queues.
CMB142I – MAXIMUM BATCH NUMBER REACHED. ROLLOVER TO FIND AN AVAILABLE BATCH NUMBER	The maximum batch number has been reached. The system is rolling over to begin searching for available batch numbers beginning with batch number one.	Ensure you have been erasing batches which are no longer needed. This allows batch numbers to be reused when the MAXBNO has been reached.
CMB143E – CONNECT:ENTERPRISE MUST BE APF AUTHORIZED	Sterling Connect:Enterprise for z/OS must be executed from an APF Authorized (LNKLST, JOBLIB, STEPLIB) environment.	Ensure that a valid APF authorized environment exists and restart Sterling Connect:Enterprise.
CMB144I - \$\$REFRESH FILES UNABLE TO COMPLETE	This message is informational to show that the \$\$REFRESH operation was unable to complete.	Review the earlier error message and resolve whatever caused the command to fail, then reissue the command.
CMB145W – VTAM RU SIZE EXCEEDS MAXIMUM FOR LINE	An RU has been received that is larger than the maximum defined for this remote. The batch cannot be properly collected.	Ensure that you have defined the maximum RU size properly for this remote. Ensure that the remote can properly send the data. Retry the connection.
CMB146E – RECEIVED BUFFER SIZE EXCEEDS YOUR VSAM RECSZ	The received record size is larger than the record size of your VSAM batch queue.	Define your VBQ with record sizes large enough to support your receive record size.
CMB147E – STRING PROTOCOL ERROR FOR XXX - XXXXXXXX X'1D' FOLLOWED BY X'XX' - SEE SNAP DUMP	The received compressed BSC data is in error. The SNAP data contains a copy of what was received.	Have the remote site correct the error in the data and retransmit.

Message	Description	Action
CMB149W – NO AVAILABLE LU NAMES IN POOL xxxxxxxx FOR AC=xxxxxxx	The specified pool has no available LU names to use for the specified Auto Connect. Auto Connect processing stops.	Increase the size of the LU pool and retry or wait until LU names in the pool become available.
CMB150W – ERROR, NO LUNAME, POOL OR RMTACB FOR RMT=xxxxxxx in AC=xxxxxxx, SEE SNAP DATA	A remote specified in the Auto Connect listname does not have an associated LUNAME, LU POOL NAME, or a remote ACB name defined for it.	Update the remote definition in the *REMOTES section of the Options Definition File to include one of the following: LUNAME=xxxxxxx, RMTACB=xxxxxxx, or POOL=xxxxxxx.
CMB151I – STATUS OF Connect:Enterprise TRACES:	Sterling Connect:Enterprise trace status follows.	None required.
CMB152I – NO Connect:Enterprise TRACES ACTIVE	No Sterling Connect:Enterprise traces were found active.	None required.
CMB153I – LINE xxxxxxxx TRACE ACTIVE.	A trace is currently active on the line indicated.	None required.
CMB154I – xxxxxxxx TRACE ACTIVE.	A trace is currently active as indicated. The valid traces are APPC APO, APPC APQ, APPC CP, APPC PR, AUTO CON, DEBUG, DIALOG, FTP, RPCON, RPEOB, RPLOG, RPSCH, RPWKT, SNA, T/P IO, TCPSCH, USR EXIT, VSAM, and VSAM A2C.	None required.
CMB155E – GETMAIN FAILED FOR STACKED COMMAND PROCESSING SESSION BEING TERMINATED	A getmain has failed while attempting to stack commands from a remote.	Increase the region size and restart Sterling Connect:Enterprise.
CMB156W – WARNING: xxx FILE xxxxx IS nnnn PERCENT FULL, EXTENT #nnn	The specified VBQ/LOG file is getting full or is in secondary extents.	Allocate another VBQ/LOG file as the current collection file and perform proper VSAM file maintenance on the full VBQnn/VLFn file.
CMB157E – STORAGE NOT AVAILABLE FOR BATCH XMIT ENQ. BATCH TRANSMISSION NOT SUPPORTED.	Storage was not available to create an internal table used to control serialization during batch transmission.	Increase the region size for Sterling Connect:Enterprise and restart the system.
CMB158W – FORCED DEQ FAILED	Serialization controls used during batch transmission could not be freed. It might be possible that the batch could not be processed correctly by offline utilities. This is most likely an internal error.	Contact IBM Customer Support.

Message	Description	Action
CMB159E – POWER SIGNON RECORD FOR AUTO CONNECT REMOTE (xxxxxxx) MUST BEGIN IN COLUMN 2	The remote specification record in the *CONNECT section of the ODF must be followed by the POWER signon record, beginning in column 2.	Correct the POWER signon record in the *CONNECT section, immediately following the displayed remote name. Restart Sterling Connect:Enterprise.
CMB160I – INVALID ID ENTERED	The format of the ID= field in the \$\$STATFLG command is invalid.	Correct the ID and reenter the command.
CMB161I – INVALID BATCHID ENTERED OR EXCEEDS MAXBNO VALUE	The format of the BATCHID= field in the \$\$STATFLG command is invalid or the number specified exceeds the MAXBNO value defined by purge.	Correct the BATCHID and reenter the command.
CMB162I – INVALID “ON” FLAGS	The maximum number of flags that can be turned on at one time is 5. The valid flags are RDTEM.	Correct the flags and reenter the command.
CMB163I – INVALID “OFF” FLAGS	The maximum number of flags that can be turned off at one time is 5. The valid flags are RDTEM.	Correct the flags and reenter the command.
CMB164I – INVALID \$\$STATFLG COMMAND FORMAT	The format of the command was found to be invalid. A keyword might have been spelled incorrectly.	Correct the format and reenter the command.
CMB165I – MUST ENTER ID= WITH BATCHID NUMBER	A BATCHID number value alone is not valid. You must enter the ID= with the batch number. If desired, enter a user batch ID only or ID name only.	Correct the format and reenter the command.
CMB166I – NO BATCHES FOUND TO MATCH ID/BID	The ID/BATCHID combination was not found. You can use a \$\$DIRECTORY to find the correct ID/BATCHID names.	Correct the names and reenter the command.
CMB167I – STATUS FLAGS HAVE BEEN SUCCESSFULLY UPDATED	The status flags have been changed in the VSAM control file.	None required.
CMB168E – xxx FAILED IN STFC01 FOR VCF MASTER RECORD 0000	A GET or PUT (xxx) failed for the VCF master record, processing cannot continue.	Sterling Connect:Enterprise issues a user abend 0168 and terminates. Check to see that the Sterling Connect:Enterprise files have been converted to the Release 2.1 format. (See the CONVERT offline utility.)
CMB169E – MODCB FAILED IN STFC01	A MODCB failed for an RPL in STFC01, Sterling Connect:Enterprise cannot continue processing.	Sterling Connect:Enterprise issues a user 0169 abend and terminates. Contact IBM Customer Support.

Message	Description	Action
CMB170I – MAXIMUM BATCHES xxxxxxx, CURRENT BATCHES xxxxxxx, LAST USED xxxxxxx, ROLLED xxxxxxx	At Sterling Connect:Enterprise start-up time you will get the maximum batch number allowed in this Sterling Connect:Enterprise system (Maximum value from PURGE MAXBNO=), the current batch count, the last used batch number and the number of times the numbers have recycled.	None required.
CMB171I – Connect:Enterprise NOW USING MODIFY INTERFACE	You have coded MODIFY=YES in the *OPTIONS section of Sterling Connect:Enterprise, and it was console started. Sterling Connect:Enterprise now uses the MVS MODIFY interface in place of the WTOR interface.	None required.
CMB172I – ISSUE MODIFY \$\$\$SHUTDOWN COMMAND TO STOP C:E	The MVS STOP (P) command cannot be used to shutdown Sterling Connect:Enterprise, you must use the MODIFY (F) command.	Issue F Procname, \$\$\$SHUTDOWN to shutdown Sterling Connect:Enterprise.
CMB173I – COMMAND NOT MODIFY OR STOP TO Connect:Enterprise	An unknown command type was found in the Command Input Buffer.	Unknown command is ignored.
CMB174E – QEDIT MACRO FAILED	The QEDIT macro failed to get/free the Command Input Buffers.	Sterling Connect:Enterprise issues a user 0174 abend and is terminated. Contact IBM Customer Support.
CMB175I – Connect:Enterprise NOT CONSOLE STARTED, MUST USE WTOR INTERFACE	It is an MVS and z/OS system requirement that tasks using the MODIFY interface must be console started.	Sterling Connect:Enterprise switches to using the WTOR for command input.
CMB176E – INVALID DIAL DIGITS FOR SYNC AUTODIAL LANGUAGE MODEM	The dial digits must start with a D or an O for the supported modem types.	Correct the dial digits and recycle Sterling Connect:Enterprise.
CMB177E – SYNC AUTODIAL LANGUAGE MODEM TYPE SPECIFIED NOT SUPPORTED	For the supported modem types, see the SADL feature in the <i>IBM Sterling Connect:Enterprise for z/OS Installation Guide</i> .	Correct the modem type, reassemble the M\$LINE user assembly and restart Sterling Connect:Enterprise.
CMB178W – TRACES STOPPED - xxx ABEND, ENTER \$\$\$TRACE COMMAND TO REUSE SNAP FILE	The SNAPOUT DD file ran out of space or directory blocks, no more records can be written.	Reenter the \$\$\$TRACE command to reuse the SNAPOUT file, or allocate a larger snapout file and restart Sterling Connect:Enterprise.
CMB179W – OPEN FAILED FOR SNAPOUT FILE, NO TRACES CAN BE TAKEN	The open failed for the SNAPOUT trace file, Sterling Connect:Enterprise will continue but no traces or \$\$\$DUMPS can be taken.	Correct the open failure before next start of Sterling Connect:Enterprise.

Message	Description	Action
CMB180I – \$\$STOP INVALID SYNTAX	The syntax for the \$\$STOP command is incorrect.	Correct the syntax and reenter the command.
CMB181I – \$\$STOP SPECIFIED NAME NOT FOUND OR INACTIVE	The list, line, or remote name specified was not running at the time the command was entered.	You cannot \$\$STOP what is not running, except by issuing \$\$STOP LINE=xxx,R. That command removes a BSC line from service.
CMB182I – \$\$STOP COMMAND ACCEPTED	A \$\$STOP command was correctly entered and will be processed.	None required. \$\$STOP processing will complete once the active sessions end.
CMB183I – \$\$STOP LINE=xxx,R NOT ALLOWED IF PART OF AN ACTIVE AUTO CONNECT LIST	You cannot remove a line from service if an active Auto Connect is using it.	Issue \$\$STOP L=A/C listname,l to stop the Auto Connect, then issue the \$\$STOP LINE=xxx,R command.
CMB184I – BIND/ODF COMPRESSION CONFLICT; NO COMPRESSION USED FOR LU=xxxxxxxx	Either the bind image received or the remote definition in the ODF indicates that data compression is supported, while the other implies that compression is not supported.	No compression will be used for this remote during this session. Change the ODF or VTAM Mode Table to eliminate this conflict.
CMB185I – \$\$CHG COMMAND LISTNAME NOT FOUND	The listname was spelled wrong or the list was not BSC.	Correct the name and reissue the command.
CMB186I – \$\$CHG COMMAND - REMOTE MUST BE BSC AND SWITCHED	The listname was not BSC or it was a leased line.	None, \$\$CHG not valid for leased lines or for SNA.
CMB187I – \$\$CHG COMMAND INVALID SYNTAX	One or more of the parameters was invalid or spelled wrong.	Correct the parameters and reissue the command.
CMB188I – \$\$CHG COMMAND - REMOTE NAME AND/OR REL RMT NUMBER NOT FOUND	The remote name specified or the relative remote number specified cannot be found.	Correct the command and reissue it.
CMB189I – \$\$CHG COMMAND COMPLETE, OLD NUMBER WAS - xxx-xxxx	The phone number was successfully changed and the old phone number is given.	None required.
CMB190I - \$\$CHG COMMAND INVALID - CANNOT SWITCH BETWEEN A SADL AND A NON-SADL PHONE NUMBER	When changing telephone numbers you cannot switch between the normal format and the SADL modem format.	Verify that your ODF *REMOTES NAME= parameters are immediately followed by a valid TYPE= parameter. If not, you will get ODF error message CMB199E when Sterling Connect:Enterprise is started after applying this fix. Several ODF *REMOTES edits have changed. You may need to correct ODF errors after this fix has been applied.

Message	Description	Action
CMB191I – \$\$CHG COMMAND MUST SPECIFY LISTNAME AND PHONE NUMBER	The minimum information needed for a \$\$CHG command is listname (L=) and phone number (PH=).	Supply the needed information and reissue the command.
CMB192I – INVALID OR DUPLICATE PARAMETER xxxxxxxx	The \$\$CONNECT command entered on the system console was invalid. The invalid parameter is displayed in the message.	Check for keying errors and reenter the request.
CMB193I – INVALID VALUE SPECIFIED FOR xxxxxxxx	The value specified for the parameter listed in the message is invalid.	Check for keying errors and reenter the request.
CMB194I – \$\$CONNECT INVALID.ID IS REQUIRED	The \$\$CONNECT command was entered without the ID=xxxxxxx parameter. The ID parameter is required in combination with other specified parameters.	Reenter the \$\$CONNECT command with the ID parameter.
CMB195I – PARAMETER SPECIFIED INVALID FOR REMOTE TYPE	SNA parameter specified for a BSC remote or BSC parameter specified for an SNA remote site.	Reenter the \$\$CONNECT command with valid parameters for the remote site.
CMB196I – BLOCK, CMP AND/OR TRUNC SPECIFIED WITH TRANSPAR	When TRANSPAR is used in the \$\$CONNECT command, BLOCK, CMP, and TRUNC cannot be used.	Reenter the \$\$CONNECT command with valid parameters.
CMB197I – ONEBATCH=YES INVALID UNLESS BATCHID ALSO SPECIFIED	The \$\$CONNECT command is invalid because the ONEBATCH parameter was entered without the BATCHID parameter.	Correct the command and retry.
CMB199E - TYPE= PARAMETER MUST FOLLOW *REMOTE NAME=xxxxxxx IN STATMENT nnnn	The ODF *REMOTES section has remote xxxxxxxx defined with NAME=xxxxxxx but the next ODF record is not a valid TYPE= parameter. *REMOTES NAME= parameter must be followed by valid TYPE= parameter.	Modify specified remote in the *REMOTES section to supply a valid TYPE= parameter directly after the NAME= parameter and restart Sterling Connect:Enterprise.
CMB202E – CE /APPC BT FUNCTION ERROR. SEE SNAP DATA	An internal error has occurred.	Collect the console messages, snaps and dumps. Contact IBM Customer Support.
CMB203W – CE /APPC NOT INITIALIZED, WAKE-UP TRANSACTION FOR BATCH xxxxxxxx xxxxxxxx DISCARDED	The End Of Batch exit has set a return code of C'W' to invoke the Wake Up Transaction Process. Sterling Connect:Enterprise/APPC is not active and therefore cannot forward the transaction.	Determine the reason that Sterling Connect:Enterprise/APPC is not active, correct the error and start the Sterling Connect:Enterprise/APPC system.
CMB204E – CE /APPC BT FUNCTION ERROR. SEE SNAP DATA	A Sterling Connect:Enterprise internal error has occurred.	Collect the snap data and contact IBM Customer Support.
CMB206I – AUTO CONNECT FAILED FOR LISTNAME xxxxxxxx - yyyyyyyyyyyyyyyyyyy	An Auto Connect for LISTNAME xxxxxxxx has been activated and failed for the reason listed. Because of a *CONNECT ACQUEUE option setting, the Auto Connect could not be queued.	Determine the reason for failure and correct. Then reactivate the Auto Connect manually.



Message	Description	Action
CMB207I – AUTO CONNECT QUEUED FOR LISTNAME xxxxxxxx - yyyyyyyyyyyyyyyyyyy	An Auto Connect for LISTNAME xxxxxxxx has been activated and failed for the reason listed. Because of the *CONNECT ACQUEUE option setting, the Auto Connect has been queued. It will be reactivated when Sterling Connect:Enterprise has determined that the Auto Connect will be able to start.	Review the reason for failure and correct if needed. The Auto Connect will reactivate automatically.
CMB208I – QUEUED AUTO CONNECT SUCCESSFULLY REACTIVATED FOR LISTNAME xxxxxxxx	A queued Auto Connect has been successfully reactivated.	None required.
CMB209I – STATUS OF QUEUED AUTO CONNECTS:	This is the first line of console output from a \$\$LIST ACQUEUE request.	None required.
CMB210I – LISTNAME PRIORITY DATE TIME REASON ENTRY #	This is the column header line of console output from a \$\$LIST ACQUEUE request.	None required.
CMB211I – xxxxxxxx nnnnnnnnnn yyddd hhmm xxxxxxxx nnnnnnnnnn	This is the detailed Auto Connect queue information. This includes LISTNAME, queue priority, date and time of queue, reason for queuing, and the queue entry number.	None required.
CMB212I – NO Connect:Enterprise AUTO CONNECTS QUEUED	This message is displayed when the \$\$LIST ACQUEUE console command is entered and no Auto Connect queue entries exist.	None required.
CMB213I – INVALID ENTRY # VALUE	The \$\$DELACQ console command was issued and the entry number specified is invalid or no entry exists in the queue with this entry number.	Issue the \$\$LIST ACQUEUE console command to obtain the correct entry number to be used by the \$\$DELACQ command.
CMB214I – NOT ALL QUEUED ENTRIES DELETED - LOCKED	The \$\$DELACQ console command was issued to delete one or all Auto Connect queue entries. One or more entries could not be deleted because Sterling Connect:Enterprise was already processing the entry. This could be because the Auto Connect is about to be reactivated, the entry is about to be modified, or the entry is about to be deleted by some other means.	Issue the \$\$LIST ACQUEUE console command to see what Auto Connects still remain on the queue. Then reissue the \$\$DELACQ command if the entry you want deleted is still on the queue.
CMB215I – \$\$DELACQ COMMAND PROCESSED	The \$\$DELACQ console command has been successfully processed.	None required.

Message	Description	Action
CMB216I – VSAM ERRORS PREVENT ENTRY FROM BEING DELETED	The \$\$DELACQ console command was issued to delete one or all Auto Connect queue entries. One or more entries could not be deleted because a VSAM error occurred for the VSAM log file.	Review the SNAP data to determine the reason for the VSAM error. Once the problem is corrected, you can reissue the \$\$DELACQ command.
CMB217W – CONNECT:Direct I/F (xxxxxxx) NOT FOUND. FUNCTION INOPERATIVE	An error occurred while trying to load the IBM® Sterling Connect:Direct® for z/OS® interface module xxxxxxx. The load module was not found in any of the concatenated load libraries.	Concatenate the proper load library in your JCL and restart Sterling Connect:Enterprise.
CMB218E – ABEND IN CONNECT:Direct (xxxx) PROCESSING	Sterling Sterling Connect:Enterprise detected a system abend that occurred when the Sterling Connect:Direct interface was in control during xxxx processing (INITIALIZATION, TERMINATION, or ROUTING).	Collect console messages, snaps and dumps. Contact IBM Customer Support.
CMB219I – CURRENT COLLECTION FILES ARE VBQxx AND VLFx	This message displays the current collection VBQ file and the current log file.	None. This message is displayed at system start up.
CMB220E – ERROR LOADING xxxxxxx, R15=nnnn	An attempt was made to load a program which was not found in your execution libraries. (This is a VSE only message.)	Ensure the program is contained in your execution libraries and restart Sterling Connect:Enterprise.
CMB221W – \$TURNLINE\$ NOT VALID FOR MODE=SO - SENT AS DATA	\$TURNLINE\$ can only be used with MODE=SR when initiated from the host. The \$TURNLINE\$ card is ignored and sent as data.	Change the MODE parameter and restart the session.
CMB222W – C:E /RULES NOT INITIALIZED, EOB APPLICATION AGENT FOR BATCH xxxxxxx DISCARDED	An End Of Batch application agent request could not be processed because the Rules Processor task is not available.	Ensure the application agent is active and resubmit your request.
CMB223I – \$\$INVOKE COMMAND INVALID OR DUPLICATE PARAMETER xxxxxxx	The \$\$INVOKE command could not be processed. One or more parameters have been specified incorrectly.	Ensure the syntax is correct and resubmit your request.
CMB224I – END OF BATCH APPLICATION AGENT INVOKED	The \$\$INVOKE request was successfully queued for the End Of Batch application agent to process.	None required.
CMB225I – \$\$INVOKE INVALID. BATCH NUMBER OR BATCH RANGE IS MISSING OR INVALID	The \$\$INVOKE command could not be processed. One or more parameters have been specified incorrectly.	Ensure the syntax is correct and resubmit your request.
CMB226I – \$\$INVOKE INVALID. RULES PARAMETER NOT SPECIFIED	The \$\$INVOKE command could not be processed. One or more parameters have been specified incorrectly.	Ensure the syntax is correct and resubmit your request.

Message	Description	Action
CMB227I – (xxxxxxx) LINE STOPPED - AVAILABLE	A BSC line has been stopped using \$\$STOP, but it has not been closed. It is available for use.	None required.
CMB228E – COMPRESS=NO NOT VALID WITH SC=YES	SC=YES always defaults to COMPRESS=YES. COMPRESS=NO cannot be used with SC=YES.	Either remove SC=YES or change to COMPRESS=YES.
CMB229W – REQSESS FAILED- REMOTE ACB BUSY USING FMH=IE	An Auto Connect failed trying to use an ACB that is already in use.	Wait for current Auto Connect to complete and resubmit.
CMB230E – INIT CLIENT FAILED FOR PARM=xxxx RC=xxxx. THE VSAM I/O SERVER MUST BE ACTIVE	An attempt to start Sterling Connect:Enterprise was made and the VSAM File Server is not active. The value displayed as PARM= is the name of the VSAM File Server you are attempting to use.	Ensure that the VSAM File Server has been started and that the PARM value of the EXEC card in your Sterling Connect:Enterprise JCL specifies the correct VSAM File Server name.
CMB231W – \$\$INVOKE RULES=SCH INVALID WITHOUT EITHER SELECT OR RULENAME PARAMETER	A \$\$INVOKE RULES=SCH command was issued without either a SELECT=nnnnnnn or RULENAME=ccccccc parameter, where nnnnnnn is the number of a SELECT statement in the SCH rule and ccccccc is the name of a RULE statement in the rule. You must supply one of them to complete the command.	Reenter the command with one of the required parameters.
CMB232I – END OF \$\$LIST FILES or END OF \$\$LIST FILES,PD or END OF \$\$LIST FILES,PD (NO FILES PENDING DEALLOCATION) or END OF \$\$SPACE ALL	This message is displayed to delineate the end of a \$\$LIST FILES[,PD] display and a \$\$SPACE ALL display.	None required.

Message	Description	Action
CMB233I – VBQxx IS NOW ALLOCATED [AND NOW CURRENT COLLECTION FILE] (PREV CC VBQ = VBQxx} or VBQxx WAS ALREADY ALLOCATED [AND NOW CURRENT COLLECTION FILE] (PREV CC VBQ = VBQxx} or VBQxx WAS ALREADY ALLOCATED [AND WAS CURRENT COLLECTION FILE] or VLFxx WAS ALREADY ALLOCATED [AND NOW CURRENT LOG FILE] (PREV CC VLF = VLFx} or VLFxx WAS ALREADY ALLOCATED [AND WAS CURRENT LOG FILE] (PREV CC VLF = VLFx} or VLFxx IS NOW ALLOCATED [AND NOW CURRENT LOG FILE]	This message is displayed in response to the \$\$ALLOC command.	None required.
CMB234I – xxxxx AL DATA.SET.NAME or xxxxx AL,CC DATA.SET.NAME or xxxxx AL,PD DATA.SET.NAME or xxxxx STL=D DATA.SET.NAME	This message is displayed in response to the \$\$LIST FILES command. All defined files and their current allocation and collection status are displayed.  The parameters in the message are: xxxxx = The file ID (i.e., VPF, VCF, VBQnn, VLFn) AL = Allocated, not current collection AL,CC = Allocated, current collection AL,PD = Allocated, pending deallocation due to an outstanding queued \$\$DALLOC request blank = Deallocated, STOUTL access allowed STL=D = Deallocated, STOUTL access denied	None required.
CMB235I – VBQxx %USED=nnn HI-ALLOC-RBA=nnnnnnnnnnnnnnnn HI-USED-RBA=nnnnnnnnnnnnnnnn EXTENTS=nnn(+)	This message is displayed in response to the \$\$SPACE command. All information describing the space usage is displayed. A plus sign (+) immediately following the EXTENTS value indicates VSAM has allocated one or more additional extents since the server last opened this file.	None required.

Message	Description	Action
<p>CMB236E – xxxxx BTVSMxxx FAILED RC=nnn REASON rrrrrrrr ERROR eeeeeeee</p> <ul style="list-style-type: none"> <li>◆ where xxxxx = the 5-byte VSAM file name (VPF, VCF, VBQnn, VLFn)</li> <li>◆ where BTVSMxxx = the VSAM function called</li> <li>◆ where RC=nnn ( the VSAM function return code value found in <i>Chapter 13, Internal Sterling Connect:Enterprise Services Return Code Values</i>)</li> <li>◆ where rrrrrrrr = the VSAM function reason code value for BTVSMOPN/BTVSMCL. This value represents one of the following: <ul style="list-style-type: none"> <li>◆Return Code set from BTDYNAAL DYNALLOC file allocation processing</li> <li>◆Return Code set from BTVSMOSX VSAM File User Security Exit Rejection</li> <li>◆Return Code set from BTVSMAOP LOCATE MACRO for VSAM DSNAME</li> <li>◆Return Code set from BTVSMAOP RACROUTE REQUEST=AUTH for VSAM DSNAME</li> <li>◆Return Code set from BTVSMAOP VSAM OPEN Macro Processing</li> </ul> </li> </ul> <p>For all other BTVSMxxx calls, this is the RPL FEEDBACK status returned from the VSAM Macro Call performed.</p>	<p>Refer to the appropriate IBM documentation to interpret any of the DYNALLOC, LOCATE, RACROUTE, or VSAM MACRO function call return codes. Also review the Sterling Connect:Enterprise VSAM Server and Main Task JOBLOG messages and the Main Task SNAPOUT data set for additional qualification of the specific service represented in the rrrrrrrr status information.</p> <ul style="list-style-type: none"> <li>◆ where eeeeeeee= the VSAM function error code value for BTVSMOPN/BTVSMCL. This value represents one of the following: <ul style="list-style-type: none"> <li>◆ Information Code set from BTDYNAAL DYNALLOC file allocation</li> <li>◆ Reason Code set from BTVSMOSX VSAM File User Security Exit Rejection</li> <li>◆ Reason Code set from BTVSMAOP LOCATE MACRO for VSAM DSNAME</li> <li>◆ Reason Code set from BTVSMAOP RACROUTE REQUEST=AUTH for VSAM DSNAME</li> <li>◆ Reason Code set from BTVSMAOP VSAM OPEN Macro Processing</li> </ul> </li> </ul> <p>For all other BTVSMxxx calls, eeeeeeee is 00000000 as the RPL FEEDBACK data qualifies the error sufficiently to diagnose the reason for the CMB236E message.</p>	<p>Refer to the appropriate IBM documentation to interpret any of the DYNALLOC, LOCATE, RACROUTE, or VSAM MACRO function call Reason Codes.</p> <p>Also review the Sterling Connect:Enterprise VSAM Server and Main Task JOBLOG messages and the Main Task SNAPOUT data set for additional qualification of the specific service represented in the eeeeeeee status information.</p>
<p>CMB237I – VBQxx DEALLOCATED or VBQxx DEALLOCATED (STOUTL=DISALLOW) or VBQxx NOT DEALLOCATED, CURRENT COLLECTION FILE</p>	<p>This message is displayed in response to a \$\$DALLOC command. If the file is not the current collection, the file is deallocated. If the file being deallocated is the current collection file, the deallocation is not allowed.</p>	<p>If the file is the current collection file, force another file to be the current collection file with a \$\$ALLOC command and retry the \$\$DALLOC command.</p>

Message	Description	Action
CMB238I – VBQxx NOT DEALLOCATED, ACTIVE FILE I/O FOR xxxxxxxx or VLFxx NOT DEALLOCATED, ACTIVE LOGGING FOR xxxxxxxx	This message is displayed in response to the \$\$DALLOC command. When a file is in use it can not be deallocated.  The parameter in this message, xxxxxxxx, is a BSC Line ID or SNA Remote Name.	Once a data collection has completed and logging is complete you can deallocate the file.
CMB239E – I/O FAILED FOR VPF/VCF CONTROL RECORD, SYSTEM TERMINATING	A sever I/O error has occurred on the VPF or VCF. Sterling Connect:Enterprise is terminating.	Collect all messages, snapout data, and any abend. If you cannot determine the cause of the error contact IBM Customer Support.
CMB240I – VBQxx IS NOT ALLOCATED/DEFINED TO THE SYSTEM	This message is displayed in response to the \$\$ALLOC command. The VBQ file has not been defined and initialized by the purge utility.	Use the PURGE INIT=DATA utility to define the VBQ and the \$\$REFRESH FILES console command to define it to Sterling Connect:Enterprise. Retry \$\$ALLOC.
CMB241E – THE VLF/VBQ COLLECTION FILE FAILED TO OPEN, SYSTEM TERMINATING	The VLF or VBQ could not be opened. Sterling Connect:Enterprise is terminating.	Collect all messages, snapout data, and any abend. If you cannot determine the cause of the error contact IBM Customer Support.
CMB242E – NEW PASSWORD REQUEST HAS BEEN IGNORED	A logon request from a remote has failed. The new password parameter that was supplied by the remote was ignored.	Correct the reason for the logon failure. Have the remote attempt the logon again with the new password parameter.
CMB243I – COLLECTION FILE HAS BEEN SWITCHED FROM VBQxx TO VBQyy or LOGGING FILE HAS BEEN SWITCHED FROM VLFxx TO VLFyy	The current collection VBQ file has automatically rotated due to the VBQPCT threshold being reached or the current collection VBQ or VLF file has been manually rotated due to an operator command.	None required.
CMB244I – SECURITY CHECKING IS ACTIVE FOR - REMOTE LOGON - BATCH PROCESSING - LOGON AND BATCH PROCESSING or SECURITY CHECKING IS ACTIVE IN WARN MODE	During Sterling Connect:Enterprise initialization, this message is issued to indicate the level of security that is done. Checking is based on the setting of *OPTIONS ODF parameter(s): MBXSECURE=, APISECURE=, BSCSECURE=, CSCSECURE=, FTPSECURE=, ICOSECURE=, SNASECURE=, and UIFSECURE. The XXX value in the message is replaced with the beginning three characters of each XXXSECURE parameter, specified in the ODF (eg. FTP, SNA, UIF, etc.).	None required.

Message	Description	Action
CMB245I – VBQxx NOT DEFINED TO THE SYSTEM	This message is displayed in response to the \$\$DALLOC command. The VBQ file has not been defined and initialized by the purge utility.	None required.
CMB246I – CURRENT COLLECTION ROTATE NEEDED, NO SUITABLE VBQ FOUND (CC VBQ = VBQxx) or CURRENT LOG FILE ROTATE NEEDED, NO ELIGIBLE VLF FOUND (CC VLF = VLFx) or CURRENT COLLECTION VBQ ROTATED FROM VBQxx TO VBQyy or CURRENT LOG FILE ROTATED FROM VLFxx TO VLFyy	When the current collection/log file is rotated to the VBQ/VLF this message is displayed. If there is not an eligible VBQ/VLF to rotate to the warning message appears.	None unless the rotate did not occur and the warning message was displayed. If a rotate did not occur, collections/logging will continue on the current collection/log file until a VBQ/VLF is defined and initialized which can then become the next collection/log file.
CMB247W – WARNING: RUN ERASE ASAP, BATCH NUMBERS USED xxx PERCENT	This message appears when the available batch numbers are beginning to be depleted.	Run erase to delete any unwanted batches and this will free batch numbers for reuse.
CMB248I – INVALID \$\$REFRESH COMMAND SYNTAX	The syntax of the \$\$REFRESH command is erroneous.	Correct the \$\$REFRESH command and reenter.
CMB249I – FILES REFRESHED	This message appears when the batch files have been successfully refreshed with the \$\$REFRESH FILES command.	None required.
CMB250E – VPF=IS A REQUIRED *OPTIONS PARAMETER	This parameter is required.	Add this parameter to the *Options section of the ODF ADD. Restart Sterling Connect:Enterprise.

Message	Description	Action
<p>CMB251E – LOGON SECURITY CHECK FAILED – RMT=xxxxxxx, RC=xxxx, RSN=xxxx</p> <p>or</p> <p>LOGON SECURITY CHECK FAILED – RMT=xxxxxxx, LINE=xxxxxxx, RC=xxxx, RSN=xxxx</p> <p>or</p> <p>APPC LOGON SECURITY CHECK FAILED – USER=xxxxxxx, RC=xxxx, RSN=xxxx</p> <p>or</p> <p>SECURITY CHECK FAILED – RMT=xxxxxxx, FUNC=xxxxxxx, ID=xxxxxxx, RC=xxxx, RSN=xxxx</p> <p>or</p> <p>SECURITY CHECK FAILED – RMT=xxxxxxx, LINE=xxxxxxx, FUNC=xxxxxxx, ID=xxxxxxx, RC=xxxx, RSN=xxxx</p> <p>or</p> <p>APPC SECURITY CHECK FAILED – USER=xxxxxxx, FUNCTION=xxxxxxx, RC=xxxx, RSN=xxxx</p>	<p>The security interface has detected an error during logon security checking or batch/function security checking. For logon security checking, the remote name (or user ID for CICS/ISPF Interface users) is specified as well as the line used for BSC remotes. For batch/function checking, the remote name (or user ID for CICS/ISPF Interface users) is specified as well as the line used for BSC remotes. Also included is the function being attempted and the Mailbox ID specified (can be blank if not specified).</p> <p>The RC and RSN values are those returned by your security package in the SAFPRRET and SAFPRREA fields in the ICHSAFP control block.</p>	<p>Review the documentation for your security package for an interpretation of the SAF return code and reason code. This information will indicate if the security request failed because the remote (user) does not have access or if some other internal error has occurred. Additional error messages might be issued by your security package and might be helpful in determining the reason for the failure, as will the various reports and debugging aids included in your security package.</p> <p>If the reason for the error is determined to be an incorrect security rule, make the appropriate rule changes within your security package before the remote (user) attempts the logon or function again. It might be necessary to refresh your security rules before changes take affect.</p> <p>If the reason for the error is due to a valid security error, that is, the user should not attempt to use the specified function on the specified batch within the specific Sterling Connect:Enterprise system, inform the user to refrain from making such requests.</p>
<p>CMB252E – Connect:Enterprise MUST BE APF AUTHORIZED FOR MBXSECURE PROCESSING</p>	<p>MBXSECURE has been specified in the *OPTIONS section of the ODF. This requires that a valid APF authorized environment exist, but one was not found.</p>	<p>Verify that all Sterling Connect:Enterprise load modules are linked properly. Several must be linked with the SETCODE AC(1) parameter. Also verify that the load library that the Sterling Connect:Enterprise system is executing from is APF authorized. If a JOBLIB or STEPLIB is being used, all libraries specified must be APF authorized.</p>



Message	Description	Action
CMB253E – Connect:Enterprise ABENDING	The Sterling Connect:Enterprise system is abnormally terminating. The reason for the abend is displayed in the preceding console message. A dump is written to the dump data set. The Sterling Connect:Enterprise job will end with a USER=253 completion code.	Refer to the description of the preceding console message for additional information. If that does not explain the problem, contact IBM Customer Support.
CMB254E – INTERNAL ERROR (xxx)	An internal processing error has occurred. The number identifies the type of error, which is generally a programming error.	Contact IBM Customer Support.
CMB255I – SCHEDULER APPLICATION AGENT INVOKED	The \$\$INVOKE request has been successfully queued for the Scheduler Application Agent to process.	None required.
CMB258I – CONSOLE APPLICATION AGENT INVOKED	The \$\$INVOKE request has been successfully queued for the Console Application Agent to process.	None required.
CMB259E - INVALID VLF RECORD KEY DETECTED - SNAPOUT DUMP CAPTURED.	A request to read or write a VLFn log record failed due to an invalid record key.	Contact IBM Customer Support with available messages and SNAPOUT data.
CMB260I – REFRESH RULES REJECTED. REFRESH xxx ALREADY IN PROGRESS	A request to refresh one or all application agent rules failed. A refresh is already in progress for the application agent listed in the message.	Wait until the current refresh is complete before retrying your request.
CMB261I – REFRESH RULES REJECTED. INVALID RULES TYPE (xxx) SPECIFIED	A request to refresh one or all application agent rules failed. One or more parameters were specified incorrectly in the application agent listed in the message.	Correct the syntax error and retry your request.
CMB262I – REFRESH RULES=xxx PROCESSING STARTED	A request to refresh one or all application agent rules was accepted and started. You will be notified when the refresh is complete.	None required.
CMB263I – REFRESH RULES HAS BUILT NEW xxxxx RULES TABLES	Refresh processing for one or all application agent rules successfully created a set of new rules tables. You will be notified when the use of these tables is implemented.	None required.

Message	Description	Action
CMB264I – NEW RULES ACTIVATION IS WAITING FOR nnnn ACTIVE TRANSACTIONS TO COMPLETE	Refresh processing is waiting for active transactions to finish before switching to the new rules. These transactions were queued prior to the refresh request. You will be notified when the new rules are implemented.	None required.
CMB265I – REFRESH RULES=xxx COMPLETE	Refresh processing is complete for the listed application agent.	None required.
CMB266I – REFRESH RULES REJECTED. xxx RULES NOT DEFINED TO Connect:Enterprise	Refresh processing has failed. The listed rules were not started when Sterling Connect:Enterprise was initialized.	You must restart Sterling Connect:Enterprise to begin using the specified application agent.
CMB267I – REFRESH RULES NOT PROCESSED, xx TASK NOT ACTIVE	Refresh processing has failed. Resources are not available to complete processing.	You must restart Sterling Connect:Enterprise to clear this problem and begin using the application agent.
CMB268I – REFRESH RULES NOT PROCESSED, LOAD MODULE FOR REFRESH NOT FOUND	Refresh processing has failed. The load module (STINITRL) was not found in the load library.	Make sure the load module resides in the load library and is properly linked.
CMB269I – C:E /RULES USER TRACE IS AVAILABLE FOR ANY RULES TRACE OPTION	The application agent rules processing trace file was successfully allocated and is available for rules tracing. This is the file in the Sterling Connect:Enterprise //RULTRACE DD JCL statement.	None required.
CMB270W – C:E /RULES TASK ABENDED. LU6.2 LINK IS NOW UNAVAILABLE	An ABEND occurred that disabled all communications between Sterling Connect:Enterprise and CICS/ISPF Interfaces.	Issue the \$\$START APPC command to enable the APPC communications.
CMB271W – C:E /RULES ABEND IN xx TASK. nn OF nn xx TASKS NOW UNAVAILABLE FOR PROCESSING	An ABEND occurred that disabled one of the APPC tasks. When no enabled tasks remain, no further communications will be possible between Sterling Connect:Enterprise and CICS/ISPF Interfaces.	Restart Sterling Connect:Enterprise to clear this error.
CMB272E – INVALID FUNCTION CODE PASSED TO FMH EXCHANGE PROGRAM	The FMH exchange program, STPB32, found an invalid function code in the parameter list. No attempt is made to recover from this error condition.	Collect the snap data and console messages. Contact IBM Customer Support.
CMB273E – INVALID FMH9 FORMAT NUMBER PASSED TO FMH EXCHANGE PROGRAM	The FMH exchange program, STPB32, found an invalid FMH9 format number in the parameter list. No attempt is made to recover from this error condition.	Collect the snap data and console messages. Contact IBM Customer Support.

Message	Description	Action
CMB274 – CURR HOLD Q CNT: nnnn; MAX: nnnn; MAXCP: nnnn; TOTAL: nnnnnn	This message follows the CMB301W message (which indicates MAXCP congestion) and gives session statistics.  The parameters in this message are: CURR HOLD Q CNT: nnnn = The current number of transactions in the Hold Queue waiting to be processed. MAX: nnnn = The highest number of concurrent processor that occurred at any time since Sterling Connect:Enterprise was last started. MAXCP: nnnn = The maximum number of concurrent processor tasks as defined in the ODF. TOTAL: nnnnnn = The total number of transactions added to the Hold Queue since Sterling Connect:Enterprise was last started.	MAXCP congestion is usually a temporary condition and is later relieved (see CMB300I). The MAXCP number in the ODF can be increased to allow more concurrent transactions to be processed.
CMB275I – C:E /APPC APING RECORD RECVD FROM LU: xxxxxxxx	The Sterling Connect:Enterprise API received an APING from the logical unit listed in the message. IBM APING is an IP PING equivalent sent through the LU6.2 APPC.	None required.
CMB276E – ACLIST=xxxxxxx RMT=xxxxxxx ACB=xxxxxxx	An I/O request was issued but was immediately rejected by VTAM. The auto connect listname, remote name, and ACB name are displayed in the message. Sterling Connect:Enterprise is unable to communicate on the session, and the session is terminated. However, Sterling Connect:Enterprise remains active to support other sessions. This message immediately follows a CMB036E message, which supplies the VTAM return code and feedback code.	This is usually a severe error. Print the Sterling Connect:Enterprise Snapshot data set. Contact IBM Customer Support.
CMB277I – ODF VERIFICATION STARTED	The ODF verification function has started.	None required.
CMB278I – ODF VERIFICATION COMPLETE, xxxxxx ERRORS FOUND IN ODF PARAMETERS	The ODF verification function has completed. The number of errors listed in the message were found.	None required.
CMB279I – EXECUTION TERMINATED DUE TO ODF ERRORS	Sterling Connect:Enterprise initialization is terminated due to errors found in the ODF data set. Detailed error messages are written to SYSPRINT.	Review SYSPRINT for the errors. Correct and restart Sterling Connect:Enterprise.

Message	Description	Action
CMB280E – *POOLS “NAME=” STATEMENT MISSING OR INVALID	The NAME statement in the *POOL record that defines the pool name is either missing or contains invalid data.	Correct the syntax and rerun.
CMB280I – INSUFFICIENT REGION SIZE TO SUPPORT EXTENDED DIAGNOSTICS, BASIC DIAGNOSTICS USED INSTEAD.	The ODF verify function cannot be used because storage for the 2000 entry error table cannot be obtained. The first ODF error found terminates Sterling Connect:Enterprise initialization.	Increase the Sterling Connect:Enterprise region size for extended ODF checking.
CMB282I – EXCESSIVE ODF ERRORS, ONLY THE FIRST 2000 ERRORS WILL BE WRITTEN TO SYSPRINT	The ODF error listing on SYSPRINT is terminated after displaying the first 2000 errors. Detailed error messages are written to SYSPRINT.	Review SYSPRINT to determine why the ODF is generating so many errors. Correct and restart Sterling Connect:Enterprise.
CMB283E – LISTNAME (xxxxxxx) INVALID, TYPE=xxxxx CANNOT BE SPECIFIED WHEN xxxx=NO...	The indicated LISTNAME record is invalid because the TYPE parameter requires a communications method (BTAM/VTAM) that is not included in the system.	Add the required communications method.
CMB284E – DUPLICATE xxxxxxxx STMT FOUND, ODF VALIDATION WILL BE ABORTED.	The indicated section record is invalid because that section has been previously processed. A section and its associated records can only occur once in the input.	Correct the ODF input.
CMB285I – ESTAEX DISABLED DUE TO ESTAE=NO.	The main task ESTAEX exit was cancelled because ESTAE=NO was specified in the PARM data.	None. Subtask abends will terminate Sterling Connect:Enterprise.
CMB286I – ESTAEX DUMPS DISABLED DUE TO DUMP=NO.	No ESTAEX dumps will be provided because DUMPS=NO was specified in the PARM data.	None required.
CMB287E – “LINES=” NOT VALID FOR SNA LISTNAMES.	The LINES parameter cannot be specified when TYPE=LU1RJE (SNA) is specified.	Correct the LISTNAME record.
CMB288E – \$\$STOP FORCE COMMAND IGNORED - LINES MUST BE DEFINED USING M\$LINEX	The \$\$STOP FORCE command does not work on BSC lines defined with the M\$LINE macro. It will only work on BSC lines defined with the M\$LINEX macro.	If you want to use the \$\$STOP FORCE command, you must first define the line with the M\$LINEX macro.  Refer to the <i>IBM Sterling Connect:Enterprise for z/OS Installation Guide</i> for more information about the M\$LINEX macro.

Message	Description	Action
CMB289I - xxxx STMAIN STORAGE POOL ALLOCATED/USED PAGES NNNNN/NNNN	This message displays the number of 4K pages allocated in STMAINs APPC storage pool and the maximum number of pages used during execution.	None. Message is displayed to assist sites to tune these internal product storage pools where the allocation size is tunable as follows: APPC Storage Pool - ODF *OPTIONS PARAMETER APPCPLSZ
CMB292I - VLFn NOT DEALLOCATED, ACTIVE LOGGING FOR QUEUED LISTNAME xxxxxxx	This message is displayed in response to the \$\$DALLOC command. When a file is in use, it cannot be deallocated.	Once a data collection has completed and logging is complete, you can deallocate the file. If you do not want to wait for reactivation of the queued LISTNAME, you may issue the \$\$DELACQ ENTRY=nnn ALL command to remove the outstanding VLFn file requirement.
CMB293I - STATUS OF BACKUP SYSTEM:	This message is displayed in response to the \$\$LIST BACKUP command. Messages CMB294I, CMB295I, CMB296I will follow this message and list the current status of the backup system.	
CMB294I - SUBSYSTEM: ssss VPF: xxx...xxx	Issued in response to \$\$LIST BACKUP command. The current subsystem specified on the Sterling Connect:Enterprise NAME= job parameter and the VPF that is specified by the ODF VPF= parameter are listed.	None. If you wish to back up your Sterling Connect:Enterprise VSAM files, while Sterling Connect:Enterprise is still active, first run program STUTABKS with parameter NAME=ssss,VPF=xxx...xxx specified to lock out execution of STOUTL MOVE/ERASE jobs. See <i>IBM Sterling Connect:Enterprise for z/OS Administration Guide</i> for more information concerning Sterling Connect:Enterprise backups.
CMB295I - NBR OF ACTIVE STOUTL MOVE/ERASE: nnnnn	Issued in response to \$\$LIST BACKUP command. nnnnn reports the number of running STOUTL MOVE/ERASE jobs as recorded in the BST.	None required.

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Message	Description	Action
CMB296I - STATE OF STOUTL MOVE/ERASE: aaa...aaa	Issued in response to \$\$LIST BACKUP command. aaa...aaa will be either LOCKED, UNLOCKED or ATTEMPTING LOCK. If ATTEMPTING LOCK, program STUTABKS is currently running and waiting on all active STOUTL MOVE/ERASE jobs to end so that it can lock out STOUTL MOVE/ERASE function. If LOCKED, CMB295I should report 0 active STOUTL MOVE/ERASE jobs and no new STOUTL MOVE/ERASE jobs can be started until program STUTABKE is run. If it is UNLOCKED, STOUTL MOVE/ERASE jobs can be run.	None required. If reported as ATTEMPTING LOCK, CMB295I message should report the number of STOUTL MOVE/ERASE jobs currently running. It will remain ATTEMPTING LOCK until the number of STOUTL MOVE/ERASE jobs is 0. If reporting LOCKED and no backup processing is active and you wish to allow STOUTL MOVE/ERASE jobs to run, run STUTABKE to unlock STOUTL.

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Message	Description	Action
<p>CMB297I - MAXCP HIGH CURR TOT #TIMES HIGH CURR TOT ITEMS (line 1)</p> <p>MAXRP BUSY BUSY MAX BUSY HOLDQ HOLDQ ON HOLDQ (line 2)</p> <p>----- (line 3)</p> <p>CP=nn nn nn nnnnnnnn nnnnn nnnnn nnnnnnnn (line 4)</p> <p>RP=nn nn nn nnnnnnnn nnnnn nnn (line 5)</p>	<p>This message lists Command Processor (CP) and Rules Processor (RP) task utilization statistics.</p> <p>MAXCP MAXRP = The MAXCP=nn MAXRP=nn value specified in the ODF (Options Definition File).</p> <p>HIGH BUSY = The highest number of CP/RP tasks that were busy at any one time, since Sterling Connect:Enterprise was last started.</p> <p>CURR BUSY = The current number of busy CP/RP tasks.</p> <p>TOT #TIMES MAX BUSY = The total number of times MAXCP RP=nn was reached, since Sterling Connect:Enterprise was last started.</p> <p>HIGH HOLDQ = The highest number of entries on the CP/RP HOLD-Q at any one time, since Sterling Connect:Enterprise was last started. When a request cannot be routed to a CP/RP task, due to all tasks busy, the request is temporarily placed on the corresponding HOLD-Q. When a CP/RP task completes processing its current unit of work, the next entry is removed from the HOLD-Q and routed to the CP/RP task. Eventually, the HOLD-Q count will reach zero.</p> <p>CURR HOLDQ = The current number of entries on the CP/RP HOLD-Q.</p> <p>TOT ITEMS ON HOLDQ = The total number of entries placed on the CP/RP HOLD-Q, since Sterling Connect:Enterprise was last started.</p> <p><b>Note:</b> This is a multi-line console message with the breaks shown in the Message column.</p>	<p>If necessary, change your automation package to properly identify CMB297I as a multi-line message.</p>

Message	Description	Action
CMB298I - FTP MAX HIGH CURR TOT #TIMES BUSY + (line 1) TASK THREADS BUSY BUSY MAX BUSY REJECT (line 2) ----- (line 3) SERVER nnnn nnnn nnnn nnnnnnnn nnnnnnnn (line 4) CLIENT nnnn nnnn nnnn nnnnnnnn nnnnnnnn (line 5)	<p>This message provides FTP client/server utilization statistics.</p> <p>FTP TASK = Identifies this as FTP SERVER or CLIENT task type.</p> <p>MAX THREADS = The FTP_MAX_SERVER CLIENT_THREADS=nnnn value specified in the ODF.</p> <p>HIGH BUSY = The highest number of FTP server/client tasks that were busy at any one time, since Sterling Connect:Enterprise was last started.</p> <p>CURR BUSY = The current number of busy FTP client/server threads.</p> <p>TOT #TIMES MAX BUSY = The total number of times all FTP client/server tasks were busy, since Sterling Connect:Enterprise was last started.</p> <p>BUSY REJECT = The total number of times a connection was rejected due to all client/server threads being busy. When Sterling Connect:Enterprise is acting as the FTP server, this value represents the total number of rejected connection attempts from the remote FTP client, due to all server threads being busy. When Sterling Connect:Enterprise is acting as the FTP client, this value represents the total number of times the FTP Auto Connect Manager tried to activate a session for a remote, but could not due to all client client threads being busy.</p> <p><b>Note:</b> This is a multi-line console message with the breaks shown in the Message column.</p> <p><b>Note:</b> The plus (+) sign in Line 1 acts as a place holder to cause the operating system to right align the three-digit multi-line continuation number with the continuation character in the preceding CMB297I message.</p>	<p>If necessary, change your automation package to properly identify CMB298I as a multi-line message.</p>



Message	Description	Action
CMB299W - WARN: CHANGED FLAGS xxxx FOUND IN xxx_FILTER FOR REMOTE xxxxxxxx TO xx.	This message is displayed at startup if a DIR_FILTER or LS_FILTER for a FTP_CLIENT remote contains both 8 and 9, both !9 and !8, both !9 and 8 or both !8 and 9. Since filter values 89, !8!9, !89 and !98 have the same meaning as F, !F, !8 and !9 respectively, they are changed to these values at startup to make later processing of these flags easier.	None required.
CMB300I - C:E /APPC MAXCP CONGESTION RELIEVED	This message might appear after the CMB301W message to indicate that all queued transactions were removed from the hold queue for processing. See message CMB301W for details on MAXCP and the use of the hold queue.	None required.
CMB301W - C:E /APPC MAXCP CONGESTION OCCURRED	This warning message indicates that APPC transactions are being placed on a hold queue for later processing. The MAXCP value listed in the ODF limits the number of concurrent transactions. When this message appears, at least three transactions have been queued for later processing.	MAXCP congestion is usually a temporary condition and is later relieved (see CMB300I). The MAXCP number can be increased to allow more concurrent transactions to be processed.
CMB302W - C:E /APPC SRB STACK FULL	An internal transaction table filled and processing continues normally. This might be an indication that Sterling Connect:Enterprise has received a large number of requests in a short time (flooding).	Contact IBM Customer Support.
CMB303E - C:E /APPC ENDING DUE TO xx TASK ABEND [CP/AP]	The listed task abended (CP-Command Processor or AP-APPC Program). The Sterling Connect:Enterprise/APPC portion of Sterling Connect:Enterprise is shutting down.	Correct the problem and restart Sterling Connect:Enterprise/APPC.
CMB304E - C:E /APPC CP (xxxxxxx) ABENDED	The specified Command Processor program abended. An attempt will be made to restart the CP task. The transaction being processed failed. The program was disabled and this function will not be processed until the Sterling Connect:Enterprise/APPC system is recycled.	Correct the problem and recycle Sterling Connect:Enterprise/APPC with the \$\$STOP APPC and \$\$START APPC commands as soon as possible. If the program is not a user exit, collect the snap dump (BTSNAP) and contact IBM Customer Support.

Message	Description	Action
CMB305I – C:E /APPC START SHUTDOWN xxxxxxxx - [QUIESCE/IMMEDIATE]	Sterling Connect:Enterprise/APPC entered shutdown mode. For Quiesce, Sterling Connect:Enterprise/APPC terminates as soon as all conversations complete. Sterling Connect:Enterprise/APPC allows only existing conversations and LIST/SHUTDOWN transactions to continue. For IMMEDIATE, Sterling Connect:Enterprise/APPC terminates immediately regardless of ongoing conversations such as ADD and REQUEST.	None required.
CMB306E – C:E /APPC RECEIVED INVALID STIPS FROM Connect:Enterprise; SEE SNAP DATA	An Sterling Connect:Enterprise internal error occurred.	Collect the snap data and contact IBM Customer Support.
CMB307E – C:E /APPC xx xxxx xxxxxx DURING INITIALIZATION [CP TASK ABENDED/AP TASK ABENDED/AP TASK ENDED]	An error occurred during the APPC initialization phase that prevents use of the APPC. Additional console messages might accompany this message to further explain the problem.	Save a print of the SNAPOUT file and dump. Contact IBM Customer Support.
CMB308I – C:E /APPC CP TASK SUCCESSFULLY RESTARTED	Sterling Connect:Enterprise/APPC restarted a command Processor TCB. Check accompanying messages for additional information.	It may be necessary to recycle Sterling Connect:Enterprise.
CMB309E – C:E /APPC CP (xxxxxxx) DISABLED DUE TO ABEND	The CP (Command Processor program) displayed in the message abended. All transactions that use this program were disabled and will no longer execute. Sterling Connect:Enterprise/APPC can continue to process other transactions.	Obtain a print of the dump and contact IBM Customer Support. Stop and restart the APPC interface to re-enable the program.
CMB310E – C:E /APPC UNRECOVERABLE ERROR ON xxxxxxxx. SEE SNAP DATA	An internal error occurred.	Collect the snap data and contact IBM Customer Support.
CMB311E – C:E /APPC BT FUNCTION ERROR. SEE SNAP DATA	An internal error occurred.	Collect the snap data and contact IBM Customer Support.
CMB312E – C:E /APPC INITIALIZATION ERROR ON xxxxxxxx. SEE SNAP DATA	An internal error occurred.	Save the console messages, snap data and any dumps. Correct the error and restart Sterling Connect:Enterprise.
CMB313E – C:E /APPC REQUIRED USER EXIT (xxxxxxx) NOT IN EXECUTION LIBRARY	The specified user exit was not found. The parameter may have been incorrectly specified in the ODF.	Correct the error and restart Sterling Connect:Enterprise.

Message	Description	Action
CMB314E – C:E /APPC POSSIBLE STORAGE SHORTAGE. VERIFY REGION PARAMETER	During Sterling Connect:Enterprise/APPC start-up, the required control blocks could not be initialized because a large enough region was not defined.	Increase the region parameter on the job's EXECUTE statement and restart Sterling Connect:Enterprise.
CMB315E – C:E /APPC CP ERROR LOADING USER EXIT xxxxxxxx, R15=nnnn, CP#nnn	CP (Command Processor) task NNN tried to load user exit program xxxxxxxx, but failed. R15 (register 15) contains the specific reason.	Determine the cause of the load error as specified in register 15 for the LOAD macro. Correct the error and restart Sterling Connect:Enterprise.
CMB316E – C:E /APPC PR ERROR LOADING USER EXIT xxxxxxxx, R15=nnnn	The PR (Process Router) task tried to load user exit program xxxxxxxx, but failed. R15 (register 15) contains the specific reason.	Determine the cause of the load error as specified in register 15 for the LOAD macro. Correct the error and restart Sterling Connect:Enterprise.
CMB317E – C:E /RULES RP (xxxxxxx) ABENDED	The specified Rules Processor program abended. An attempt will be made to restart the RP task. The transaction being processed failed.	Correct the reason for the abend. If the program is not a user exit or the abend was not caused by a user exit, collect the snap dump (BTSNAP) and contact IBM Customer Support.
CMB318E – C:E /RULES RP (xxxxxxx) DISABLED DUE TO ABEND	The abending Rules Processor program listed in the message was disabled. It will remain disabled unless it can be restarted. No further Rules Processor transactions will be processed by this program.	Correct the reason for the original abend. If the program is not a user exit or the abend was not caused by a user exit, collect the snap dump (BTSNAP) and contact IBM Customer Support.
CMB319E – C:E /PR RECEIVED INVALID STEPS FROM RULES PROCESSOR. SEE SNAP DATA	An Sterling Connect:Enterprise internal error occurred.	Collect the snap data and contact IBM Customer Support.
CMB320I – C:E /PR MAXRP CONGESTION RELIEVED	This message might display after the CMB321W message to indicate that all queued transactions were removed from the hold queue for processing. See CMB321W for details on MAXRP and the use of the hold queue.	None required.
CMB321W – C:E /PR MAXRP CONGESTION OCCURRED	This warning message indicates that Rules Processor transactions are being placed in a hold queue for later processing. The MAXRP value specified in the ODF limits the number of concurrent transactions. When this message displays, at least three transactions have been queued for later processing.	MAXRP congestion is usually a temporary condition and is later relieved (see CMB320I). The MAXRP number can be increased to allow more concurrent transactions to be processed.

Message	Description	Action
CMB322I – C:E /PR RP TASK SUCCESSFULLY RESTARTED	Sterling Connect:Enterprise has restarted a Rules Processor TCB. Check accompanying messages for additional information.	None required.
CMB323I – APPC COMMAND NOT PROCESSED. AP TASK IS ALREADY xxxxxxxx	A \$\$\$START APPC command or \$\$\$STOP APPC command is ignored. The APPC task is already in the requested state.	None required.
CMB324I – START APPC COMMAND REJECT, C:E /APPC IS NOT INITIALIZED	A \$\$\$START APPC command cannot be processed. The APPC task was not initialized when Sterling Connect:Enterprise was first started.	To start the APPC task will require Sterling Connect:Enterprise to be restarted.
CMB325I – C:E /APPC TASK RESTART FAILED. LU6.2 LINK STILL UNAVAILABLE	A \$\$\$START APPC command cannot be processed. One or more of the components could not be restarted. Previous error messages may indicate the reason for the error.	To start the APPC task may require Sterling Connect:Enterprise to be restarted.
CMB326I – C:E /APPC TASK RESTARTED. LU6.2 LINK IS NOW AVAILABLE	A \$\$\$START APPC command was successfully completed.	None required.
CMB327I – C:E /APPC AP TASK \$\$\$STOP COMPLETED. LU6.2 LINK IN NOW UNAVAILABLE	A \$\$\$STOP APPC command was successfully completed.	None required.
CMB328W – RULE TRACES STOPPED - xxx ABEND, ENTER \$\$\$TRACE RPxxx COMMAND TO REUSE RULTRACE FILE	The RULTRACE DD file ran out of space, and no more rules trace records can be written. The message contains the abend code, usually “D37”.	If you need to save the data on the RULTRACE file, copy it to another data set. You can then reuse the RULTRACE file by entering any \$\$\$TRACE RPxON command (where x is E, L, or W) on the system console. Optionally you can allocate a larger RULTRACE file and restart Sterling Connect:Enterprise.  ISPF/CICS Trace Management will not allow you to enable the RPEOB, RPLOG, or RPWKT traces until console command \$\$\$TRACE RPxON is issued. Trace Management interfaces will display RC=0104 until the console command is issued.
CMB331E – ENQ FOR RNAME: mmmmmmmm-ssss FAILED, RC:nn.	Sterling Connect:Enterprise initialization failed because the MBXNAME (MMMMMMMM) server name (SSSS) combination is not unique. The VSAM server can only support one Sterling Connect:Enterprise system at a time.	Verify that this system is the only Sterling Connect:Enterprise using the uniquely named VSAM server.

Message	Description	Action
CMB332E – DEQ FOR RNAME: MMMMMMMM-SSSS FAILED, RC:NN.	Sterling Connect:Enterprise initialization failed because the dequeue of the Sterling Connect:Enterprise resource name failed.	This is a system error. Contact IBM Customer Support.
CMB333I – Connect:Enterprise GLOBAL STORAGE BLOCK BUILT AT: aaaaaaaa FOR A LENGTH OF IIIIIII.	The storage containing the SCB, PRSCB and FCT is located at address 'aaaaaaa' and is 'IIIIIII' bytes long.	None required.
CMB334I – Connect:Enterprise GLOBAL STORAGE BLOCK FREED AT: aaaaaaaa FOR A LENGTH OF IIIIIII.	The storage containing the SCB, PRSCB and FCT was released from 'aaaaaaa' and was 'IIIIIII' bytes long.	None required.
CMB335I – USER EXIT XXXXXXXX RUNNING IN 24 BIT MODE.	User exit program XXXXXXXX is executing in 24 bit mode.	None required.
CMB336E - C:E ICO INTERFACE TO C:D NOT COMPATIBLE	Sterling Connect:Enterprise has identified an incompatibility with the level of Sterling Connect:Direct installed and must terminate to prevent excessive SNAPOUT entries and SVC DUMP captures during Agent Rule processing of the ROUTE command.	Retrieve the Sterling Connect:Direct Hiper PTF using the link provided on the IBM Support On Demand website. Download and install Sterling Connect:Direct V4R07M00 SR1368264 F38164.
CMB337I - xxxx VSAM SERVER STORAGE POOL ALLOCATED/USED PAGES NNNNN/NNNNN	This message displays the number of 4K pages allocated in the VSAM Server EPVT/PVT storage pool and the maximum number of pages used during execution.	None. Message is displayed to assist sites to tune these internal product storage pools where the allocation size is tunable as follows:  EPVT Storage Pool - VSAM Server PARAMETER EPVT PVT Storage Pool - VSAM Server PARAMETER PVT
CMB340W – STORAGE NOT AVAILABLE FOR \$\$REQ WITH WAIT. WAIT TIME IGNORED	Storage was not available to create control information to process \$\$REQ requests that specify the WAIT parameter. The WAIT parameter will be ignored in all cases.	Increase the amount specified on the REGION parameter on the EXEC JCL statement by 100K and restart Sterling Connect:Enterprise.
CMB341W – INVALID PARAMETER IGNORED IN *CONNECT REMOTE SPECIFICATION RECORD	An unknown parameter was detected when scanning the remote specification records in the *CONNECT section of the ODF. This message is followed by CMB003I, which displays the 80-byte ODF record that contains the invalid parameter. The parameter is ignored and Sterling Connect:Enterprise continues execution.	Examine the record displayed and correct the error if necessary. Restart Sterling Connect:Enterprise if changes are needed.

Message	Description	Action
CMB342I – \$\$DALLOC COMMAND INVALID OR DUPLICATE PARAMETER XXXXXXXXXXXX	The \$\$DALLOC command entered on the system console was invalid. The invalid parameter is used in the message.	Check for keying errors and re-enter the request.
CMB343I – ORIGINALLY QUEUED ON yyyy/mm/dd AT hh:mm:ss, PENDING COMPLETE	This is an informational message about the status of a queued \$\$DALLOC request. XXXXXXXX is the originating user ID (if command originated from the user interface) -or- console ID (if command originated from an operator console). "PENDING" is displayed as the result of a \$\$LIST FILES,PD command, or when a \$\$DALLOC command is issued and there is already an outstanding queued request, waiting to be processed. "COMPLETE" is displayed when a queued request is successfully processed.	None required.
CMB344I – VBQnn VLFn DEALLOCATION REQUEST HAS BEEN QUEUED	A request to deallocate VBQnn VLFn could not be processed, because the file is currently in-use by Sterling Connect:Enterprise. The request has been queued and will be re-tried at every "DALLOC_RETRY_INTERVAL", until the file is successfully deallocated.	None required.
CMB345E – VBQnn VLFn DEALLOCATION REQUEST, QUEUEING FAILED DUE TO STORAGE OBTAIN ERROR RC=nnnn	A storage error occurred, attempting to internally queue a request to deallocate VBQnn VLFn. RC=nnnn is the return code from the STORAGE OBTAIN request.	Contact Customer Support.
CMB346E – ERROR DETECTED SETTING FILE DEALLOCATION RETRY TIMER, RC=nnnn, ALL QUEUED ENTRIES DELETED.	An error occurred, attempting to set the queued deallocation retry time interval. RC=nnnn is the return code from the STIMERM request. All queued file deallocation requests were deleted, since the timer interval could not be successfully set.	Contact Customer Support.
CMB349E – CM/APPC CONSOLE MSG CODE INCORRECT. SEE SNAP DATA	An internal error occurred	Collect the snap data and console messages. Contact IBM Customer Support.
CMB349I – BASEnnn CUMnnnn Pnnnnn Fnnnnn	Displays the Sterling Connect:Enterprise level installed. When reporting issues to IBM Customer Support, use this message to report the level of Sterling Connect:Enterprise executing.	None required.

Message	Description	Action
CMB350I – C:E /APPC INITIALIZATION COMPLETE	The APPC task was initialized and is ready to accept requests for the CICS and ISPF Interfaces.	None required.
CMB352E – C:E /APPC INITIALIZATION FAILED. REASON: xxxxxxxxxxxxxxxxxxxxxxxx	The APPC initialization failed because of the listed reason.	Save the console messages, snap data and any dumps. Correct the error and restart Sterling Connect:Enterprise.
CMB353I – C:E /APPC VTAM ACB OPEN	The Sterling Connect:Enterprise/APPC ACB opened.	This is a normal start-up message.
CMB355E – C:E /APPC SHUTDOWN SCHEDULED DUE TO UNEXPECTED LOSS OF VTAM ACB	The VTAM TPEND exit was driven, indicating that VTAM services are no longer available. Sterling Connect:Enterprise/APPC will terminate.	Correct the error and restart Sterling Connect:Enterprise.
CMB356E – C:E /RULES IS NOT APF AUTHORIZED	To use application agents, a valid APF authorized environment must exist. One was not detected.	Create a valid APF authorized environment and restart Sterling Connect:Enterprise.
CMB357E – C:E /RULES START COMMAND BECAUSE OF UNAVAILABLE RESOURCES	Resources necessary to initialize the application agents are not available. This is most likely due to insufficient region.	Increase the region size and restart Sterling Connect:Enterprise.
CMB358E – C:E /RULES USER PROGRAM (xxxxxxx) SPECIFIED IN EXECUTE RULE NOT FOUND	The named program could not be found in the STEPLIB/JOBLIB concatenation.	Ensure the program name is specified correctly and available for Sterling Connect:Enterprise to invoke.
CMB359E – C:E /RULES NO JCL STATEMENTS IN RULESJCL MEMBER xxxxxxxx	The named member does not appear to contain JCL.	Ensure the JCL member name is specified correctly and contains JCL.
CMB360E – C:E /RULES RULESJCL MEMBER xxxxxxxx NOT FOUND	The named member cannot be found in the RULESJCL library.	Ensure the JCL member name is specified correctly and is located in the RULESJCL library.
CMB361E – C:E /RULES JESRDR DCB NOT OPEN	The JESRDR JCL statement was not coded or was coded incorrectly.	Ensure the JCL statement has been supplied and is coded correctly.
CMB362E – C:E /RULES RULESJCL DCB NOT OPEN	The RULESJCL JCL statement was not coded or was coded incorrectly.	Ensure the JCL statement has been supplied and is coded correctly.
CMB363E – C:E /RULES PROCESSING FAILED. SEE SNAP DATA	An internal error occurred.	Save the console information and snap data. Contact IBM Customer Support.

Message	Description	Action
CMB364E – C:E /RULES SYMBOLIC EXPANSION IN COMMAND xxxxxxxx CAUSED TRUNCATION	As a result of symbolic field replacement, the command was expanded and exceeded the maximum length.	Specify the command so that symbolic expansion will not cause the maximum length to be exceeded.
CMB365E – C:E /RULES DATA NOT AVAILABLE TO REPLACE SYMBOLIC IN COMMAND xxxxxxxx	An internal error occurred.	Save the console information and snap data. Contact IBM Customer Support.
CMB366E – C:E /RULES SYMBOLIC EXPANSION IN MEMBER xxxxxxxx STMT nnnn CAUSED TRUNCATION	As a result of symbolic replacement, line nnnn in the specified JCL member has expanded and exceeds the maximum length.	Recode the JCL statement so that expansion will not exceed the maximum length.
CMB367E – C:E /RULES DATA NOT AVAILABLE TO REPLACE SYMBOLICS IN MEMBER xxxxxxxx STMT nnnn	An internal error occurred.	Save the console information and snap data. Contact IBM Customer Support.
CMB368E – OPEN FAILED FOR xxxxxxxx FILE, RC=nnn.	Unable to open the specified file.	Verify the file and the Sterling Connect:Enterprise JCL and restart Sterling Connect:Enterprise.
CMB369E – C:E /RULES RULES DD MEMBER “xxxxxxx” NOT FOUND - CONSOLE APPLICATION AGENT DISABLED - END OF BATCH APPLICATION AGENT DISABLED - LOGGING APPLICATION AGENT DISABLED - SCHEDULER APPLICATION AGENT DISABLED - WAKE UP TERMINATE APPLICATION AGENT DISABLED	The specified member of the RULES data set was not found.	Specify the correct member name and ensure it is included in the RULES data set.
CMB370E – RULES FILE LOGICAL RECORD LENGTH IS NOT 80 BYTES. APPLICATION AGENTS INACTIVE	The RULES data set has been incorrectly allocated.	Correctly allocate the RULES data set and restart Sterling Connect:Enterprise.
CMB371E – RULES FILE RECORD FORMAT IS NOT FIXED BLOCKED, APPLICATION AGENTS INACTIVE	The RULES data set has been incorrectly allocated.	Correctly allocate the RULES data set and restart Sterling Connect:Enterprise.
CMB372E – xxxxxxxx REQUIRES RULES=YES TO BE CODED	The listed ODF parameter cannot be specified without RULES=YES also being specified.	Specify RULES=YES in the ODF and restart Sterling Connect:Enterprise.
CMB373I – C:E /RULES INITIALIZATION COMPLETE	Application agents are now available to receive requests.	None required.



Message	Description	Action
CMB374I – C:E /RULES - CONSOLE APPLICATION AGENT NOW ACTIVE - END OF BATCH APPLICATION AGENT NOW ACTIVE - LOGGING APPLICATION AGENT NOW ACTIVE - SCHEDULER APPLICATION AGENT NOW ACTIVE - WAKE UP TERMINATE APPLICATION AGENT NOW ACTIVE	The status of the status application agent is active.	None required.
CMB375I – C:E /RULES RULES=YES REQUIRES ONE OR MORE RULES MEMBER(S) TO BE SPECIFIED	RULES=YES was specified in the *OPTIONS section of the Options Definition File to activate application agent processing, but no rule set member was specified.	Update the options definition file with one or more rule member(s) using the RULESEOB=xxxxxxx, RULESLOG=xxxxxxx, or RULESWKT=xxxxxxx parameter(s).
CMB377I – INVOKE NOT PROCESSED. XXX APPLICATION AGENT NOT ACTIVE	Invoke processing can only occur if the Application Agent is active. Valid values for xxx are: CON = Console EOB = End Of Batch LOG = Logging SCH = Scheduler WKT = Wake up Terminate	Start the application agent and retry the invoke request.
CMB378E – EOB APPLICATION AGENT REQUEST FOR BATCH nnnnnnnn DISCARDED	The application agent is either inactive, was never activated, or has been stopped. The outstanding request will not be processed.	Start the application agent so that other requests will not be discarded.
CMB379E – \$\$INVOKE RULES=EOB FOR BATCH(ES) nnnnnnnn - nnnnnnnn DISCARDED	The application agent is either inactive, was never activated, or has been stopped. The outstanding request will not be processed.	Start the application agent so that other requests will not be discarded.
CMB380E – LOGGING APPLICATION AGENT REQUEST FOR LOG RECORD xxx . . . xxx DISCARDED	The application agent is either inactive, was never activated, or has been stopped. The outstanding request will not be processed.	Start the application agent so that other requests will not be discarded.
CMB381E – WAKE UP TERMINATE REQUEST DRIVEN FROM – APPLICATION AGENT, FOR BATCH nnnnnnnn DISCARDED – USER EXIT, FOR BATCH nnnnnnnn DISCARDED	The application agent is either inactive, was never activated, or has been stopped. The outstanding request will not be processed.	Start the application agent so that other requests will not be discarded.

Message	Description	Action
CMB382I – STATUS OF APPLICATION AGENTS	This is the first output line from a LIST ALL or LIST RULES console command. Subsequent lines will detail the status of each application agent.	None required.
CMB383I – END OF BATCH - ACTIVE REFRESHING - INACTIVE REFRESHING - NEVER ACTIVE	This is the status output line from a LIST ALL or LIST RULES console command. REFRESHING in the message indicates that a refresh is in progress.	None required.
CMB384I – LOGGING - ACTIVE REFRESHING - INACTIVE REFRESHING - NEVER ACTIVE	This is the status output line from a LIST ALL or LIST RULES console command. REFRESHING in the message indicates that a refresh is in progress.	None required.
CMB385I – WAKE UP TERMINATE - ACTIVE REFRESHING - INACTIVE REFRESHING - NEVER ACTIVE	This is the status output line from a LIST ALL or LIST RULES console command. REFRESHING in the message indicates that a refresh is in progress.	None required.
CMB386I – xxx REQUESTS IN RULES PROCESSING QUEUE	This is the last output line from a LIST ALL or LIST RULES console command. It indicates the number of requests that have been made but have not been processed. If this number is consistently high, consider increasing the MAXRP value in the ODF.	None required.
CMB387E – REFRESH RULES=xxx FAILED	A \$\$REFRESH rules command failed due to one or more syntax errors detected in the specified rules member.	Correct the rules member and issue the \$\$REFRESH command.
CMB388E – ERRORS DETECTED IN xxx RULES, SEE SYSPRINT LISTING.	An error was detected in the listed rules during Sterling Connect:Enterprise start-up or rules refresh.	Correct the rules member and restart Sterling Connect:Enterprise or issue the refresh command.
CMB389I – DUMP RULES REJECTED. INVALID RULES TYPE SPECIFIED	An invalid \$\$DUMP RULES=xxx command was issued. This command dumps the rules table to the SNAPOUT file.	Issue the command correctly.
CMB390E – C:E /RULES INVALID INSTRUCTION IN xxx RULE NAME=yyyyyyyy - SEE SNAP DATA	The specified application agent detected an invalid instruction ID in the rule table. This indicates the table is corrupted. The parameters in this message are: xxx = Rule Type CON EOB LOG SCH WKT yyyyyyyy = The rule name	Issue the \$\$REFRESH RULES command. Save the SNAP data and contact IBM Customer Support.

Message	Description	Action
CMB391I – C:E /RULES xxxxxxxxxxxxxxxxx APPLICATION AGENT QUIESCE BEGUN	This message is displayed after issuing a \$\$\$STOP RULES command. The specified application agent is quiesced until all requests in process at the time the command was issued, complete. xxxxxxxxxxxxxxxxxxx indicates the rule type (that is, end of batch, logging, wakeup terminate, console, scheduler).	None required.
CMB392I – C:E /RULES xxxxxxxxxxxxxxxxx APPLICATION AGENT STOP COMPLETE	This message is displayed after issuing a \$\$\$STOP RULES command. All processing for the specified application agent is stopped. xxxxxxxxxxxxxxxxxxx indicates the rule type (i.e. end of batch, logging, wakeup terminate, console, scheduler).	None required.
CMB393I – C:E /RULES xxxxxxxxxxxxxxxxx APPLICATION AGENT ALREADY ACTIVE	This message is displayed after issuing a \$\$\$START RULES command and the application agent is already active. xxxxxxxxxxxxxxxxxxx indicates the rule type (i.e. end of batch, logging, wakeup terminate, console, scheduler).	None required.
CMB394I – C:E /RULES xxxxxxxxxxxxxxxxx APPLICATION AGENT ALREADY INACTIVE	This message is displayed after issuing a \$\$\$STOP RULES command and the application agent is already stopped. xxxxxxxxxxxxxxxxxxx indicates the rule type (i.e. end of batch, logging, wakeup terminate, console, scheduler).	None required.
CMB395I – C:E /RULES xxxxxxxxxxxxxxxxx APPLICATION AGENT NEVER ACTIVE	This message is displayed after issuing a \$\$\$STOP RULES command, but the application agent was never activated (not specified in the options definition file). xxxxxxxxxxxxxxxxxxx indicates the rule type (i.e. end of batch, logging, wakeup terminate, console, scheduler).	None required.
CMB397I – CONSOLE - ACTIVE REFRESHING - INACTIVE REFRESHING - NEVER ACTIVE	This is the status output line from a LIST ALL or LIST RULES console command. REFRESHING will be included in the message if a refresh is in progress.	None required.
CMB398I – SCHEDULER - ACTIVE REFRESHING - INACTIVE REFRESHING - NEVER ACTIVE	This is the status output line from a LIST ALL or LIST RULES console command. REFRESHING will be included in the message if a refresh is in progress.	None required.

Message	Description	Action
CMB399E – Connect:Enterprise APPC MSG INTERNAL ERROR (001).	An internal error occurred. The message number that was supposed to be displayed was not found in the message table.	Save the console information and snap data. Contact IBM Customer Support.
CMB400E – STSE0x GETMAIN FAILED	A GETMAIN failed to obtain workarea storage. Logon and batch processing is denied for the remote or user.	Increase Sterling Connect:Enterprise region size and restart the job.
CMB401E – POOL UNDEFINED FOR REMOTE (xxxxxxx):	No *POOLS ODF record was defined for the specified remote.	Define a *POOLS record. See the <i>IBM Sterling Connect:Enterprise for z/OS Installation Guide</i> for information about the *POOLS ODF record.
CMB402I – (xxxxxxx) LINE WILL STOP WITH NEXT I/O	The BSC line is scheduled to stop. It will stop when BTAM posts the completion of the command (WRITE, DIAL) that is currently active on the line.	<p>In most cases, this is just an informational message and the line will close within one to two minutes.</p> <p>If the line is attempting to dial, and there is a configuration problem, it could take three to ten minutes for the line to stop (because BTAM tries to dial several times before giving up).</p> <p>If the BSC line does not eventually stop, BTAM never posted the command completion. Perform CCW trace to diagnose the problem.</p>
CMB403I – \$\$STOP xxxxxxxxxxxxxxxxxxxxx ISSUED	Echoes the issued \$\$STOP ISPF or console command.	None required.
CMB404I – \$\$STOP COMMAND ABORTED – SESSION SETUP NOT COMPLETED WITH LUNAME=xxxxxxx	An attempt to issue a \$\$STOP LISTNAME or REMOTE aborted because the network did not complete session initialization processing.	<p>If Sterling Connect:Enterprise resources must be released, investigate the status of the LU in the SNA network by issuing a D NET,ID=xxxxxxx,E command, where xxxxxxxx is the LUNAME parameter from the SNA network.</p> <p>To end the connection, issue a V NET,ID=xxxxxxx,INACT,F command to force the LU into an inactive status and notify Sterling Connect:Enterprise of the failure.</p>

Message	Description	Action
CMB405I – LOGON PROCEEDING AC=xxxxxxxx REMOTE=xxxxxxxx LUNAME=xxxxxxxx	Logon processing for an Auto Connect has been occurring for at least a minute. This may or may not be an error.	If you receive this message several times for the same LU, investigate the status of the LU in the SNA network by issuing a D NET,ID=xxxxxxxx,E command, where xxxxxxxx is from the above LUNAME.  Generally, VTAM will time-out a logon after three to four minutes of inactivity. To force VTAM to stop the logon processing, issue a V NET,ID=xxxxxxxx,INACT,F command to force the remote LU into an inactive status and notify Sterling Connect:Enterprise of the failure.
CMB406I – FREEMAIN FAILED FOR BATCH CONTROL RECORD BUFFER. PROCESSING WILL CONTINUE.	Acquired memory was not successfully released. Processing is not interrupted, but a storage encroachment occurred which, if repeated numerous times, may lead to system degradation or failure.	None required.
CMB407I – AUTO CONNECT FAILED FOR LISTNAME=xxxxxxxx DUE TO INSUFFICIENT MEMORY.	The auto connect for LISTNAME XXXXXXXXX failed. The system is low on memory.	None required.
CMB408E – SCHEDULER APPLICATION AGENT REQUEST FOR SELECT STATEMENT #XXXXXXXXX DISCARDED	All RP tasks were never started or have abended or been stopped. The outstanding request will not be processed. The number of the discarded select statement is shown.	Restart Sterling Connect:Enterprise.
CMB409E – CONSOLE APPLICATION AGENT REQUEST DISCARDED: XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXX.	All RP tasks were never started or have abended or been stopped. The outstanding request will not be processed. The first 32 bytes of the discarded message are shown.	Restart Sterling Connect:Enterprise.
CMB410I – \$\$ODFUNLK INVALID. “USER” AND “APPLID” ARE REQUIRED	The \$\$ODFUNLK console command was issued, but the USER or APPLID parameters were not specified. Both USER and APPLID must be supplied with the \$\$ODFUNLK command.	Issue the \$\$LIST ODFLOCK console command to see which user has the lock. Use the USER and APPLID values from the CMB406I message to reissue the \$\$ODFUNLK command.  Verify that the user is not updating the ODF before issuing the \$\$ODFUNLK command to avoid losing ODF updates.

Message	Description	Action
CMB411E – REQUEST REJECTED FROM xxxxxxxx: yyyy...yyyy	A previous I/O error occurred for the SNAPOUT or RULTRACE data set. The file can no longer be used. In this message, “xxxxxxx” displays either CONSOLE or ISPF/CICS. “yyyy...yyyy” displays the rejected operator command.	Examine the JOBLLOG for the I/O error. Identify and correct the cause of the file I/O error.  Errors on SNAPOUT do not affect tracing information collected on RULTRACE. Errors on RULTRACE do not affect tracing information collected on SNAPOUT.  RULTRACE data sets can be overwritten and reused by issuing \$\$TRACE RPxON where x is E, L, or W.  \$\$DUMP and \$\$TRACE commands writing to the SNAPOUT data sets are invalid (if SNAPOUT had the I/O error) until the file error is corrected and Sterling Connect:Enterprise is recycled.
CMB412I – ODF LOCKED BY xxxx USER: xxxxxxxx APPLID: xxxxxxxx	The specified ISPF or CICS user is updating the ODF. No one else can update the ODF until this user completes the update.	None. This message is the output of the \$\$LIST ODFLOCK console command. However, if the specified user is no longer updating the ODF, investigate how the user exited ISPF/CICS after updating the ODF. If the user encountered a time-out, or the session was interrupted while the user had the ODF lock, use the \$\$ODFUNLK command to free the lock.
CMB413I – NO ODF LOCK HELD	No one is currently updating the ODF with ISPF or CICS. This message is the output of the \$\$LIST ODFLOCK console command	None required.
CMB414I – \$ODFUNLK SUCCESSFUL FOR xxxx USER: xxxxxxx APPLID: xxxxxxxx	The \$\$ODFUNLK console command successfully released the ODF lock for the specified USER/APPLID.	None required.

Message	Description	Action
CMB415I – \$\$ODFUNLK FAILED. ODF NOT LOCKED BY USER: xxxxxxx APPLID: xxxxxxxx	The \$\$ODFUNLK console command was issued, but the USER/APPLID specified in the command is not holding the ODF lock.	Issue the \$\$LIST ODFLOCK console command to see which user has the lock. Use the USER and APPLID values from the CMB406I message to reissue the “\$\$ODFUNLK” command, if needed.  Verify that the user is not updating the ODF before issuing the \$\$ODFUNLK command, to avoid losing ODF updates.
CMB416E – TRANSLATE FILE NOT DEFINED (DD MISSING)	The specified Translate file is not defined by a Job Control DD statement.	Correct the JCL and restart Sterling Connect:Enterprise.
CMB417E – TRANSLATE FILE MEMBER “XXXXXXXX” NOT FOUND	The designated Translate file does not contain the specified member.	Correct the JCL and restart Sterling Connect:Enterprise.
CMB418E – I/O ERROR READING THE TRANSLATE FILE	An attempt to read the Translate file resulted in an error.	Confirm the file characteristics and their definition to Sterling Connect:Enterprise. Correct and resubmit.
CMB419E – SNAPOUT I/O ERROR - SNAP BYPASSED FOR TITLE: (line 1) xxx...xxx(line 2)	A previous xxx (I/O or ENQ) error prevents full logging of a possible problem. The title of the problem is displayed.  <b>Note:</b> This is a multi-line console message with the breaks shown in the Message column.	Correct the previous problem preventing use of the SNAPOUT data set, then recreate the problem to gather full documentation. Turning off all unnecessary traces may help.  If necessary, change your automation package to properly identify CMB419I as a multi-line message.
CMB420W – \$\$INVOKE RULES=SCH INVALID RULENAME rrrrrrr	A rule name specified by a \$\$INVOKE RULES=SCH command was not found in the current SCH rules, and so was skipped.	Correct the invalid rule name and re-issue the \$\$INVOKE.
CMB421W – \$\$INVOKE RULES=SCH INVALID SELECT STATEMENT NUMBER nnnnnn	The Select statement number specified by a \$\$INVOKE RULES=SCH command was not found in the current SCH rules.	Correct the invalid Select statement number and re-issue the \$\$INVOKE command.

Message	Description	Action
<p>CMB422I - File Pct Multi-Volume (line 1) CMB422I - ID Used High-Allocated-RBA High-Available- RBA High-Used-RBA Ext (line 2) CMB422I - ----- -----  ----- -----  (line 3)</p>	<p>Displays the column headings for the \$\$SPACEX command. A total of three CMB422I messages are displayed for the column headings.</p>	<p>None.</p>
<p>CMB423I - aaaaa bbb cccccccccccccc dddddddddddd ddd eeeeeeeeeeeeeee fff</p>	<p>Displays the detail line items for the \$\$SPACEX command where: aaaaa = File ID (i.e. VPF, VCF, etc.) bbb = Percentage of used VSAM space cccccccccccccc = Data Component High-Allocated-RBA ddddddddddddddd = Data Component High-Available-RBA eeeeeeeeeeeeeeee = Data Component High-Used-RBA fff = Data Component Number of Extents</p>	<p>None.</p>
<p>CMB424W - TOKEN SERVICE REQUEST IEANTXX FAILED FOR TOKEN NAME: TTTTTTTTTTTTTTTT RC=NN</p>	<p>An error was encountered during a Token Services request, where: XX = CR/DL/RT (create/delete/read) TTTTTTTTTTTTTTTTT = 16 byte token name NN = Token Services return code This message is followed by message CMB425I which contains more information, specific to this particular token services request.</p>	<p>Collect Sterling Connect:Enterprise joblog output and contact IBM Customer Support.</p>
<p>CMB425I - XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXX</p>	<p>A variable multi-line message, issued immediately after the CMB424W message. This message provides additional information, specific to the token services error listed in CMB424W.</p>	<p>Collect Sterling Connect:Enterprise joblog output and contact IBM Customer Support.</p>



Message	Description	Action
CMB426E - DATA BASE ERROR DETECTED. CONNECT:ENTERPRISE TERMINATING. VCF/VPF CONTROL RECORDS MUST BE INITIALIZED PRIOR TO EXECUTING IN THE EXPANDED USER BATCH ID ENVIRONMENT (BID64). RUN STOUTL "PURGE INIT=BID64" JOB TO CONVERT THESE FILES BEFORE RESTARTING CONNECT:ENTERPRISE.	Sterling Connect:Enterprise terminates after it detects a database error. VCF/VPF control records must be initialized prior to executing in the expanded user batch id environment (BID64).	To initialize VCF/VPF control records before using Sterling Connect:Enterprise in the expanded 64-character user batch ID environment, run the offline utility PURGE program and specify BID64 to convert files before restarting Sterling Connect:Enterprise. For more information, see the section on upgrading in the <i>IBM Sterling Connect:Enterprise for z/OS Release Notes</i> .
CMB427I – #nnnnnnn BID=64 lowercase xxxxxx..... characters	When the \$\$DIRECTORY command is entered, a series of CMB017I messages followed by CMB427I messages appears on the system console. There is one CMB017I message per batch on the VSAM batch files, either for all Mailbox IDs, or for the single ID entered as part of the \$\$DIRECTORY command.  The fields in the message are: #nnnnnnn = The 7-digit batch number assigned to the batch by Sterling Connect:Enterprise. BID=xx...xx = The full 64 character user batch ID assigned to the batch when it was added to the VSAM batch files.	None required. This is the normal response to the \$\$DIRECTORY command entered on the system console. This message is always preceded by a CMB017I message. See page 26 for more information.
CMB430I – RP00nn unable to alloc task INTRDR. Switching to JESRDR.	There are no more available internal readers for RULESJCL submission. RP task nn will instead use the JESRDR DD.	None required. Optionally, change the ODF RULES_IR setting from YES to NO to always use JESRDR, or increase the JES2 internal reader parameter.
CMB431I – RP00nn unable to open task INTRDR. Switching to JESRDR.	RP task nn attempted to reuse an internal reader after it was re-attached, but could not open it. It will use the JESRDR DD instead.	None required. There will be an open error message before this message which may aid in diagnosing why the internal reader could not be opened. Sterling Connect:Enterprise must be cycled to reclaim the abandoned internal reader.

Message	Description	Action
CMB435I – xxxxx %USED=*** UNAVAILABLE: DEALLOCATED USING STOUTL=DISALLOW  -or- VSAM OWNS PHYSICAL ALT INDEX FILE	The VSAM file space statistics could not be obtained for the specified file id (i.e. XXXXX = VBQnn, VLFn, etc.) for one of the following reasons: <ul style="list-style-type: none"> <li>◆ The file has been deallocated and is unavailable to the entire Sterling Connect:Enterprise system, due to the STOUTL=DISALLOW option.</li> <li>◆ The physical VCF alternate index file is owned by the the VSAM subsystem and cannot be opened.</li> </ul>	None required. This is an informational message only, in response to the \$\$\$SPACE command.
CMB482I – SESS ID=xxxxxxxx xxxx zzzz	The status of the specified session ID, where xxxx is either: CONN = Session is connected, DCON = Session is disconnected. zzzz is one of the following: ACTV = Session is active. INAC = Session is inactive. STRT = Session is starting. STPD = Session has stopped.	None required.
CMB483I – STATUS OF Connect:Enterprise FTP SESSIONS:	This message is in response to the \$\$LIST FTP command and precedes the CMB485I message listing FTP session status.	None required.
CMB484I – STATUS OF ALL Connect:Enterprise FTP SESSIONS:	This message is in response to the \$\$LIST FTP ALL command and precedes the CMB485I message listing FTP session status.	None required.
CMB485I - SESS ID=xxxxxxxx, DISCONNECTED, nnn,nnn,nnn BYTES SENT, (line 1) RMTNAME=xxxxxxxx, INACTIVE, nnn,nnn,nnn BYTES RECV, AC LIST=xxxxxxxx, BATCHNUM=NNNNNNN, n,nnn XMITS (line 2)	The named session is described by its Session Identifier, Remote Name, AC List Name, Connect/Disconnect status, Active/Inactive/Started/Stopped status, Batch Number, Number of bytes sent, Number of bytes received, and Number of Transmissions. AC LIST is only shown for Client sessions.  <b>Note:</b> This is a multi-line console message with the breaks shown in the Message column.	If necessary, change your automation package to properly identify CMB485I as a multi-line message.
CMB486I – TCP SCHEDULER TRACE ACTIVE	The Trace facility was successfully activated for the TCP Scheduler.	None required.
CMB487I – NO TCP SCHEDULER TRACE ACTIVE	No Trace facility was activated for the TCP Scheduler.	None required.

Message	Description	Action
CMB488I – STATUS OF FTP SESSIONS	Declares that FTP sessions will be described in following individual messages.	None required.
CMB489I – END OF FTP REMOTES	Declares that the list of FTP remote sessions and their status is complete.	None required.
CMB490I – NO FTP REMOTES DEFINED	A request to list FTP remotes and their status cannot be performed because no remotes are present.	None required.
CMB491I – ftp remote:.....	Displays an FTP remote and its status.	None required.
CMB492I – ALL DIALOG TRACING IS TURNED ON	The FTP Dialog Trace function has been activated.	None required.
CMB493I – ALL DIALOG TRACING IS TURNED OFF	The FTP Dialog Trace function has been deactivated.	None required.
CMB494E – ERROR - BAD DIALOG ENTRY, RETURN CODE=	An error was detected while parsing the list of remotes. The return code value is displayed.	Reenter the command, correctly specifying the remotes.
CMB495E – ERROR - BAD \$\$DIALOG COMMAND - PARM STRING IS TOO LONG	An error was detected while parsing the list of remotes. The return code value is displayed.	Reenter the command, correctly specifying the remotes.
CMB496E – ERROR - BAD \$\$DIALOG COMMAND - NO ACTION TAKEN	An error was detected while parsing the list of remotes.	Reenter the command, correctly specifying the parameter string.
CMB497E – ERROR - \$\$DIALOG REQUIRES REMOTE NAME AFTER =	An error was detected while parsing the list of remotes.	Reenter the command, correctly specifying the remote name.
CMB498E – C:E /APPC INTERNAL ERROR pppppppp (xxx)	An internal error has occurred in the listed program.	Collect the snap data and console messages. Contact IBM Customer Support.
CMB499E – C:E /APPC ABENDING WITH USER=499	An error occurred and was defined in a previous error message. Sterling Connect:Enterprise/APPC is terminating.	Collect the snap data and console messages. Contact IBM Customer Support.
CMB500I – ALL FTP TRACING IS TURNED ON	FTP tracing is active.	None required.
CMB501I – ALL FTP TRACING IS TURNED OFF	FTP tracing is inactive.	None required.
CMB502E ERROR – BAD \$\$TRACE ENTRY, RETURN CODE=XX.	The remote names specified in a \$\$TRACE FTPON/OFF command were not correctly entered.	Correct and reenter to turn FTP tracing on.
CMB504E ERROR – BAD \$\$TRACE COMMAND, NO ACTION.	The remote name specified in a \$\$TRACE FTPON/OFF command was not found.	Correct and reenter to turn FTP tracing on.

Message	Description	Action
CMB505E ERROR – \$\$TRACE REQUIRES REMOTE NAME AFTER "=" OR ",".	A \$\$TRACE FTPON command was entered with no text following the = character. An asterisk or a remote name is required after the equal sign, or you can enter FTPON to set trace on for all remotes.	Correct and reenter to turn FTP tracing on.
CMB506E: ERROR 0151	Bad \$\$TRACE Command	Parm string is too long
CMB510I: DIALOG TRACING WAS TURNED xxx FOR xxxxx REMOTES.	A \$\$DIALOG command turned on/off dialog tracing for xxxxx number of remotes.	None required.
CMB511I: FTP TRACING WAS TURNED xxx FOR xxxxx REMOTES.	A \$\$TRACE FTP command turned on/off FTP data tracing for xxxxx remotes.	None required.
CMB512E - ERROR - \$\$TRACE TCPSCHRMT= REQUIRES "*" OR REMOTE NAME AFTER "=".	The \$\$TRACE TCPSCHRMT= command requires either a 1 to 8 character Remote name or a "*" after the equal sign.	Correct and re-enter to limit tracing to one remote.
CMB513I - TCPSCH TRACE ACTIVE FOR xxxxxxxxxxx	This message is displayed as a result of the \$\$LIST command and shows the status of the TCPSCH trace. If the trace is active for all remotes, xxxxxxxxxxx will be 'ALL REMOTES'. If the trace is just active for one remote, xxxxxxxxxxx will be the remote it is active for.	None required.
CMB590I – Connect:Enterprise SHUTDOWN RESOURCE UTILIZATION SUMMARY.	This message is the title line of a series of messages displayed during Sterling Connect:Enterprise shutdown. It is followed by messages CMB591 and CMB592. CMB591 displays the total address space CPU utilization and memory usage. CMB592 displays a line for each subtask.	None required.
CMB591I – DURATION=0000:00:00.00 ADDRESS SPACE CPU TIME= 0000:00:00.00 SRB CPU TIME=0000:00:00.00	This message displays the elapsed time that of the Sterling Connect:Enterprise job execution, total CPU time used and SRB CPU time used.	None required.
CMB592I – TASK ID TASK CPU TIME DYNAMIC STORAGE CURRENT /MAXIMUM.	This message is the title line for the individual subtask resource utilization summaries.	None required.
CMB593I – Connect:Enterprise RESOURCE UTILIZATION - INCREMENTAL.	This message is the title line for the individual subtask resource utilization snapshots displayed by the \$\$LIST RESOURCES,D command. It is followed by message CMB592 and a line for each active subtask.	None required.

Message	Description	Action
CMB593I – Connect:Enterprise RESOURCE UTILIZATION SINCE START-UP.	This message is the title line for the individual subtask resource utilization summaries displayed by the \$\$LIST RESOURCES command. It is followed by message CMB592 and a line for each active subtask.	None required.
CMB594I - Connect:Enterprise RESOURCE UTILIZATION SINCE START-UP.	This message is the title line for the individual subtask resource utilization summaries displayed by the \$\$LIST RESOURCES command. It is followed by message CMB592I and a line for each active subtask.	None.
CMB595I – SP ALLOC < 16M ALLOC > 16M TOTAL ALLOC FREE < 16M FREE > 16M TOTAL FREE	This message is the first of a multiple line display of Sterling Connect:Enterprise memory utilization of storage subpool (SP) space. The display is requested by the \$\$LIST STORMAP command. CMB595I is followed by multiple CMB596I lines.	None required.
CMB596I – nnn aaaaaaaaaK bbbbbbbbbK ccccccccK ddddddddK eeeeeeeeK ffffffffK	This message is displayed for each storage subpool used by Sterling Connect:Enterprise. The following information is listed for each storage subpool: <ul style="list-style-type: none"> <li>◆ Storage subpool ID number (nnn)</li> <li>◆ Allocated storage space in 4-KB blocks below the 16-MB line (aaaaaaaaK)</li> <li>◆ Allocated storage space in 4-KB blocks above the 16-MB line (bbbbbbbbbK)</li> <li>◆ Total allocated storage space in 4-KB blocks (cccccccK)</li> <li>◆ Unallocated storage space in 4-KB blocks below the 16-MB line (dddddddK)</li> <li>◆ Unallocated storage space in 4-KB blocks above the 16-MB line (eeeeeeeK)</li> <li>◆ Total unallocated storage space in 4-KB blocks (fffffffK)</li> </ul>	None required.

Message	Description	Action
CMB597I – TASK: XXXXXXXX TCB@= XXXXXXXX ALLOC: XXXXXXXX XXXXXXXX XXXXXXXX	This message is displayed for each task in the Sterling Connect:Enterprise address space. It displays the attach program name, the TCB address, and the storage allocated below and above the 16-MB line, and the total allocated.	None required.
CMB598I – AAA UNAL BELOW: XXXXXXXXXX UNAL ABOVE: XXXXXXXXXX UNAL TOTAL: XXXXXXXXXX	This message is displayed for the private (PVT) address space. It displays the unallocated storage below and above the 16-MB line, and the total for the address space.	None required.
CMB599I – XXXXXXXX.XX CPU TIME IN SECONDS.	This message is displayed at the end of the storage map display. It accounts for the total CPU time used for storage map displays during the current execution.	None.
CMB600I - BATCH# nnnnnnn, ID + (line 1) "xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx (line 2) xxxxx", RMTID xxxxxxxx ROUTED TO C:D NODE xxxxxxxxxxxxxxxxxxxx (line 3) PROCESS ppppppp [(SUBMITTED VIA ESF)]                                  (line 4)	<p>The specified Process was successfully submitted to the Sterling Connect:Direct Primary node for the batch identified by:</p> <ul style="list-style-type: none"> <li>◆ BATCH# – Batch Number.</li> <li>◆ ID – User Batch ID</li> <li>◆ RMTID – Remote ID (Mailbox ID)</li> </ul> <p>The plus (+) sign in Line 1 acts as a place holder to cause the operating system to right align the three-digit multi-line continuation number with the continuation character in the preceding CMB297I message.</p> <p>If "(SUBMITTED VIA ESF)" is displayed in Line 4, the primary Sterling Connect:Direct node was unavailable, but the request was successfully placed on the TCQ (Transmission Control Queue) for later processing, when Sterling Connect:Direct becomes available.</p> <p><b>Note:</b> This is a multi-line console message with the breaks shown in the Message column.</p>	If necessary, change your automation package to properly identify CMB600I as a multi-line message.

Message	Description	Action
CMB601E - ROUTE INSTRUCTION FAILED FOR BATCH# nnnnnnn, ID + (line 1) "xx xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx (line 2) xxxxx", RMTID xxxxxxxx 3)	A ROUTE instruction in an End of Batch RULES statement failed due to a Sterling Connect:Direct command error.  The plus (+) sign in Line 1 acts as a place holder to cause the operating system to right align the three-digit multi-line continuation number with the continuation character in the preceding CMB297I message.  This message is followed immediately by messages CMB602I and CMB603I that identify the Sterling Connect:Direct user ID who signed on and the Sterling Connect:Direct error that caused the ROUTE instruction to fail.  The RULE statement will terminate or continue based on customer-specified parameters in the RULE.	Review the CMB602I and CMB603I messages that follow this message.
CMB602I - C:D USERID=1-64 character ID.	The USERID associated with message CMB601E.	None.
CMB603I - COMMAND xxxxxxx FAILED AT C:D NODE xxxxxxxxxxxxxxxx. RC=nnnn. CDMSGID=xxxxxxxx.	The command specified in the message failed. Other message values are:  RC —The return code returned in response to the command.  CDMSGID—The Sterling Connect:Direct message code.	Refer to the Sterling Connect:Direct documentation for explanations of these values. The text returned for this error, if present, is written to the SYSPRINT data set.
CMB604E - TWO OR MORE XXX REMOTES DEFINED IN *REMOTES SECTION WITH THE SAME NAME - NAME=XXXXXXXX	The *REMOTES section of your ODF has two remote definitions by the same name and same type. XXX will be SNA or FTP depending on the duplicate Remote's type (FTP for TYPE=FTP_CLIENT or TYPE=FTP_SERVER; SNA for TYPE=LU1RJE). NAME=XXXXXXXX will identify the duplicate remote by name.	Delete one of the Remote definitions from the *REMOTES section and start Sterling Connect:Enterprise again.

Message	Description	Action
CMB605W - XXX REMOTES DEFINED IN *REMOTES SECTION WITH THE SAME UPPER-CASED NAME - XXXXXXXX	The *REMOTES section of your ODF has two remote definitions of the same name and type, but the names do not have the same case. XXX will be SNA or FTP, depending on the duplicate remote's type (FTP for TYPE=FTP_CLIENT or TYPE=FTP_SERVER; SNA for TYPE=LU1RJE). XXXXXXXX is the name of the duplicate remote. If the MBXSECURE parameter is not set to NONE, an external security package will validate access to the remote. All known external security packages use only upper case resource names. As a result, one security profile will be applied to all remotes with the same name, but different case.	Delete one of the remote definitions from the *REMOTES section and start again.
CMB606W - LISTNAME XXXXXXXX CONVERTED TO UPPERCASE LETTERS	The *CONNECT Section of your ODF contained a LISTNAME which had to be capitalized to create a consistent software resource name for duplicate verification.	This is a warning only message used to alert users that what was requested was modified to create unique resource names now available for use with the \$\$CONNECT Command Processing.
CMB607E - LISTNAME XXXXXXXX DUPLICATE LISTNAME NOT ALLOWED	The *CONNECT Section of your ODF contained a LISTNAME which once processed resulted in a duplicate software resource.	Delete or rename one of the LISTNAME definitions and start Sterling Connect:Enterprise again.
CMB701E – INVALID LOGICAL RECORD LENGTH FOR FILE:	This is part one of a two-part message. The file identified in the following message CMB702E specified an incorrect record length.	Correct the VSAM definition for the file named in message CMB702E.
CMB702E – 'data set name' LRECL XXXXX / YYYYY.	The specified data set was defined with an incorrect record size. 'XXXXX' was defined; 'YYYYY' is required.	Correct the VSAM definition for the data set.
CMB703E – Unable to open DDNAME: XXXXXXXX.	The indicated DDNAME could not be opened because it was not present in the JCL or OPEN failed.	Correct the JCL or data set allocation.
CMB704E – Connect:Enterprise MUST BE AUTHORIZED TO USE THE FTP FEATURE.	The FTP feature must use APF authorized z/OS services. The address space is not APF authorized.	Correct the APF authorization problem. All load libraries being used must be APF authorized.
CMB705E: \$\$CONNECT COMMAND FOR FTP CANNOT BE PROCESSED DUE TO GETMAIN FAILURE	A GETMAIN command failed to get required storage for a \$\$CONNECT command.	Increase the Sterling Connect:Enterprise region size.



Message	Description	Action
CMB706E: \$\$DELACQ COMMAND FOR FTP CANNOT BE PROCESSED DUE TO GETMAIN FAILURE.	A GETMAIN failed to get required storage for a \$\$DELACQ command.	Increase the Sterling Connect:Enterprise region size.
CMB707E - NO SPACE AVAILABLE ON VSAM LOG FILES. SYSTEM WILL SHUT DOWN.	The current VLF file is out of space and VLF rotation cannot occur because all other VLF files are above the VLFPCCT threshold or the quantity of VLF files available via VLFROTAT is insufficient to continue processing. Sterling Connect:Enterprise will perform an internal \$\$SHUTDOWN.	Back up your data from the current collection VLF file, delete and define adding the initialization/dummy record, then restart the Sterling Connect:Enterprise main task. Review your maintenance procedures, space allocation, and the number of VLF files (up to eight) defined for use.
CMB708I - VBQxx LRECL GT 32570, CSC/ICO/API COLLECTIONS /EXTRACTIONS MAY FAIL.	The specified VBQ file has been defined with a LRECL greater than the recommended maximum record size of 32570.  This is just a warning since Sterling Connect:Enterprise works with record sizes greater than 32570 except it can not perform some CSC, ICO or API collections and extractions. If you do not plan on using CSC, ICO or APIs, you can use the larger record size. If you are already using a record size greater than 32570, you can continue using the larger record size.	None required. If you plan to use CSC, ICO or APIs, it is recommended that you redefine your VBQ files with a record length of 32570 or less.
CMB714E – SNMPTRAP ERROR: BPX1pgm RV/RC/RSN=v/c/n text,ipad	An application agent issued an SNMPTRAP instruction that failed due to an error in a callable Unix System Service. BPX1pgm is the callable USS, where 'pgm' is variable. The RETURN_VALUE, RETURN_CODE and REASON_CODE are 'v', 'c' and 'n', respectively, 'text' is a brief explanation and 'ipad' is the ipaddr as specified in the SNMPTRAP instruction.	Usually, the problem is due to an invalid ipaddr. Correct the error, refresh the rules, and retry. The error codes are documented in <i>z/OS UNIX System Services Messages and Codes</i> (SA22-7807-08).
CMB715E - LOGON SCRIPT MUST BE SPECIFIED FOR REMOTE xxxxxxxx.	This message is displayed at startup if a FTP_SERVER remote is defined without LOGON_SCRIPT specified and *OPTIONS FTP_LOGON_SCRIPT_DEFAULT is also not specified.	Update ODF to add LOGON_SCRIPT= parameter to the *REMOTE FTP_SERVER remote specified in the message or set the *OPTIONS FTP_LOGON_SCRIPT_DEFAULT= parameter and restart Sterling Connect:Enterprise.

Message	Description	Action
CMB716E - DUPLICATE DEFAULT_MODE STATEMENT FOUND, ODF VALIDATION WILL BE ABORTED.	Sterling Connect:Enterprise was initialized with the DEFAULT_MODE parameter appearing more than once in the ODF. Sterling Connect:Enterprise abended ABEND with U0253 and issued this error message as well.	Delete the extra occurrence of the DEFAULT_MODE parameter in the *OPTIONS record of the ODF, and restart Sterling Connect:Enterprise.
CMB717E - REQUIRED STATEMENT DEFAULT_MODE=BID24 BID64 NOT FOUND, ODF VALIDATION WILL BE ABORTED.	Sterling Connect:Enterprise was initialized without the required parameter, DEFAULT_MODE, being specified in the ODF.	Add DEFAULT_MODE=BID24 or DEFAULT_MODE=BID64 to the *OPTIONS record of the ODF, and restart Sterling Connect:Enterprise.
CMB718I - DEFAULTING TO xxxxx VERSION OF PARAMETERS UNLESS OTHERWISE SET.	When Sterling Connect:Enterprise successfully initializes, new message CMB718I lists the default mode specified. xxxxx is either BID24 or BID64 depending on the DEFAULT_MODE setting.	None required.
CMB800I - LISTNAME xxxxxxxx ENABLED ON yyyy/mm/dd AT hh:mm:ss BY uuuuuuuu	The disable flag was turned off by the \$\$ENABLE command for listname xxxxxxxx by user uuuuuuuu on the date and time specified.	None. To disable the listname, issue command "\$\$DISABLE L=xxxxxxx" or disable it via ISPF/CICS 31.16.
CMB801I - \$\$ENABLE INVALID. LISTNAME xxxxxxxx NOT DEFINED.	The listname xxxxxxxx specified via the \$\$ENABLE command is not a listname defined in the ODF.	Correct the listname and try the \$\$ENABLE command again.
CMB802I - LISTNAME xxxxxxxx DISABLED ON yyyy/mm/dd AT hh:mm:ss BY uuuuuuuu	The disable flag was turned on by the \$\$DISABLE command for listname xxxxxxxx by user uuuuuuuu on the date and time specified.	None. To enable the listnames, issue command "\$\$ENABLE L=xxxxxxx" or enable it via ISPF/CICS 31.15.
CMB803I - \$\$DISABLE INVALID. LISTNAME xxxxxxxx NOT DEFINED.	The listname xxxxxxxx specified via the \$\$DISABLE command is not a listname defined in the ODF.	Correct the listname and try the \$\$DISABLE command again.
CMB804I - STATUS OF LISTNAMES:	First message output by the \$\$LIST LISTNAME command.	None
CMB805I - LISTNAME=xxxxxxx ssssssss	Message reporting the status of a listname via the \$\$LIST LISTNAME command. xxxxxxxx will be a listname and ssssssss will be either ENABLED or DISABLED.	None

Message	Description	Action
CMB806I - LISTNAME xxxxxxxx ALREADY ssssssss	A \$\$DISABLE or \$\$ENABLE command was issued for listname xxxxxxxx but the listname was already in the specified state. For example, trying a \$\$DISABLE command on a listname that was already DISABLED. ssssssss will be either ENABLED or DISABLED.	None
CMB807I - AUTO CONNECT FOR xxxxxxx UNABLE TO START - LISTNAME DISABLED.	A \$\$CON command was issued for listname xxxxxxxx but the listname is disabled.	If you need the listname to run, issue the \$\$ENABLE command to turn off the disable flag and then try the \$\$CON command again.
CMB808I - TIMED AUTO CONNECT FOR xxxxxxxx UNABLE TO START - LISTNAME DISABLED.	A TIME activated AC was triggered for listname xxxxxxxx but the listname is disabled.	If you need the listname to run, issue the \$\$ENABLE command to turn off the disable flag.
CMB809I - QUEUED AUTO CONNECT UNSUCCESSFULLY REACTIVATED FOR DISABLED LISTNAME xxxxxxxx	A queue Auto Connect was not reactivated because the listname was disabled after the list was queued.	If you need the listname to run, issue the \$\$ENABLE command to turn off the disable flag.
CMB810I - APPC SEMAPHORE LIST ALLOCATED/USED SLOTS nnn/nnn	Information only message issued at shutdown and as a result of the \$\$LIST RESOURCES command; reports the number of APPC Event List slots allocated and the highest number of slots used.	If the number of slots Used is close to the number Allocated, increase your APPC_EVENT_LIST_SLOTS value.
CMB901I - IBM Sterling Connect:Enterprise for z/OS Vnn.Rnn.Mnn INITIALIZATION STARTED	Information only message issued at Main Task startup. This is the first message in the JES2 Job Log after \$HASP373.	None
CMB902I - ODF parameter APDSN= is obsolete. Remove this parameter from the Options Definition File.	APDSN= is an obsolete ODF parameter and should be removed from the Options Definitions File.	Remove or comment out this parameter from the ODF.

Message	Description	Action
CMB996I – CONSOLE APPLICATION AGENT EXCEEDS RULES_RECURSION_MAX nnnnnnnnnn WITH MSGID xxxxxxxx.	A CONSOLE application agent went into recursion and exceeded the specified or default value of ODF parameter RULES_RECURSION_MAX. nnnnnnnnnn is the current setting of RULES_RECURSION_MAX. xxxxxxxx is the MSGID that caused the maximum recursion to be exceeded. <b>Note:</b> If CMB996I is specified in a CONSOLE RULES SELECT statement, it will result in message CMR115I at Sterling Connect:Enterprise startup or rules refresh or verify. See the <i>IBM Sterling Connect:Enterprise for z/OS Application Agents and User Exits Guide</i> for more information.	If the level of recursion reached is normal for the rule set, increase the value of the ODF parameter RULES_RECURSION_MAX. Otherwise, examine the rule set and correct the cause of the recursion.
CMB997I - CONSOLE AGENT CANNOT BE INVOKED BY MSGID xxxxxxxx : ENVIRONMENT NOT [ACTIVE   SUPPORTED].	Sterling Connect:Enterprise issued a message whose MSGID xxxxxxxx was specified in a CONSOLE agent rule SELECT statement but is unable to invoke a CONSOLE agent because the necessary C environment is either not yet active (initialized) or is not supported for the subtask that issued the message. The most likely cause is that the message occurs either before the Application Agent rules are fully processed, or after rules processing has been terminated, especially during shutdown.	Examine the rule set and remove the MSGID from any SELECT MSG01=( ) parameter(s). If the message can be processed successfully after rules initialization is complete, you may decide it is preferable to take no action.
CMB998E – ERROR RETURN CODE FROM WTO. MSGNBR=aaaa, RC=bb.	An error was returned from the WTO service for message # 'aaaa'. The return code was 'bb'. The message may not be displayed.	Collect the snap data and console messages. Contact IBM Customer Support.
CMB999E – CONSOLE MESSAGE CODE NOT IN TABLE, SEE SNAP DATA SET.	A request was made to display a message number that is not in the message table module (STMSGT).	Collect the snap data and console messages. If the request was for a valid message number, contact IBM Customer Support.
CMB2101I – C:E /TCPS TCP/IP FEATURE INITIALIZATION IN PROGRESS.	Sterling Connect:Enterprise FTP initialization is in progress.	None required.

Message	Description	Action
CMB2102I – C:E /FTP TCP/IP THREAD INITIALIZATION IN PROGRESS.	Sterling Connect:Enterprise FTP session thread initialization is in progress.	None required.
CMB2103I – C:E /FTP TCP/IP THREAD INITIALIZATION COMPLETE. xxxx OF xxxx SESSION THREADS ALLOCATED.	Sterling Connect:Enterprise FTP session thread initialization successfully completed. All session threads were allocated.	None required.
CMB2104W – C:E /FTP xxxxxxxTHREAD INITIALIZATION INCOMPLETE. xxxx OF xxxx THREADS SUCCESSFULLY ALLOCATED.	TCP/IP session thread initialization completed with errors. The first count is the number of threads started. The second is the number requested in the ODF.	A thread initialization error occurs when the counts are not equal. Check the system log for error messages describing the cause of the failure.
CMB2105E – C:E FTP xxxxxxxx FEATURE CANNOT BE STARTED. FTP=NO SPECIFIED IN THE ODF.	You must specify FTP=YES in the ODF *OPTIONS records to use the Sterling Connect:Enterprise FTP feature.	Correct the ODF *OPTIONS record and restart Sterling Connect:Enterprise FTP.
CMB2106W – C:E /TCPS TCP/IP INITIALIZATION CANNOT PROCEED. TCP/IP IS ACTIVE.	The TCP/IP feature was not successfully terminated before the \$\$START FTP command was issued.	Check the system log to determine if the TCP/IP feature was successfully terminated by the \$\$STOP FTP command. TCP/IP will not terminate until all FTP sessions have completed and all TCP/IP threads have stopped. Display the status of the threads to determine what threads are active and terminate them using the Immediate or Force option of the \$\$STOP FTP command.
CMB2107E – C:E TCP/IP INITIALIZATION CANNOT PROCEED. xxx...xxx NOT SPECIFIED.	The TCP/IP feature cannot be started because the indicated parameter was not specified.	Check the ODF options section for the specified parameter.
CMB2108I – C:E /TCPS TCP/IP C ENVIRONMENT MANAGER TASK INITIALIZATION COMPLETE.	The TCP/IP C Environment task has successfully initialized the IBM C environment.	None required.
CMB2109I – C:E /TCPS TCP/IP FTP LISTENER TASK INITIALIZATION COMPLETE.	The FTP Listener task is ready to accept FTP client connect requests.	None required.
CMB2110E – C:E FTP_SERVER_CONTROL_PORT INVALID	The value specified for FTP_SERVER_CONTROL_PORT in the ODF is not within the allowed range of port numbers.	Correct the ODF value.
CMB2111E – C:E FTP_DEFAULT_DISCINTV INVALID	The value specified for FTP_DEFAULT_DISCINTV in the ODF is not within the allowable range.	Correct the ODF value.

Message	Description	Action
CMB2112E – C:E FTP_MAX_SERVER_THREADS INVALID, or C:E FTP_MAX_CLIENT_THREADS INVALID, C:E SCRIPT_INTERVAL_TIME INVALID.	The maximum valid value for concurrent FTP server sessions, concurrent client sessions, and script interval time is 999.	Correct the ODF *OPTIONS record FTP_MAX_CLIENT_THREADS, FTP_MAX_SERVER_THREADS, OR SCRIPT_INTERVAL_TIME value and restart Sterling Connect:Enterprise.
CMB2113E – C:E FTP OPTIONS SPECIFIED WITH FTP=NO.	FTP=YES must be specified on the ODF *OPTIONS record in order to use the Sterling Connect:Enterprise FTP feature.	Specify FTP=YES in the ODF *OPTIONS record and restart Sterling Connect:Enterprise.
CMB2114W – C:E FTP DEFAULT VALUES WILL BE USED FOR FTP. NO FTP OPTIONS SPECIFIED.	No FTP values were found in the ODF. The default values will be used.	Review the default values.
CMB2115E – C:E /TCPS TASK/THREAD xxxxxxxx HAS TERMINATED WITH COMPLETION CODE=nnnn.	The indicated TCP Task/Thread terminated with completion code'nnnn'. It will not be restarted until Sterling Connect:Enterprise FTP is stopped and restarted.	See Chapter 11, <i>FTP Completion Codes</i> for a description of completion codes.
CMB2117E – C:E SSL_TIMEOUT VALUE INVALID	The value of the ODF *OPTIONS SSL_TIMEOUT parameter must be between 0-86400 seconds (1 day).	Correct the SSL_TIMEOUT parameter value and restart Sterling Connect:Enterprise.
CMB2118E – C:E FTP_CONNECT_INTERVAL INVALID	The value specified for FTP_CONNECT_INTERVAL in the ODF is not within the allowable range.	Correct the ODF value.
CMB2119E – C:E SSL REQUIRES CERTIFICATE, KEY DATABASE AND PASSWORD TO BE SPECIFIED.	You must specify the SSL_SERVER_CERT, SSL_KEY_DBASE, and SSL_KEY_DBASE_PW parameters in the ODF *OPTIONS record to use SSL. SSL is not enabled.	Review the ODF *OPTIONS record to determine the missing parameter. Supply the missing parameter and restart Sterling Connect:Enterprise.  See the <i>IBM Sterling Connect:Enterprise for z/OS Installation Guide</i> for more information about these parameters.
CMB2120I – C:E /TCPS TCP/IP LISTENER HAS TERMINATED.	The FTP Listener task successfully terminated.	None required.
CMB2121I – C:E /TCPS TCP/IP C ENVIRONMENT MANAGER TASK HAS TERMINATED.	The C Environment task terminated and removed the IBM C environment from the Sterling Connect:Enterprise address space.	None required.
CMB2122I -C:E Connect:Enterprise/TCP THREAD xxxxxxx HAS RESTARTED.	TCP/IP thread xxxxxxxx was restarted following a thread abnormal termination.	None required.

Message	Description	Action
CMB2123I – C:E /TCPS THE TCP/IP FEATURE HAS TERMINATED WITH COMPLETION CODE=nnnn.	The TCP feature and its session threads and system tasks terminated. The completion code applies to the TCP scheduler and system tasks.	See Chapter 11, <i>FTP Completion Codes</i> for an explanation of the code.
CMB2124I – C:E /TCPS ALL TCP/IP FTP SESSION THREADS HAVE TERMINATED.	All FTP session processing threads stopped. The TCP feature will not stop until all threads have stopped.	None required.
CMB2125I – C:E /TCPS FTP END-OF-BATCH SHUTDOWN IN PROGRESS.	An End-Of-Batch (EOB) FTP stop was requested. The transmission and collection of current batches will complete, then the FTP session and thread will stop.	None required.
CMB2126I – C:E /TCPS FTP IMMEDIATE SHUTDOWN IN PROGRESS.	An Immediate (I) FTP stop was requested. The transmission and collection of current batches will terminate and the FTP session and thread will stop.	None required.
CMB2127I – C:E /TCPS FTP FORCED SHUTDOWN IN PROGRESS.	A Forced (F) FTP stop was requested. All active FTP threads will be abnormally terminated. A dump will be taken of each thread's storage stack.	None required.
CMB2128I – C:E /TCPS FTP CLIENT OR SERVER SESSION STARTED ON THREAD=xxxxxxx.	An FTP client has connected to an FTP server thread in the Sterling Connect:Enterprise system, or an Sterling Connect:Enterprise FTP client has connected to an FTP server. The thread name is identified by the THREAD=parameter.	None required.
CMB2129I – C:E /TCPS FTP CLIENT OR SERVER SESSION END ON THREAD=xxxxxxx, RMT=xxxxxxx, CC=nnnn.'	An FTP server session with an FTP client has completed or a client session with an FTP server has completed. CC= describes the reason for the session terminating. See Chapter 11, <i>FTP Completion Codes</i> for descriptions of the completion codes.	None required.
CMB2130I – C:E /TCPL CONNECT REQUEST REJECTED DUE TO NO AVAILABLE THREADS.	An FTP client attempted to connect to an Sterling Connect:Enterprise server thread when all active threads were currently in session with an FTP client. This should be a temporary condition.	If this message continues to be displayed increase the number of FTP server threads in the ODF and restart Sterling Connect:Enterprise.
CMB2131I – C:E /TCPL CONNECT REQUEST REJECTED. TCP/IP SHUTDOWN IN PROGRESS.	An FTP client attempted to connect to an Sterling Connect:Enterprise server thread while the TCP feature is being stopped. The request is rejected.	None required.

Message	Description	Action
CMB2132E – C:E /TCPL TCP/IP FTP LISTENER TASK TERMINATING. LISTENER PORT UNAVAILABLE.	The FTP Listener task encountered an error attempting to BIND to the port number specified for FTP_SERVER_CONTROL_PORT in the ODF. Sterling Connect:Enterprise FTP will terminate.	Verify that the port number is valid.
CMB2133I - C:E /TCPS FTP CLIENT LOGGED IN ON THREAD=xxxxxxx , RMT=xxxxxxx.	An FTP client has successfully logged in to the Sterling Connect:Enterprise FTP server application. xxxxxxx is the TCP thread.	None required.
CMB2134W – C:E TCPS APPC POOL SIZE MAY BE TOO SMALL (line 1) FOR THE NUMBER OF FTP SERVERS. THE MINIMUM (line 2) RECOMMENDED VALUE FOR CURRENT SETTINGS IS nnnn. (line 3)	The parameters affecting the size of the specified pool cause the system to expect the size should be nnnn of 4-KB pages, but the ODF specifies a value that is smaller. <b>Note:</b> This is a multi-line console message with the breaks shown in the Message column.	None required. The system continues with normal startup. However if problems occur, consider increasing the pool size parameter for the specified pool to the recommended size or larger. See the <i>IBM Sterling Connect:Enterprise for z/OS Administration Guide</i> for more information on the ODF parameter, APPCPLSZ.  If necessary, change your automation package to properly identify CMB2134W as a multi-line message.
CMB2135I - C:E TCP/IP AUTO CONNECT MANAGER INITIALIZATION COMPLETE	The Auto Connect Manager has been initialized.	None required.
CMB2136I - C:E TCP/IP AUTO CONNECT MANAGER HAS TERMINATED.	The Auto Connect Manager session is ended.	None required.
CMB2137W - C:E \$\$CONNECT FOR FTP AUTOCLIENT CANNOT BE PROCESSED, AUTOCONNECT MANAGER NOT ACTIVE.	The connection cannot be made. The Auto Connect Manager must be started first.	Start the Auto Connect Manager and retry.
CMB2138I - C:E AUTO CONNECT MANAGER PROCESSING STOPPED.	The Auto Connect Manager session is ended.	None required.
CMB2139E - C:E/TCP SDUMP FAILED FOR THREAD=xxxxxxx. RC=xxxxxxx, RSN=xxxxxxx.	An abnormal thread term occurred and the SDUMP failed.	Find the description of the reason code and return code in the IBM documentation and take the recommended action.



Message	Description	Action
CMB2142I – C:E xxxxxxxx SECURITY INITIALIZED.	Specifies if just SSL or both SSL/TLS FTP Security is in use. If SSL=YES is specified and running on a z/OS 1.2 or later system, both SSL/TLS are available. Otherwise only SSL is available.	None required.
CMB2173E - C:E/TCP FTP CLIENT SESSION TERMINATED ON tttttt DUE TO SCRIPT 'aaaaaaaa' RC=nnnn.	A processing error condition was encountered during FTP client connection session. The error message/return code combination ('aaaaaaaa' nnnn) forms a unique message requiring action.	The actions for 'aaaaaaaa' nnnn are as follows: 'NotFnd' 0020 = add the Exec to the SYSEXEC concatenation. 'NotFnd' 0024 = add a SYSEXEC DD to Sterling Connect:Enterprise main task JCL. 'Syntax' nnnn = correct the Exec instruction flagged by REXX error message IRXnnnnl (IBM error codes). 'Timeout' 0012 = increase the SCRIPT_INTERVAL_TIME or correct the Exec. 'Timeout' 0020 = increase the SCRIPT_INTERVAL_TIME or correct the Exec. 'UserErr' nnnn = correct the Exec.
CMB2174E – C:E TCP THREAD TERMINATION ERROR DETECTED ON aaaaaaaaa BY bbbbbbbb ERROR CODE=nnnn.	A processing error condition was encountered on thread aaaaaaaaa by module bbbbbbbb. The thread will be abnormally terminated and a dump will be produced. The thread is unavailable until FTP is restarted.	Find the description of the error code in Chapter 11, <i>FTP Completion Codes</i> and take the recommended action.
CMB2175E – C:E TCP SESSION TERMINATION ERROR DETECTED ON aaaaaaaaa BY bbbbbbbb ERROR CODE=nnnn.	A processing error condition was encountered on thread aaaaaaaaa by module bbbbbbbb. The session is immediately terminated.	Find the description of the error code in Chapter 11, <i>FTP Completion Codes</i> and take the recommended action.
CMB2176E – C:E /TCP STIMERM aaaaaa REQUEST ON THREAD bbbbbbbb FAILED WITH RC=nnnn.	A STIMERM macro error condition was encountered on thread aaaaaaaaa by module bbbbbbbb. The session continues to process FTP commands.	Find the description of the return code in the IBM documentation.
CMB2177E – C:E /TCP aaaaaa NAME bbbbbbbb SPECIFIED IN \$\$STOP COMMAND NOT ccccc.	A \$\$STOP command for remote/thread aaaaaa, name bbbbbbbb could not be processed because the name was not active/found.	Re-enter the command using a valid name.

Message	Description	Action
CMB2178E – C:E /TCP THREAD aaaaaaaa FAILED DURING DATA PORT INITIALIZATION.	A TCP/IP error was encountered during data connection initialization while processing an FTP data transfer command. The error occurred on thread 'aaaaaaaa'.	The FTP session is terminated. This message will be preceded by message CMB2181E defining the error.
CMB2179E – C:E /TCP THREAD aaaaaaaa FAILED DURING CONTROL PORT INITIALIZATION.	A TCP/IP error was encountered during control connection initialization while initializing an FTP session command. The error occurred on thread 'aaaaaaaa'.	The FTP session is terminated. This message will be preceded by message CMB2181E defining the error.
CMB2180E – C:E /TCP TCP/IP STATE ERROR DETECTED IN aaaaaaa. EXPECTED=bbbbbb, ACTUAL=cccccc.	Thread 'aaaaaaaa' found a TCP/IP connection in an invalid state. Expected state was 'bb bb bb'; the actual state was 'cccccc'.	The FTP session is terminated.
CMB2181E – C:E /TCP TCP/IP REQUEST aaaaaaa FAILED WITH RC=bbbb, RS=cccc.	A TCP/IP request identified by 'aaaaaaaa' failed due to return code RC=bbbb and reason code RS=cccc	The definition of the return and reason codes can be found in <i>z/OS UNIX System Services Messages and Codes (SA22-7807-08)</i> .
CMB2182E – C:E /TCPS INVALID SESSION STATUS NOTIFY REQUEST RECEIVED FROM aaaaaaaa, STATUS=bb.	An invalid thread status notify element was sent to the TCP scheduler by thread 'aaaaaaaa'. The invalid status was 'bb'.	The session is terminated. Contact IBM Customer Support.
CMB2183E – C:E /TCPS TERM CLIENT FAILED FOR PARM= aaaaaaaa/RC=bbbb DURING TCP/IP THREAD TERMINATION.	A call made to BT services during thread termination failed. 'aaaaaaaa' is the request and 'bbbb' the return code.	The thread is terminated. Contact IBM Customer Support.
CMB2184E – C:E /FTPS SESSION THREAD CANNOT INITIALIZE. RULES AGENTS NOT ACTIVE.	FTP session initialization failed because EOB or Log rules processing was requested but the agents are not active.	Check the system log to determine the cause of the rules agent failures.
CMB2185E – C:E /FTPS ERROR RETURNED FROM aaaaaaa, RC= bbbb. SESSION THREAD ccccccc IS TERMINATING.	A call made to BT services during FTP thread initialization failed. 'aaaaaaaa' identifies the call function, 'bbbb' is the return code, 'cccccc' is the thread name.	Capture the error documentation and call IBM Customer Service.
CMB2186E – C:E /TCPS ERROR RETURNED LOADING aaaaaaa. COMPLETION CODE=bbbb, REASON CODE=cccc.	A load error occurred during FTP initialization. 'aaaaaaaa' identifies the module, 'bbbb' the return/completion code and 'cccc' the reason code from LOAD.	Find the description of the error code in Chapter 11, <i>FTP Completion Codes</i> and correct.
CMB2187E – C:E /TCPS Q ELEMENT READ BY aaaaaaa CONTAINED AN INVALID TTMCB ADDRESS.	A request queue error occurred on thread 'aaaaaaaa'. The thread is abnormally terminated with a dump.	Capture the dump and system log and call IBM Customer Support.

Message	Description	Action
CMB2188E – C:E /TCPS REQUEST READ BY aaaaaaaaa CONTAINED AN INVALID RESPONSE FIELD, FIELD=bb.	A request queue element was read from thread 'aaaaaaaa' that contained an invalid response field 'bb'. The thread is abnormally terminated.	Capture the dump and system log and call IBM Customer Service.
CMB2189E – C:E /TCPS aaaaaaaaa READ AN INVALID REQUEST ELEMENT. REQUEST TYPE=bb.	A request queue element was read from thread 'aaaaaaaa' that contained an invalid request field 'bb'. The thread is abnormally terminated.	Capture the dump and system log and call IBM Customer Service.
CMB2190E – C:E /TCPS TCP/IP COMMAND CANNOT BE PROCESSED. THE TCP/IP FEATURE IS NOT ACTIVE.	A TCP feature command was entered when the TCP feature was not active.	None required.
CMB2191E – C:E /TCPS MODULE aaaaaaaaa CANNOT PROCEED. THE TSWA IS NOT ALLOCATED.	The TCP feature did not successfully initialize. 'aaaaaaaa' detected the error.	Shutdown Sterling Connect:Enterprise and restart.
CMB2192E – C:E /TCPS QUEUE WRITE TO THREAD aaaaaaaaa BY bbbbbbbb FAILED WITH RETURN CODE=cccc.	A request queue element write to thread 'aaaaaaaa' by thread 'bbbbbbbb' failed. 'cccc' is the return code from STITCW00. The thread is abnormally terminated.	Capture the dump and system log and call IBM Customer Service.
CMB2193E – C:E /TCPS REQUEST QUEUE READ BY THREAD aaaaaaaaa FAILED WITH RETURN CODE=cccc.	A request queue element read by thread 'aaaaaaaa' failed. 'cccc' is the return code from STITCR00. The thread is abnormally terminated.	Capture the dump and system log and call IBM Customer Service.
CMB2194E – C:E /TCPS INITIALIZATION OF THREAD aaaaaaaaa FAILED, COMPLETION CODE=cccc.	Initialization of FTP thread 'aaaaaaaa' failed. 'cccc' is the completion code. The thread is abnormally terminated.	Find the description of the error code in Chapter 11, <i>FTP Completion Codes</i> and take the recommended action.
CMB2195E C:E /TCPS TCP/IP CANNOT BE INITIALIZED, aaaaaaaaa IS NOT APF AUTHORIZED.	Initialization of the TCP feature cannot complete. Module 'aaaaaaaa' must be APF authorized.	Verify APF authorization of the Sterling Connect:Enterprise load library and the job and step load library concatenations.
CMB2196E – C:E /TCPS TCP/IP INITIALIZATION CANNOT CONTINUE. STORAGE OBTAIN FOR THE TSWA FAILED, RC=nnnn.	Initialization of the TCP feature cannot complete. There is not enough dynamic storage for system control blocks.	Increase virtual storage availability for Sterling Connect:Enterprise. The storage can be above 16 megabytes.
CMB2197E – C:E TCP/IP SCHEDULER TERMINATED DURING INITIALIZATION WITH COMPLETION CODE=nnnn.	Initialization of the TCP feature cannot complete due to error defined by completion code 'nnnn'.	Find the description of the error code in Chapter 11, <i>FTP Completion Codes</i> and take the recommended action.
CMB2198E – C:E /TCPS ATTACH FAILED FOR TASK aaaaaaaaa, RC=nnnn.	A z/OS attach request failed for task 'aaaaaaaa'. Initialization cannot complete.	Refer to z/OS System Messages and Codes for a definition of the attach failure.

Message	Description	Action
CMB2199E – C:E /TCPS TCP/IP FEATURE INITIALIZATION FAILED RETC=aaaa, RSNC=bbbb. FTP NOT AVAILABLE.	The FTP feature cannot be used because the TCP feature failed to initialize.	Refer to the system log to find additional messages that define the cause of the failure.
CMB2200E – C:E /TCP REQ=aaaaaaaa RC=bbbb RS=ccccccccccccccccccccccc.	This message explains SSL processing errors.'aaaaaaaa' is the SSL request issued,'bbbb' is the return code from the request and 'ccccccc' is a text description of the reason code.	This message will be followed by a message from the FTP processing module that received the SSL error return code. It will describe the effect on the FTP session processing.
CMB2212I – C:E SSL STEPUP HANDSHAKE ENCOUNTERED FOR THREAD xxxxxxxx	The FTP Client in this session is honoring a stepup handshake but is not supported by the FTP Server.	Call IBM Customer Support.
CMB2340W - C:E ppppppppppppppppppp PARAMETER IS INVALID. VALID VALUES ARE: vvvvvvvv.	The ODF *OPTIONS parameter ppppppppppppppppppp specifies an invalid value. Valid values are listed in vvvvvvvv. This message is immediately followed by CMB2341I.	Change the indicated parameter to specify a valid value and restart Sterling Connect:Enterprise.
CMB2341I - C:E ppppppppppppppppppp WILL BE SET TO THE DEFAULT VALUE dddddd.	The ODF *OPTIONS parameter ppppppppppppppppppp specifies an invalid value. The default value will be used for this startup. This message is immediately preceded by CMB2340W.	None required.
CMB2342E – C:E SSL REQUIRES KEYDATABASE PARAMETERS OR KEYRING PARAMETERS BUT NOT BOTH.	SSL certificates can be stored either in a Gskkyman Key Database or RACF key ring. When stored in a Gskkyman Key Database, you must use the ODF *OPTIONS parameters, SSL_KEY_DBASE='gskkyman key database name' and SSL_KEY_DBASE_PW='gskkyman key database password', to define the certificate. When stored in a RACF key ring, you must use the ODF *OPTIONS parameters, SSL_KEYRING_NAME='RACF Key Ring Name' and SSL_KEYRING_LABEL='RACF Key Ring Label' to define the certificate. You cannot use both Gskkyman Key Database and RACF key ring ODF parameters.	Specify a certificate in the ODF *OPTIONS section by either SSL_KEY_DBASE= SSL_KEY_DBASE_PW= or SSL_KEYRING_NAME= SSL_KEYRING_LABEL= and restart Sterling Connect:Enterprise.

Message	Description	Action
CMB2343E – C:E SSL REQUIRES BOTH KEYSRING NAME AND KEYSRING LABEL TO BE SPECIFIED.	SSL certificates can be stored either in a Gskkyman Key Database or RACF key ring. When stored in a Gskkyman Key Database, you must use the ODF *OPTIONS parameters, SSL_KEY_DBASE='gskkyman key database name' and SSL_KEY_DBASE_PW='gskkyman key database password', to define the certificate. When stored in a RACF key ring, you must use the ODF *OPTIONS parameters, SSL_KEYRING_NAME='RACF Key Ring Name' and SSL_KEYRING_LABEL='RACF Key Ring Label', to define the certificate. To specify a certificate stored in a RACF key ring, both SSL_KEYRING_NAME= and SSL_KEYRING_LABEL= must be specified.	Specify both parameters SSL_KEYRING_NAME= SSL_KEYRING_LABEL= in the ODF *OPTIONS section and restart Sterling Connect:Enterprise.
CMB2344E - ERROR: FTP=YES REQUIRES APPC=YES.	If FTP=YES is coded in the *OPTIONS record of the ODF, APPC=YES is required.	Modify ODF to set APPC=YES and APPCAPPL=xxxxxxx and restart Sterling Connect:Enterprise. (APPC=YES requires APPCAPPL=).
CMB2345E - C:E START FTP LISTENER FAILED DUE TO INVALID HOST NAME IN FTP_SERVER_CONTROL_PORT ODF PARAMETER.	The host name specified in the *OPTION ODF parameter "FTP_SERVER_CONTROL_PORT='hostname',port" is not valid. That is, gethostbyname(hostname) fails. The FTP Listener is not active and no FTP Server activity is possible.	Change FTP_SERVER_CONTROL_PORT='hostname', port to a valid host name and restart Sterling Connect:Enterprise.

Message	Description	Action
CMB2346E - C:E SSL REQUIRES KEY DATABASE OR KEYSRING	SSL certificates can be stored either in a Gskkyman key database or RACF key ring. When stored in a Gskkyman key database, you must use the ODF *OPTIONS parameters SSL_KEY_DBASE='gskkyman key database name' and SSL_KEY_DBASE_PW='gskkyman key database password' to define the certificate. When stored in a RACF key ring, you must use the ODF *OPTIONS parameters SSL_KEYRING_NAME='RACF Key Ring Name' and SSL_KEYRING_LABEL='RACF Key Ring Label' to define the certificate. If SSL=YES is specified, either the Gskkyman Key Database or the RACF key ring ODF parameters must be specified in the ODF *OPTIONS section.	Specify a certificate in the ODF *OPTIONS section or specify SSL=NO in ODF *OPTIONS section and restart Sterling Connect:Enterprise.
CMB2347I C:E TCPS SKIPPED xxxxxx THREAD xxxxxxxx.	An FTP Server thread was flagged not busy, but the scheduler has not been notified that it has ended. The thread is either LOCKED or INUSE. It will not be used until the thread notifies the scheduler and the Listener that it is done.	None.
CMB2348E - C:E COMMAND TABLE ERROR. SEE SNAP DATA.	STMBXPRR was called but the current command table entry has a SRB with a zero address.	Contact IBM Support.
CMB2349I - WARNING Certificate will EXPIRE mm/dd/yyyy-hh:mm:ss (1) [certificate name - 1st 59 bytes] (2) [certificate name - 2nd 59 bytes] (3) [certificate name - 3rd 59 bytes] (4) [certificate name - 4th 59 bytes] (5) [certificate name - last 20 bytes] (6)	The certificate will expire within the number of days specified by the ODF SSL_CHECK_CERT_EXPIRE_WARN_DAYS=nnn parameter. The certificate name is displayed on lines 2–6.  This is a variable multi-line message (indicated by 1–6 shown in the Message column), meaning that any trailing blank lines are not displayed. For example, if the certificate name is 74 characters, then only lines 1-3 will be written to the console.	Take steps as necessary, to update/renew the certificate.

Message	Description	Action
CMB2350I - WARNING Certificate has EXPIRED mm/dd/yyyy-hh:mm:ss (1) [certificate name - 1st 59 bytes] (2) [certificate name - 2nd 59 bytes] (3) [certificate name - 3rd 59 bytes] (4) [certificate name - 4th 59 bytes] (5) [certificate name - last 20 bytes] (6)	The certificate has expired. The certificate name is displayed on lines 2–6.  This is a variable multi-line message (indicated by 1–6 in the Message column), meaning that any trailing blank lines are not displayed. For example, if the certificate name is 74 characters, then only lines 1-3 will be written to the console.	Take steps as necessary, to update/renew the certificate.
CMB2351I - STATUS of ALL Connect:Enterprise CERTIFICATES:	A \$\$LIST CERT,ALL operator command was entered on the console. This message precedes one or more subsequent CMB2353I messages, which list each certificate in the key data base or key ring specified by the ODF parameter SSL_KEY_DBASE or SSL_KEYRING.	None
CMB2352I - STATUS of Connect:Enterprise SERVER CERTIFICATE:	A \$\$LIST CERT,SERVER operator command was entered on the console. This message precedes a subsequent CMB2353I message, which lists the server certificate specified by the ODF SSL_SERVER_CERT parameter.	None
CMB2353I - Certificate xxxxxxxx mm/dd/yyyy-hh:mm:ss (1) [certificate name - 1st 59 bytes] (2) [certificate name - 2nd 59 bytes] (3) [certificate name - 3rd 59 bytes] (4) [certificate name - 4th 59 bytes] (5) [certificate name - last 20 bytes] (6)	This is displayed in response to a \$\$LIST CERT operator command, listing certificate status, begin/end dates, and label name.  where: xxxxxxx = 'Valid'   'Warning'   'Expired'  depending on whether the certificate is still valid, about to expire, or has already expired  This is a variable multi-line message (indicated by 1–6 in the Message column), meaning that any trailing blank lines are not displayed. For example, if the certificate label name is 74 characters, then only lines 1-3 will be written to the console.	Take steps as necessary to update/renew the certificate.

Message	Description	Action
CMB2354I - \$\$LIST CERT[,SERVER ALL] CANNOT BE PROCESSED, (1) DUE TO ONE OF THE FOLLOWING CONDITIONS: (2) +FTP=YES/SSL=YES IS NOT CONFIGURED IN THE ODF (3) +SSL_SERVER_CERT IS NOT CONFIGURED IN THE ODF (4) +TCP SCHEDULER IS UNAVAILABLE DUE TO \$\$STOP FTP (5) +\$\$SHUTDOWN IS IN-PROGRESS (6)	A \$\$LIST CERT[,SERVER ALL] console command was entered, but cannot be processed, due to the reason listed in the message.  This is a multi-line message(indicated by 1–6 in the Message column.	None
CMB2360I - C:E APPC EVENT-LIST SLOTS REQUESTED:nnn AND PRIME NUMBER ALLOCATED:nnn	Information only message issued at startup time to report the number of APPC Event List slots allocated.	None
CMB2402# – Excessive parameter length.	The parameter value is longer than allowed.	Correct the parameter value.
CMB2403E – String contains no value.	A value is missing from a required parameter.	Insert missing value.
CMB2404E – Port nnnnn is greater than nnnnn.	The lowest port number in the range is greater than the highest.	Verify correct port range or ranges.
CMB2405E – Port nnnnn is less than low bound.	The port number specified is lower than the lowest number in the port range.	Verify correct port range or ranges.
CMB2406E – Port nnnnn is greater than high bound.	The port number specified is larger than the highest number in the port range.	Verify correct port range or ranges.
CMB2407E – Number format error on nnnnn.	The port number is not specified in the correct port_range format 'nnnnn-nnnnn'	Verify correct port range or ranges.



# Offline Utility User Error Messages

This chapter contains the Sterling Connect:Enterprise for z/OS Offline Utility User Error messages that are included on the SYSPRINT output.

You can customize the return codes associated with certain messages which are generated during processing by altering entries in the STUTAUMT table (for more information, refer to *User Message Tables* in the *IBM Sterling Connect:Enterprise for z/OS User's Guide*).

## Offline Utility User Error Messages (CMUxxxx)

This section describes all messages that begin with the **CMUxxxx** identifier.

Message	Description	Action
CMU001T - Init_Client failed for VSAM Message Server xxxx RC=nnnn	Return Code Value: 16 The offline utility cannot communicate with the VSAM file server.	Ensure the VSAM file server ID specified on the PARM parameter of the EXEC statement is correct and the VSAM file server with that ID is running. Then, resubmit the offline utility.
CMU002T - No valid control cards found on SYSIN, utility terminated	Return Code Value: 16 The offline utility could not find any valid input control cards.	Make sure the //SYSIN dd file is allocated in the JCL. Make sure the control cards are correct and in the proper order according to syntax rules. Then, resubmit the offline utility.
CMU003W - Open failed for REPORTS file, SYSPRINT will be used instead	Return Code Value: 4 The REPORTS DD statement was not coded in the offline utility JCL. All output destined for this DD statement will be rerouted to the SYSPRINT DD statement. Processing will continue.	To avoid receiving this message, include the REPORTS DD statement in all offline utility job streams.
CMU004E - Unidentified utility name - xxxxxxxx	Return Code Value: 8 The SYSIN control specifies an unknown utility name.	Ensure the control is coded properly and resubmit the offline utility.

Message	Description	Action
CMU005S - VPF= is required	Return Code Value: 12 The VPF is a required parameter for this utility.	Include a properly coded VPF control card and resubmit the offline utility.
CMU006E - The above control card is invalid	Return Code Value: 8 The previously coded control card has a misspelled parameter or a parameter not valid for this utility.	Correct the control card error and resubmit the offline utility.
CMU007S - VSAM xxx macro failed for xxx	Return Code Value: 12 A VSAM data set allocation error or VSAM service error occurred. The error text indicates the data set in error and the failure reason.	Take corrective action, based on the information provided and resubmit the offline utility.  If you need more information, review the SYSLOG messages for the VSAM file server used for this offline utility. Specific return or reason codes may also be included in the message text. These return/reason codes come from dynamic allocation, VSAM, or the VSAM file server. See Chapter 13, <i>Internal Sterling Connect:Enterprise Services Return Code Values</i> for return code values and the appropriate IBM documentation for reason code values.
CMU008S - GETDIR failed for VCF, Batch Number xxxxxxxx RC=nnn RSN=nnnn	Return Code Value: 12 A VSAM GET has failed for the VCF data set. VSAM file is indicated. The return and reason codes are displayed.	Look up the return code (RC) in Chapter 13, <i>Internal Sterling Connect:Enterprise Services Return Code Values</i> . Also review the SYSLOG from the VSAM File Server, and the system console log for any associated error messages. Consult the appropriate documentation for further information about the reason code to diagnose the problem. Take corrective action based on the information provided and resubmit the offline utility.
CMU009E - Invalid value for xxxxxxxxxxxxxxxxxxxxxx	Return Code Value: 8 The value specified for the named parameter is invalid.	Correct the coding error and resubmit the offline utility.
CMU010E - Previously coded parameter xxxxxxxxxxxxxxxxxxxxxx	Return Code Value: 8 The named parameter has already been coded for this utility.	Remove this control card or the previously coded control card, and resubmit the offline utility.

Message	Description	Action
CMU011S - Error, VPF data set name cannot be changed—Execution terminated	Return Code Value: 12 The data set name in the VPF parameter is different from the data set name in previously coded VPF parameters. The VPF data set name must be the same for offline utilities executed in a single job step.	Alter the VPF control so that is the same as all other VPF control cards, or execute this utility in a separate job step.
CMU012W - Warning, No batches were selected	Return Code Value: 4 No batches met the specified selection criteria. This might not be a problem.	Alter you control cards to select batches for processing, or ignore this message.
CMU013I - Utility completed, highest Return Codes are, this utility nnn, this execution nnn	Return Code Value: 0 The return code for this utility is displayed along with the highest return code for this and any previously executed utility.	None required.
CMU014E - Invalid TOTIME=/FROMTIME= values	Return Code Value: 8 The TOTIME parameter value is less than the FROMTIME parameter value.	Correct the TOTIME=/FROMTIME values and resubmit this offline utility.
CMU015E - Invalid date and time ranges specified	Return Code Value: 8 The TODATE parameter value is less than the FROMDATE parameter value or the absolute start date/time is greater than the absolute end date/time range.	Correct the TODATE=/TOTIME=/FROMDATE=/FROMTIME values and resubmit this offline utility.
CMU016E - Invalid TODATE=/FROMDATE= values	Return Code Value: 8 The TODATE parameter value is less than the FROMDATE parameter value.	Correct the TODATE=/FROMDATE values and resubmit this offline utility.
CMU017E - No valid control cards found for utility xxxxxxxx	Return Code Value: 8 Either required parameters are missing or no valid parameters were coded for the named utility.	Specify the required parameters for the utility and correct any improperly coded parameters, and resubmit the offline utility.
CMU018E - Required parameter TYPE= was not specified	Return Code Value: 8 TYPE is a required parameter for this utility.	Specify the TYPE parameter and resubmit the offline utility.
CMU019E - Required parameter LOGNAME= was not specified	Return Code Value: 8 LOGNAME is a required parameter for this utility.	Specify the LOGNAME parameter and resubmit the offline utility.
CMU020I - xxxxxxxxxxxx parameter ignored for this report	Return Code Value: 0 The previously listed parameter is not used for this utility and is being ignored. Processing continues.	Remove the control card or ignore the message.

Message	Description	Action
CMU021W - Warning, Run ERASE ASAP, xxx percent of the batch numbers have been used.	Return Code Value: 4 The number of available batch numbers has reached the specified percentage value. You might be in danger of running out of batch numbers soon.	Run the ERASE utility to physically delete unwanted batch data and reclaim batch numbers.
CMU022E - Open failed for ddname - xxxxxxxx	Return Code Value: 8 An open error occurred for the specified DD name for a non-VSAM data set. Additional information might be included in the jobs SYSLOG or SYSTERM output.	Correct the cause of the open failure and resubmit the offline utility.
CMU023E - Error obtaining storage for nnnnnnnn records	Return Code Value: 8 Not enough region has been allocated to this utility for correct processing.	Increase the REGION value on the EXEC JCL for this utility.
CMU024W - Error closing file xxx.xxx xxx.xxx RC=nnn RSN=nnn EC=nnn	Return Code Value: 4 A close error occurred for the specified data set. Additional information might be included in the jobs SYSLOG or SYSTERM output. The TC, RSN, EC meaning will depend on the system service reporting the problem. For DYNALLOC macro failures the RC will be set to 0252, RSN will be the return value issued by the DYNALLOC service call, and EC will be the S99ERROR and S99INFO data merged together. For VSAM CLOSE macro failures the RC will be set to 0205, RSN will be the return value issued by the CLOSE service call, and EC will be the ACFERFLG data field.	Correct the cause of the CLOSE or DYNALLOC failure and resubmit the offline utility as required.
CMU025E - At least one batch selection parameter must be specified to execute this utility	Return Code Value: 8 To execute this utility, at least one selection parameter, besides the required parameters, must be coded. This prevents the erroneous omission of all selection criteria, which would otherwise result in all batches being acted upon (i.e., all batches being DELETED, ERASEd, MOVEd, STATFLG changed).	Include a valid selection parameter and resubmit the offline utility. If your intent is to really act upon all eligible batches in the repository, specify any general selection parameter. For example, TODATE=000 would select all batches through today's date.

Message	Description	Action
CMU026E - Either ONFLAGS= or OFFFLAGS= must be specified to execute this utility	Return Code Value: 8 One of the two named parameters must be specified to execute this utility.	Include one of the named parameters and resubmit the offline utility.
CMU027E - LOGNAME= is required	Return Code Value: 8 LOGNAME is a required parameter for this utility.	Specify the LOGNAME parameter and resubmit the offline utility.
CMU028W - Warning, No log records selected	Return Code Value: 4 No log records met the specified selection criteria. This might not be a problem.	Alter your control cards to select log records for processing and resubmit the utility, or ignore this message.
CMU029E - ID= must be specified when OPTION=ALLFORCONN is specified	Return Code Value: 8 ID is required when OPTION=ALLFORCONN is specified.	Specify ID or remove OPTION=ALLFORCONN and resubmit the utility.
CMU030I - Only ID= parameter will be checked when OPTION=ALLFORCONN is specified	Return Code Value: 0 When OPTION=ALLFORCONN is specified, only ID is needed. All other parameters are ignored.	Remove other control cards and resubmit the offline utility, or ignore this parameter.
CMU031E - Generic ID= parameter is not allowed for ADD utility	Return Code Value: 8 The ADD utility will only allow a specific ID parameter value.	Change the ID parameter value so that it is a specific name and resubmit the offline utility.
CMU032E - Generic or numeric BATCHID= parameter is not allowed for the ADD utility	Return Code Value: 8 The ADD utility will only allow a specific BATCHID parameter value.	Change the BATCHID parameter value so that it is a specific name and resubmit the offline utility,
CMU033E - Error closing file xxxxxxxx	Return Code Value: 8 A close error occurred for the specified DD name for a non-VSAM data set. Additional information might be included in the jobs SYSLOG or SYSTEM output.	Correct the cause of the close failure. Review the contents of the non-VSAM data set to see if the data is worth saving, and resubmit the offline utility.
CMU034E - VBQnn not defined to this VPF with PURGE	Return Code Value: 8 A VBQ parameter value has been specified and the VBQ has not been defined to Sterling Connect:Enterprise.	Alter the VBQ parameter to specify a VBQ that is defined to Sterling Connect:Enterprise or define the VBQ with the PURGE utility and resubmit the offline utility.
CMU035E - ID= must be specified if BATCHID= is specified	Return Code Value: 8 You must specify ID when BATCHID specified.	Include an ID control card and resubmit the offline utility.
CMU036E - Error allocating storage for ADD function	Return Code Value: 8 Not enough region has been allocated to this utility for correct processing.	Increase the REGION value on the EXEC JCL for this utility.

Message	Description	Action
CMU037E - No data in input file	Return Code Value: 8 The specified input file has no data records.	Put data records into the input file so they can be processed or allocate a different input file, and resubmit the offline utility.
CMU038E - \$TURNLINE\$ card not permitted as first data record	Return Code Value: 8 The first data record in the input file is a \$TURNLINE\$ control card. This is not permitted.	Remove the \$TURNLINE\$ control card from the input file and resubmit the offline utility.
CMU039E - ID= must be specified if SPLITCOUNT= is specified	Return Code Value: 8 When SPLITCOUNT is specified, ID must also be specified.	Include an ID control card and resubmit the offline utility.
CMU040S - New batch cannot be added, no free batch numbers exist	Return Code Value: 12 There are no free batch numbers in the Sterling Connect:Enterprise VSAM files being used.	Use the ERASE utility to remove unwanted batches and reclaim batch numbers. Then resubmit the offline utility.
CMU041E - RECFM "U" not supported for EXTRACT output file	Return Code Value: 8 The output file allocated is defined with a record format "U". This record format is not supported.	Specify another output file with a fixed or variable record format and resubmit the offline utility.
CMU042E - Insufficient storage to run EXTRACT function	Return Code Value: 8 Not enough region has been allocated to this utility for correct processing.	Increase the REGION value on the EXEC JCL for this utility.
CMU043E - Compaction error detected, this EXTRACT bypassed	Return Code Value: 8 The batch data cannot be correctly deblocked because control information appears to be incorrect.	Confirm the batch was correctly compressed when received. If no errors can be found, contact IBM Support. A printed copy of the batch data will be needed to diagnose any problems.
CMU044W - Warning, One or more records have been padded	Return Code Value: 4 The record length of the output file is larger than one or more data records. The short records have been padded to increase their size so they equal that of the output file. The PAD character used is specified by parameter PADCHAR or its default. This might not be an error.	Specify an output file with a smaller record size and resubmit the offline utility or ignore this message.
CMU045W - Warning, One or more records have been truncated	Return Code Value: 4 The record length of the output file is smaller than one or more data records. The large records have been truncated to decrease their size so they equal that of the output file. This might not be an error.	Specify an output file with a larger record size and resubmit the offline utility or ignore this message.

Message	Description	Action
CMU046W - Warning, One or more extracted batches have been extracted again	Return Code Value: 4 One or more selected batches have been extracted before. This might not be an error.	Review the EXTRACT Report to ensure you have extracted the batches you really wanted.
CMU047E - \$\$ADD control record is expected in input data	Return Code Value: 8 The ID and BATCHID parameters were not coded which indicated that \$\$ADD control cards are expected in the input file. One was not found as the first input card.	Either include the ID and BATCHID control cards or include a \$\$ADD control card as the first input file data record and resubmit the offline utility.
CMU048W - Previously coded \$\$ADD parameter xxxxxxxxxxxxxx	Return Code Value: 4 Two or more \$\$ADD control cards were found in the input file and no data records separated them. This is not permitted.	Remove one of the \$\$ADD control cards or separate them with data, and resubmit the offline utility.
CMU049W - Invalid value for \$\$ADD parameter xxxxxxxxxxxxxx	Return Code Value: 4 The named parameter included on the \$\$ADD control card is not valid. It is either misspelled or has an invalid value.	Correct the \$\$ADD parameter value and resubmit the offline utility.
CMU050E - ID= or BATCHID= not specified on \$\$ADD card	Return Code Value: 8 The ID parameter and BATCHID parameter are both required on the \$\$ADD included in the input file. One or both parameters are missing.	Correct the \$\$ADD control card and resubmit the offline utility.
CMU051E - ID= and BATCHID= have not been determined for this batch	Return Code Value: 8 The combination of ADD control card parameters and \$\$ADD control card parameters was such that an ID value and BATCHID value could not be determined.	Ensure the correct coding on the ADD control cards and the \$\$ADD control card (if specified) and resubmit the offline utility.
CMU052W - Generic ID= parameter not allowed on \$\$ADD card	Return Code Value: 4 The ADD utility will only allow a specific ID parameter value on the \$\$ADD control card.	Change the ID parameter value so that it is a specific name and resubmit the offline utility.
CMU053E - Error during data encryption - rc = nn	Return Code Value: 8 A data encryption error has occurred.	Contact IBM Support. You will need to provide a copy of this utility output, a copy on the input data, and the ENCR parameter value to diagnose this problem.

Message	Description	Action
CMU054W - Could not open PRINT data set - Print data will go to OUTFILE	Return Code Value: 4 The PRINT DD JCL statement is missing or not coded properly. A batch being extracted is destined for this DD. Instead, it will included in the output file identified in the OUTFILE parameter.	Correct the JCL coding error and re-extract the batch or ignore this message and use the data now in the other output file.
CMU055E - Error M.A.C verification has failed	Return Code Value: 8 Data decryption has failed. The data has most likely been changed during transmission or the output file attributes are incorrect for this batch.	Verify that the batch was properly transmitted without truncation or padding. Verify that the record size for the OUTFILE is also correct for this batch. Verify that you have supplied the correct decryption key for this batch and resubmit this offline utility.
CMU056E - Error M.A.C record was not detected	Return Code Value: 8 Data decryption has failed. This is most likely caused by using an incorrect decryption key in the DECR parameter.	Verify that the batch was properly transmitted without truncation or padding. Verify that the record size for the OUTFILE is also correct for this batch. Verify that you have supplied the correct decryption key for this batch and resubmit this offline utility.
CMU057E - INIT= is required	Return Code Value: 8 This is a required parameter.	Include a properly coded INIT control card and resubmit the offline utility.
CMU058E - When INIT=ALL is specified, VCF=, VBQ01= and VLF1= must be specified	Return Code Value: 8 VCF=, VBQ01=, and VLF1= are required parameters when INIT=ALL is specified.	Include properly coded VCF=, VBQ01=, and VLF1 control cards and resubmit the offline utility.
CMU059W - MAXBNO= not used when INIT=DATA is specified	Return Code Value: 4 The MAXBNO parameter is not needed when INIT=DATA is specified. Processing will continue.	Remove the MAXBNO control card or ignore the message.
CMU060W - VCF= not used when INIT=DATA is specified	Return Code Value: 4 The VCF parameter is not needed when INIT=DATA is specified. Processing will continue.	Remove the VCF control card or ignore the message.
CMU061W - VBQALLOC= and VLFALLOC= not used when INIT=DATA is specified	Return Code Value: 4 The VBQALLOC and VLFALLOC parameters are not needed when INIT=DATA is specified. Processing will continue.	Remove the VBQALLOC and VLFALLOC control cards or ignore the message.



<b>Message</b>	<b>Description</b>	<b>Action</b>
CMU062E - VBQnn= parameter values must be specified in order	Return Code Value: 8 VBQnn parameters must not be coded in a way to leave an undefined VBQ in the middle of VBQ definitions. Undefined VBQs must always be at the end of the VBQ definition.	Include VBQnn control cards to define VBQs without leaving an undefined VBQ in the middle of the definition, then resubmit the offline utility.
CMU063E - VLFn= parameter values must be specified in order	Return Code Value: 8 VLF2 cannot be coded unless VLF1 has already been defined or is being defined in the utility execution.	Correct the VLFn coding error and resubmit the offline utility.
CMU064E - Error allocating storage for PURGE function	Return Code Value: 8 Not enough region has been allocated to this utility for correct processing.	Increase the REGION value on the EXEC JCL for this utility.
CMU065E - Security violation in xxxxxxxx, utility terminated	Return Code Value: 8 An offline utility security exit has denied the named utility for the user requesting it. Contact your Sterling Connect:Enterprise system administrator for more information.	Resolve the reason for the security error and resubmit the offline utility.
CMU066E - VBQ has already been defined	Return Code Value: 8 A VBQ has already been defined for this number and cannot be changed.	Change the VBQnn parameter to define a different VBQ and resubmit the offline utility.
CMU067E - VLF has already been defined	Return Code Value: 8 A VLF has already been defined for this number and cannot be changed.	Change the VLFn parameter to define a different VLF and resubmit the offline utility.
CMU068E - INIT=DATA requires either VBQnn= or VLFn= or both VCF1P=/VCF1X= be specified	Return Code Value: 8 At least one of the following must be coded when INIT=DATA is specified: VBQnn (initialize VBQnn) VLFn (initialize VLFn) VCF1P=/VCF1X= (initialize VCF alternate index path/cluster)	Include one or both control cards and resubmit the offline utility.
CMU069E - A VBQnn= value has been specified when a lower numbered value does not exist	Return Code Value: 8 VBQnn parameters must not be coded in a way to leave an undefined VBQ in the middle of VBQ definitions. Undefined VBQs must always be at the end of the VBQ definition.	Include VBQnn control cards to define VBQs without leaving an undefined VBQ in the middle of the definition, then resubmit the offline utility.
CMU070E - A VLFn= value has been specified when a lower numbered value does not exist	Return Code Value: 8 VLF2 cannot be coded unless VLF1 has already been defined or is being defined in the utility execution.	Correct the VLFn coding error and resubmit the offline utility.

<b>Message</b>	<b>Description</b>	<b>Action</b>
CMU071E - RDW=NOBUILD not allowed for ADD	Return Code Value: 8 RDW=NOBUILD is only allowed for the extract utility.	Verify the use of the RDW parameter, and change or delete the control, then resubmit the offline utility.
CMU072E - RDW=KEEP not allowed for EXTRACT	Return Code Value: 8 RDW=KEEP is only allowed for the add utility.	Verify the use of the RDW parameter, change or delete the control, and resubmit the offline utility.
CMU073E - VBQALLOC= value greater than the number of VBQ names specified	Return Code Value: 8 The VBQALLOC parameter value must be larger than the number of VBQs being defined.	Reduce the VBQALLOC parameter value and resubmit the offline utility.
CMU074E - VLFALLOC= value greater than the number of VLF names specified	Return Code Value: 8 The VLFALLOC parameter value must be larger than the number of VLFs being defined.	Reduce the VLFALLOC parameter value and resubmit the offline utility.
CMU075E - Logging Error, No log record written for this function	Return Code Value: 8 A current LOG file could not be determined. This is most likely a programming error.	Contact IBM Support. A copy of the first 25 records of the VPF data set and a \$\$LIST FILES console output for online Sterling Connect:Enterprise using the VPF are required to diagnose the problem.
CMU076W - MULTXMIT=YES ignored when TRANSMITONCE=YES is specified	Return Code Value: 4 These parameters are mutually exclusive. Processing continues.	Remove TRANSMITONCE=YES and resubmit the offline utility to correctly process the batch. The earlier batch will need to be marked as deleted with the STATFLG utility. If the status of the batch is correct, ignore this message.
CMU077E - VSAMOAQ= is required	Return Code Value: 8 This parameter must be supplied.	Properly code this parameter and resubmit the offline utility.
CMU078E - VSAMCF= is required	Return Code Value: 8 This parameter must be supplied.	Properly code this parameter and resubmit the offline utility.
CMU079E - VSAMBQ= is required	Return Code Value: 8 This parameter must be supplied.	Properly code this parameter and resubmit the offline utility.
CMU080W - New VSAM files already have batches - batches could be overlaid	Return Code Value: 4 The new VSAM batch files already have batches added. Conversion into these VSAM batch files might cause these batches to be overlaid. This might be what is intended if this is a restart situation during conversion. Processing will continue.	If this is what is intended, ignore this message. If this is not as intended, the batches that are overlaid are lost.

Message	Description	Action
CMU081E - Old VSAM files have greater MAXBNO= value - cannot convert	Return Code Value: 8 Conversion cannot take place unless the MAXBNO value defined with the new VSAM batch files is at least the same as the MAXBNO value of the old VSAM batch files.	Redefine and initialize the new VSAM batch files with a MAXBNO value equal to or greater than the MAXBNO value of the old VSAM batch files.
CMU082W - Number of data blocks converted is greater than control record block count for batch nnnnnnn	Return Code Value: 4 The number of physical batch data blocks read from the old VSAM batch files is greater than the number of blocks indicated for the batch in the VCF. The batch is converted and processing continues. You will receive this message if you specified COUNT=RECORD in the *OPTIONS section of your pre-2.1 ODF.	Review the batch information and determine if the batch is valid. If you have specified COUNT=RECORD in your pre-2.1 ODF, this message can be ignored if upon examination, the batch appears to be valid. Take appropriate action if needed.
CMU083W - No batches converted	Return Code Value: 4 The old VSAM batch files have no batches to convert.	If this true, you can ignore the message. If batches do exist in the old VSAM batch files, contact IBM Support.
CMU084E - Error allocating storage for CONVERT function	Return Code Value: 8 Not enough region has been allocated to this utility for correct processing.	Increase the REGION value on the EXEC JCL for this utility.
CMU085W - Batch nnnnnnn has been overlaid	Return Code Value: 4 During conversion, a batch was copied from the old VSAM batch files to the new VSAM batch files. A batch already existed with the same batch number. The batch on the new VSAM batch files is overlaid with the old batch. This might be what is intended if this is a restart situation during conversion. Processing will continue.	If this is what is intended, ignore this message. If this is not as intended, the batches that are overlaid are lost.
CMU086E - Error allocating storage for FALLBACK function	Return Code Value: 8 Not enough region has been allocated to this utility for correct processing.	Increase the REGION value on the EXEC JCL for this utility.
CMU087W - One or more transparent batches were not EXTRACTED	Return Code Value: 4 One or more selected batches were not processed because they have transparent data and transparent data cannot be processed (TRANSPARENT=NO was specified). Processing continues with other selected batches.	If processing batches with transparent data is needed, specify TRANSPARENT=YES and resubmit the offline utility.

<b>Message</b>	<b>Description</b>	<b>Action</b>
CMU088W - One or more incomplete batches were not EXTRACTED	Return Code Value: 4 One or more selected batches were not processed because they are marked as incomplete. Processing continues with other selected batches.	If processing incomplete batches is needed, specify STATOR=INCOMPLETE or STATUS=INCOMPLETE and resubmit the offline utility.
CMU089W - Incomplete batch EXTRACTED successfully, however data may be missing	Return Code Value: 4 One or more selected batches were successfully processed even though they are marked as incomplete. They were selected for processing as a result of specifying STATOR=INCOMPLETE or STATUS=INCOMPLETE. Processing continues.	Review the output data to ensure it is complete for your needs.
CMU090W - One or more batches flagged for delete were not EXTRACTED	Return Code Value: 4 One or more selected batches were not processed because they are marked as deleted. Processing continues with other selected batches.	If processing incomplete batches is needed, specify STATOR=DELETE or STATUS=DELETE and resubmit the offline utility.
CMU091W - One or more batches flagged for delete were successfully EXTRACTED	Return Code Value: 4 One or more selected batches were successfully processed even though they are marked as deleted. They were selected for processing as a result of specifying STATOR=DELETE or STATUS=DELETE. Processing continues.	Review the output data to ensure it is complete for your needs.
CMU092I - Batch# = nnnnnnn, Xref# = nnnnnnn	Return Code Value: 0 The batch number specified is assigned to the Gentran Plus reference number specified.	None required.
CMU093W - Batch nnnnnnn not converted - No batch data	Return Code Value: 4 The batch number specified was not converted because the batch contained no data. Processing continues.	Review the original batch information to confirm that the batch is no longer needed.

Message	Description	Action
CMU094W - Number of data blocks converted is less than control record count for batch nnnnnnn	Return Code Value: 4 The number of physical batch data blocks read from the old VSAM batch files is less than the number of blocks indicated for the batch in the VCF. This might not be a problem if the remote site transmitting the batch was defined with COUNT=RECORD.	Review the batch information and determine if the batch is valid and take appropriate action if needed.
CMU095E - One or more VSAM Batch File names have already been defined	Once a VSAM Batch File has been defined with PURGE, it cannot be redefined.	Ensure that you are attempting to define the correct VSAM Batch File.
CMU096E - I/O error writing to output file	An error occurred during EXTRACT processing that prevented the data to be written to the output file. Processing stops.	Determine the reason for the I/O error and rerun the utility.
CMU097I - Default Server name and VPF set from STUTAXIT exit program	The offline utility conversion exit has set a default VSAM File Server ID and VPF name for the job stream. It may be overridden if specified. Processing continues.	Contact your Sterling Connect:Enterprise system administrator if processing is not how you expect.
CMU098S - Utility shutdown due to return code from STUTAXIT user exit program	Return Code Value: 12 or higher	The offline utility conversion exit has a return code value of 12 or higher. This causes the offline utility job to terminate with a step return code equal to the exit return code.
CMU099W - The previous parameter is assumed to be a pre-2.1 syntax	The format of the parameters appears to be of a format used prior to Release 2.1.00. It will be treated as such and converted internally to a Release 2.1.00 format. This may not always be exactly as intended. Processing will continue using the internally converted parameter.	If you do not need to use the command stream on a pre-2.1 release, update the specified control card to a current release format.
CMU100W - LOGNAME= parameter not specified, will attempt to determine default	When executing the REPORT utility, the LOGNAME parameter was not specified. This parameter is required. Instead of failing the utility, a LOGNAME value will be set based on the VPF parameter that may have been previously specified. This will be done by allocating the VPF and using the current collection VLF designated within the VPF control records. If successful, processing will continue.	If you do not need to use the command stream on a pre-2.1 release, update the specified control card to include the LOGNAME control card.

Message	Description	Action
CMU101W - Default log file is xxxxxxxx	This message is issued when the LOGNAME parameter has not been specified for a REPORT utility. The utility has attempted to set a LOGNAME value that will be used for processing. The named log file will be used during the execution of the utility.	If you do not need to use the command stream on a pre-2.1 release, update the specified control card to include the LOGNAME control card.
CMU102E - DATE=DEPENDENT requires that FROMDATE/TIME= and TODATE/TIME= be specified	The pre-2.1 release parameter DATETIME requires that FROMDATE/TIME and TODATE/TIME parameters be specified. Processing stops.	Include the required FROMDATE/TIME and TODATE/TIME parameters and resubmit the utility. If you no longer need these control records to be compatible with a pre-2.1 release, you can replace the DATETIME parameter with the "D" suffix on the FROMTIME or TOTIME parameters.
CMU103E - BATCHNUM= and BATCHST= are mutually exclusive	The pre-2.1 release BATCHST parameter and the BATCHNUM parameter cannot be specified together. Processing stops.	Specify only one of the named parameters and resubmit the utility. If you no longer need these control records to be compatible with a pre-2.1 release, you should specify the BATCHNUM parameter.
CMU104E - BATCHNUM= and BATCHEN= are mutually exclusive	The pre-2.1 release BATCHEN parameter and the BATCHNUM parameter cannot be specified together. Processing stops.	Specify only one of the named parameters and resubmit the utility. If you no longer need these control records to be compatible with a pre-2.1 release, you should specify the BATCHNUM parameter.
CMU105E - BATCHNUM= and BATCHST=/BATCHEN= are mutually exclusive	The pre-2.1 release BATCHST and BATCHEN parameters and the BATCHNUM parameter cannot be specified together. Processing stops.	Specify only one of the named parameters and resubmit the utility. If you no longer need these control records to be compatible with a pre-2.1 release, you should specify the BATCHNUM parameter.
CMU106W - Warning, No batches were selected that required changes	During STATFLG utility processing, no batches were selected that did not already have the status flags set as required.	Confirm that no processing is required and alter the command stream if processing was not as you expected.
CMU107E - Extracted record count does not agree with VCF record count	During EXTRACT utility processing, the number of records written to the output file does not match the number of records that were originally collected for the batch. Processing stops.	Review the output data that was created. Check to see if it is in the format you expect. Receiving this message could indicate a problem at collection time or a problem when deblocking the data. Make sure you are using the correct RECSEP values.

Message	Description	Action
CMU108W - Warning, Possible incorrect or missing record separator at end of batch	During EXTRACT utility processing, the end of the batch was reached but was not terminated with the expected record separator. Processing stops.	Review the output data that was created. Check to see if it is in the format you expect. Receiving this message could indicate a problem at collection time or a problem when deblocking the data. Make sure you are using the correct RECSEP values.
CMU109W - Transparent block of xxxxx bytes is not an even multiple of the output lrecl	During EXTRACT utility processing, the specified length of the data block being processed is not an even multiple of the record length for the output file. This is an error since all transparent blocked data must be fixed in length and an even multiple of the output file's record length. Processing stops.	Review the output data that was created. Check to see if it is in the format you expect. Receiving this message could indicate a problem at collection time or a problem when deblocking the data. Make sure you are using the correct RECSEP values.
CMU110E - Security check failed, FUNC = xxxxxxxx, ID = yyyyyyyy, RC = nnnnnnnn, RSN = nnnnnnnn	Security checking for the specified function (ADD, DELETE, ERASE, EXTRACT, MOVE, PURGE, STATFLG) against the specified batch has failed. The RC and RSN values are returned from your local security package. Processing stops.	Select only those batches that you are authorized to process with a given function and resubmit the utility.
CMU111W - Security checking in WARN mode - processing will continue	As stated in message CMU110E, issued prior to this message, security checking has failed for a specified function against a specified batch. Because the Security Interface is running in WARN mode, processing is allowed to continue. The return code set for the previous CMU110E message has been reduced. Processing continues.	Verify that you should or should not have authority to the specified function and batch. When the Security Interface operates in LIVE mode, you will no longer have authority to process the given batch.
CMU112E - VBQOUT= is required	The VBQOUT parameter is required for this utility. Processing stops.	Include a properly coded VBQOUT control card and resubmit the utility.
CMU113E - Unable to build DCB for input file	During ADD utility processing, information required to build an internal control block from input file characteristics could not be obtained. Processing stops.	Look in the JESLOG for any additional error messages that may aid in the resolution of this problem. Confirm that the input file is of a supported file type. If so, this may be an internal error. Contact IBM Support.
CMU114E - I/O error reading input file	During ADD utility processing, an I/O error occurred when reading the input file. Processing stops.	Look in the JESLOG for any additional error messages that may aid in the resolution of this problem. Confirm that the input file is of a supported file type. If so, this may be an internal error. Contact IBM Support.

Message	Description	Action
CMU115I - Incomplete batch nnnnnnnn contains xxxxxxxx blocks	During MOVE utility processing, the specified incomplete batch that was processed contained the specified number of blocks. Processing continues.	None required.
CMU116W - Batch nnnnnnnn contains xxxxxxxx blocks but I/O count is xxxxxxxx	During MOVE utility processing, the specified batch that was processed did not contain the expected number of blocks and the batch is not marked as incomplete. Processing continues.	Review the status and contents of the batch to see if it complete and usable.
CMU117E - - Error for first ENQ SHR for batch nnnnnnnn, RC=xxxxxxx - Error for second ENQ SHR for batch nnnnnnnn, RC=xxxxxxx - Error for first ENQ CHG for batch nnnnnnnn, RC=xxxxxxx - Error for second ENQ CHG for batch nnnnnnnn, RC=xxxxxxx - Error for first DEQ for batch nnnnnnnn, RC=xxxxxxx - Error for second DEQ for batch nnnnnnnn, RC=xxxxxxx	Internal error. Processing stops.	Contact IBM Support.
CMU118I - Incomplete batch xxxxxxxx no records	During MOVE utility processing, the specified incomplete batch was processed. It has no data blocks.	The batch should be erased because it has no data.
CMU119I - RETRY parameter specified, attempting cleanup and second MOVE	During MOVE utility processing, an I/O error occurred with the output VBQ when attempting to copy the batch data to the output VBQ. The RETRY parameter was specified in the command stream so the utility will attempt to delete all data records for the batch (same batch number and Mailbox ID) on the output VBQ and attempt the copy again. Processing continues. If the error occurs a second time for the same batch, processing will stop.	None required.
CMU120W - All online VBQs exceed VBQPCT value. Current collection VBQ must be used	During ADD utility processing, a VBQ could not be found that was currently allocated to online Sterling Connect:Enterprise, within the VBQPCT limits and within the VBQROTATE range. The current collection VBQ will be used to contain the newly added batch. Processing continues.	Review the status of all allocated VBQs within the VBQROTATE range. Verify if file maintenance procedures are due.



Message	Description	Action
CMU121W - VsmGetSpaceParms failed for VBQxx, RC=nnnnnnnn, RSN=nnnnnnnn	During ADD processing, an error occurred while attempting to obtain freespace information for the specified VBQ. The specified VBQ will not be used. Processing will continue using a different VBQ within the VBQROTATE range.	Review the status of the named VBQ to correct the problem with the VsmGetSpaceParms function.
CMU122I - VBQnn is in extents or exceeds VBQPCT value. Another VBQ will be selected	During ADD processing, the specified VBQ was being considered for use, however, it did not meet the VBQPCT ODF parameter specifications. The next online VBQ within the VBQROTATE range will be used. Processing continues.	Review the status of the named VBQ to determine if file maintenance is required.
CMU123E - Batch data cannot be added to an offline VBQ	The VBQ parameter was specified for the ADD utility, but the specified VBQ is offline.	Do one of the following, then run the ADD again: <ul style="list-style-type: none"> <li>◆ Specify a different VBQ that is online,</li> <li>◆ Bring the specified VBQ online</li> <li>◆ Remove the VBQ parameter</li> </ul>
CMU124E - SKIP= and BATCHNUM= are mutually exclusive	You may specify either parameter, but not both. Processing stops.	Correct the parameter specification and resubmit the utility.
CMU126I - Batch number xxxxxxxx not processed, collection in progress and BATCHNUM= not specified	The specified batch was not selected for processing because it has been marked as being collected. Processing continues.	If you want the specified batch to be processed, resubmit the utility and include the BATCHNUM parameter.
CMU127E - TOBLK= value less than FROMBLK= value	The FROMBLK parameter must always specify a value greater than the TOBLK parameter. Processing fails.	Correct the parameter specification and resubmit the utility.
CMU128W - Warning - \$\$ADD with no data encountered. Batch created with no records.	While executing the ADD utility, a \$\$ADD card was encountered in the data stream but no data followed. A batch is created, but with no data records. Processing continues.	Confirm the batch is created as intended. If not, you may flag it for deletion.
CMU129T - I/O error reading SYSIN file, utilities terminated.	An I/O error occurred when reading input data from the //SYSIN DD statement. All utility processing stops.	Correct the cause of the I/O error and resubmit the job stream.
CMU130E - Error obtaining DCB information for input file.	During ADD utility processing, an error was encountered when attempting to obtain the data set characteristics. Utility processing stops.	Correct the cause of the I/O error and resubmit the job stream.

Message	Description	Action
CMU131E - Output file table size exceeded.	During EXTRACT utility processing, the maximum number of output files was reached and no other files could be opened. Utility processing stops.	Split the utility job stream up into several steps so that the maximum number of output files will not be exceeded.
CMU132W - Batch data record not erased due to error in VsamGetDirUpd/VsmErasUpd RC=nnnn RSN=nnnnnnnn	Return Code Value: 4 During the ERASE utility, a nonzero code other than No Record Found or EOF was encountered while attempting to locate or erase batch data records on a VSAM batch queue file. The VSAM RPL feedback codes are listed in the RSN field. When this message is encountered, all data records for the batch were not successfully deleted from the VBQ and subsequent problems may occur, such as premature filling of the VBQ and CMB236E RSN=080008 duplicate record failures. Message CMU133I is also issued to provide more information on the batch.	Save the job listing and call IBM Support. Depending on the reason code listed, you may be asked to obtain an IDCAMS listing of the VBQ records for the batch listed in message CMU133I.
CMU133I - Processing Batch ID =xxxxxxx Batch Num=nnnnnnn Blk Num=nnnnnnnn VBQ=nn	Return Code Value: 0 This message gives information about a batch being processed by an offline utility. It is preceded by another message that indicates the specific utility and type of failure, if any.	Confirm that any action recommended for the accompanying error message has been performed.
CMU134W - Batch not erased - Batch in Use ID=xxxxxxx BATCH NUM=nnnnnnnn	Return Code Value: 4 An attempt to erase a batch was bypassed because the batch was being transmitted or received at the same time the erase was attempted.	If the batch was in use, rerun the erase utility when appropriate. If the batch was not in use, review the activity related to this batch. Contact IBM Support for additional assistance if necessary.
CMU135W - VPF GETDIR ERROR - xxx XMITABLE ID=xxxxxxx BATCH NUM=nnnnnnnn	Return Code Value: 4 An attempt to erase a batch using the batch number but not the ID failed because the batch number was not found in the VPF.	Rerun the Erase processing with valid batch number specifications. If the batch number requested is valid, collect the history for the batch and report the problem to IBM Support Customers Support.
CMU136W - LOGFILE detected but open failed, logging to sequential log file not possible.	Return Code Value: 4 The LOGFILE DD was detected, but the attempt to open the data set failed. Processing associated with LOG=YES cannot be performed. Processing continues with no LOG=YES logging.	Verify the format of the data set.

Message	Description	Action
CMU137W - LOGFILE detected but characteristics are not correct, logging to sequential log file not possible	Return Code Value: 4 The physical characteristics of the data set allocated to the LOGFILE DD do not match those required for LOG=YES processing to work properly. Processing continues with no LOG=YES logging.	Verify the format of the data set. It should be DSORG=PS,RECFM=FB,LRECL=102 4
CMU138W - ENQ for LOGFILE DSN failed, logging to sequential log file may fail	Return Code Value: 4 An ENQ was attempted against the data set allocated to the LOGFILE DD statement to serialize updates to the file. This ENQ failed. An attempt to write the log record will be made but may also fail. Processing continues.	Determine the reason for the ENQ failure and make corrections to prevent further errors.
CMU139W - DEQ for LOGFILE DSN failed, logging to sequential log file may fail	Return Code Value: 4 A DEQ was attempted against the data set allocated to the LOGFILE DD statement to serialize updates to the file. This DEQ failed. An attempt to write the log record will be made but may also fail. Processing continues.	Determine the reason for the DEQ failure and make corrections to prevent further errors.
CMU140W - I/O error writing to sequential log file	Return Code Value: 4 An I/O error occurred when attempting to write a log record to the data set allocated to the LOGFILE data set. Processing continues.	Determine the reason for the failure and make corrections to prevent further errors.
CMU141E - Data length error reading from VBQxx file.	This is an internal error. Processing stops.	Look in the JESLOG for any additional error messages that may aid in the resolution of this problem.
CMU142E - Spanning error reading from VBQxx file.	This is an internal error. Processing stops.	Look in the JESLOG for any additional error messages that may aid in the resolution of this problem.

Message	Description	Action
CMU143I - Truncation Batch ID=xxxxxxx Batch Num=nnnnnnn	Return Code Value: 0  This message gives information about a batch which was truncated during offline utility EXTRACT processing. It is associated with message CMU045W and identifies batches that were truncated during processing.  The message is not written for USER RECORD truncations because they are not associated with a specific batch, even though message CMU045W documents that truncation occurred during EXTRACT processing.	Verify that the batch was extracted correctly. If not, change file attributes and extract the batch again.
CMU144E - ENCR=, KEEPADD, RDW=KEEP, SPLITCOUNT=, and USERRCD= cannot be specified with STRUCTURE=FILE	Return Code Value: 8  An invalid parameter was specified.	Remove the invalid parameter.
CMU145E - ID= must be specified with STRUCTURE=FILE	Return Code Value: 8  The ID parameter is missing.	Add the parameter and resubmit the job.
CMU146I - VBQBLOCK and VBQUNBLOCK are ignored for STRUCTURE=FILE	Return Code Value: 0  This is a warning message; the job continues.	Remove the VBQBLOCK or the VBQUNBLOCK parameter.
CMU147I - STRUCTURE=FILE batch xxxxxx cannot be VBQ Blocked, but will be moved.	Return Code Value: 0  This is a warning message; the job continues.	Remove the VBQBLOCK parameter.
CMU148W - STRUCTURE=FILE flag not turned on for batch xxxxxx. It must be offline added and not VBQ Blocked	Return Code Value: 4  This is a warning message; the job continues.	None required.
CMU149E - RTYPE=FTP or MQS is not allowed for this report	Return Code Value: 8  An invalid parameter was specified.	Remove the parameter and resubmit the job.
CMU160I - Detected on INFILE record number nnnnnnnn	During ADD utility processing, a problem was encountered on the specified INFILE record. This message is preceded by another message that indicates the type of problem.	Check the previous message for the appropriate course of action.
CMU161I - INFILE record image: >>>xxx...xxx<<<	During ADD utility processing, a problem was encountered on an INFILE record. This message displays up to 80 bytes of the problem record. It is preceded by another message that indicates the type of problem.	Check the previous message for the appropriate course of action.

Message	Description	Action
CMU162E - COMPLETION=FAILURE has to be specified to use the FAILCODE=nnn parameter.	Return Code Value: 08 The COMPLETION=FAILURE is missing.	Add the parameter and resubmit the job.
CMU166I – Batch on VBQOUT not moved ID=xxxxxxx BATCH NUM=nnnnnnn Return Code Value: 0	This message is written to inform users of the MOVE utility that a batch was not selected for processing since it already existed on the target VBQOUT data set.	Confirm that the intended MOVE function has completed the necessary requirements and change to a different VBQOUT data set if the requirement for the batch indicated is still that it needs to be moved from its present location to a new VBQOUT destination.
CMU167E–Both VCF1P= and VCF1X= must be specified when defining the VCF Alternate Index and pathname.	Return Code Value: 08 When defining the VCF Alternate Index, both VCF1P='vcf.alternate.index.path.name' and VCF1X='vcf.alternate.index.cluster.name' must be specified in the PURGE utility (INIT=DATA).	Include both control cards and resubmit the offline utility.
CMU168W - VSAM OPEN macro failed for VCF1P RC=xx RSN=nnnnnnnn ERC=nnnnnnnn	Return Code Value: 4 An allocation failure occurred, when trying to open the VCF Alternate Index Path Name (VCF1P). Specific return/reason codes may also be included in the message text. These return/reason codes may be from dynamic allocation, VSAM, or the VSAM file server.	See Chapter 13, <i>Internal Sterling Connect:Enterprise Services Return Code Values</i> for RC=nnnn and appropriate IBM documentation for RSN=nnnnnnnn / ERC=nnnnnnnn (RPL feedback word). Take corrective action, based on the information provided.
CMU169I - VCF alternate index (VCF1P) is unavailable	Return Code Value: 0 The VCF alternate index (VCF1P) failed to open and is unavailable to the offline utilities for fast path control file access (used for performance improvement). This is an informational message and follows a CMU168W message, which provides detailed information about the error encountered.	None.
MU170E - Error allocating storage in STUTCFACT, while attempting to read VCF Master Control Record.	Return Code Value: 8 A system storage allocation error occurred when attempting to read the VCF (VSAM Control File) master control record, at the beginning of the offline utility execution.	Rerun the job. If the error persists, contact Sterling Commerce Support for assistance.

Message	Description	Action
CMU171E - Either ONEBATCH=YES or MAXBATCH=nnnnnnn may be specified, but not both.	Return Code Value: 8 A parameter conflict exists between ONEBATCH=YES (extract one batch only) and MAXBATCH=nnnnnnn (extract nnnnnnn batches).	Remove one of the parameters as necessary and rerun the STOUTL job. <b>Note:</b> MAXBATCH=1 is the equivalent of specifying ONEBATCH=YES.
CMU172E - The total number of batch number items specified exceeds the maximum allowed (64) Return Code Value: 8	Both BATCHID=[#]nnnnnnn and BATCHNUM=nnnnnnn[-nnnnnnn] may be used in the same set of SYSIN control statements. BATCHID=[#]nnnnnnn is limited to a single batch number per statement and counts as a single item. There may be any combination of multiple BATCHID=[#]nnnnnnn and BATCHNUM= statements, but there can be a maximum of 64 batch number items specified. One item is considered to be either a single batch number or a range.	Correct the corresponding SYSIN parameter(s) by specifying 64 or fewer total batch number items.
CMU180W - Record removed because of REMOVECOL/REMOVEVAL match.	Informational message only. Sterling Connect:Enterprise verified a match condition and removed record.	None required.
CMU181W - Record length changed for Added batch BatchID=xxxxxxx BatchNum=nnnnnnnn	During STOUTL ADD, the record length changed because the VBQRECSIZE specified is different from the records size of the batch on the VBQ. Return Code = 4	None required.
CMU182E - REMOVEVAL and REMOVECOL must both be specified or neither.	If either of these parameters is specified, the other is required also.	Correct STOUTL utility control cards to add or remove parameter value, as appropriate and resubmit.
CMU199E - XXXXX function disallowed - STOUTL not authorized to GETMAIN BST table storage.	STOUTL MOVE or ERASE function is not allowed because STOUTL job is not APF authorized. STOUTL is attempting to create BST control block and cannot because STOUTL is not APF authorized.	APF authorize your STOUTL Utility STEPLIB and return the job.
CMU200E - xxxxxxxx is not APF authorized.	The named program could run because an unauthorized environment was detected.	Ensure all data sets specified in the STEPLIB DD statement are APF authorized and rerun the program.
CMU201E - Subsystem Name sssss found but in non-C:E format - xxxxxx failed.	No entry was found in SSCVT for specified subsystem name.	Verify the correct subsystem name is supplied in the NAME= parameter for the STUTABKS or STUTABKE program execution card, and rerun the specified program.

Message	Description	Action
CMU202E - Subsystem name sssss not found - STUTABKE failed.	Program STUTABKE could not find an SSCVT entry for the specified subsystem.	Verify the correct subsystem name is supplied in the NAME= parameter for the STUTABKE program execution card, and rerun STUTABKE.
CMU203I - VSAM server not currently active - creating SSCVT for Subsystem sssss.	Program STUTABKS detected that the VSAM server for the specified subsystem is not active.	None required, if the VSAM server is not active. If the specified VSAM server is active, Verify the correct name was supplied in the NAME= parameter for both the STUTABKS and STUTABKE program execution cards, and rerun STUTABKS.
CMU204W - Backup process not started.	Program STUTABKE was run out of sequence, or the STUTABKS program specified a different NAME= <i>value</i> .	If program run out of sequence, rerun in correct sequence. If the NAME= parameter specifies a different name, verify the correct name is supplied in the NAME= parameter for both the STUTABKS and STUTABKE program execution cards, and rerun STUTABKE.
CMU205I - STUTABKS waiting for nnnnnnnnn task.	STOUTL ERASE and MOVE activity must finish before backup can take place. nnnnnnnnn specifies how many activities are still in process. This message repeats after every TMR=nn minutes until activity ends.	None. NOTE: If nnnnnnnnn is high, consider running backup during less active time.
CMU206I - STOUTL ERASE and MOVE now locked out.	Information only. Indicates that the environment is ready for backup.	Run backup within limited activity environment.
CMU207I - STOUTL ERASE and MOVE now resumed.	Information only.	Resume normal processing.
CMU208E - BST not found for specified VPF (VPF=xxxx...xxxx)	STUTABKE cannot find the backup state table for the specified VPF.	Verify that STUTABKE is using the same VPF= and NAME= parameters as the preceding STUTABKS.
CMU209W - XXXXX function disallowed while backup in progress - try later.	A backup can only run in a limited activity environment. Certain functions are locked out until backup is complete.	Retry function after backup is complete.
CMU210E - Parameter NAME= and VPF= must be supplied.	Programs STUTABKS and STUTABKE require NAME= <i>subsystem of VSAM server</i> and VPF= <i>dataset name to backup</i> to be supplied in the JCL.	Verify the JCL specifies both NAME= and VPF= and rerun the job.

Message	Description	Action
CMU211E - Parameter keyword not recognized.	A parameter keyword other than NAME=, VPF=, or TMR= was supplied to STUTABKS and STUTABKE.	Remove invalid parameter keyword and rerun the job.
CMU212E - Expected comma between parameters not found.	The keyword parameters NAME=, VPF=, and TMR= must be separated by commas.	Ensure the parameters are separated by commas and rerun the job.
CMU213E - Parameter TMR= has a max value of 999.	Optional STUTABKS parameter TMR= is specified in the JCL with a value greater than 999.	Correct the value specified in the TMR= parameter to be 999 or less and rerun the job.
CMU214E - Value for TMR= not supplied.	Optional STUTABKS parameter TMR= is specified in the JCL with no value. If it is specified, it must have a value assigned.	If you want the default value of 20 seconds, remove the parameter from the JCL. Otherwise, specify a value of 999 or less and rerun the job.
CMU215E - Blank found in parameter.	The keyword parameters NAME=, VPF=, and TMR= must be separated by commas. A blank character was found instead of a comma.	Replace the blank separator character with a comma and rerun the job.
CMU216E - Error allocating xxxxxxxx.	<p>Sterling Connect:Enterprise encountered an error trying to GETMAIN storage for either BSR or SEM structure in below the line private storage.</p> <p>The Backup End program, STUTABKE, encountered an error trying to allocate control blocks needed for PC calls to the VSAM Server.</p>	Ensure enough PVT below the line storage is available and rerun the job. If problem persists, contact IBM Support.
CMU217W - STOUTL MOVE/ERASE already locked out.	Program STUTABKS is attempting to lock the STOUTL MOVE and ERASE utilities but they are already locked.	<p>None required if you want the utilities locked.</p> <p>If you want to reenabte the MOVE and ERASE utilities, run STUTABKE.</p>
CMU218E - Length of IBM xxx changed.	The length of the IBM ACB or RPL changed and is no longer compatible with Sterling Connect:Enterprise.	Contact IBM Support for assistance.
CMU219E - STOUTL MOVE and ERASE currently active.	Program STUTABKE is trying to release the lock on the STOUTL MOVE and ERASE utilities, but they are already active. Either the STUTABKE and STUTABKS programs are using different NAME= and VPF= values, or the programs were run out of sequence.	<p>Normal flow is to run STUTABKS first followed by your backup job and then run STUTABKE to reenabte the MOVE and ERASE utilities.</p> <p>If your NAME= and VPF= values are correct in both STUTABKE and STUTABKS and while running the programs in the proper sequence, you still get an error, contact IBM Support.</p>



Message	Description	Action
CMU220E - STUTABKS already running.	Program STUTABKS is attempting to lock the STOUTL MOVE and ERASE utilities but they are already locked.	Each instance of STUTABKS must run with a unique NAME= and VPF= parameter combination, which matches the corresponding STUTABKE. Verify you have specified the correct NAME= and VPF= values and rerun the job.
CMU221E - Subsystem name must be 4 characters.	The NAME= parameter requires a 4-character value to name the Sterling Connect:Enterprise VSAM server. A subsystem name longer than 4 characters was supplied.	Change the NAME= value to the correct 4-character VSAM server name and rerun the job.
CMU222E - Severe error with SSCVT/BST structure.	Error detected starting backup procedure.	Verify the correct VSAM file server is identified in STOUTL PARM= parameter. If that value is correct, contact IBM Support for assistance.
CMU223E - Parameter VPF= has a max length of 44.	A VPF= value was specified that exceeded the maximum allowable size.	Correct the VPF= value and rerun the job.
CMU224E - Parameter VPF= dataset does not exist.	The VPF= value points to an incorrect or nonexistent dataset.	Correct the VPF= value or define the correct dataset and rerun the job.
CMU225E - A member name must be supplied when INFILE is a PDS.	Return Code 8. The file specified on the INFILE DD is a PDS but a member name was not supplied.	Supply a member name on the INFILE DD and rerun the job.
CMU226E – Spanned records on INFILE not supported.	The file specified on the INFILE DD is a spanned record format that is not supported by Sterling Connect:Enterprise.	Data to be added as a batch must be supplied in a non-spanned record format.
CMU227W – Open failed for //REPORTS2 DD, File Usage Report(s) will not be generated.	The file specified on the REPORTS2 DD could not be opened. STOUTL File Usage Report will not be generated.	If STOUTL File Usage Report is needed, correct dataset name on REPORTS2 DD and rerun job.
CMU228I – //REPORTS2 DD not specified, File Usage Report(s) will not be generated.	REPORTS2 DD is missing from STOUTL job. STOUTL File Usage Report will not be generated.	If STOUTL File Usage Report is needed, add REPORTS2 DD to STOUTL job and rerun job.
CMU229E - File deallocated and unavailable to STOUTL: xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx xxxxxxxxxxxxxxxx	The specified file has been de-allocated from STOUTL by the \$\$DALLOC STOUTL=DISALLOW command and is not available for use by the STOUTL job.	Issue \$\$ALLOC command to re-allocate the specified file and rerun job.
CMU230E – Required parameter ALLERRORS, CRONLY, MISMATCH and/or ORPHAN not specified.	The STOUTL VERIFY Utility requires one of the following parameters: ALLERRORS, CRONLY, MISMATCH, ORPHAN.	Specify one or more of the required parameters and rerun job.

Message	Description	Action
CMU231E - xxxxxxxxxxxxxxxxxxxx are only valid with ALLERRORS or CRONLY.	FROMDATE/TODATE and FROMTIME/TOTIME are only valid when ALLERRORS or CRONLY specified.	Correct parameters and rerun job.
CMU232E – JOBNAME only valid with ALLERRORS or CRONLY.	Parameter JOBNAME is only valid when ALLERRORS or CRONLY is specified.	Correct parameters and rerun job.
CMU233E – TODATE, FROMDATE, TOTIME, FROMTIME, and JOBNAME only valid with type=REPAIR.	Parameters TODATE, FROMDATE, TOTIME, FROMTIME and JOBNAME are only valid when running TYPE=REPAIR VERIFY Utility.	Correct parameters and rerun job.
CMU234W – xxxxxxxx DD missing or open failed, key information not retained.	DD ORPHAN, CRONLY or MISMATCH not found in STOUTL VERIFY TYPE=REPORT job. The VSAM integrity issues that are found will only be reported to the REPORT DD. If DD ORPHAN, DD CRONLY or DD MISMATCH had been available, VSAM integrity issue could have been written to these files also and used during STOUTL VERIFY TYPE=REPAIR to speed processing.	If STOUTL VERIFY TYPE=REPAIR is run after the TYPE=REPORT job, all the VSAM files will have to be reread to re-find the integrity issues again before the repair can be done. If you want to speed up the next run of VERIFY TYPE=REPAIR, add ORPHAN, CRONLY and/or MISMATCH DD's to your VERIFY TYPE=REPORT and VERIFY TYPE=REPAIR jobs.
CMU235W – xxxxxxxx DD not used.	DD ORPHAN, CRONLY or MISMATCH are not used during the run of STOUTL VERIFY TYPE=REPAIR because DD missing or unable to open file. The VERIFY TYPE=REPAIR Utility will have to re-find the VSAM integrity issues before they can be repaired.	If you want to speed up the next run of VERIFY TYPE=REPAIR, add ORPHAN, CRONLY and/or MISMATCH DD's to your VERIFY TYPE=REPORT and VERIFY TYPE=REPAIR jobs.
CMU236E – Both xxxxxxxx DD and parameter needed for repairs - Repair stopped.	ORPHAN, CRONLY or MISMATCH DD found in STOUTL VERIFY TYPE=REPAIR job, but file is empty or missing the header record written by STOUTL VERIFY.	If CRONLY DD is in your STOUTL VERIFY TYPE=REPAIR job, specify parameter CRONLY also. If ORPHAN DD is in your STOUTL VERIFY TYPE=REPAIR job, specify parameter ORPHAN also. If MISMATCH DD is in your STOUTL VERIFY TYPE=REPAIR job, specify parameter MISMATCH also. Being strict by requiring that both the DD and parameter keyword be specified, is to ensure that the repairs that are made are what you really want.
CMU237E — xxxxxxxx DD found but file empty or invalid..	ORPHAN, CRONLY or MISMATCH DD found in STOUTL VERIFY TYPE=REPAIR job, but file empty.	Remove DD or specify the non-empty file that was generated by the STOUTL VERIFY TYPE=REPORT Utility and rerun job.

Message	Description	Action
CMU238W – VBQ is deallocated from STOUTL, processing continues: xxxxxxxxxxxxxxxxxxxxxxxxxxxx xxxxxxxxxxxx	The STOUTL Utility could not access the specified VBQ because it has been deallocated with the \$\$DALLOC STOUTL=DISALLOW command.	None unless VBQ file is needed. In that case, issue \$\$ALLOC command for the specified VBQ and rerun job.
CMU239E – VBQnn is deallocated from STOUTL and unavailable for output: xxxxxxxxxxxxxxxxxxxxxxxxxxxx xxxxxxxxxxxx	The STOUTL Utility could not access the specified VBQ because it has been deallocated with the \$\$DALLOC STOUTL=DISALLOW command.	Issue the \$\$ALLOC command for the specified VBQ and rerun the job.
CMU240E - Required parameter TYPE= must be specified immediately after VERIFY parameter.	Return Code Value: 8 TYPE is a required parameter for the VERIFY utility and must immediately follow the VERIFY parameter.	Place the TYPE parameter immediately after the VERIFY keyword and resubmit the VERIFY utility.
CMU241I - A total of nnnnnn zero length records were removed due to ZERO_LENGTH_RECORD=REMOVE parameter specification.	A total of nnnnnn zero length records were removed from the batch during EXTRACT processing. These records were not written to the OUTFILE, because the parameter ZERO_LENGTH_RECORD=REMOVE (or ZLR=REMOVE) was specified.	None
CMU242W - Warning, nnnnnn zero length records bypassed for RECFM=U output file. Consider using RECFM=V/VB	A total of nnnnnn null (zero length) records were detected and could not be written to the OUTFILE, since the record format is undefined. Zero length records cannot be written to a RECFM=U file. A typical use of a null record is to represent a line feed character.	Change the OUTFILE record format attribute to RECFM=V/VB. Null records are valid in a variable length file and are represented by a RDW (Record Descriptor Word) length of 4, that is, RDW without data).
CMU243E - Unknown Lrecl for LOG file. VsmGetSpace failed. LOG#=n, RC=n, RSN=nnnnnnn	Unable to determine the LRECL of the file specified in the STOUTL Report parameter LOGNAME. LOG# specifies which log in the LOGNAME list is the offending file.	Change LOGNAME parameter to specify only valid VLF files and retry job. If the problem persists, contact IBM Support.
CMU244E - Invalid Lrecl for LOG file. LOG#=n, Lrecl=nnnnn	A file specified in the STOUTL Report parameter LOGNAME, has an invalid LRECL. The files specified should be VLF files with LRECL=1024. LOG# specifies which log in the LOGNAME list is the offending file.	Change LOGNAME parameter to specify only valid VLF files and retry the job.

Message	Description	Action
CMU245E - LOG file is not VSAM. LOG#=n CMU245E - LOG file is not found. LOG#=n	A file specified in the STOUTL Report parameter LOGNAME, is either not a VSAM file or the file is not allocated. LOG# specifies which log in the LOGNAME list is the offending file. All files specified in LOGNAME should be valid VLF files.	Change LOGNAME parameter to specify only valid VLF files and retry the job.
CMU246I - Empty batch created for Batch#=nnnnnnn ID=xxxxxxx due to EMPTY_BATCH=ALLOW parameter specification	Batch number nnnnnnn, Mailbox ID xxxxxxx has been added to the repository as a valid empty batch, because the SYSIN parameter EMPTY_BATCH=ALLOW was specified. A status flag in the batch control record identifies this as an empty batch and indicates that this batch is to be treated as complete, even though no VBQ batch data records exist.	None
CMU247E - The character string specified on the APPEND_CHAR= parameter exceeds the maximum length of nnnnn.	The maximum string length of nnnnn bytes was exceeded on the APPEND_CHAR= parameter. Currently the maximum length allowed is 4096.	Correct the SYSIN parameter specification and re-run the job.
CMU248E - Unexpected error: BTPCPC1	The Backup End program, STUTABKE, got an unexpected Return Code from the PC Interface program BTPCPC1.	Rerun the job. If problem persist, contact IBM Support.
CMU248E - Unexpected error: BTPCPC1	The Backup Start program (STUTABKS) was attempting to notify the VSAM Server to lock out STOUTL but encountered an error.	The PC interface program returned an unexpected Return Code; Contact IBM Support.
CMU248E - Unexpected error: STOLEN	The Backup End program, STUTABKE, attempted to delete a BST Token but the Token was not found.	Rerun the job. If problem persist, contact IBM Support.
CMU248E - Unexpected error: IEANTDL	The Backup End program, STUTABKE, attempted to delete a BST Token but the deletion failed due to a IEANTDL error.	Look up the Return Code for IEANTDL in IBM's manual and contact IBM Support if unable to discover z/OS error.
CMU248E - Unexpected error: TOKFULL	The Backup Start program (STUTABKS) was attempting to notify the VSAM Server to lock out STOUTL but encountered an error.	More than 10 different VPFs are locked for the specified subsystem. Run STUTABKE to end the lock on one or more of the VPFs (current limit is 10) and rerun STUTABKS.

Message	Description	Action
CMU248E - Unexpected error: IEANTCR	The Backup Start program (STUTABKS) was attempting to notify the VSAM Server to lock out STOUTL but encountered an error.	The VSAM Server is down and STUTABKS is unable to create a Token to signal the lock due to an IBM IEANTCR error. Look up the Return Code for IEANTCR in IBM's manual and contact IBM Support if unable to discover z/OS error.
CMU249E - BTPCPC1 non-zero return: RC=nnn	The Backup Start program, STUTABKS, got an unexpected Return Code from the PC Interface program.	Rerun job. If problem persist, Contact IBM Support.
CMU250E - Unable to reset PENDING. RC=nnn	The Backup Start program, STUTABKS, notified the VSAM Server that it is attempting to lock out STOUTL but while waiting for current running STOUTL jobs to complete, STUTABKS encountered an error and was unable to lock out STOUTL.	If the VSAM Server is up, it will be left in a Pending Lock state and can only be cleared by restarting the VSAM Server.
CMU251E - Vsam Server no longer responding; STOUTL not Locked.	The Backup Start program (STUTABKS) notified the VSAM Server that it is attempting to lock out STOUTL but the VSAM Server's PC interface stopped responding before the lock could be obtained. Most likely, the VSAM Server has been stopped with an Stop Immediate command.	If the VSAM Server is down, rerun the STUTABKS job. If the VSAM Server is running, investigate the VSAM Server for errors. If problem persist, contact IBM Support.
CMU261E - When INIT=BID64 is specified, only VPF= is allowed. Remove remaining parameters and re-submit job.	When converting the VPF/VCF files to run in the expanded Batch ID environment (i.e. BID64) via the PURGE utility, only two parameters are allowed (and required): VPF= and INIT=BID64.	Remove all other parameters and re-run the PURGE job.
CMU262W - VCF Master indicates VPF/VCF records cannot be used in a BID64 environment (data base out of sync).	Sterling Connect:Enterprise terminates after it detects a database error. VCF/VPF control records must be initialized prior to executing in the expanded user batch id environment (BID64).	To initialize VCF/VPF control records before using Sterling Connect:Enterprise in the expanded 64-character user batch ID environment, run the offline utility PURGE program and specify BID64 to convert files before restarting Sterling Connect:Enterprise. For more information, see the section on upgrading in the <i>IBM Sterling Connect:Enterprise for z/OS Release Notes</i> .

Message	Description	Action
CMU263E - Run STOUTL PURGE (INIT=BID64), to synchronize data base, before executing C:E online or other STOUTL utilities.	Sterling Connect:Enterprise terminates after it detects a database error. VCF/VPF control records must be initialized prior to executing in the expanded user batch id environment (BID64).	To initialize VCF/VPF control records before using Sterling Connect:Enterprise in the expanded 64-character user batch ID environment, run the offline utility PURGE program and specify BID64 to convert files before restarting Sterling Connect:Enterprise. For more information, see the section on upgrading in the <i>IBM Sterling Connect:Enterprise for z/OS Release Notes</i> .
CMU264E - Error in wildcard program STSP12 RC=nn, xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	Depending on the cause for the error, xxxxxx will be one of the following strings: <ul style="list-style-type: none"> <li>◆ Testee or Pattern is invalid (if RC=08)</li> <li>◆ Single or Multi is a substring of or equal to the other (if RC=09)</li> <li>◆ R1 passed from caller is invalid (if RC=12)</li> </ul>	If RC=09, revise the specified single and/or multi wildcard character(s), specified in WILD_CARD_SINGLE_CHAR= and WILD_CARD_MULTI_CHAR= respectively to eliminate the conflict.  If RC=08 or RC=12, obtain the joblog output and contact IBM Support.
CMU265E - Either BATCHID= or BATCHIDV= may be coded, but not both	The User Batch ID may only be specified once per command.	Remove one of these parameters and re-submit the job.
CMU266I - Resolved value of BATCHIDV/BIDV: 'xxxxxxxxxxxxxxxxxxxxxxxxxxxxx xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx' where 'xxxxxx.....xxxxxx' is the final BID value, after any pre-defined symbolic variables are resolved.	This is an information message, showing the final Batch ID value, during batch ADD. This message is only displayed when the BATCHIDV=/BIDV= parameter is specified.	None
CMU267E - Resolved BATCHIDV= is too long. First 64: 'xxxxxxxxxxxxxxxxxxxxxxxxxxxxx xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx' where: 'xxxxxx.....xxxxxx' is the first 64 bytes of the resolved Batch ID.	The final value of the User Batch ID, after all symbolic variables were resolved, exceeds 64 bytes (the maximum allowed length for the Batch ID field).	Modify the value coded in the BATCHIDV/BIDV parameter to ensure that after all embedded symbolics are resolved, the final length will be 64 characters or less. Then re-run the job.

Message	Description	Action
CMU268E - IPADDR and (RC_IPADDR, RD_IPADDR, LC_IPADDR, LD_IPADDR) are mutually exclusive.	STOUTL RCDFTP and RCDFTPL report parameter IPADDR and (REMOTE_CNTL_IPADDR, REMOTE_DATA_IPADDR, LOCAL_CNTL_IPADDR, LOCAL_DATA_IPADDR) are mutually exclusive. If IPADDR= is specified, no other xxxxxx_xxxx_IPADDR type parameter can be specified.	Correct the SYSIN parameter specification and re-run the job.
CMU269E - PORT and (RC_PORT, RD_PORT, LC_PORT, LD_PORT) are mutually exclusive.	STOUTL RCDFTP and RCDFTPL report parameter PORT and (REMOTE_CNTL_PORT, REMOTE_DATA_PORT, LOCAL_CNTL_PORT, LOCAL_DATA_PORT) are mutually exclusive. If PORT= is specified, no other xxxxxx_xxxx_PORT type parameter can be specified.	Correct the SYSIN parameter specification and re-run the job.
CMU270E - RECSEP=Cnnnn,Xhh must be specified when MAX_RECSEP_CX= is specified.	RECSEP=Cnnnn,Xhh[hh] must be specified when MAX_RECSEP_CX=nnnnnn is specified. The number of record separators to be processed may only be set when both a count Cnnnnn and hex record separator are specified.	Correct the SYSIN control statements. Either remove MAX_RECSEP_CX= or add RECSEP=Cnnnn,Xhh[hh].
CMU400E – xxxxxx GETMAIN FAILED	A GETMAIN failed to obtain work area storage. Logon and batch processing is denied for the remote or user.	Increase Sterling Connect:Enterprise region size and restart the job.
CMU984E - STOUTL IS NOT APF AUTHORIZED AND IS NEEDED FOR SECURITY CHECKING	The Sterling Connect:Enterprise Security Interface is active, but requires an APF-authorized environment to operate correctly. Processing continues, however, no batches will be processed if security checking is required.	Verify that a proper APF-authorized environment exists and resubmit the utility.

## CMU Messages That Cannot Be Changed

The following messages are not part of the User Message Table and cannot be changed.

Message	Description	Action
CMU980T - Internal Error, Message number nnn is invalid	Return Code Value: 16 The offline user message utility was changed incorrectly. The message number listed has a coding error.	Review the coding changes you made. Correct the coding errors, reassemble and link module STUTAUMT, and resubmit the offline utility.
CMU981T - Internal Error, the last msg, #999 not found in STUTAUMT	Return Code Value: 16 The offline user message utility was changed incorrectly. Message 999 must be the last message in the table. The text should not be changed.	Review the coding changes you made. Correct the coding errors, reassemble and link module STUTAUMT, and resubmit the offline utility.
CMU982T - Internal Error, the UMT is invalid nnn messages processed	Return Code Value: 16 The offline user message utility was changed incorrectly. The message number listed has a coding error.	Review the coding changes you made. Correct the coding errors, reassemble and link module STUTAUMT, and resubmit the offline utility.
CMU999T - Internal Error, Message number M248 not found in User Message Table (STUTAUMT).	For versions of Sterling Connect:Enterprise for z/OS prior to Version 1.5, when STOUTL PURGE INIT=BID64 is executed and the input parameters are invalid, the PURGE utility erroneously issues CMU248 instead of CMU261E. CMU248 is issued directly from another program and is not defined in the User Message Table (STUTAUMT) resulting in the CMU999T error message.	After upgrading to Version 1.5, CMU261E is issued.



## Application Agent Rules Messages

This chapter contains the Sterling Connect:Enterprise application agent rules messages. For more information about rule syntax, see the *IBM Sterling Connect:Enterprise for z/OS Application Agents and User Exits Guide*.

Message	Description	Action
CMR001E - STATEMENT/ INSTRUCTION REJECTED "xxxxxxxxxxxx" IS NOT VALID	The string xxxxxxxxxxxx is not a valid statement or instruction (in other words, RULE, SELECT, COMMAND, SUBMIT and so on).	Check the rules syntax and correct the error. This error could be caused by omitting a continuation comma on the prior line.
CMR002E - NO VALID STATEMENTS/INSTRUCTIONS WERE SPECIFIED	The rules parser did not find any valid statements or instructions (in other words RULE, SELECT, COMMAND, SUBMIT, and so on).	Check the rules syntax and correct the error. Each rule set must contain at least one SELECT statement and one RULE statement. Each rule must contain at least one instruction.
CMR003E - STATEMENT/ INSTRUCTION REJECTED - PARM "xxxxxxxxxxxx" IS NOT SPECIFIED AND IS REQUIRED FOR "yyyyyyyy"	The rules parser did not find the required parameter xxxxxxxxxxxx for the specified statement/instruction yyyyyyy.	Update the statement/instruction in error with the required parameter.
CMR004E - STATEMENT/ INSTRUCTION REJECTED - NAME CONTAINS AN INVALID ALPHA CHARACTER "x"	The rules parser detected an invalid character indicated in the double quotes "x".	Correct the syntax.
CMR005E - STATEMENT/ INSTRUCTION REJECTED - CHARACTER "x" AT CARD COLUMN nnn IS AN INVALID CHARACTER FOR RULES	The rules parser detected an invalid character indicated in the double quotes in column nnn.	Correct the syntax.

Message	Description	Action
CMR006E - STATEMENT/ INSTRUCTION REJECTED - NON BLANK CHARACTERS ARE NOT ALLOWED IN CARD COLUMN 72'	The rules parser detected an invalid character column 72.	Place a space in column 72.
CMR007E - STATEMENT/ INSTRUCTION REJECTED - NAME "xxxxxxxxxxxx" IS LONGER THAN MAXIMUM NAME LENGTH nnn	The rules parser detected an invalid statement/instruction.	Correct the syntax.
CMR008E - STATEMENT/ INSTRUCTION REJECTED - ERROR IN PARAMETER AT CARD COLUMN nnn - NULL PARAMETERS NOT ALLOWED, USE PROPER VALUE.	The rules parser detected an error at record column nnn.	Correct the syntax.
CMR009E - PARAMETER DATA STARTING IN COLUMN xxx EXCEEDS MAXIMUM ALLOWABLE LENGTH FOR THIS PARAMETER nnn	The rules parser detected a parameter value starting in column xxx which exceeds the maximum allowable length of nnn for the parameter.	Correct the parameter value.
CMR010E - "xxxxxxxxxxxx" IS A NON UNIQUE NAME. IT MATCHES "yyyyyyyyyyyyy".	The key word parameter xxxxxxxxxxxx is not unique. It is the same keyword value as yyyyyyyyyyyyy.	Specify the full keyword parameter to make it unique.
CMR011E - STATEMENT/ INSTRUCTION REJECTED - SUPPLIED PARAMETER "xxxxxxxxxxxx" IS NOT VALID	The rules parser detected an invalid parameter indicated by "xxxxxxxxxxxx".	Correct the syntax.
CMR012E - ERROR IN DEFINITION OF STATEMENT/INSTRUCTION CONTROL BLOCKS	The rules parser detected an invalid parameter definition block. This is an internal error.	Contact IBM Support and supply the SYSPRINT listing.
CMR013E - STATEMENT/ INSTRUCTION REJECTED - SIMPLE PARM "xxxxxxxxxxxx" IS FOLLOWED BY OTHER THAN COMMA OR SPACE	The rules parser detected a simple parameter which is not followed by a comma or blank.	Correct the syntax.
CMR014E - NO VALUES CAN BE ASSOCIATED WITH THE SIMPLE PARAMETER.	The rules parser detected a simple parameter which has values defined for it.	Correct the syntax.
CMR015E - STATEMENT/ INSTRUCTION REJECTED - PARAMETER "xxxxxxxxxxxx" HAS A NUMERIC FIELD VALUE GREATER THAN nnn	Parameter xxxxxxxxxxxx contains a numeric field with a value greater than the maximum of nnn.	Correct the syntax.
CMR016E - STATEMENT/ INSTRUCTION REJECTED - KEYWORD PARAMETER "xxxxxxxxxxxx" HAS BEEN SPECIFIED WITHOUT A VALUE	Key parameter xxxxxxxxxxxx has been specified without a value.	Correct the syntax.

Message	Description	Action
CMR017E - STATEMENT/ INSTRUCTION REJECTED - PARAMETER "xxxxxxxxxxxx" HAS A LIST VALUE INCORRECTLY SPECIFIED	Parameter "xxxxxxxxxxxx" has a list value incorrectly specified. The correct format of a list value is (xxxx,xxx,....,xxx) up to the maximum number of items allowed for the parameter.	Correct the syntax.
CMR018E - VALUES MUST BE SEPARATED BY COMMAS AND TERMINATED WITH A RIGHT PAREN	A sub-parameter list was incorrectly specified. List values must be enclosed in parentheses and separated by commas. For example: ROUTCODE=(1,2,7).	Correct the syntax.
CMR019E - STATEMENT/ INSTRUCTION REJECTED - KEYWORD PARM "xxxxxxxxxxxx" HAS MORE VALUES IN LIST THAN MAX ALLOWED nnn	The keyword parameter indicated in the double quotes specified a sub-parameter list containing more items than the maximum allowed (nnn) for the parameter.	Correct the syntax.
CMR020E - STATEMENT/ INSTRUCTION REJECTED - KEYWORD PARM "xxxxxxxxxxxx" CANNOT SPECIFY A LIST OF VALUES	Keyword parameter xxxxxxxxxxxx was specified with a list of values, but only one value is allowed.	Correct the syntax.
CMR021E - SPECIFY ONLY ONE VALUE AND REMOVE PAREN	This is a supplemental message to CMR020E indicating the action to take to correct the parameter syntax.	Correct the syntax.
CMR022E - STATEMENT/ INSTRUCTION REJECTED - KEYWORD PARM "xxxxxxxxxxxx" REQUIRES A NUMERIC VALUE	Keyword parameter xxxxxxxxxxxx must have a numeric value specified.	Correct the syntax.
CMR023E - STATEMENT/ INSTRUCTION REJECTED - KEYWORD PARM "xxxxxxxxxxxx" MUST BE A STRING OF nnn VALID HEX CHARACTERS	Keyword parameter xxxxxxxxxxxx requires a string of nnn hex characters to be specified.	Correct the syntax.
CMR024E - STATEMENT/ INSTRUCTION REJECTED - TRAILING COMMA ON PREVIOUS CARD INDICATES CONTINUATION, BUT NO CONTINUATION CARD FOUND	A trailing comma on the previous record implies continuation, but no continuation card was found.	Either remove the comma or add a continuation record.
CMR025E - STATEMENT/ INSTRUCTION REJECTED - PARAMETER "xxxxxxxxxxxx" HAS BEEN SPECIFIED MORE THAN ONCE	Parameter xxxxxxxxxxxx has been specified more than once in the same RULE, SELECT, or instruction statement.	Remove the duplicate parameter.
CMR026E - SELECT STATEMENT REJECTED - THE SPECIFIED STATOR/STATUS VALUE "xxxxxxxxxxxxxxxx" IS NOT UNIQUE	The specified status value xxxxxxxxxxxxxxxx is too short to make it a unique value. For example, the minimum unique values for statuses of EBCDIC and EXTRACT are EB and EX respectively.	Correct the syntax.

Message	Description	Action
CMR027E - SELECT STATEMENT REJECTED - KEYWORD PARAMETER "STATOR" OR "STATUS" MAY BE SPECIFIED, BUT NOT BOTH	SELECT statement parameters STATOR and STATUS are mutually exclusive.	Remove one of these parameters from the SELECT statement.
CMR028E - "xxxxxxx" INSTRUCTION REJECTED - ALL INSTRUCTIONS MUST BE SPECIFIED WITHIN A RULE STATEMENT	Instruction xxxxxxxx was not specified within a RULE statement. All instructions must be preceded by a RULE definition statement (in other words RULE NAME=yyyyyyyy).	Correct the syntax.
CMR029E - "xxxxxxx" INSTRUCTION REJECTED - ERROR KEYWORD PARAMETER VALUE "yyyyyyy" IS NOT VALID	The ERROR keyword parameter specifies an invalid value of yyyyyyy in instruction xxxxxxxx.	Correct the syntax.
CMR030E - WAKEUP INSTRUCTION REJECTED - THE CICSDEFN KEYWORD PARAMETER MUST SPECIFY A VALUE OF "TRANSACTION" OR "PROGRAM"	The CICS resource definition parameter must specify either TRANSACTION or PROGRAM.	Correct the syntax.
CMR031E - WAKEUP INSTRUCTION REJECTED - CICSTRANID KEYWORD PARM VALUE MUST BE SPECIFIED WHEN CICSDEFN=TRANSACTION	The CICS resource definition parameter indicated TRANSACTION but no CICS transaction ID was specified.	Correct the syntax.
CMR032E - WAKEUP INSTRUCTION REJECTED - CICSPGMNM KEYWORD PARM VALUE MUST BE SPECIFIED WHEN CICSDEFN=PROGRAM	The CICS resource definition parameter indicated PROGRAM but no CICS program name was specified.	Correct the syntax.
CMR033E - WAKEUP INSTRUCTION REJECTED - CICSTERMID/CICUSER MAY BE SPECIFIED ONLY WHEN CICSDEFN=TRANSACTION	The CICSTERMID and/or CICSUSER parameter was specified. These parameters are only valid when the CICS resource definition is TRANSACTION.	Correct the syntax.
CMR034E - WAKEUP INSTRUCTION REJECTED - CICSTRANID IS VALID ONLY WHEN CICSDEFN=TRANSACTION	The CICSTRANID was specified. This parameter is only valid when the CICS resource definition is TRANSACTION.	Correct the syntax.
CMR035E - WAKEUP INSTRUCTION REJECTED - CICSPGMNM IS VALID ONLY WHEN CICSDEFN=PROGRAM	The CICSPGMNM was specified. This parameter is only valid when the CICS resource definition is PROGRAM.	Correct the syntax.
CMR036E - MESSAGE INSTRUCTION REJECTED - xxxxxxxx PARAMETER KEYWORD VALUE(S) MUST BE SPECIFIED AS 1-16	The MESSAGE instruction keyword parameter xxxxxxxx must specify a numeric value or list of numeric values from 1-16 (where: xxxxxxxx = DESC CODE or ROUT CODE).	Correct the syntax.
CMR037E - SELECT STATEMENT ERROR - RULE "xxxxxxx" IS NOT DEFINED	The RULE name xxxxxxxx referenced in the SELECT statement is not defined.	Either correct the RULE=xxxxxxx parameter in the SELECT statement or create the specified rule.

Message	Description	Action
CMR038E - SELECT STATEMENT REJECTED - NO SELECTION PARAMETERS ARE SPECIFIED	No selection criteria parameters are specified on the SELECT statement. Each SELECT statement must have at least one parameter specified in addition to the RULE parameter.	Specify one or more parameters on the SELECT statement.
CMR039E - NO VALID SELECT STATEMENTS WERE FOUND, A MINIMUM OF ONE SELECT STATEMENT MUST BE SPECIFIED	The rule set contains no valid SELECT statements.	Specify at least one SELECT statement.
CMR040E - DUPLICATE RULE NAME "xxxxxxx" FOUND. NAMES MUST BE UNIQUE	Two or more RULE statements specified the same rule name. Each rule name defined must be unique within the rule set.	Correct any duplicate rule names.
CMR041E - STORAGE SHORTAGE OCCURRED WHILE BUILDING RULE CONTROL BLOCKS, RULES INITIALIZATION TERMINATED	During rules initialization, Sterling Connect:Enterprise could not obtain the required storage.	Increase the region size in the Sterling Connect:Enterprise JCL.
CMR042E - RULES DD LOGICAL RECORD LENGTH NOT 80 BYTES	The data set name specified in the //RULES DD statement does not have a record length of 80 bytes.	Allocate the RULES DD file as a PDS with DCB parameters: RECFM=FB,LRECL=80.
CMR043E - RULES DD RECORD FORMAT NOT FIXED BLOCKED	The data set name specified in the //RULES DD statement does not have a record format of fixed blocked.	Allocate the RULES DD file as a PDS with DCB parameters: RECFM=FB,LRECL=80.
CMR044E - RULESxxx MEMBER "yyyyyyy" NOT FOUND IN SPECIFIED RULES DD LIBRARY	Rule type xxx (xxx = CON EOB LOG SCH WKT) member yyyyyyy is not found in the //RULES DD data set.	Make sure you specified the correct rule set member name in the RULESCON, RULESEOB, RULESLOG, RULESSCH and RULESWKT parameters.
CMR045E - NO VALID RULE STATEMENTS WERE FOUND, A MINIMUM OF ONE RULE STATEMENT MUST BE SPECIFIED	The rule set contains no valid RULE statements.	Specify at least one RULE statement.
CMR046E - OPEN FAILED FOR RULES DD FILE, R15=nnn	An open error occurred for the RULES DD file. The open error returned in register 15 is displayed as R15=nnn.	Determine the exact return code error and make the necessary corrections.
CMR047E - DATA NOT AVAILABLE TO REPLACE SYMBOLIC(S)	A symbolic variable specified in the TEXT parameter of either the COMMAND or MESSAGE instruction is invalid for the rule type.	Correct the TEXT parameter to include only valid symbolic.
CMR048E - INVALID RULES TYPE FOR SPECIFIED SYMBOLIC	A symbolic variable specified in the TEXT parameter of either the COMMAND or MESSAGE instruction is invalid for the rule type.	Correct the TEXT parameter to include only valid symbolics.

Message	Description	Action
CMR049E - INVALID LOG RECORD SCAN TYPE	A symbolic variable specified in the TEXT parameter of either the COMMAND or MESSAGE instruction is invalid for the log record type as indicated by the RECTYPE parameter.	Correct the TEXT parameter to include only valid symbolics. R
CMR050E - SELECT STATEMENT REJECTED - KEYWORD PARAMETER "ORIGIN" HAS AN INVALID VALUE	An invalid value was specified for the ORIGIN keyword parameter. Valid values are ALL, EOBRULES, and EOBEXIT.	Correct the parameter value.
CMR051E - SELECT STATEMENT REJECTED - THE GENERIC BATCH ID MUST BE 1-63 CHARACTERS, ENCLOSED IN DOUBLE QUOTES	The BATCHID (or BID) parameter is incorrectly specified. A generic BATCHID value must be enclosed in double quotes and a literal BATCHID value must be enclosed in single quotes (in other words, "generic batchid" or 'literal batchid').	Correct the syntax.
CMR052E - "xxxxxxx" LIST VALUES MUST BE IN PARENTHESES AND CONTAIN A NUMERIC LIST SEPARATED BY COMMAS OR A RANGE "nnnn-nnnn"	Keyword parameter xxxxxxx list values are incorrectly specified. The value(s) must either be a list of one or more numeric values or a range of numeric values nnnn-nnnn.	Correct the syntax.
CMR053E - SELECT STATEMENT REJECTED - "xxxxxxx" LIST VALUES MUST BE 4 DIGITS, SPECIFYING THE CHARACTER REPRESENTATION OF THE BINARY DATA	Keyword parameter xxxxxxx list values are incorrectly specified. The item(s) must be either a list of one or more hex values or a single range of hex values (for example, 0001-00F9).	Correct the syntax.
CMR054E - SELECT STATEMENT REJECTED - "xxxxxxx" LIST VALUES MAY NOT SPECIFY MORE THAN ONE NUMERIC RANGE "nnnn-nnnn"	Keyword parameter xxxxxxx list values are incorrectly specified. The item(s) must be either a list of one or more numeric values or a single range of numeric values nnnn-nnnn.	Correct the syntax.
CMR055E - SELECT STATEMENT REJECTED - "xxxxxxx" LIST VALUES MAY NOT CONTAIN EMBEDDED BLANKS	Keyword parameter xxxxxxx list values are incorrectly specified. The item(s) cannot contain embedded blanks.	Correct the syntax.
CMR056E - SELECT STATEMENT REJECTED - "xxxxxxx" LIST MUST SPECIFY SINGLE VALUES OR RANGE, NOT BOTH	Keyword parameter xxxxxxx list values are incorrectly specified. The value(s) must either be a list of one or more numeric values or a range of numeric values nnnn-nnnn.	Correct the syntax.
CMR057E - SELECT STATEMENT REJECTED - "xxxxxxx" LIST RANGE INVALID. FIRST RANGE VALUE MUST BE LESS THAN SECOND RANGE VALUE	Keyword parameter xxxxxxx incorrectly specified a numeric range of values. The begin range value is greater than the end range value.	Correct the syntax.

Message	Description	Action
CMR058E - SELECT STATEMENT REJECTED - KEYWORD PARAMETER "CICSTRANID" OR "CICSPGMNM" MAY BE SPECIFIED, BUT NOT BOTH	The SELECT statement specifies both the CICSTRANID and CICSPGMNM parameter. Only one of these parameters can be specified on each SELECT statement.	Correct the syntax.
CMR059E - SELECT STATEMENT REJECTED - KEYWORD PARAMETER "BATCHID" or "BID" MAY BE SPECIFIED, BUT NOT BOTH	The SELECT statement specifies both the long form and short form of the user batchID parameter (BATCHID and BID respectively). This parameter can only be specified once on each SELECT statement.	Correct the syntax.
CMR060E - SELECT STATEMENT REJECTED - KEYWORD PARAMETER "ACFUNC" CONTAINS AN INVALID VALUE "xxxx"	Keyword parameter ACFUNC contains the listed invalid value. Valid values are RECV and SEND.	Correct the syntax.
CMR061E - SELECT STATEMENT REJECTED - KEYWORD PARAMETER "ACQREASON" CONTAINS AN INVALID VALUE "xxxxxxx"	Keyword parameter ACQREASON contains the listed invalid value. Valid values are ACTIVE, LINE, SESSION, and THREAD.	Correct the syntax.
CMR062E - SELECT STATEMENT REJECTED - KEYWORD PARAMETER "LOGFUNC" CONTAINS AN INVALID VALUE "xxxxxxx"	Keyword parameter LOGFUNC contains the listed invalid value. Valid values are NEW and UPDATE.	Correct the syntax.
CMR063E - SELECT STATEMENT REJECTED - KEYWORD PARAMETER "RCFUNC" CONTAINS AN INVALID VALUE "xxxxx"	Keyword parameter RCFUNC contains the listed invalid value. Valid values are ADD, CONN, DEL, DIR, DISC, NOADD, REQ, and SIGNON.	Correct the syntax.
CMR064E - SELECT STATEMENT REJECTED - KEYWORD PARAMETER "RECTYPE" CONTAINS AN INVALID VALUE "xxxxxxxxx"	Keyword parameter RECTYPE contains the listed invalid value. Valid values are ACDETAIL, ACQUEUE, ACSUMMARY, RCDETAIL, and RCSUMMARY.	Correct the syntax.
CMR065E - SELECT STATEMENT REJECTED - KEYWORD PARAMETER "STATxx" CONTAINS AN INVALID VALUE "xxxxxxxxxxxxxxxxx"	Keyword parameter STATOR/STATUS contains the listed invalid value. <i>See the IBM Sterling Connect:Enterprise for z/OS User's Guide for valid STATOR/STATUS values.</i>	Correct the syntax.
CMR066E - SELECT STATEMENT REJECTED - KEYWORD PARAMETER "xxxxxxxx" IS NOT VALID FOR RECTYPE=yyyyyyyy	The listed keyword parameter is not valid for the log record type.	Correct the syntax.
CMR067E - "xxxxxxxx" LIST VALUES MUST BE IN PARENTHESES AND CONTAIN A NUMERIC LIST SEPARATED BY COMMAS OR A RANGE "nnnn-nnnn"	The listed keyword parameter has a numeric list of values incorrectly specified. Either a list of numeric values or a single range of values can be specified as nnnn-nnnn. Leading zeros are not required.	Correct the syntax.

Message	Description	Action
CMR068E - SELECT STATEMENT REJECTED - "xxxxxxx" LIST VALUES MUST BE 1-3 DIGITS	The listed keyword parameter has a list of incorrectly specified values. Each value in the list must be 1-3 digits.	Correct the syntax.
CMR069E - SELECT STATEMENT REJECTED - "xxxxxxx" LIST VALUES MAY NOT SPECIFY MORE THAN ONE NUMERIC RANGE "nnnn-nnnn"	The listed keyword parameter has a numeric list of values incorrectly specified. Either a list of numeric values or a single range of values can be specified as nnnn-nnnn. Leading zeros are not required.	Correct the syntax.
CMR070E - SELECT STATEMENT #sssssss RULE=xxxxxxx RECTYPE=yyyyyyyyy	This message precedes additional error messages. The parameters in the message are: sssssss = SELECT statement sequence number xxxxxxx = RULE referenced in SELECT statement yyyyyyyyy = Log record type	None.
CMR071E - TEXT='xxx . . . xxx'	This message precedes an additional error message and displays the TEXT keyword parameter value from either the COMMAND or MESSAGE instruction.	None.
CMR072E - DATA NOT AVAILABLE TO REPLACE SYMBOLIC(S) FOR SPECIFIED LOG RECORD TYPE	This message is preceded by CMR070E and CMR071E. One or more symbolic variables specified in the indicated rule are invalid for the log record type.	Correct the syntax.
CMR096E - SELECT STATEMENT REJECTED - KEYWORD PARAMETER "TIME" CONTAINS AN INVALID VALUE "xxxxx"	This TIME parameter value must be specified in hh:mm format.	Correct the syntax. Refer to <i>IBM Sterling Connect:Enterprise for z/OS Application Agents and User Exits Guide</i> for more information.
CMR097E - RULE NAME "xxxxxxx" REJECTED - AT LEAST ONE ONE INSTRUCTION MUST BE SPECIFIED.	A rule was specified, without any instructions. Every rule must have at least one corresponding instruction.	Correct the syntax. Refer to <i>IBM Sterling Connect:Enterprise for z/OS Application Agents and User Exits Guide</i> for more information.
CMR099E - ROUTE INSTRUCTION REJECTED - THE CASE KEYWORD PARAMETER MUST SPECIFY A VALUE "YES/NO" or "Y/N".	The CASE parameter keyword value was incorrectly specified in the ROUTE instruction.	Correct the syntax. Refer to <i>IBM Sterling Connect:Enterprise for z/OS Application Agents and User Exits Guide</i> for more information.



Message	Description	Action
CMR100E - ROUTE INSTRUCTION REJECTED - KEYWORD PARAMETER "PROC" OR "PROCDSN" MUST BE SPECIFIED, BUT NOT BOTH.	The PROCESS member to be submitted to Sterling Connect:Direct was specified more than once in the current ROUTE instruction.	Correct the syntax. Refer to <i>IBM Sterling Connect:Enterprise for z/OS Application Agents and User Exits Guide</i> for more information.
CMR101E - Transport method is not SNA or TCP.	The specified protocol, used to establish a connection to Sterling Connect:Direct is invalid.	Correct the syntax. Refer to <i>IBM Sterling Connect:Enterprise for z/OS Application Agents and User Exits Guide</i> for more information.
CMR102E - Transport port is not numeric, or is out of range.	The specified TCP port number must be numeric.	Correct the syntax. Refer to <i>IBM Sterling Connect:Enterprise for z/OS Application Agents and User Exits Guide</i> for more information.
CMR103E - Signonuid is required.	The SIGNONUID value is not specified.	Correct the syntax. Refer to <i>IBM Sterling Connect:Enterprise for z/OS Application Agents and User Exits Guide</i> for more information.
CMR104E - Locappl is required when MBappl is present.	The LOCAPPL parameter value is required when MBAPPL is specified.	Correct the syntax. Refer to <i>IBM Sterling Connect:Enterprise for z/OS Application Agents and User Exits Guide</i> for more information.
CMR105E - MBappl is required when Locappl is present.	The MBAPPL parameter value is required when LOCAPPL is specified.	Correct the syntax. Refer to <i>IBM Sterling Connect:Enterprise for z/OS Application Agents and User Exits Guide</i> for more information.
CMR106E - Logmode is required when Locappl is present	The LOGMODE parameter value is required when LOCAPPL is specified.	Correct the syntax. Refer to <i>IBM Sterling Connect:Enterprise for z/OS Application Agents and User Exits Guide</i> for more information.

Message	Description	Action
CMR107E - MailboxUID is required when MBappl is present	The MAILBOXUID parameter value is required when MBAPPL is specified.	Correct the syntax. Refer to <i>IBM Sterling Connect:Enterprise for z/OS Application Agents and User Exits Guide</i> for more information.
CMR108W - Transport port may be too large	The TCP port number specified may be too large a number.	Correct the syntax. Refer to <i>IBM Sterling Connect:Enterprise for z/OS Application Agents and User Exits Guide</i> for more information.
CMR109W - Transport port may be too small.	The TCP port number specified may be too small a number.	Correct the syntax. Refer to <i>IBM Sterling Connect:Enterprise for z/OS Application Agents and User Exits Guide</i> for more information.
CMR110E - Vtam buffer size is not numeric.	The specified BUFSIZE must be numeric.	Correct the syntax. Refer to <i>IBM Sterling Connect:Enterprise for z/OS Application Agents and User Exits Guide</i> for more information.
CMR111I – SELECT Statement sssssss MSG01 list value xx not found in STMSGT - first eight characters are: ccccccc	A CONSOLE Application Agent rule SELECT statement MSG01 parameter contains a MSGID that is not in the Sterling Connect:Enterprise message table, where ssssssss is the SELECT statement number, xx is the MSG01 value list position, and ccccccc is the first eight characters of the MSGID not in STMSGT.	None. It is not necessary for the msg to be defined by Sterling Connect:Enterprise, since a Console Agent event can also be triggered by either a \$\$INVOKE RULES=CON command, or a MESSAGE CONEVENT=YES Application Agent instruction. But if the MSGID is not correct, you must correct it and refresh all the rules.
CMR112E – "SNMPTRAP" INSTRUCTION REJECTED - PORT KEYWORD PARAMETER VALUE "nnnnn" IS NOT BETWEEN 1 AND 65535	An Application Agent SNMPTRAP instruction PORT parameter value was not numeric or was outside the required range.	Correct the syntax. Refer to the <i>IBM Sterling Connect:Enterprise for z/OS Application Agents and User Exits Guide</i> .
CMR113E – "SNMPTRAP" INSTRUCTION REJECTED - GROUP1 KEYWORD PARAMETER VALUE "cccccc" IS NOT "ALARM" OR "STATUS"	An Application Agent SNMPTRAP instruction GROUP1 parameter value "cccccc" IS NOT "ALARM" OR "STATUS".	Correct the syntax. Refer to the <i>IBM Sterling Connect:Enterprise for z/OS Application Agents and User Exits Guide</i> .

Message	Description	Action
CMR114E – "SNMPTRAP" INSTRUCTION REJECTED - GROUP2 KEYWORD PARAMETER VALUE "nnnn" IS NOT BETWEEN 1 AND 9999	An Application Agent SNMPTRAP instruction GROUP2 parameter value "nnnn" was not numeric or was outside the required range.	Correct the syntax. Refer to the <i>IBM Sterling Connect:Enterprise for z/OS Application Agents and User Exits Guide</i> .
CMR115I – SELECT Statement ssssssss MSG01 list value xx cccccccc can be triggered only by \$\$INVOKE or MESSAGE CONEVENT=YES.	A CONSOLE Application Agent rule SELECT statement MSG01 parameter contains a MSGID value that cannot trigger a CONSOLE application agent except when specified by \$\$INVOKE or by a MESSAGE instruction, which has CONEVENT=YES specified. ssssssss is the SELECT statement number, xx is the MSG01 value list position, and cccccccc is the MSGID. If STCC03 triggering were permitted, an infinite loop or other errors could result.	The ineligible MSGID in the MSG01 value list is discarded. If no other values are specified in list, the SELECT statement is completely ignored. Examine the rule set and remove the ineligible message(s) from the CONSOLE rule set.
CMR117E - STATFLG INSTRUCTION REJECTED - KEYWORD PARAMETER "ONFLAGS/OFFFLAGS" CONTAINS ONE OR MORE DUPLICATE STATUS(ES)	Either ONFLAGS or OFFFLAGS must be specified. Both of these parameters may be specified on a single STATFLG instruction, but may not have conflicting (redundant) values.	Correct the syntax. Refer to <i>IBM Sterling Connect:Enterprise for z/OS Application Agents and User Exits Guide</i> for more information.
CMR118E - STATFLG INSTRUCTION REJECTED - KEYWORD PARAMETER "ONFLAGS/OFFFLAGS" CONTAINS AN INVALID VALUE "XXXXXXXXXX"	Either ONFLAGS or OFFFLAGS must be specified. Both of these parameters may be specified on a single STATFLG instruction, but may not have conflicting (redundant) values.	Correct the syntax. Refer to <i>IBM Sterling Connect:Enterprise for z/OS Application Agents and User Exits Guide</i> for more information.
CMR119E - STATFLG INSTRUCTION REJECTED - KEYWORD PARAMETER "ON" OR "ONFLAGS" MAY BE SPECIFIED, BUT NOT BOTH	Either ON or ONFLAGS may be specified (short/long form).	Correct the syntax. Refer to <i>IBM Sterling Connect:Enterprise for z/OS Application Agents and User Exits Guide</i> for more information.
CMR124E - SELECT STATEMENT REJECTED - FAILCODES MUST BE SPECIFIED AS A VALUE OF 0-255.	A valid remote connect or auto connect fail code value of 0–255 must be specified on the FAILCODE= parameter.	Correct the syntax. Refer to the <i>IBM Sterling Connect:Enterprise for z/OS Application Agents and User Exits Guide</i> .
CMR120E - STATFLG INSTRUCTION REJECTED - KEYWORD PARAMETER "OFF" OR "OFFFLAGS" MAY BE SPECIFIED, BUT NOT BOTH	Either OFF or OFFFLAGS may be specified (short/long form).	Correct the syntax. Refer to <i>IBM Sterling Connect:Enterprise for z/OS Application Agents and User Exits Guide</i> for more information.

Message	Description	Action
CMR121E - SELECT STATEMENT REJECTED - THE SPECIFIED CALENDAR "xxxxxxx" IS NOT DEFINED IN THE ODF	A SCHEDULER Application Agent rule SELECT statement CALENDAR parameter contains a value that is not defined in the *CALENDAR section of the Options Definition File.	Correct the syntax. Refer to <i>IBM Sterling Connect:Enterprise for z/OS Application Agents and User Exits Guide</i> for more information.
CMR122I - THE CALENDAR WILL NOT BE USED FOR THIS SELECT STATEMENT, SINCE NO TIME PARAMETER WAS SPECIFIED	A SCHEDULER Application Agent rule SELECT statement CALENDAR parameter is specified. However, since no associated TIME parameter is present, the calendar will not be used.	None
CMR123E - ROUTE INSTRUCTION REJECTED - THE ESF KEYWORD PARAMETER MUST SPECIFY A VALUE "YES/NO" or "Y/N".	The ESF parameter keyword value was incorrectly specified in the ROUTE instruction.	Correct the syntax. Refer to <i>IBM Sterling Connect:Enterprise for z/OS Application Agents and User Exits Guide</i> for more information.
CMR125E - SELECT STATEMENT REJECTED - VALUE SPECIFIED FOR WILD_CARD IS NOT VALID	A SELECT statement contains a value other than BID for the WILD_CARD parameter.	Correct the syntax by specifying BID for the WILD_CARD parameter. Refer to <i>IBM Sterling Connect:Enterprise for z/OS Application Agents and User Exits Guide</i> for more information.
CMR126E - SELECT STATEMENT REJECTED - CASE_SENSITIVE PARAMETER MUST SPECIFY A VALUE OF "YES/NO" OR "Y/N"	A SELECT statement contains a value other than YES, NO, Y, or N for the CASE_SENSITIVE parameter.	Correct the syntax. Refer to <i>IBM Sterling Connect:Enterprise for z/OS Application Agents and User Exits Guide</i> for more information.
CMR127E - SELECT STATEMENT REJECTED - WILD_CARD_SINGLE_CHAR IS A SUBSTRING OF WILD_CARD_MULTI_CHAR, OR VICE VERSA	The same characters have been specified for both the WILD_CARD_SINGLE_CHAR and WILD_CARD_MULTI_CHAR parameters.	Specify unique characters for the WILD_CARD_SINGLE_CHAR and WILD_CARD_MULTI_CHAR parameters.

Message	Description	Action
CMR701I - rrr yyyyddd-hh:mm:ss xxx Rules processing started, using "rulename" rule dated yyyyddd-hh:mm:ss	Processing has begun for an application agent request. The parameters in the message are: rrr = Three digit rules processor task identifier yyyyddd = Current date (1st date) hh:mm:ss = Current time (1st time) xxx = Application agent type (CON   EOB   LOG   SCH   WKT) rulename = The rule selected for processing yyyyddd = Date of start-up or last rules refresh (2nd date) hh:mm:ss = Time of start-up or last rules refresh (2nd time)	None required.
CMR702I - rrr yyyyddd-hh:mm:ss SELECT statement #nnnnnnnn matched. xxx Application Agent request data:	Identifies the SELECT statement chosen for the application agent request. The parameters in the message are: rrr = Three digit rules processor task identifier yyyyddd = Current date hh:mm:ss = Current time nnnnnnnn = SELECT statement sequence number xxx = Application agent type (CON   EOB   LOG   SCH   WKT)	None required.
CMR703I - rrr yyyyddd-hh:mm:ss xxx Rules processing started, no selection criteria matched	No SELECT statements matched the application agent request. The parameters in the message are: rrr = Three-digit rules processor task identifier yyyyddd = Current date hh:mm:ss = Current time xxx = Application agent type (CON   EOB   LOG   SCH   WKT)	None required.
CMR704I - rrr yyyyddd-hh:mm:ss xxx Rules processing started, ERRORS DETECTED	One or more errors were detected while processing the request. The parameters in the message are: rrr = Three-digit rules processor task identifier yyyyddd = Current date hh:mm:ss = Current time xxx = Application agent type (CON   EOB   LOG   SCH   WKT)	Save the SNAPOUT file, console message, and any other relevant documentation and contact IBM Support.

Message	Description	Action
CMR705I – rrr yyddd-hh:mm:ss SCH Application Agent invoked using xxxxxxx #nnnnnnnn	The Scheduler Application Agent was triggered via \$\$INVOKE using one of two keywords. xxxxxxx = keyword used in \$\$INVOKE (SELECT RULENAME) #nnnnnnnn = if the keyword was SELECT, the SCH rules SELECT statement number specified (1-99999999).	None required.
CMR706I - rrr yyyyddd-hh:mm:ss COMMAND sent to console:	A COMMAND instruction was processed. The first 78 characters of the console command issued is also displayed. The parameters in the message are: rrr = Three-digit rules processor task identifier yyyyddd = Current date hh:mm:ss = Current time	None required.
CMR707I - rrr yyyyddd-hh:mm:ss MESSAGE sent to console:	A MESSAGE instruction was processed. The first 78 characters of the console message issued is also displayed. The parameters in the message are: rrr = Three digit rules processor task identifier yyyyddd = Current date hh:mm:ss = Current time	None required.
CMR708I - rrr yyyyddd-hh:mm:ss EXECUTE program xxxxxxx	An EXECUTE instruction was processed. The parameters in the message are: rrr = Three digit rules processor task identifier yyyyddd = Current date hh:mm:ss = Current time xxxxxxx = Name of the program executed	None required.
CMR709I - rrr yyyyddd-hh:mm:ss SUBMIT member xxxxxxx	A SUBMIT instruction was processed. The parameters in the message are: rrr = Three digit rules processor task identifier yyyyddd = Current date hh:mm:ss = Current time xxxxxxx = Member name	None required.

Message	Description	Action
CMR710I - rrr yyyyddd-hh:mm:ss WAKEUP cicssysid=xxxx cicspgmnm=xxxxxxxx or cicstranid=xxxx or cicstermid=xxxx cicsuser=xxxxxxxx	A WAKEUP instruction was processed. The CICS program name/transaction ID/terminal ID/user ID combination is also displayed. The parameters in the message are: rrr = Three digit rules processor task identifier yyyyddd = Current date hh:mm:ss = Current time xxxx = Data values in the application agent request	None required.
CMR711I - rrr yyyyddd-hh:mm:ss NOP	A NOP (No OPeration) instruction was processed. The parameters in the message are: rrr = Three-digit rules processor task identifier yyyyddd = Current date hh:mm:ss = Current time	None required.
CMR712I – rrr yyyyddd-hh:mm:ss SNMPTRAP Description:	An application agent issued an SNMPTRAP instruction. This message is followed by multiple CMR713I messages that describe the SNMPTRAP instruction and its parameters both before and after variable resolution.	None required.

Message	Description	Action
CMR713I – rrr yyyyddd-hh:mm:ss <variable text>	An Application Agent issued an SNMPTRAP instruction. It is described by multiple CMR713I messages, as follows: TEXT (U) = <SNMPTRAP TEXT value before var resolution> TEXT (R) = SNMPTRAP TEXT value after var resolution> IPADDR = <SNMPTRAP IPADDR value (alias, if available)> PORT = <SNMPTRAP PORT value> GROUP1 = <SNMPTRAP GROUP 1 numeric value> GROUP2 = <SNMPTRAP GROUP 2 value> TRAP OID = <the generated OID which identifies the trap> TRAPDATA = <the entire encoded ASCII SNMP trap> " " := <continues a previous line, if necessary>. If the IPADDR value is in dotted decimal format, the alias is a DNS host name, and vice versa. If the alias is available, it is enclosed in parentheses.	None required.
CMR714E – SNMPTRAP ERROR: BPX1pgm RV/RC/RSN=v/c/n text.	An application agent issued an SNMPTRAP instruction that failed due to an error in a callable Unix System Service. BPX1pgm is the callable USS, where 'pgm' is variable. The RETURN_VALUE, RETURN_CODE and REASON_CODE are 'v', 'c' and 'n', respectively, 'text' is a brief explanation. The ipaddr is in the preceding line of the RULTRACE DD.	Usually, the problem is due to an invalid ipaddr. Correct the error, refresh the rules, and retry. The error codes are documented in <i>z/OS UNIX System Services Messages and Codes (SA22-7807-08)</i> .
CMR715I – rrr yyyyddd-hh:mm:ss STATFLG ONFLAGS=xxxxx OFFFLAGS=xxxxx STATUS before: xxxxxxxxxxxxxxxxxxxxxx after: xxxxxxxxxxxxxxxxxxxxxx	An application agent issued a STATFLG instruction. ONFLAGS=xxxxx and OFFFLAGS=xxxxx displays the R, D, T, E, and M flags requested to be turned on or off. If there are no flags requested for either ONFLAGS or OFFFLAGS, xxxxx is replaced with 'none', indicating the parameter was not specified. STATUS before: xxxxxxxxxxxxxxxxxxxxxx after: xxxxxxxxxxxxxxxxxxxxxx displays a standardized 20-character string of the batch status flags before and after the instruction was executed.	None required.



Message	Description	Action
CMR720I - rrr yyyyddd-hh:mm:ss xxx Rules processing complete	Rules processing is complete for this application agent request. The parameters in the message are: rrr = Three digit rules processor task identifier yyyyddd = Current date hh:mm:ss = Current time xxx = Application agent type (CON   EOB   LOG   SCH   WKT)	None required.
CMR730I - rrr yyyyddd-hh:mm:ss ID=xxxxxxx B#=xxxxxxx BATCHID=xxxxxxxxxxxxxxxxxxxxxxxx REMOTE=xxxxxxx LINEID=xxxxxxx	This is an informational message displaying the Mailbox ID, batch number, batch ID, remote name, and line ID values in the application agent request. The trace has two lines per batch, CMR730I and CMR760I.  The parameters in the message are: rrr = Three-digit rules processor task identifier yyyyddd = Current date hh:mm:ss = Current time xxx... = Data values in the application agent request	None required.
CMR731I - rrr yyyyddd-hh:mm:ss STATUS=xxxxxxxxxxxx	This is an informational message displaying the batch status values in the application agent request. The parameters in the message are: rrr = Three-digit rules processor task identifier yyyyddd = Current date hh:mm:ss = Current time xxx... = Data values in the application agent request	None required.
CMR732I - rrr yyyyddd-hh:mm:ss STATUS=xxxxxxxxxxxxxxxxxxxx xxxxxxxxxxxxxxxxxxxx CICSPGMNM=xxxxxxx ORIGIN=xxxxxxx RTNCODE=xxxx	This is an informational message displaying the batch status, CICS program name, wakeup origin, and wakeup return code values in the application agent request. The parameters in the message are: rrr = Three-digit rules processor task identifier yyyyddd = Current date hh:mm:ss = Current time xxx... = Data values in the application agent request	None required.

Message	Description	Action
CMR733I - rrr yyyyddd-hh:mm:ss RECTYPE=xxxxxxxx LOGFUNC=update LISTNAME=xxxxxxxx KEY=xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	This is an informational message displaying the log record type, log function, Auto Connect listname, and log record key values in the application agent request. The parameters in the message are: rrr = Three-digit rules processor task identifier yyyyddd = Current date hh:mm:ss = Current time xxx... = Data values in the application agent request	None required.
CMR734I - rrr yyyyddd-hh:mm:ss RECTYPE=xxxxxxxx LOGFUNC=xxxxxx REMOTE=xxxxxxx KEY=xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	This is an informational message displaying the log record type, log function, remote name, and log record key values in the application agent request. The parameters in the message are: rrr = Three-digit rules processor task identifier yyyyddd = Current date hh:mm:ss = Current time xxx... = Data values in the application agent request	None required.
CMR735I - rrr yyyyddd-hh:mm:ss ACFUNC=xxxxx FAILCODE=xxx RTYPE=xxx	This is an informational message displaying the Auto Connect function and failcode values in the application agent request. The parameters in the message are: rrr = Three digit rules processor task identifier yyyyddd = Current date hh:mm:ss = Current time xxx... = Data values in the application agent request	None required.
CMR736I - rrr yyyyddd-hh:mm:ss RCFUNC=xxxxxx FAILCODE=xxx RTYPE=xxx	This is an informational message displaying the remote connect function and failcode values in the application agent request. The parameters in the message are: rrr = Three digit rules processor task identifier yyyyddd = Current date hh:mm:ss = Current time xxx... = Data values in the application agent request	None required.

Message	Description	Action
CMR737I - rrr yyyyddd-hh:mm:ss ACQREASON=xxxxxxx RTYPE=xxx	This is an informational message displaying the Auto Connect queue reason value in the application agent request. The parameters in the message are:  rrr = Three-digit rules processor task identifier yyyyddd = Current date hh:mm:ss = Current time xxx... = Data values in the application agent request	None required.
CMR740I - rrr yyyyddd-hh:mm:ss USERLOG TEXT= xxxxxxxxxxxxxxxxxxxx  xxxxxxxxxxxxxxxxxxxxxxxxxxxx (480 BYTES)  xx  xx  xx  xx  xx  xx  xxxxxxxxxxxxxxxxxxxxxxxxxxxx	This is an informational message displaying USERLOG text from the ACD userlog record. The parameters in the message are:  rrr = 3-digit rules processor task identifier yyddd = current date hhmmss = current time xxxx... = data values in the application agent request	None required.
CMR750I - rrr yyddd-hh:mm:ss CON Selection Processing started.	The Console Application Agent was triggered by one of the following. It will search for a matching SELECT statement.  Sterling Connect:Enterprise issued a message with a msgid matching a value in a Console agent rule's MSG01 parameter.  An Application Agent specified a MESSAGE instruction which contained the parameter CONEVENT=YES.  The \$\$INVOKE RULES=CON command was issued.  CMR750I is followed by one or more CMR751I and CMR752I messages which show the results of the match search.	None required.

Message	Description	Action
CMR751I – rrr yyddd-hh:mm:ss Match on SELECT stmt ssssssss MSGmm xxxxxxxxxxxxxxxxxxxx and list word nn yyyyyyyyyyyyyyyyyy	This message is issued for each matching parameter in a Console Agent SELECT statement. If all criteria in a SELECT statement match, the final CMR751I is immediately followed by CMR753I which signals the end of the selection phase.  ss..ss is the SELECT statement number in the rule set.  MSGmm is a parameter in the SELECT statement.  xx..xx is the matching word in the message text.  nn is the number of the matching mask in MSGmm.  yy..yy is the first 20 bytes of the matching mask.	None required.
CMR752I – rrr yyddd-hh:mm:ss No Match on SELECT stmt ssssssss MSGmm xxxxxxxxxxxxxxxxxxxx	This message is issued for each non-matching parameter in a Console Agent SELECT statement. If no SELECT statement matches, the final CMR752I is immediately followed by CMR753I which signals the end of the selection phase.  ss..ss is the SELECT statement number in the rule set.  MSGmm is a parameter in the SELECT statement.  xx..xx is the non-matching word in the message text.	None required.
CMR753I – rrr yyddd-hh:mm:ss CON Selection Processing ended	The Console Application Agent search for a matching SELECT statement is ended. If a matching SELECT statement was found, this message is immediately preceded by a CMR751I message. Otherwise, it is preceded by a CMR752I message.	
CMR754I - rrr yyddd-hh:mm:ss MSG=CMB2103I - C:E FTP CLIENT THREAD INITIALIZATION COMPLETE. 0002 SESSION THREADS ALLOC	Sterling Connect:Enterprise FTP session thread initialization successfully completed. All session threads were allocated.	None required.
Message: CMR760I - rrr yyddd-hh:mm:ss BID=xxxxxxxxxxxxxxxxxxxx  xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx xxxxxxxx	This is an informational message displaying the full 64 character batch ID value in the application agent request.  rrr = 3-digit rules processor task identifier yyddd = current date hhmmss = current time xxxx... = data values in the application agent request	None required.

Message	Description	Action
CMR799I - rrr yyyyddd-hh:mm:ss xxx rules "yyyyyyy" processing error, return code = nnnn	The parameters in the message are: rrr = Three-digit rules processor task identifier yyyyddd = Current date hh:mm:ss = Current time xxx... = Data values in the application agent request yyyyyyy = Instruction where the error occurred nnn = Return code from the instruction	Call IBM Support.
CMR999E - RULES MESSAGE CODE nnn NOT IN TABLE	Message code nnn is not found in the rules message table.	Call IBM Support.



# ISPF Interface Messages

This chapter contains the Sterling Connect:Enterprise ISPF interface error messages. These messages begin with the **CMIxxxx** identifier.

Message	Description	Action
CMI001T - No APPLID group record found/created for ISPF administration file	An error was encountered when attempting to read the VTAM APPL group record from the VSAM Administration file and one internal control block could not be created. The ISPF Interface continues to initialize, but will not be able to communicate with any Sterling Connect:Enterprise systems until the problem is corrected and the Interface restarted.	Verify that the VSAM Administration file is properly defined and allocated. Ensure that there has been no data corruption of the VSAM Administration file. Also, ensure that there is enough region allocated to your TSO address space.
CMI002T - Open failed for administration file r15=xxx r0=xxx	An error was encountered when attempting to open the VSAM Administration file. The ISPF Interface terminates immediately.	Verify that the VSAM Administration file is properly defined and allocated.
CMI003T - GENCBs failed for administration file	An error was encountered when attempting to create VSAM control blocks used to access the VSAM Administration File. The ISPF Interface terminates immediately.	Verify that the VSAM Administration file is properly defined and allocated. Also, ensure that there is enough region allocated to your TSO address space.
CMI004S - GETDIR failed for administration file RC=xxx RSN=xxx	An error was encountered when attempting to read records from the VSAM Administration File. The ISPF Interface continues to initialize, but will not be able to communicate with any Sterling Connect:Enterprise systems until the problem is corrected and the ISPF Interface is restarted.	Verify that the VSAM Administration file is properly defined and allocated. Ensure that there has been no data corruption of the VSAM Administration file. Also, ensure that there is enough region allocated to your TSO address space.

<b>Message</b>	<b>Description</b>	<b>Action</b>
CMI005T - Init_Server failed for VSAM Message Server xxxx RC=xxx RSN=xxx	An error was encountered when attempting to establish the proper processing environment for the ISPF Interface. The ISPF Interface terminates immediately.	Ensure that there is enough region allocated to your TSO address space.
CMI006S - A2C_CALL failure in xxxxxxxx for xxxxxxxx RC=xxx RSN=xxx	An error was encountered when attempting to execute basic service functions for the ISPF Interface. The ISPF Interface terminates immediately.	Ensure that there is enough region allocated to your TSO address space.
CMI007E - MAM table is full	The maximum number of Sterling Connect:Enterprise Connection Definition entries have been created. The remaining Connection Definition records in the VSAM Administration file cannot be read. The ISPF Interface terminates immediately.	Verify that the VSAM Administration file is properly defined and allocated. Ensure that there has been no data corruption of the VSAM Administration file. Also, ensure that there is enough region allocated to your TSO address space.
CMI008E - PUTDIR failed for administration file RC=xxx RSN=xxx	An error was encountered when attempting to write records to the VSAM Administration file. The ISPF continues to execute, but may not be able to communicate with any Sterling Connect:Enterprise systems until the problem is corrected and the ISPF Interface restarted.	Verify that the VSAM Administration file is properly defined and allocated. Ensure that you have the proper authority to update the VSAM Administration file. Also, ensure that there is enough region allocated to your TSO address space.
CMI009T - Sxxxx detected, See BTSNAP data, ISPF Interface terminating	An ABEND has been encountered within the ISPF Interface. If the BTSNAP and SYSUDUMP files are allocated, a dump will be created. The ISPF Interface terminates immediately.	Obtain a copy of the dump. If a resolution to the problem cannot be found, contact IBM Support.
CMI010T - Connect:Enterprise ISPF evaluation period expired	The evaluation period for the ISPF Interface has been reached. The ISPF Interface terminates immediately.	Contact IBM Support.
CMI011I - Connect:Enterprise ISPF evaluation period expires in xx days	This warning message indicates that the ISPF Interface is within xx days of becoming non-operational. The ISPF Interface will continue to function until the expiration date is reached.	Contact IBM Support.
CMI012T - Internal error (xxx)	An internal error has occurred. The ISPF Interface terminates immediately.	Contact IBM Support.
CMI013T - Connect:Enterprise ISPF not authorized to run on this CPU	You are not authorized to execute the ISPF Interface on the current system. The ISPF Interface terminates immediately.	Contact IBM Support.



<b>Message</b>	<b>Description</b>	<b>Action</b>
CMI014T - Required load module (xxxxxxx) not in execution library	The named module could not be found in the ISPLLIB library. The ISPF Interface terminates immediately.	Ensure the named module can be accessed by the ISPF Interface.
CMI015I - After dump hit attention to return to main ISPF menu.	Because of a previous error, the ISPF interface is executing a dump. The keyboard will remain locked for several seconds.	Press ENTER to return to the ISPF Primary menu.
CMI980T - Internal Error, Message number nnn is invalid	The ISPF Interface user message utility was changed incorrectly. The message number listed has a coding error.	Review the coding changes you made. Correct the coding errors, reassemble and link module MZMCPUMT, and execute the ISPF Interface again.
CMI981T - Internal Error, the last msg, #999 not found in MZMCPUMT	The ISPF Interface user message utility was changed incorrectly. Message 999 must be the last message in the table. The text should not be changed.	Review the coding changes you made. Correct the coding errors, reassemble and link module MZMCPUMT, and execute the ISPF Interface again.
CMI982T - Internal Error, the UMT is invalid nnn messages processed	The ISPF Interface user message utility was changed incorrectly. The message number listed has a coding error.	Review the coding changes you made. Correct the coding errors, reassemble and link module MZMCPUMT, and execute the ISPF Interface again.
CMI983T - Internal Error, file number not correct for UMT msg# 999	The MZMCPUMT module was changed incorrectly, or a message has not been properly defined or removed. The ISPF Interface terminates immediately.	Review the coding changes you made. Correct the coding errors, reassemble and link module MZMCPUMT, and execute the ISPF Interface again.
CMI999T - Internal Error, Message number Mxxx not found in User Message Table (MZMCPUMT)	The MZMCPUMT module was changed incorrectly, or a message has not been properly defined or removed. The ISPF Interface continues to execute.	Review the coding changes you made. Correct the coding errors, reassemble and link module MZMCPUMT, and execute the ISPF Interface again.



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## Cross System Client Utility Error Messages

This chapter contains the Sterling Connect:Enterprise Cross System Client Utility (CSCU) error messages.

You can customize the return codes associated with certain messages which are generated during processing by altering entries in the STOAPIMT table (for more information, refer to *User Message Tables* in the *IBM Sterling Connect:Enterprise for z/OS User's Guide*).

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### Cross System Client Utility Error Messages Written to SYSPRINT (CMAnnnx)

This section describes all Cross System Client Utility messages written to SYSPRINT. These messages begin with the **CMAnnnx** identifier.

Message	Description	Action
CMA001S -- ERROR: NO INPUT CONTROL RECORDS FOUND.	No valid control cards are in the SYSIN data set.	Add or correct control cards and rerun.
CMA002S -- ERROR: ONE OR MORE BLANKS REQUIRED IN FIRST POSITION OF CONTROL RECORD.	Every control record read must have a blank in position 1, except for comment records which may contain an asterisk in position 1.	Correct the input control cards and rerun.
CMA003S -- ERROR: NO DATA FOUND ON CONTROL RECORD.	A blank control record was found in the SYSIN data set.	Correct the control records and rerun.
CMA004S - ERROR: FIRST CONTROL RECORD MUST CONTAIN A VALID OFFLINE UTILITY FUNCTION	The first non-comment record must be: ADD, EXTRACT, LIST or STATFLG.	Correct the control records and rerun.
CMA005S - ERROR: REQUIRED FILE(S) FAILED TO OPEN	A required DD Name is missing. Look in the Job Log for an IEC130I message or in the SYSPRINT Listing for the DD names that failed to open.	Add the DD statement and resubmit the job.

Message	Description	Action
CMA006W - WARNING: nnnnnn ZERO LENGTH RECORDS BYPASSED IN BATCH# nnnnnnn FOR RECFM=U OUTPUT FILE. CONSIDER USING RECFM=V/VB.	During an ICO (InterConnect Option) or CSC EXTRACT, nnnnnnn number of null (zero length) records were detected in BATCH# nnnnnnn and could not be written to the OUTFILE because the record format is undefined. Zero length records cannot be written to a RECFM=U file. A typical use of a null record is to represent a line feed character.	Change the OUTFILE record format attribute to RECFM=V/VB. Null records are valid in a variable length file and are represented by a RDW (Record Descriptor Word) length of 4 (i.e., RDW without data).
CMA007S - ERROR: THE CONTROL RECORD LISTED CONTAINS NON-NUMERIC DATA CONTENTS	A control record which is expected to contain numeric data content was found in the SYSIN file.	Correct control record and rerun.
CMA008S - ERROR: BATCH NUMBER MUST SPECIFY A VALUE 1 TO 7 DIGITS IN LENGTH	A BATCH NUMBER control record either had no data or exceeded maximum length of 7 digits.	Correct control record and rerun.
CMA009S -- ERROR: THE "ID" SPECIFIED DOES NOT EXIST IN THE VBQ.	The value specified by ID does not exist.	Correct the control record and rerun.
CMA010S -- ERROR: NO VALID CONTROL RECORDS WERE FOUND.	All control records in the SYSIN data set are invalid.	Correct the control records and rerun.
CMA011S -- ERROR: THE LAST CONTROL RECORD LISTED IS INVALID.	The control record listed on the SYSPRINT report immediately prior to this message is invalid.	Correct the control record and rerun.
CMA012E -- ERROR: THE \$\$ADD CARD ABOVE IS INVALID AND WILL BE TREATED AS DATA.	An invalid imbedded \$\$ADD card was encountered in the input stream and will be added to the input batch as data.	Correct the \$\$ADD card and rerun, if necessary.
CMA013S - ERROR: DATE VALUES MUST BE EITHER 3, 5, OR 7 DIGITS IN LENGTH	The FROMDATE/TODATE control record contained a date string value that was not the correct length (3, 5, or 7 digits).	Correct control record and rerun.
CMA015E -- ERROR:INVALID STMT, FORMAT MUST BE BATCHNUM=nnnnnnn, BATCHN=nnnnnnn, BATCHNUM=nnnnnnn-nnnnnnn OR BATCHN=nnnnnnn-nnnnnnn	The format of the EXTRACT control record is invalid.	Refer to the <i>IBM Sterling Connect:Enterprise for z/OS User's Guide</i> for the format of this control statement. Correct and rerun.

Message	Description	Action
CMA016E -- ERROR: CONTROL RECORD LISTED IS INVALID. FORMAT MUST BE BATCHID=xxx...xxx, BATCHID=#nnnnnnn, OR BATCHID="xxx...xxx".	The format of the EXTRACT control record is invalid.	Refer to the <i>IBM Sterling Connect:Enterprise for z/OS User's Guide</i> for the format of this control statement. Correct and rerun.
CMA017E - ERROR: "STATUS=" CONTROL RECORD NOT VALID WITH "BATCHID=#NNNNNNN".	The format of the control record is invalid.	Refer to the <i>IBM Sterling Connect:Enterprise for z/OS User's Guide</i> for the format of this control statement. Correct and rerun.
CMA020E - ERROR: REPORT "TYPE=XXXXXXXX" IS REQUIRED. VALID OPTIONS ARE: ACSUMMARY,ACDETAIL,RCSUMMARY,RCDETAIL, ACQUEUE.	The TYPE specified in the REPORT request is invalid.	Refer to the <i>IBM Sterling Connect:Enterprise for z/OS User's Guide</i> for the format of this control statement. Correct and rerun.
CMA021E - CONTROL RECORD "LISTNAME" MUST SPECIFY A VALUE 1 TO 8 CHARACTERS IN LENGTH.	The LISTNAME control record requires a name value.	Refer to the <i>IBM Sterling Connect:Enterprise for z/OS User's Guide</i> for the format of this control statement. Correct and rerun.
CMA022E - CONTROL RECORD "REMOTE" MUST SPECIFY A VALUE 1 TO 8 CHARACTERS IN LENGTH.	The REMOTE control record requires a name value.	Refer to the <i>IBM Sterling Connect:Enterprise for z/OS User's Guide</i> for the format of this control statement. Correct and rerun.
CMA023E - ERROR: REPORT OPTIONAL CONTROL RECORD LISTED IS INVALID.	The optional control record is invalid.	Refer to the <i>IBM Sterling Connect:Enterprise for z/OS User's Guide</i> for the format of this control statement. Correct and rerun.
CMA024E - ERROR: IF FROMDATE=YYDDD IS SPECIFIED, TODATE= YYDDD IS REQUIRED.	An end date is required when a start date is specified.	Refer to the <i>IBM Sterling Connect:Enterprise for z/OS User's Guide</i> for the format of this control statement. Correct and rerun.
CMA025E - ERROR: IF FROMTIME=HHMM IS SPECIFIED, TOTIME= HHMM IS REQUIRED.	An end time is required when a start time is specified.	Refer to the <i>IBM Sterling Connect:Enterprise for z/OS User's Guide</i> for the format of this control statement. Correct and rerun.
CMA026E - ERROR: NO AUTO CONNECT RECORDS MEET THE CONTROL RECORD CRITERIA.	No Auto Connect records were found on the log matching the selection criteria.	None.
CMA027E - ALL BATCHES FOUND HAVE BEEN PREVIOUSLY FLAGGED "D" DELETED.	The batches selected were all flagged as deleted.	None.
CMA028E - ID IS REQUIRED WHEN BATCH NUMBER IS USED.	The control record specified batch number and requires ID.	Refer to the <i>IBM Sterling Connect:Enterprise for z/OS User's Guide</i> for the format of this control statement. Correct and rerun.

Message	Description	Action
CMA029E - ERROR: NO REMOTE CONNECT RECORDS MEET THE CONTROL RECORD CRITERIA.	No remote connect records were found on the log matching the selection criteria.	None.
CMA051S - ERROR: CROSS SYSTEM CLIENT CONTROL RECORD ERROR. 'ID=xxxxxxx' IS REQUIRED FOR THIS EXECUTION.	The ADD function requires that "ID=xx...xx" is specified as a control statement.	Correct the control record and rerun.
CMA053S - ERROR: CROSS SYSTEM CLIENT UNRECOVERABLE ERROR.	An unrecoverable error has occurred.	Contact IBM Support for assistance.
CMA054S - ERROR: CONTROL RECORD "ID" MUST BE 1 TO 8 CHARACTERS IN LENGTH.	The value specified by ID is invalid.	Correct the control record and rerun.
CMA057S - ERROR: CONTROL RECORD BATCHID VALUE MUST BE 1 TO 24 CHARACTERS, ENCLOSED IN QUOTES.	For ADD functions the value specified for the "BATCHID=" parameter is invalid. <b>Note:</b> In this case, the CSC/ICO API was communicating with a pre-Sterling Connect:Enterprise 1.4.00 online system. Hence the limitation of a 24-character batchid (instead of 64).	Correct the control record and rerun.
CMA058S - ERROR: EXTRACT PROCESSING ERROR. OUTPUT FILE RECORD SIZE MUST NOT EXCEED 32620.	The maximum size permitted for the output file is 32620.	Correct the execution JCL and rerun.
CMA059S - ERROR: CONTROL RECORD BATCHID VALUE MUST BE 1-64 CHARACTERS, ENCLOSED IN QUOTES.	For ADD functions, the value specified for the "BATCHID=" parameter is invalid.	Correct the control record and rerun.
CMA060S - ERROR: "ADD" WITHOUT ID= CONTROL RECORDS REQUIRES A VALID ADD AS THE FIRST RECORD IN THE INPUT.'	The expected ID and BATCHID statements were not found as the first record of the INPUT file on a \$\$ADD statement.	Refer to the <i>IBM Sterling Connect:Enterprise for z/OS User's Guide</i> for supplying ADD control statements. Correct and rerun.
CMA061S - ERROR: TRANSPARENT BATCH RECORD SIZE MISMATCH (RECORD SIZES: INPUT BATCH=NNNN, OUTPUT FILE=XXXX).	The record size specified on the output file does not match the record size of the extracted batch.	Correct the output file record size to match batch's record size.

Message	Description	Action
CMA062I - THE C:E Z/OS SYSTEM IN SESSION WITH THIS PROGRAM DOES NOT SUPPORT THE EXPANDED BATCH ID (I.E. BID64).	This is an informational message indicating that the destination Sterling Connect:Enterprise system is running a pre-1.4.00 version, which does not support 64-character Batch IDs (i.e., supports only 24 character Batch IDs).	None.
CMA063S -- ERROR: ADD PROCESSING ERROR. INPUT FILE RECORD SIZE MUST NOT EXCEED 32620.	The maximum INPUT file record size supported by CSCU is 32,620 bytes.	Correct the INPUT file record size and rerun.
CMA064S -- ERROR: ADD PROCESSING ERROR. SEQUENTIAL INPUT FILE CONTAINS NO RECORDS.	The INPUT file specified is empty.	Specify a valid INPUT file and rerun.
CMA068S-- ERROR: COMPACTED DATA ENCOUNTERED IN INPUT STREAM. COMPACTION NOT SUPPORTED.	Sterling Connect:Enterprise for z/OS does not support compacted data.	None.
CMA069E -- ERROR: STATUS AND STATOR ARE MUTUALLY EXCLUSIVE KEYWORDS.	Do not use the STATUS and STATOR keywords within the same EXTRACT request.	Correct the control statements and rerun.
CMA070S - ERROR: HOST REQUIRES LOGGING FOR THIS FUNCTION.	LOG=YES was specified as a control statement, but the CSCU was unable to open the LOGFILE data set.	Supply a LOGFILE data set or specify LOG=NO and rerun.
CMA071S -- ERROR: OPEN FAILED FOR LOGFILE.	LOG=YES was specified as a control statement, but CSCU was unable to open the LOGFILE data set.	Supply a LOGFILE data set or specify LOG=NO and rerun.
CMA073S -- ERROR: MAXIMUM OF 9 CARDS FOR USERRCD	A invalid value was specified on the USERRCD statement. Valid values are from 1-9.	Refer to the <i>IBM Sterling Connect:Enterprise for z/OS User's Guide</i> for information related to the USERRCD keyword. Correct and rerun.
CMA077S -- ERROR: LRECL FOR OUTPUT FILE IS ZERO	The LRECL of the OUTPUT file must be greater than zero.	Correct the JCL and rerun.
CMA078S -- ERROR: ADD PROCESSING ERROR, \$TURNLINE\$ CANNOT BE FIRST RECORD OF A BATCH.	A \$TURNLINE\$ was found as the first record of the INPUT file.	Correct and rerun. See the <i>IBM Sterling Connect:Enterprise for z/OS User's Guide</i> for more information.
CMA079E -- ERROR: END OF FILE REACHED PREMATURELY	An unexpected end-of-file condition occurred on the SYSIN data set.	This condition occurs when a numeric value is specified on the USERRCD control statement prior to reading the specified number of records
CMA100I -- CONTROL RECORDS FOR THIS RUN.	Informational message preceding the control records display for this process.	None required.

Message	Description	Action
CMA101E -- \$\$ADD ENCOUNTERED IN INPUT FILE WITHOUT A VALID ID AND BATCHID. THE RECORD WAS PROCESSED AS DATA.	An \$\$ADD statement was found in the INPUT file, but neither ID nor BATCHID were found or, if present, were invalid.	The \$\$ADD statement will be processed as a data record. Correct and rerun if necessary.
CMA126S -- PREVIOUS CONTROL CARD INVALID	The last control statement printed on SYSPRINT is invalid.	Correct the control statement and rerun.
CMA127I -- FUNCTION SUCCESSFULLY PROCESSED. CONDITION CODE = 00.	The ADD or EXTRACT completed with no errors.	None required.
CMA128S -- FUNCTION FAILED, CONDITION CODE = xx	The current function failed.	The current function failed with a condition code of xx. Refer to the SYSPRINT output for more information. Correct the identified problems and rerun.
CMA129W -- FUNCTION SUCCESSFULLY PROCESSED, BUT WARNING MESSAGES WERE ISSUED. CONDITION CODE = xx	The current ADD or EXTRACT completed, but one or more warning messages were issued.	Refer to the SYSPRINT file for more information. Correct any identified problems and rerun.
CMA136S -- ERROR.. UNABLE TO PERFORM SYMBOLIC SUBSTITUTIONS, IMPROPER PLACEMENT OF USER RECORD VARIABLE: xxxxxxxx	During expansion of the variables specified on the USERRCD statements, a variable was found in an improper position of a record. The affected variable is displayed.	See the <i>IBM Sterling Connect:Enterprise for z/OS User's Guide</i> for information on USERRCD and the variables which can be used.
CMA145S -- ERROR, CLOSE FAILED FOR: xxxxxxxx	An error occurred while closing the xxxxxxxx file.	See the console log for more information. Correct the problem and rerun.
CMA146W -- WARNING, OUTPUT RECORD TRUNCATION HAS OCCURED, OUTPUT LRECL:xxxxxxx LT LRECL RECEIVED: xxxxxxx	For an EXTRACT request, a record received from Sterling Connect:Enterprise is longer than the LRECL specified for OUTPUT. The record was truncated to the value of the OUTPUT LRECL. If the OUTPUT file Record Format (RECFM) is Variable, it is possible that the OUTPUT LRECL can be equal to or greater than the LRECL RECEIVED value because truncation occurs if the difference in the LRECL values does not accommodate the required 4-byte Record Descriptor Word (RDW).	Correct the OUTPUT LRECL and rerun.



Message	Description	Action
CMA147W -- WARNING, OUTPUT RECORD PADDING HAS OCCURED, OUTPUT LRECL: xxxxxxx GT LRECL RECEIVED: xxxxxxx	For an EXTRACT request, a record received from Sterling Connect:Enterprise is shorter than the LRECL specified for OUTPUT. The record was padded to the value of the OUTPUT LRECL, with either the value of PADCHAR or blanks if PADCHAR was not specified.	Correct the OUTPUT LRECL and rerun.
CMA148E -- ERROR, LRECL OF: dddddddd : xxxxxxx EXCEEDS MAXIMUM VALUE OF 32628	The LRECL xxxxxxx of file dddddddd exceeds the maximum of 32,628.	ADD or EXTRACT execution terminates. Correct the LRECL and rerun.
CMA150S - xxxxxxx FAILED FOR BATCH#: nnnnnnn, MBX APPC ERRCD: nnnn (REQUEST CODE: C\$xxx)	Function xxxxxxx (EXTRACT, LIST, or STATFLG) failed for batch number nnnnnnn, resulting in APPC error code nnnn. The corresponding IPS (Input Parameter Structure) request code in error is identified by the C\$xxx value.	See Chapter 12, <i>APPC Error Codes</i> , for an explanation of nnnn. Correct the problem and rerun.
CMA151S - CURRENT ADD FAILED DUE TO MBX ERROR: nnnn (REQUEST CODE: C\$xxx)	During the current ADD function, APPC error nnnn occurred. The corresponding IPS (Input Parameter Structure) request code in error is identified by the C\$xxx value.	See Chapter 12, <i>APPC Error Codes</i> , for an explanation of nnnn. Correct the problem and rerun.
CMA152S -- ERROR, CURRENT FUNCTION TERMINATED DUE TO APPC CONVERSATION FAILURE: pppp/ssss	An error at LU6.2 level has occurred. pppp/ssss represent the VTAM Primary and Secondary APPC return codes.	See the IBM <i>VTAM LU6.2 Programming Reference Manual</i> for more information. Correct the problem and rerun.
CMA153S -- ERROR, GETMAIN FAILURE FOR: nnnnnnnn BYTES zzzzz the line.	During a request for storage a failure occurred. The fields are: nnnnnnnn = The number of bytes requested. zzzzz = Either "ABOVE" or "BELOW" and refers to storage addressed either above or below the 16MB line.	Ensure that a region of sufficient size was specified. Correct and rerun.
CMA154W -- PROCESSING COMPLETE, HIGHEST CONDITION CODE = nn	The overall completion code of the currently executing CSCU is nn.	Execution completed. Correct and rerun if necessary.
CMA155W -- NO BATCHES MEET CRITERIA SPECIFIED ABOVE	No available batches were found meeting specified EXTRACT criteria.	Execution completed, but performed no work. Verify that extract criteria were specified correctly and that batches were available for extraction. Correct and rerun, if necessary.

Message	Description	Action
CMA156W -- WARNING, THE PREVIOUS CONTROL STATEMENT IS UNSUPPORTED / UNNECESSARY AND WILL BE IGNORED.	The control statement listed previously is unsupported or unnecessary for CSCU execution.	Execution continues. The listed statement is ignored.
CMA157W -- WARNING, ONE OR MORE OF THE CURRENT EXTRACT PARAMETERS MAY BE IGNORED FOR BATCH: xxxxxxxx, yyyyyyyyyyyy.	One or more control statements listed previously may not apply to the batch being extracted and may be ignored.  xxxxxxx = The batch number to be extracted  yyyyyyyyyyyy = Either "OFFLINE ADDED" OR "API ADDED"	Execution continues.
CMA158E -- ERROR, nnnnnnnn, BLOCK SIZE IS NOT AN EVEN MULTIPLE OF LRECL.	The format of the file identified by the DDNAME nnnnnnnn was specified as FIXED BLOCKED, but the blocksize is not a multiple of the LRECL specified.	Execution terminates. Correct the file allocation parameters for nnnnnnnn and rerun.
CMA159E — ERROR, nnnnnnnn, LRECL MUST BE AT LEAST 4 BYTES LESS THAN BLKSIZE FOR VARIABLE FORMAT FILES.	The format of the file identified by the DDNAME nnnnnnnn was specified as VARIABLE BLOCKED, but the LRECL is less than (Blocksize - 4).	Execution terminates. Correct the file allocation parameters for nnnnnnnn and rerun.
CMA160E — ERROR, nnnnnnnn, MINIMUM LRECL SIZE FOR VARIABLE FORMAT FILES IS 5 BYTES.	The DDNAME identified by nnnnnnnn was specified with a VARIABLE format, but the LRECL specified is less than 5.	Execution terminates. Correct the file allocation parameters for nnnnnnnn and rerun.
CMA161W — WARNING, LOG=YES SPECIFIED OR DEFAULTED TO YES AND LOGFILE DD FAILED TO OPEN	Either LOG=YES was specified or allowed by default, but CSCU was unable to open the LOGFILE.	Execution continues with logging disabled. Correct and rerun as required.
CMA162W — WARNING, COMBINED USER RECORD(S) LENGTH GREATER THAN LRECL OF OUTPUT FILE, THEY WILL BE TRUNCATED.'	The lengths of all the user records specified in a single USERRCD set exceeds the LRECL of the output file.	Execution continues. User records will be truncated to comply with the LRECL for the output file.
CMA163W -- WARNING, ONE OR MORE BATCHES FLAGGED FOR DELETE WERE NOT EXTRACTED.	One or more selected batches were not processed because their DELETE flag is on. Processing continues with next selected batch.	If you need to process deleted batches, use the STATOR=DELETE or STATUS=DELETE option, or specify the BATCHNUM and resubmit CSCU.

<b>Message</b>	<b>Description</b>	<b>Action</b>
CMA164W -- WARNING, ONE OR MORE TRANSPARENT BATCHES WERE NOT EXTRACTED.	One or more selected batches were not processed because they have transparent data, and transparent data cannot be processed because TRANSPARENT=NO was specified. Processing continues with other selected batches.	If processing batches with transparent data is needed, specify TRANSPARENT=YES and resubmit CSCU.
CMA165W -- WARNING, ONE OR MORE BATCHES FLAGGED INCOMPLETE WERE NOT EXTRACTED.	One or more selected batches were not processed because they are marked as incomplete. Processing continues with other selected batches.	If you need to process incomplete batches, specify STATOR=INCOMPLETE or STATUS=INCOMPLETE, and resubmit CSCU.
CMA166W -- WARNING, ONE OR MORE BATCHES FLAGGED INPROGRESS WERE NOT EXTRACTED.	One or more selected batches were not processed because they are marked as in progress. Processing continues with other selected batches.	If you need to process incomplete batches, specify STATOR=PROGRESS or STATUS=PROGRESS, and resubmit CSCU.
CMA167W -- WARNING, ONE OR MORE BATCHES PREVIOUSLY EXTRACTED HAVE BEEN EXTRACTED.	One or more selected batches have been extracted before. This might not be an error.	Review the EXTRACT Report to ensure you have extracted the batches you wanted.
CMA168W -- WARNING, ONE OR MORE BATCHES MARKED UNEXTRACTABLE HAVE NOT BEEN EXTRACTED.	One or more selected batches are marked as UNEXTRACTABLE.	To extract a batch marked as UNEXTRACTABLE, use the STATFLAG function of CSCU or the ISPF/CICS interfaces to unlock the batch and rerun the extract.
CMA169W -- WARNING, ONE OR MORE BATCHES FLAGGED FOR DELETE HAVE BEEN EXTRACTED.	One or more selected batches were successfully processed even though they are marked as deleted. Specifying STATOR=DELETE or STATUS=DELETE, with BATCHNUM= caused CSCU to select them for processing. Processing continues.	Review the output data to ensure it is complete for your needs.
CMA170W -- WARNING, ONE OR MORE BATCHES FLAGGED INCOMPLETE HAVE BEEN EXTRACTED.	One or more selected batches were successfully processed even though they are marked as incomplete. Specifying STATOR=INCOMPLETE or STATUS=INCOMPLETE caused CSCU to select them for processing. Processing continues.	Review the output data to ensure it is complete for your needs
CMA171E -- ERROR, PREVIOUS COMMAND STATEMENT CONTAINS DUPLICATE KEYWORD, FUNCTION ABORTED.	A keyword parameter was repeated in the previous statement. Function processing is terminated.	Correct the statement and resubmit.

Message	Description	Action
CMA174E -- ERROR, ENQ ON LOGFILE DSN: datasetname FAILED WITH RC: xxxxxxxx	The function requested that activity be logged into a logfile which is being used by another job. The data set name is the 44-character DD name of the logfile. Function processing is terminated.	Resubmit the job after the current owner releases the logfile, or designate a different logfile, or resubmit the job without logging.
CMA176I -- NUMBER OF BATCHES CHANGED: n,nnn,nnn OUT OF n,nnn,nnn CANDIDATES SELECTED.	Some of the batches selected for update did not meet selection criteria and were not updated. The message displays the number of batches actually updated and the number of batches originally selected for update.	Examine output details. Rerun with adjusted selection criteria, if necessary.
CMA179E -- ERROR: ID IS REQUIRED WHEN BATCHID IS USED.	ID statement must be supplied in SYSIN when BATCHID statement is supplied.	Correct the control record and rerun.
CMA180W - OPEN FAILED FOR REPORTS FILE, xxx REPORTS WILL NOT BE GENERATED	The REPORTS file was allocated either by JCL, if using CSC (Cross System Client) or dynamically by a Sterling Connect:Direct Process member, if using ICO (Inter-Connect Option), indicating that this optional report should be generated. However, an error occurred when the CSC/ICO API tried to OPEN the file. Processing continues, but the REPORTS file is not generated. The xxx value will be CSC or ICO, depending upon the environment in which the API executed.	Correct the CSC JCL or the Sterling Connect:Direct PROCESS member. Rerun the CSC job / ICO process in order to generate the REPORTS file, if required.
CMA181I - //REPORTS DD NOT SPECIFIED IN CSC JCL, REPORTS WILL NOT BE GENERATED -or- CMA181I - &RDSN NOT SPECIFIED IN PROCESS MEMBER, REPORTS WILL NOT BE GENERATED	The REPORTS file was not specified either in the JCL, if using the (CSC) Cross System Client or in the Sterling Connect:Direct Process member, if using ICO (Inter-Connect Option), indicating this optional report was not requested and will not be generated. Processing continues.	None
CMA182I - C:E APPC ERRCD nnnn: xxxx.....xxxx	This message provides a short text description (xxxx.....xxxx) of the corresponding APPC error code nnnn, identified in the preceding CMA150S/CMA151S message.	Take corrective action for the described error and rerun, if necessary.

Message	Description	Action
CMA183I - ONE OR MORE DETAIL LINES MISSING DATA DUE TO LIST ERROR, FOLLOWING SUCCESSFUL ADD REQUEST	One or more detail line items in the REPORTS file is missing some information: (VBQ Number, Output Records, Output Bytes, Batch Create Date/Time, and Batch Status Flags). Following a successful ADD request, a LIST request was issued to Sterling Connect:Enterprise to obtain detail information about the newly added batch. However, an error occurred while processing the LIST request.	None
CMA184I - A TOTAL OF nnnnnnn ZERO LENGTH RECORDS WERE REMOVED DUE TO ZERO_LENGTH_RECORD= REMOVE PARAMETER SPECIFICATION.	A total of nnnnnnn zero length records were removed from the batch during EXTRACT processing. These records were not written to the OUTFILE, because the parameter ZERO_LENGTH_RECORD= REMOVE (or ZLR=REMOVE) was specified.	None
CMA185I - EMPTY BATCH CREATED FOR BATCH#=nnnnnnn ID=xxxxxxx DUE TO EMPTY_BATCH=ALLOW PARAMETER SPECIFICATION	Batch number nnnnnnn, Mailbox ID xxxxxxx has been added to the repository as a valid empty batch, because the SYSIN parameter EMPTY_BATCH=ALLOW was specified. A status flag in the batch control record identifies this as an empty batch and indicates that this batch is to be treated as complete, even though no VBQ batch data records exist.	None
CMA186E - EITHER ONEBATCH=YES OR MAXBATCH=NNNNNNN MAY BE SPECIFIED, BUT NOT BOTH. Return Code Value: 8	This message is written to inform users of a parameter conflict between ONEBATCH=YES (extract one batch only) and MAXBATCH=nnnnnnn (extract nnnnnnn batches).	Remove one of the parameters as necessary and re-run the CSC job or ICO process. <b>Note:</b> MAXBATCH=1 is the equivalent of specifying ONEBATCH=YES.
CMA187E - ERROR: MAXBATCH= MUST SPECIFY A VALUE 1-7 DIGITS IN LENGTH Return Code Value: 8	MAXBATCH=nnnnnnn is an invalid length, which must be 1-7 digits.	Correct the paramter and re-run the CSC job / ICO process.
CMA188E - The character string specified on the APPEND_CHAR= parameter exceeds the maximum length of nnnnn.	The maximum string length of nnnnn bytes was exceeded on the APPEND_CHAR= parameter. Currently the maximum length allowed is 4096.	Correct the parameter and re-run the CSC job or ICO process.

Message	Description	Action
CMA194I - Resolved value of BATCHIDV/BIDV: 'xxx ... xxx'	STOAPI00 received an ADD command which specified either BATCHIDV= or BIDV=. Any symbolics in the BID were resolved. The resolved BID is padded to the right with blanks, and enclosed in quotes.	None
CMA195E - Resolved value of BATCHIDV/BIDV greater than 64 bytes. First 64 bytes: 'xxx ... xxx'	STOAPI00 received an ADD command which specified either BATCHIDV= or BIDV=. Any symbolics in the BID were resolved, but the resolved length exceeds the maximum allowed (64). The first 64 bytes of the resolved BID are shown, padded to the right with blanks, and enclosed in quotes.	Modify the value coded in the BATCHIDV/BIDV parameter to ensure that after all embedded symbolics are resolved, the final length will be 64 characters or less. Then re-run the job.
CMA196E - MAXIMUM LRECL SIZE FOR xxxxxxxx FILE IS 173	The xxxxxxxx (SYSPRINT or REPORTS) file was defined with a LRECL value greater than 173, which is the maximum size for each of these output reports. The LRECL value was obtained from one of the following sources: <ul style="list-style-type: none"> <li>◆ //SYSPRINT/REPORTS DD (CSC execution)</li> <li>◆ The DS label, if pre-allocated (CSC/ICO execution)</li> <li>◆ The Sterling Connect:Direct Process allocation step (ICO execution)</li> </ul> <p><b>Note:</b> If LRECL is either omitted or coded as LRECL=0 in the user specified DCB information, Sterling Connect:Enterprise sets the value to 173 during execution of the OPEN routine.</p>	Correct the LRECL value and re-submit the job/process.
CMA220E - GENCB: BLOCK=ACB FAILED, R0: xxxxxxxx / R15: yyyyyyyy	A GENCB=ACB macro failed. xxxxxxxx and yyyyyyyy display the hexadecimal values of the contents of General Registers 0 and 15 at the time of failure.	Contact IBM Support for assistance.
CMA221E - GENCB: BLOCK=RPL FAILED, R0: xxxxxxxx / R15: yyyyyyyy	A GENCB=RPL macro failed. xxxxxxxx and yyyyyyyy display the hexadecimal values of the contents of General Registers 0 and 15 at the time of failure.	Contact IBM Support for assistance.

Message	Description	Action
CMA222E - OPENACB: REQUEST FAILED, R0: xxxxxxxx / R15: yyyyyyyy ACBNAME: nnnnnnnn ACBERFLG: ff	An Open ACB request failed. The values are: xxxxxxx = The hexadecimal value of the contents of General Register 0. yyyyyyy = The hexadecimal value of the contents of General Register 15. nnnnnnnn = The name of the ACB for which the OPEN failed. ff = The error flags from the ACB.	Contact IBM Support for assistance.
CMA223E - VTAM: SETLOGON FAILED, R0: xxxxxxxx / R15: yyyyyyyy	A SETLOGON macro failed. xxxxxxx and yyyyyyy display the hexadecimal values of the contents of General Registers 0 and 15 at the time of failure.	Contact IBM Support for assistance.
CMA224E - APPCCMD: DISPLAY FAILED, R0: xxxxxxxx / R15: yyyyyyyy	An APPC DISPLAY macro failed. xxxxxxx and yyyyyyy display the hexadecimal values of the contents of General Registers 0 and 15 at the time of failure.	Contact IBM Support for assistance.
CMA226E - APPCCMD: DISPLY3 FAILED, R0: xxxxxxxx / R15: yyyyyyyy	An APPC DISPLAY macro failed. xxxxxxx and yyyyyyy display the hexadecimal values of the contents of General Registers 0 and 15 at the time of failure.	Contact IBM Support for assistance.
CMA227E - APPCCMD: SETCNO1 FAILED, R0: xxxxxxxx / R15: yyyyyyyy	An APPC CNOS macro failed. xxxxxxx and yyyyyyy display the hexadecimal values of the contents of General Registers 0 and 15 at the time of failure.	Contact IBM Support for assistance.
CMA228E - APPCCMD: SETCNO2 FAILED, R0: xxxxxxxx / R15: yyyyyyyy	An APPC CNOS macro failed. xxxxxxx and yyyyyyy display the hexadecimal values of the contents of General Registers 0 and 15 at the time of failure.	Contact IBM Support for assistance.
CMA229E - APPCCMD: SETCNO3 FAILED, R0: xxxxxxxx / R15: yyyyyyyy	An APPC CNOS macro failed. xxxxxxx and yyyyyyy display the hexadecimal values of the contents of General Registers 0 and 15 at the time of failure.	Contact IBM Support for assistance.
CMA230E - APPCCMD: SENDCFRD FAILED R0: xxxxxxxx / R15: yyyyyyyy	An APPC SEND macro failed. xxxxxxx and yyyyyyy display the hexadecimal values of the contents of General Registers 0 and 15 at the time of failure.	Contact IBM Support for assistance.

Message	Description	Action
CMA231E - APPCCMD: DEALLOC FAILED, R0: xxxxxxxx / R15: yyyyyyyy	An APPC DEALLOC macro failed. xxxxxxxx and yyyyyyyy display the hexadecimal values of the contents of General Registers 0 and 15 at the time of failure.	Contact IBM Support for assistance.
CMA232E - APPCCMD: CHANGE SESSLIM, R0: xxxxxxxx / R15: yyyyyyyy	An APPC SESSLIM macro failed. xxxxxxxx and yyyyyyyy display the hexadecimal values of the contents of General Registers 0 and 15 at the time of failure.	Contact IBM Support for assistance.
CMA233E - APPCCMD: ALLOCD FAILED, R0: xxxxxxxx / R15: yyyyyyyy	An APPC ALLOCD macro failed. xxxxxxxx and yyyyyyyy display the hexadecimal values of the contents of General Registers 0 and 15 at the time of failure.	Contact IBM Support for assistance.
CMA234E - APPCCMD: SNDRQ-1 FAILED, R0: xxxxxxxx / R15: yyyyyyyy	An APPC SEND macro failed. xxxxxxxx and yyyyyyyy display the hexadecimal values of the contents of General Registers 0 and 15 at the time of failure.	Contact IBM Support for assistance.
CMA235E - APPCCMD: SNDRQ-2 FAILED, R0: xxxxxxxx / R15: yyyyyyyy	An APPC SEND macro failed. xxxxxxxx and yyyyyyyy display the hexadecimal values of the contents of General Registers 0 and 15 at the time of failure.	Contact IBM Support for assistance.
CMA236S - APPCCMD: RCVRQ-1 FAILED, R0: xxxxxxxx / R15: yyyyyyyy	An APPC RECEIVE macro failed. xxxxxxxx and yyyyyyyy display the hexadecimal values of the contents of General Registers 0 and 15 at the time of failure.	Contact IBM Support for assistance.
CMA237S - APPCCMD: RCVRQ-2 FAILED, R0: xxxxxxxx / R15: yyyyyyyy	An APPC RECEIVE macro failed, the xxxxxxxx and yyyyyyyy display the hexadecimal value of the contents of General Registers 0 and 15 at the time of failure.	Contact IBM Support for assistance.
CMA238E - CLOSACB: REQUEST FAILED, R0: xxxxxxxx / R15: yyyyyyyy	A CLOSE ACB macro failed. xxxxxxxx and yyyyyyyy display the hexadecimal values of the contents of General Registers 0 and 15 at the time of failure.	Contact IBM Support for assistance.
CMA239E - MODCB: REQUEST FAILED, R0: xxxxxxxx / R15: yyyyyyyy	An VTAM MODCB macro failed. xxxxxxxx and yyyyyyyy display the hexadecimal values of the contents of General Registers 0 and 15 at the time of failure.	Contact IBM Support for assistance.



Message	Description	Action
CMA240E - OPENACB:ALL ACB'S IN USE R0: xxxxxxxx / R15: yyyyyyyy	All ACBs known to CSCU were busy. xxxxxxxx and yyyyyyyy display the hexadecimal values of the contents of General Registers 0 and 15 at the time of failure.	Contact IBM Support for assistance.
CMA250E - APPC/FC:rr/cc PRI/SEC RC: pppp/ssss WRI: ww CCS: ss SNS: xxxxxxxx	This message indicates the state of the RPL6 control block when an APPC failure is detected. The values are:  rr/cc = The APPC request code and function code.  pppp = The primary reason code.  ssss = he secondary reason code.  ww = The What Received Indicator.  ss = The current conversation state indicator.  xxxxxxx = The RPL6SNSI (sense bytes in) field from the RPL APPC Extension (ISTRPL6).	Contact IBM Support for assistance.
CMA999E - MESSAGE CODE NNNNN NOT FOUND IN MESSAGE TABLE (STOAPIMT)	The CSC/ICO API requested message nnnnn to be issued, but the specified message code was not found in the user message table (STOAPIMT).	Contact IBM Support for assistance.

## Cross System Client Utility Error Messages Written to SYSOUT2

This section describes Cross System Client Utility messages written to SYSOUT2.

Message	Description	Action
nn PARM OVERRIDES READ.	During preprocessing, CSCU read nn records from the SYSIN2 file	Verify that the correct number of parameter override cards were read. Correct and rerun.
nn PARM OVERRIDES USED.	During preprocessing, CSCU determined that nn records from SYSIN2 overrode default execution parameters. This number should equal the number of parameter overrides read less the number of comments.	Verify that the correct number of parameter override cards were read.

Message	Description	Action
*** FATAL ERROR DETECTED; ABORTING.	Preprocessing detected a condition in the SYSIN2 input data that prevented passing a valid parameter list to the main processing stage. Processing did not occur.	Correct the parameter override cards in SYSIN2 and rerun.

## Cross System Client Utility SYSOUT2 Message Comments

The Comments section of the SYSOUT2 report, produced by CSCU preprocessing, may contain the following messages:

Message	Description
* NO CHANGE *	Identifies a control card that contains a recognized parameter and a value identical to the parameter's default value. The default value is used during the current execution.
*OVERRIDES DEFAULT	Identifies a control card that contains a recognized parameter and a value different from the parameter's default value. The value contained on the control card is used during the current execution.
***COMMENT***	Identifies a control card that does not begin with a recognized parameter title. The entire statement is treated as a comment and has no effect upon the main stage execution.
ACTUAL TEXT OVERLAYED	Indicates that the data associated with this comment contained something sensitive and not appropriate for disclosure. The sensitive data has been overlaid with a string of question marks. An example is a password value, either in its default form or as an override value.
*** PREPROCESSING SUCCESSFULLY COMPLETED. EXECUTION CONTINUES.	Indicates all control card data successfully passed evaluation and the preprocessing stage is complete. The main data transfer stage will be executed.
*** FATAL ERROR DETECTED; ABORTING.	Indicates an error was detected in the control card file that terminated the execution. The preprocessing stage is complete. The main data transfer stage will not be executed.

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## Reformat Utility Messages

This chapter contains the messages that can be generated when running the Reformat Utility.

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### Reformat Utility Messages (CMBnnnn)

These messages begin with the **CMBnnnn** identifier.

Message	Description	Action
CMB1000 xx...xx statement was successfully compiled, no errors were found.	Indicates the statement (xx..xx) contained no syntax errors.	None required.
CMB1001 The previous statement has not been compiled due to errors.	Indicates the statement contained syntax errors.	This message is accompanied by more detailed error messages describing the syntax error.
CMB1002 End of the source file, RULESRC, was reached before the end of the statement.	The Reformat Utility was unable to finish compiling because the end of the last statement was not coded.	Check the last statement in the file and if correct place a period. <b>Note:</b> The last comment must be placed within the last statement before the period.
CMB1003 The maximum limit of xx..xx yy...yy per zz...zz has been exceeded.	When coding statements, you have exceeded a utility maximum.	Correct the error by reducing the number of elements shown in the message.
CMB1004 Missing the ending quote of a quoted string.	While reading a quoted alphanumeric string, the matching quote was not found.	Place an ending quote at the end of the string. <b>Note:</b> Do not embed quotes within a character string.
CMB1005 The first word in the statement must be IF, RULE, FOR, IMPORT, or REMOVE.	The Reformat Utility encountered a word at the start of a statement that is not a command word.	Ensure that comments and statements are coded and spelled correctly.

Message	Description	Action
CMB1006 Extra word found. Remove the word or use quotes to clarify.	The Reformat Utility encountered a word that is not a keyword, reserved word, or optional word. This word could be misspelled or be a reserved word placed out of order. Finally, the word could be part of a character string.	Remove the extra word, correct a misspelling, place the reserved word in its proper location, or place single quotes around the string.
CMB1007 Invalid word found after xx...xx, skipping until yy...yy is found.	The Reformat Utility was expecting to find a particular keyword to complete the statement syntax but instead located an invalid one. Since the expected word was not located, the utility will search the rest of the statement looking for the next keyword.	Check the invalid word specified for misspelling or remove it.
CMB1008 Invalid keyword, xx...xx, found, skipping until yy...yy is found.	A keyword was encountered out of place. The utility has skipped the incorrectly placed keyword and will search the rest of the statement looking for the next keyword.	Either rewrite the statement or remove the extra keyword.
CMB1009 End of statement found before xx...xx statement has been completed.	The end of statement character (.) was reached before the entire statement syntax was read.	Rewrite the statement to either move the period to the end of the statement or place single quotes around the string containing the period.
CMB1010 A parameter is required after xx...xx.	A necessary parameter was not coded for the indicated keyword.	Check the statement and include the missing parameter(s).
CMB1011 The length of the parameter coded after xx...xx is nnnn, the maximum allowed is nnnn.	The parameter coded for the keyword (xx...xx) is not correct because it exceeded its maximum length.	Rewrite the parameter to shorten its length to the indicated maximum.
CMB1012 An xx...xx keyword is required between the yy...yy and zz...zz keywords.	A required keyword for the indicated statement is missing.	Place the correct keyword (and its parameters) between the two keywords shown.
CMB1013 A quoted string of length zero is invalid.	You used single quotes to define a character string, however, no string was placed between the quotes.	Either remove the quotes and supply a value, or place some character(s) in between the quotes.
CMB1014 Only one '*' wild card character is allowed in the xx...xx parameter.	You can only code a single wild card character (*) in the parameter for the indicated keyword.	Remove one of the wild card characters.
CMB1015 The '*' and '?' wild cards can not be side by side in the xx...xx parameter.	You cannot place the '*' and '?' characters side-by-side within any parameter.	Either remove one of the wild card characters or place an alphanumeric character in between them.

Message	Description	Action
CMB1016 xx...xx cannot follow yy...yy, but it can follow zz...zz.	The word OR cannot be used as an optional word or as a keyword between the BATCHID and FLOW keywords. It can only be used as a keyword between the ID and BATCHID keywords.	Remove the word OR from the statement.
CMB1017 The xx...xx parameter must be a numeric value between nnnn and mmmm.	The value coded for the indicated parameter is incorrect.	Replace the parameter value with a numeric one between nnnn and mmmm.
CMB1018 The xx...xx parameter must be yy...yy.	The value coded for the indicated parameter must be yy...yy.	Correct the parameter value.
CMB1019 If RECFORM is xx...xx, BLOCK size must be yy...yy.	The value coded for the record format does not agree with the one coded for the block size.	To maintain the same record format, change the block size to the value indicated (yy...yy).
CMB1020 The xx...xx type of FOR statement is invalid after an yy...yy type of FOR statement.	You cannot mix the FOR ALL OUTPUT and the FOR OUTPUT ELEMENT keywords in the same statement.	You must change one of the keywords. Either remove the FOR OUTPUT ELEMENT or replace the FOR ALL OUTPUT with repetitive FOR OUTPUT ELEMENTs to fully describe the remainder of the output records.
CMB1021 The FOR OUTPUT ELEMENT statements must be in order, element nn was expected.	When customizing different output records, you must list the FOR OUTPUT ELEMENT in the correct sequential order.	Rewrite the statement so that the FOR OUTPUT ELEMENTs are in sequential order.
CMB1022 The xx...xx keyword is invalid on an OUTPUT ELEMENT type of FOR statement.	You are not allowed to code the WRAP or UNWRAP commands when you use the FOR OUTPUT ELEMENT. The indicated command (xx...xx) can only be coded with the FOR ALL OUTPUT command.	Either remove the indicated command or change FOR OUTPUT ELEMENT to FOR ALL OUTPUT.
CMB1023 A hex xx...xx parameter must be an even number of hex digits not exceeding nnn.	While coding the indicated command (xx...xx), you have either specified an odd number of hexadecimal digits or you have exceeded the limit (nnn).	Rewrite the statement to correct the problem.
CMB1024 xx...xx not allowed with WRAP or UNWRAP, skipping until yy...yy is found.	When coding the WRAP or UNWRAP commands you cannot also code the indicated command (xx...xx). The utility will continue processing the statement looking for the yy...yy command.	Rewrite the statement by excluding the xx...xx command.

Message	Description	Action
CMB1025 Only 1 xx...xx type of yy...yy statement is allowed after a RULE statement.	The statement coded is incorrect because you either coded two or more ALL OUTPUT in a FOR statement or you coded two or more REMOVE statements. In both cases you are allowed to only code a single occurrence.	Delete the repetitive instructions.
CMB1026 Placing the string of length nnn at column mmm overflows the record size of ppp.	The string you attempted to insert or overlay at the indicated column (mmm) will exceed the record length (ppp).	Three actions are available: <ul style="list-style-type: none"> <li>◆ Reduce the length of the string.</li> <li>◆ Reduce the value specified for the column position where the string will be place.</li> <li>◆ Increase the output record length.</li> </ul>
CMB1027 The nnnn value must be x-y, where x and y are 1 to 5 digit column numbers.	The value you specified for the OVERLAY command in the FOR statement is not formatted properly. The two values must be from 1 to 5 digits in length and are separated by a dash (-) with no embedded spaces.	Rewrite the parameter value incorporating the proper format.
CMB1028 'From' col must not exceed 'to' col and both must be from 1 to input size nnnn.	The numeric values you specified for the OVERLAY command in the FOR statement are not correct. The first value (beginning column) must be smaller than the second number (ending column) and the values must be from 1 to the record size (nnnn) of the input file.	Correct the COLUMNS value.
CMB1029 This RULE name is a duplicate of a name used in a previous RULE statement.	Each RULE statement must be identified by a unique name.	Change the value of the Rule command and ensure that the IF statements are correctly pointing to the two unique rules.
CMB1030 The string of length nnnn at column nnnn overlaps a previous INSERT or OVERLAY.	The Reformat Utility will not allow multiple INSERT or OVERLAY statements to overwrite each other. The indicated statement contains a string that overlaps a previous INSERT or OVERLAY statement.	Rewrite the statement be changing the AT value or reduce the length of the inserted or overlaid material.
CMB1031 Rule name, 'xx...xx', defined on yy...yy has no corresponding zz...zz definition.	You have either created a RULE statement with no corresponding IF (USE) statement or an IF (USE) statement without a corresponding RULE statement.	Verify that the rule name (xx...xx) is spelled correctly and if it is then create either a matching RULE or IF statement.
CMB1032 All IF statements must precede the first RULE statement.	The Reformat Utility requires that all IF statements in the Rule Source file be place before any of the RULE statements.	Move the IF statement before the first occurrence of a RULE statement.

Message	Description	Action
CMB1033 The xx...xx statement must follow a RULE statement.	All FOR, IMPORT, and REMOVE statements must be associated with a RULE statement. The Reformat Utility assumes that all statements found between RULE statements apply to the preceding RULE statement.	Move the indicated statement (xx...xx) after the first RULE statement.
CMB1034 The xx...xx type of FOR statement is invalid when the (de)blocking factor is nnnn.	The Reformat Utility does not allow you to code the indicated FOR command (xx...xx) when coding blocks larger than the value shown (nnnn).	Either reduce the block size or use the FOR ALL OUTPUT command.
CMB1035 The xx...xx keyword is not allowed when the (de)blocking factor is xx...xx.	The Reformat Utility does not allow you to code the indicated command (xx...xx) when coding blocks larger than the value shown (nnnn).	Either reduce the block size or replace the command.
CMB1036 The columns value coded exceed the maximum range of nn columns.	The range of columns to be totaled and the value to be overlaid into the header/trailer record(s) has exceeded 20 columns.	Reduce the range of the columns to under 20.
CMB1050 Unable to open the xx...xx file.	The Reformat Utility was unable to open the indicated file.	Ensure that the file is properly named and exists on your system.
CMB1051 The above card has invalid syntax for a \$\$ADD or \$\$EXTRACT command.	When using the SYSIN DD card, you must use the proper syntax for the \$\$ADD and \$\$EXTRACT commands.	Check the command and ensure that the correct syntax is used.
CMB1052 No \$\$ADD or \$\$EXTRACT card was found, reformat program is ending.	The Reformat Utility did not produce an output file because it was unable to determine which rule to apply. The utility uses either embedded \$\$ADD/\$\$EXTRACT cards or the SYSIN DD card to determine which rule to apply.	Build a \$\$ card with the correct \$\$ command (ADD or EXTRACT) and with the proper combination of ID and user batch ID and place the card either into the input file or in the SYSIN DD card in the execution JCL.
CMB1053 No applicable RULE was found to reformat the data, program is ending.	The Reformat Utility did not produce an output file because it was unable to determine which rule to apply. The utility determines the rule to apply by searching the IF statements to match the ID, user batch ID, and \$\$ command (\$\$ADD or \$\$EXTRACT) values that identify the input file.	Either code or correct the necessary IF/RULE logic in Rule Source file and recompile it to create the Rule Object file or modify the embedded \$\$ command or SYSIN DD card to match an existing rule name.
CMB1054 INFILE record number nnnn is mmmm bytes long, expecting pppp, program is ending.	The input file contained a record(s) that is a different length from the expected size. No output file was created.	Modify the input file to ensure that all record lengths conform to the expected size.

<b>Message</b>	<b>Description</b>	<b>Action</b>
CMB1055 Unable to open the IMPORT file called xx...xx, program is ending.	The Reformat Utility did not create the output file because the file (xx...xx) containing either your header or trailer records could not be found.	Ensure that the correct file name is specified on the execution JCL and that the file exists.
CMB1056 No record found on the xx...xx file.	If you use the SYSIN DD card within your execution JCL, you must supply a valid \$\$ command.	If the input file contains the correct \$\$ command cards, then remove the SYSIN DD card. Otherwise, place the \$\$ command into the execution JCL.
CMB1095 Error xx...xx yy...yyy file, module HTFUzzz is ABENDING.	The Reformat Utility was unable to either read or write to the indicated file.	Ensure the indicated file is valid. Otherwise, save the dump and contact IBM Support.
CMB1096 Object file, RULEOBJ, has not been created because the file would not open.	When compiling the Rule Source file, you must specify the RULEOBJ DD card.	Specify the RULEOBJ DD card and restart the job.
CMB1097 Object file, RULEOBJ, has been successfully created.	The Reformat Utility has successfully compiled the Rule Source file and created the Rule Object file.	None required.
CMB1098 Internal error xx...xx has occurred in the yy...yy program, contact IBM Support.	The Reformat Utility has experienced an internal error while compiling/reformatting.	Record the error code and program name and contact IBM Support.
CMB1099 Object file, RULEOBJ, has not been created due to compiler errors.	The Reformat Utility did not create the Rule Object file due to compiler errors reported earlier in the listing. Further, the previous Rule Object file has been deleted. At this point you are unable to perform any reformatting operation.	Locate and fix the rule source language syntax error reported above.



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# FTP Replies

This chapter describes the replies that can be generated during an FTP auto connect session. FTP auto connect sessions use REXX language scripts to control both the connection to the remote server and data transmission between the client and remote server. During script execution, replies can be generated by both the remote FTP server (see *Sterling Connect:Enterprise FTP\_Server Replies* on page 187) and the local system while it edits the script internally (see *FTP Client Script Replies* on page 199).

In addition, messages are generated on both the FTP client and server sides when RETR, STOR, and STOU commands are being executed and the data being transferred contains embedded \$\$ADD commands. These replies are numbered in the same manner as other FTP server and client replies but have been put in their own sections in this chapter because they appear together in traces and are all related to this type of processing. See *FTP Client Script Replies in \$ADD Command Processing* on page 206 and *FTP Server Replies in \$ADD Command Processing* on page 209.

Replies received from the remote FTP server are documented in RFC 959, *Files Transfer Protocol*. For detailed information, see the section on *FTP REPLIES* in RFC 959. Some of these replies are listed in *Sterling Connect:Enterprise FTP\_Server Replies* on page 187.

Each FTP command generates at least one acknowledgment (positive or negative), which consists of a three-digit completion code followed by explanatory text. Each digit in the three-digit completion code has a specific meaning. The first digit indicates whether the response resulted in success, failure, or error; the second indicates the kind of error, and the third provides the most detailed information. The following table outlines five possible values for the first digit of the reply code.

Reply	Short Description	Detailed Description
1yz	Positive Preliminary Reply	Got it, but wait—The requested action is being initiated but expect another reply before proceeding with a new command.
2yz	Positive Completion Reply	Success—The requested action has been successfully completed and you may initiate a new request.
3yz	Positive Intermediate Reply	Waiting for more information—The command has been accepted, but the requested action is temporarily on hold until more information is received. You should send another command specifying this information.

Reply	Short Description	Detailed Description
4yz	Transient Negative Completion Reply	Error - try again—The command was not accepted and the requested action did not take place, but this may be a temporary (transient) error condition. Try to repeat the same command sequence.
5yz	Permanent Negative Completion Reply	Error - can't do —The command was not accepted, and the requested action did not take place. Don't attempt to retry the same command sequence. Try to correct the command sequence, for example, change the spelling of the command or its syntax.

Replies are listed in numeric order. Because the reply text varies by command, the command issuing the reply is also provided. These commands are written to an FTP log. If there are multiple messages for one reply code, replies are then sorted and listed by command in alphabetic order.

## Troubleshooting FTP Problems

Sterling Connect:Enterprise provides you with a number of tools you can use to analyze and resolve problems involving FTP. An FTP remote online trace can be combined with the FTP session dialog trace to produce a trace of all FTP dialog and data. See the *IBM Sterling Connect:Enterprise for z/OS Administration Guide* for more information on both FTP\_DIALOG and FTP\_TRACE. Sample output of both types of traces is provided.

You can activate these traces by an \*OPTIONS parameter, a console command, or through an ISPF or CICS interface panel. The *IBM Sterling Connect:Enterprise for z/OS Administration Guide* provides detailed information on which records and parameters to use to set up FTP servers and clients.

See the *IBM Sterling Connect:Enterprise for z/OS ISPF User's Guide* and *IBM Sterling Connect:Enterprise for z/OS CICS User's Guide* to run the FTP session dialog trace from those interfaces.

The FTP session dialog trace records the following information:

Type of Session	Information Recorded
Remote Connect	<ul style="list-style-type: none"> <li>◆ Commands</li> <li>◆ Sterling Connect:Enterprise FTP_Server Replies (See next section for reply codes and message text.)</li> </ul>

Type of Session	Information Recorded
Auto Connect	<ul style="list-style-type: none"> <li>◆ Script-generated commands for local client actions, such as loccd and locdir (See <i>IBM Sterling Connect:Enterprise for z/OS User's Guide</i> for script command details.)</li> <li>◆ Replies to script commands (0xx and 6xx replies). See <i>FTP Client Script Replies</i> on page 199 for more information.</li> <li>◆ Commands to be sent to the remote server</li> <li>◆ Responses from the remote server (1xx, 2xx, 3xx, 4xx, 5xx) See the next section for reply codes and message text.</li> </ul>

## Sterling Connect:Enterprise FTP\_Server Replies

This section lists replies that can be generated by the remote FTP server. Note that the text and sometimes the sequence of remote server responses will not match the following replies exactly.

Reply	Command	Description
125 List starting.	LIST	The list is starting using an existing data connection. This reply is returned immediately before the list is returned.
125-Transfer starting. xx,xxx,xxx bytes in nn,nnn,nnn batches selected.	RETR	This format of the reply indicates that the transfer is starting on an existing data connection. nn,nnn,nnn is the number of batches that are selected for transfer. xx,xxx,xxx is the total number of bytes for all of the batches selected for transfer. This reply is returned immediately before the data connection is established.
125-Transferring 'bbb...bbb.#nnnnnnn' xx,xxx,xxx bytes.	RETR	The RETR command has selected a batch for transfer. This reply is returned immediately before data transfer of the batch begins. One reply is sent for each batch selected for transfer. The response contains the user Batch ID (bbb...bbb), the batch number (#nnnnnnn), and the number of bytes (xx,xxx,xxx) of the batch that is being transferred.
125 Storing 'bbb...bbb.#nnnnnnn'	STOR	Data transfer is beginning with an existing data connection. This reply is returned immediately before data transfer begins. The response contains the user Batch ID (bbb...bbb) and the batch number (#nnnnnnn) of the batch being transferred.
125 FILE: bbb...bbb.#nnnnnnn	STOU	Data transfer is started on the existing data connection. This reply is returned immediately before data transfer begins. The response contains the Batch ID (bbb...bbb) and the batch number (#nnnnnnn) of the batch being transferred.

Reply	Command	Description
150 List starting. Opening data connection.	LIST	A new data connection is being opened for the list. This reply is returned immediately before the list is returned.
150 List starting. Opening data connection.	NLST	A data connection is being opened to return the list. This reply is returned immediately before the list is returned.
150-Opening data connection. nn,nnn,nnn batches for xx,xxx,xxx bytes selected.	RETR	A new data connection is being opened for the transfer. nn,nnn,nnn is the number of batches that are selected for transfer. xx,xxx,xxx is the total number of bytes for all of the batches selected for transfer. This reply is returned immediately before the data connection is established.
150 Opening data connection. Storing 'bbb...bbb' as batch number nnnnnnn.	STOR	Opening data connection to begin data transfer. This reply is returned immediately before data transfer begins. The response contains the user Batch ID (bbb...bbb) and the batch number (nnnnnnn) of the batch to be transferred.
150 FILE: bbb...bbb.#nnnnnnn	STOU	A new data connection is being opened for the data transfer. This reply is returned immediately before data transfer begins. The response contains the user Batch ID.
200 Account accepted.	ACCT	The FTP server accepts the command.
200 APSV accepted.	APSV	The FTP server accepts the command.
200 Current working directory is <i>directory</i>	CWD	The command changed the working directory to the one specified in the string <i>directory</i> .
200 File Deleted	DELE	The command deletes a file on the remote FTP server.
200 Data transfer mode is "mode".	MODE	Successful completion of the MODE command. The "mode" is one of the following values: <ul style="list-style-type: none"> <li>◆ C (Compressed)</li> <li>◆ S (Stream)</li> <li>◆ B (Block)</li> </ul>
200 OK	NOOP	Successful completion of the NOOP command.
200 PBSZ=<protection-size-buffer>.	PBSZ	Successful completion of the command. The PBSZ command was accepted. The value of <protection-buffer-size> may be an equal or smaller value than on the original command. If the original value is supported by the server, it will be returned in the reply. If it is not supported, a smaller value will be sent in the reply.
200 PORT request OK	PORT	Successful completion of the PORT command.
200 Data protection level accepted.	PROT	Successful completion of the command. The PROT command was accepted.
200 Session is terminated.	QUIT	The remote site has accepted the FTP server QUIT command.

Reply	Command	Description
200 PROD_ID=n PROD_REL=x.x.xx PROC_REL=y.	SITE	Successful completion of the "SITE IDENT" command. The server product ID, release number and processing level is returned.
200 SITE command was accepted.	SITE	Successful completion of the SITE command.
200 The value of the DIR_FILTER is flags.	SITE	Successful completion of the "SITE DIR_FILTER" or "SITE DIR_FILTER QUERY" command. The value of the DIR_FILTER parameter is returned as a string of flag IDs. Issue the "HELP SITE" command for a definition of the flags.
200 The value of the LS_FILTER is flags.	SITE	Successful completion of the "SITE LS_FILTER" or "SITE LS_FILTER QUERY" command. The value of the LS_FILTER parameter is returned as a string of flag IDs. Issue the "HELP SITE" command for a definition of the flags.
200 Data structure is "structure".	STRU	Successful completion of the STRU command. The structure is one of the following values: <ul style="list-style-type: none"> <li>◆ F (File)</li> <li>◆ R (Record)</li> </ul>
200 Data representation type is "data type".	TYPE	Successful completion of the command. The "data type" is one of the following values: <ul style="list-style-type: none"> <li>◆ A (ASCII nonprint)</li> <li>◆ E (EBCDIC nonprint)</li> <li>◆ I (Image - binary)</li> <li>◆ A N (ASCII nonprint)</li> <li>◆ A T (ASCII telnet)</li> <li>◆ A C (ASCII nonprint)</li> <li>◆ E N (EBCDIC nonprint)</li> <li>◆ E T (EBCDIC telnet)</li> <li>◆ E C (EBCDIC nonprint)</li> </ul>
200 Local data representation byte length is 8.	TYPE	Successful completion of the command.
211-System status.	STAT	See the section on SITE command parameters in <i>IBM Sterling Connect:Enterprise for z/OS Remote User's Guide</i> for more information.
215 MVS opsys_rel is the operating system for Connect:Enterprise vv.rr.mm.	SYST	The command successfully completed. MVS is returned as the operating system. "Opsys_rel" is the host operating system release. "vv.rr.mm" is the Sterling Connect:Enterprise version, release, and modification level.
220 Welcome	OPEN	The command successfully completed.
221 QUIT command received. Goodbye.	QUIT	The command successfully completed. The control connection is closed, and the session is terminated.

Reply	Command	Description
226 Data connection closed. 'bbb...bbb.#nnnnnnn' terminated	ABOR	The command was successfully completed. The current transfer of batch with user Batch ID of 'bbb...bbb' and batch number 'nnnnnnn' was terminated.
226 ABOR successful. No transfer in progress.	ABOR	The Sterling Connect:Enterprise FTP Server received an ABOR command when no STOR/STOU data transfer was in progress.
226 ABOR successful. Batch number nnnnnn flagged incomplete.	ABOR	The Sterling Connect:Enterprise FTP Server received an ABOR command when a STOR/STOU data transfer was in progress.
226 List complete. Closing data connection. nn,nnn,nnn batches listed.	NLST, LIST	The command successfully completed. This reply is returned immediately after the list is returned and just before the data connection is closed. 'nn,nnn,nnn' is the number of batches listed.
226-Transfer complete from mailbox_ID. Data connection closing.  226 xx,xxx,xxx bytes transferred for nn,nnn,nnn batches.	RETR	The command successfully completed. This reply is returned immediately after data transfer ends. The response contains the Mailbox ID, the total number of bytes (xx,xxx,xxx) transferred for this RETR command, and total number of batches transferred for this RETR command.
226 Transfer complete. 'bbb...bbb.#nnnnnnn' xx,xxx bytes.	STOR, STOU	The command successfully completed. This reply is returned immediately after data transfer ends and just before the data connection closes. The response contains the user Batch ID (bbb...bbb), the batch number (#nnnnnnn) and the number of bytes (xx,xxx) of the batch just transferred.
227 Entering Passive Mode (ip1,ip2,ip3,ip4,p1,p2).	PASV	Successful entry into the passive data connection mode. Sterling Connect:Enterprise is listening on the socket indicated by ip1, ip2, ip3, ip4, p1, p2 to complete the data connection. ip1-ip4 indicate the IP address and p1, p2 indicate the port number.
230 Password accepted	PASS	The Remote FTP server accepted password.
23x Password accepted. Account information needed		The Remote FTP server accepted password and requires account number to complete login.
23x Password accepted. Account information may be needed		The Remote FTP server accepted password; an account number may be required for some commands in the session dialog.
230 Password has been changed.		This reply is returned when the user's password was changed using the </newpass/newpass> parameter.
230 username is logged on. Current working Mailbox is "mailbox_ID".	PASS	Successful completion of the PASS command. The user "username" is logged onto Sterling Connect:Enterprise, and the current working repository is set to "mailbox_ID".

Reply	Command	Description
234 AUTH SSL OK.	AUTH	The AUTH command was accepted.
250 CWD was successful. Current working Mailbox is mailbox_ID.	CWD	The command successfully completed.
250-Batch deleted: 'bbbbbbbbbbbbbbbbbbbb.#nnnnnnn' 250 DELE was successful. nn,nnn,nnn batches deleted.	DELE	The command successfully completed. The message contains the full user Batch ID and batch number of the batch deleted. One "250-Batch deleted" reply is sent for each batch deleted. The last 250 reply contains the total number of batches deleted for the DELE command just executed.
250 Transfer completed successfully.	GET, RETR	The command successfully completed.
250 'bbb...bbb.#nnnnnnnn' xx,xxx,xxx bytes		Received after transfer has ended. The response contains the User Batch ID, the batch number and the number of bytes of the batch just added to the current working Mailbox.
250 Transfer completed successfully.	PUT, MPUT	The command successfully completed.
250 'bbb...bbb.#nnnnnnnn' xx,xxx,xxx bytes		Received after transfer has ended. The response contains the User Batch ID, the batch number and the number of bytes of the batch just transferred.
250 Directory removed	RMD	The command successfully completed.
257 "mailbox_ID" is the current working Mailbox ID.	PWD	The command successfully completed.
331 Send password please.	USER	Sterling Connect:Enterprise FTP requires both a user name and password.
421 Connect:Enterprise for z/OS shutdown in progress. Try again later.	General	If Sterling Connect:Enterprise is in shutdown mode, all commands from a remote FTP client receive the transient negative completion reply.
425 Cannot bind to port in Port Range	Any Transfer command	This reply results when a transfer command uses a data port range that has no available port numbers. Verify the port number is in the specified Port Range. See the <i>IBM Sterling Connect:Enterprise for z/OS Installation Guide</i> for more information on how to specify ranges of ports used to transfer data.
425 LIST failed. Data port write failed.	LIST	The LIST command could not be processed and an attempt to write to a data port failed. This may be the result of a server that has unexpectedly exited. This may be a temporary problem so try again later.
425 LIST failed. Get Host By Name failed.	LIST	If gethostbyname fails for 'hostname' on the FTP server side, the data command fails with this command. Remote logging will have FC(185) indicating a gethostbyname failure.

Reply	Command	Description
425 NLIST failed. Get Host By Name failed.	NLIST	If gethostbyname fails for 'hostname' on the FTP server side, the data command fails with this command. Remote logging will have FC(185) indicating a gethostbyname failure.
425 NLST failed. Data port write failed.	NLIST	The NLIST command could not be processed and an attempt to write to a data port failed. This may be the result of a server that has unexpectedly exited. This may be a temporary problem so try again later.
425 Cannot open passive connection in Port Range.	PASV	The PASV command could not be processed with the specified port range after it was sent. See the <i>IBM Sterling Connect:Enterprise for z/OS Installation Guide</i> for more information on how to specify ranges of ports used to transfer data.
425 PASV failed. Get Host By Name failed.	PASV	If gethostbyname fails for 'hostname' on the FTP server side, the data command fails with this command. Remote logging will have FC(185) indicating a gethostbyname failure.
425 PASV failed. Session continuing.	PASV	
425 RETR failed. Data port write failed.	PASV	
425 STOR failed. Get Host By Name failed.	STOR	If gethostbyname fails for 'hostname' on the FTP server side, the data command fails with this command. Remote logging will have FC(185) indicating a gethostbyname failure.
425 STOU failed. Get Host By Name failed.	STOU	If gethostbyname fails for 'hostname' on the FTP server side, the data command fails with this command. Remote logging will have FC(185) indicating a gethostbyname failure.
431 Server cannot currently accept the named security mechanism.	AUTH	The server acknowledges the named security mechanism, but cannot currently accept it. This situation typically occurs if a required resource is unavailable.
450 STOR failed. File or directory inaccessible.	SITE	You attempted to use the SITE VBQ#=nn command to allocate a specific VBQ file but the VBQ was deallocated before the collection began and the transfer failed. Either allocate the particular VBQ and reissue the SITE command or change the SITE VBQ#=nn parameter to a VBQ that is allocated.
500 Command not recognized.	General	You either typed the wrong command or entered an FTP command that Sterling Connect:Enterprise does not support.
501 Syntax error. Invalid Parameter found.	AUTH	The value was not recognized as a valid AUTH command parameter.
501 Syntax error. Too many parameters.	AUTH	There is more than one parameter specified, and the command is unable to determine which parameter specifies the security mechanism.



Reply	Command	Description
501 Syntax error. mailbox_ID is invalid for Mailbox ID parameter.	CWD	The specified Mailbox ID is not a valid Mailbox ID.
501 Syntax error. Missing the Mailbox ID parameter.	CWD	The command requires the Mailbox ID parameter.
501 Syntax error. Too many parameters.	CWD	There is more than one parameter specified, and the command is unable to determine which parameter specifies the Mailbox ID.
501 Syntax error. User Batch ID parameter is greater than 64 characters.	DELE, LIST, RETR, STOR, NLST	The user Batch ID must be between 1–64 characters in length.
501 Syntax error. Missing the User Batch ID parameter	DELE, RETR	The command requires a user Batch ID.
501 Syntax error. Too many parameters	HELP	There are too many parameters, and the command is unable to determine which parameters are valid.
501 LIST syntax in error. Invalid BID/filename.	LIST, NLIST, RETR	The user batch ID (or file name) is invalid. You can modify the BID received in a command by using Session Security Exit parameters to specify whether the first or last 24 bytes of the BID is to be used as the filename or change the BID and corresponding length values. For more information, see the <i>IBM Sterling Connect:Enterprise for z/OS Application Agents and User Exits Guide</i> .
501 Syntax error. Missing the mode-code parameter.	MODE	The command requires a mode-code parameter.
501 Syntax error. MODE mode-code is invalid.	MODE	The specified Mailbox ID is not valid.
501 Syntax error. Mode parameter is greater than 1 character.	MODE	The mode code has a maximum length of 1 character.
501 Syntax error. Parameters are not permitted with the NOOP command.	NOOP	Unsuccessful completion of the command.
501 Syntax error. Too many parameters.	PASS	There is more than one parameter, and the command is unable to determine which parameter specifies the password or password/newpassword/ newpassword.
501 Syntax error. Parameter invalid.	PBSZ, PROT	The specified parameter is invalid.
501 Syntax Error. Invalid IP address.	PORT	The IP address string does not contain six sets of numbers from 0–255.
501 Syntax error. Parameters are not permitted with the QUIT command.	QUIT	Unsuccessful completion of the command.

Reply	Command	Description
501 Parameter not accepted. FTA locks BCHSEP=OPT3	SITE	An attempt was made to change the batch separation method setting, while in FTA (File Transfer Acknowledgement) mode. While FTA mode is in effect, the implied BCHSEP is OPT3 and cannot be changed. The OPT3 option calls for not separating batches. If multiple batches are sent in a single connection, they are concatenated and sent as a single batch. However, the individual batches are not flagged as transmitted until the entire transmission is successfully completed. If you use this option, remote sites using this line must be able to process concatenated data batches.  <b>Note:</b> When in FTA mode, the remote FTP client (that is, Sterling Connect:Enterprise HTTP) sends an acknowledgement to the Sterling Connect:Enterprise FTP server indicating the batch was successfully transferred to the client. The acknowledgement is required to flag the batch 'T' (transmitted).
501 Parameter not recognized. BPX1OPT Failed. CMB2181E message will report return code and reason code for the failure.	SITE (KALIVEON KALIVEOFF)	Attempt to use KeepAlive feature to keep server remote control ports open failed. Message CMB2181E defines the error. For more information on the specific return code and reason code, see <i>z/OS UNIX System Services Messages and Codes (SA22-7807-08)</i> and Chapter 11, <i>FTP Completion Codes</i> .
501 Parameter not recognized. The following text was not accepted: xxxxxxx	General	Displayed text is not valid for the rejected command.
501 Parameter substring not recognized. SITE command was not accepted.	SITE	The value in the substring was not recognized as a valid SITE command parameter.
501 Syntax error. Missing the batch_ID parameter	STOR	The command requires a user Batch ID.
501 Syntax error. User Batch ID contains wildcard or '.', '&', '/', or '\.	STOR	The command requires a user Batch ID.
501 Unknown structure parameter struct_code. Structure is current_structure.	STRU	The structure code is not changed to struct_code, and the current structure remains unchanged.
501 Syntax error. Structure code parameter is greater than 1 character.	STRU	The structure code has a maximum length of 1 character.

Reply	Command	Description
501 TYPE rejected. Invalid parameter.	TYPE	<p>Unsuccessful completion of the command. The TYPE parameter supplied is invalid. Valid TYPE values include: A (ASCII nonprint)</p> <ul style="list-style-type: none"> <li>◆ E (EBCDIC nonprint)</li> <li>◆ I (Image - binary)</li> <li>◆ A N (ASCII nonprint)</li> <li>◆ A T (ASCII telnet)</li> <li>◆ A C (ASCII nonprint)</li> <li>◆ E N (EBCDIC nonprint)</li> <li>◆ E T (EBCDIC telnet)</li> <li>◆ E C (EBCDIC nonprint)</li> </ul>
501 Syntax error.	USER	The syntax of the USER command is invalid.
502 Command not supported.	General	You entered an FTP command that Sterling Connect:Enterprise does not support.
503 Invalid Reply Substitution in user exit.	RNFR/RNTO	You entered reply substitution number and text in the STSECFTP Security exit that is not valid. Ensure that the contents of the E1\$MSG field are valid. See coding details in the sample STSECFTP program.
503 AUTH rejected. Remote already logged in.	AUTH	The remote is already logged in.
503 PROT error. Protection buffer size has not been negotiated.	PROT	The PROT command was issued prior to a protection buffer size negotiation via the PBSZ command.
504 Command invalid in CCC mode	General	The default policy value for all client or all server connections is set in the *OPTIONS section of the ODF using the SSL_DEFAULT_CLIENT_CCC_POLICY and the SSL_DEFAULT_SERVER_CCC_POLICY parameters. These defaults can be overridden by setting a different value in the SSL_CCC_POLICY parameter for the individual *REMOTES definition. These default CCC policies apply only when SSL=YES. See the <i>IBM Sterling Connect:Enterprise for z/OS Administration Guide</i> for more information on implementing the Clear Control Channel feature in Sterling Connect:Enterprise.
504 The ABOR command does not support parameters.	ABOR	There are one or more parameters on the command line, and the ABOR command does not support parameters.
504 APSV rejected. No parms allowed.	APSV	There are one or more parameters on the command line, and the APSV command does not support parameters.
504 The PASV command does not support parameters.	PASV	There are one or more parameters on the command line, and the PASV command does not support parameters.

Reply	Command	Description
504 The PWD command does not support parameters.	PWD	There are one or more parameters on the command line, and the PWD command does not support parameters.
504 STAT command failed. This implementation does not support parameters.	STAT	The STAT command does not support parameters.
504 The STOU command does not support parameters.	STOU	There are one or more parameters on the command line, and the STOU command does not support parameters.
530 Logon required before using this command.	General	You must log on before Sterling Connect:Enterprise will accept the requested command.
530 The remote is not logged in.	ABOR, APSV, CWD, DELE, LIST, RETR, SITE, STAT, STOR, STOU, STRU, SYST, TYPE, MODE, NLST, PASV	The remote must log in using the USER and PASS commands.
530 Logon attempt rejected.	PASS	Either the user name is not defined, the password is not valid, or the Sterling Connect:Enterprise session security exit denied access for this user.
530 New passwords are not the same. Logon attempt rejected.	PASS	An attempt to change the logon password for this user failed because the user did not enter the same value twice for the new password. The user is denied access to Sterling Connect:Enterprise.
533 CCC Command invalid.	General	The default policy value for all client or all server connections is set in the *OPTIONS section of the ODF using the SSL_DEFAULT_CLIENT_CCC_POLICY and the SSL_DEFAULT_SERVER_CCC_POLICY parameters. These defaults can be overridden by setting a different value in the SSL_CCC_POLICY parameter for the individual *REMOTES definition. These default CCC policies apply only when SSL=YES. See the <i>IBM Sterling Connect:Enterprise for z/OS Administration Guide</i> for more information on implementing the Clear Control Channel feature in Sterling Connect:Enterprise.
534 The named security mechanism is not supported.	AUTH	The AUTH command specified a security mechanism other than SSL.
534 CCC not allowed by Server.	CCC	The Server_CCC_Policy is set to DISALLOWED.
536 PROT error. Data channel protection level not supported.	PROT	The only value supported is 'P' (private). Sterling Connect:Enterprise does not support the following other protection levels.

Reply	Command	Description
538 Logon attempt rejected, logon limit exceeded.	PASS	This FTP remote has been defined to limit the number of sessions and the maximum number of logons for this remote has been reached. Try the connection again. If error continues, contact the Sterling Connect:Enterprise administrator to increase the number of remote logons allowed.
539 Logon attempt rejected, password expired.	PASS	You entered the correct password, but the password expired due to options specified in the security package or by the security administrator. A new password must be specified using the 'PASS <password></newpass/newpass>' format of the PASS command. The user is denied access to Sterling Connect:Enterprise.
541 SITE rejected. Requested VBQ not allocated.	SITE	You attempted to collect batches and store them on an assigned VBQ that is not allocated. Either allocate the particular VBQ and reissue the SITE command or change the SITE VBQ#=nn parameter to a VBQ that is allocated.
550 Transfer terminated by ABOR command.	ABOR	You typed an ABOR command to end the transfer.
550 Account rejected.	ACCT	The remote FTP server rejected the account value.
550 Local policy requires CCC	CCC	The value for the local CCC policy is REQUIRED.
550 Local policy requires CCC to be active.	CCC	The value for the local CCC policy is REQUIRED.
550 CDUP failed	CDUP	The change directory command is rejected and the current directory remains that specified in the value xxxxxxxx.
550 CWD rejected. Current working directory is xxxxxxxx.	CWD	The change directory command is rejected and the current directory remains that specified in the value xxxxxxxx.
550 DELE failed. No batches found.	DELE	The user Batch ID specified was not found. If wildcard characters were used, no batch matched the specified pattern.
550 DELE failed. Remote is not authorized.	DELE	The Sterling Connect:Enterprise security interface has denied this command's use by this remote for the current working repository.
550 DELE failed. Request denied by session security exit.	DELE	The session security exit has denied access.
550 LIST failed. No batches found.	LIST	The user Batch ID specified was not found. If wildcard characters were used, no batch matched the specified pattern.
550 LIST failed. Remote is not authorized.	LIST	The Sterling Connect:Enterprise security interface has denied access for the use of this command by this remote for the current working Mailbox.
550 LIST failed. Request denied by session security exit.	LIST	The session security exit has denied access.

Reply	Command	Description
550 LIST failed. Type must be either ASCII or EBCDIC.	LIST	The current data representation type is neither ASCII nor EBCDIC. Pick one.
550 NLST failed. No batches found.	NLST	The user Batch ID specified was not found. If wildcard characters were used, no batch matched the specified pattern.
550 NLST failed. Remote is not authorized.	NLST	The Sterling Connect:Enterprise security interface has denied access for the use of this command by this remote for the current working Mailbox.
550 NLST failed. Request denied by session security exit.	NLST	The session security exit has denied access.
550 NLST failed. Type must be either ASCII or EBCDIC.	NLST	The current data representation type is neither ASCII nor EBCDIC. This is required.
550 No Batches Found	RETR, LIST, NLST, DELE	When receiving a command in the format: xxxx #nnnnnnn.batch-id the Sterling Connect:Enterprise FTP Server cannot validate the batch number against the VCF batch control record using nnnnnnnn as the record key. (The pound sign (#) is optional and this format is valid if Sterling Connect:Enterprise can find corresponding batch number information.)
550 Pass rejected.	PASS	The remote FTP server rejected the password.
550 RETR failed. No batches found.	RETR	The user Batch ID specified was not found. If wildcard characters were used, no batch matched the specified pattern.
550 RETR failed. Requested batch is empty.	RETR	The server sent this message to the remote client indicating that the request batch is empty.
550 RETR failed. Remote is not authorized.	RETR	The Sterling Connect:Enterprise security interface has denied access for the use of this command by this remote for the current working repository.
550 RETR failed. Request denied by session security exit.	RETR	The session security exit has denied access.
550 Directory not removed	RMD	Unsuccessful completion of command.
550 Site command rejected	SITE	The remote FTP server rejects the SITE command values.
550 STOR failed. Remote is not authorized.	STOR	The Sterling Connect:Enterprise security interface has denied access for the use of this command by this remote for the current working repository.
550 STOR failed. Request denied by session security exit.	STOR	The session security exit has denied access.

Reply	Command	Description
550 Transfer failed for 'bbb...bbb.#nnnnnnn'.	STOU	This response contains the user Batch ID (bbb...bbb) and batch number of the batch that failed to transfer. The batch is marked incomplete in the Sterling Connect:Enterprise control file.
550 Transfer failed. Decompression error.	STOU	MODE COMPRESSED is in effect and Sterling Connect:Enterprise cannot decompress the file being transferred. The batch is marked incomplete in the Sterling Connect:Enterprise control file. Either correct the data in the batch before attempting to add it as a MODE COMPRESSED or specify a different MODE.
550 Transfer failed. Remote is not authorized.	STOU	The remote is not authorized to use the RETR command for the current working Mailbox.
550 Transfer failed. Request denied by security exit.	STOU	The session security exit has denied access.
550 USER failed "anonymous" users not permitted.	USER	An anonymous remote is not configured for this Sterling Connect:Enterprise system. Anonymous users are therefore not permitted.
550 USER failed "generic" users not permitted.	USER	A generic remote is not configured for this Sterling Connect:Enterprise system that can be matched to your users. Generic users are therefore not permitted.
550 USER failed. Secure connection is required.	USER	The remote name definition specifies that a secure connection must be established using SSL prior to issuing the USER command.

## FTP Client Script Replies

These messages are internal script responses indicating failures and successes in script command processing. Although the reply code numbers shown are not unique to the command, sample commands that can produce a particular error are provided as examples. These messages are listed in FTP\_DIALOG when it is turned on for the remote definition the script is running on behalf of. An 0xx response to script commands indicate success; 6xx indicates failure.

Reply	Command	Description
000 Locsite command was accepted.	LOCSITE	Command completed successfully.
000 The value of the locsite DIR_FILTER is flags.	LOCSITE	Successful completion of the "locsite DIR_FILTER" or "locsite DIR_FILTER QUERY" command. The value of the DIR_FILTER parameter is displayed as a string of flag IDs.

Reply	Command	Description
000 The value of the DIR_FILTER is xxxxxxxx	LOCSITE	This reply results from a LOCSITE DIR_FILTER request in a script. The xxxxxxxx value is used in selecting batches to STOR to the remote server.
000 Sunique successful. PUT will use server-FTP STOU command.	LOCSITE	SUNIQUE is a request from a script to use the STOU (Store Unique) when a script PUT request is converted into an FTP command sent to the remote server.
000 Non-\$\$ADD command skipped: \$\$cmd ...	RETR	The FTP client issues this message each time it skips a command other than \$\$ADD.
000 \$\$ADD Batch created: ID=id BID='bid' Batch Number=bno	RETR	FTP client issues this message each time it creates a batch as a result of processing a \$\$ADD command.
000 The DIR_FILTER is reverting to xxxxxx	STOR, STOU	This dialog note appears after a temporary dir_filter has been used to select outbound files for STOR or STOU.
005 DISCINTV reached on control port.	General	The FTP client data connection timed out, because the value for the ODF parameter, DISCINTV (disconnect interval), for the remote was reached. This is a diagnostic message only. If the message is followed by a 605 error, then the FTP client will close the control connection. The script must determine what action to take. It can choose to either log on again and retry, or exit the script.



Reply	Command	Description
011-Connect:Enterprise at hh:mm:ss on yyyy.jjj host time. 011-Session started at hh:mm:ss on yyyyymmdd.jjj host time. 011-User: username Current working MailboxID: mailbox_ID 011-TYPE: data_type MODE: mode_type STRUcture: structure_type 011-Local SITE option values: 011-Allocation type=allo_type BCHSEP=bs_option BLKSIZE=blk_size 011-DIR_FILTER=dirfilter_flagsx DIRECTORY=dir_size DIRFORM=dirform 011-EO=bbb FTIME=yyyyymmdd:hhmm LRECL=lrecl 011-MULTXMIT=bbb ONEBATCH=bbb ORIGIN=originator PRIMARY=pri_size 011-RECFM=recfm REMOTE_FILENAME_LENGTH=name_len SECONDARY=sec_size 011-TO=bbb TTIME=yyyyymmdd:hhmm XMIT=bbb VBQ#=nn SCAN=ALL 011-Security Values (SSL): 011-AUTH=SSL PROT=0 PBSZ=nnnnn 011-nn,nnn,nnn Kbytes received for nn,nnn,nnn batches during this session 011 nn,nnn,nnn Kbytes sent with nn,nnn,nnn batches during this session 011 CREATE_DIR_BATCH=NO CREATE_LIST_BATCH=YES CREATE_NLST_BATCH=NO	LOCSTAT	This command displays the current settings of Sterling Connect:Enterprise specific parameters set by the locsite command. If FTP session dialog capture is not active, the results of the locstat command are discarded.
042 DISCINTV reached on data port.	General	The FTP client data connection timed out, because the value for the ODF parameter, DISCINTV (disconnect interval), for the remote was reached. This is a diagnostic message only. If the message is followed by a 642 error, then the FTP command is considered to have failed. The script must determine what action to take. It can choose to either re-issue the command, or skip it.
050 Local working Mailbox is mailbox_ID	LOCCD	The current working Mailbox ID is changed to specified value as a response to the LOCCD command.

Reply	Command	Description
050 The DIR_FILTER is reverting to xxxxxxxx	LOCCD	After a STOR or STOU command (or multiples for MPUT or BCHSEP=OPT4), a previous temporary Dir_filter assignment resets to the previous original value (xxxxxxx) or a value assigned with the KEEP parameter.
050 loccdir completed successfully. nn,nnn,nnn batches listed	LOCDIR	All selected batches are listed. nn,nnn,nnn is the number of batches listed.
051 USERLOG completed successfully	USERLOG	Command completed successfully.
057 "xxxxxxx" is the current working MailboxID.	LOCPWD	This reply results from an LOCPWD request in a script asking for the current working mailbox ID to be displayed.
600 OPEN rejected. Command: OPEN not ccc	CCC	No connection could be established with the specified hostname or IPADDRESS,PORTNUMBER.
600 OPEN rejected. Invalid IP Address or Port.	connect	Either the IP address and/or port number specified in the connect command is invalid.
600 CCC rejected when required. Session ending.	CCC	CCC policy is set to required for a remote server which rejected the CCC command.  The default policy value for all client or all server connections is set in the *OPTIONS section of the ODF using the SSL_DEFAULT_CLIENT_CCC_POLICY and the SSL_DEFAULT_SERVER_CCC_POLICY parameters. These defaults can be overridden by setting a different value in the SSL_CCC_POLICY parameter for the individual *REMOTES definition. These default CCC policies apply only when SSL=YES. See the <i>IBM Sterling Connect:Enterprise for z/OS Administration Guide</i> for more information on implementing the Clear Control Channel feature in Sterling Connect:Enterprise.
600 Script Error. THEN clause missing for an IF command.	IF/THEN	Unsuccessful completion of the command. An IF command is being processed, but the THEN clause was not found.
600 Script Error. Condition test is missing for an IF command.		Unsuccessful completion of the command. An IF command is being processed, but the condition to test was not found.
600 Script Error. THEN clause found with no active IF command.		Unsuccessful completion of the command. A THEN clause was found in the script without an IF command.
600 Script Error. ELSE clause found with no active IF command.		Unsuccessful completion of the command. An ELSE clause was found in the script without an IF command.
600 Script Error. ELSE clause found before THEN clause.		Unsuccessful completion of the command. An ELSE clause was found for an IF command in process when there should have been a THEN clause.

Reply	Command	Description
600 Script error. Too many parameters.	LOCCD	Unsuccessful completion of the command. There are more than two parameters, and the command is unable to determine which parameter specifies the foreign file name and the User Batch ID.
600 Script error. Missing the MailboxID parameter.		Unsuccessful completion of the command. The command requires the MailboxID parameter.
600 Script error. Mailbox_ID is invalid for MailboxID parameter.		Unsuccessful completion of the command. The specified MailboxID is not valid.
600 Script error. Too many parameters.	LOCDIR	Unsuccessful completion of the command. There are more than two parameters and the command is unable to determine which parameter specifies the User Batch ID.
600 Syntax Error. Parameter not recognized: <i>substring</i> .	LOCSITE	Unsuccessful completion of the LOCSITE command. The value of <i>substring</i> was not recognized as a valid LOCSITE command parameter.
600 No files listed from server.	NLST	NLST command received no file names from the remote server.
600 OPEN Rejected. Get Host By Name failed.	OPEN	If gethostbyname fails for 'hostname' on the FTP client side, the OPEN command fails and this message is recorded in the FTP client dialog. Auto Connect logging will have FC(185) on connection record.
600 PASV rejected. Previous PASV in effect.	PASV	No transfer occurred since the last PASV command. A data port IP address and port number have already been received from the remote server.
601 Command rejected. Filename required.	General	The script command was rejected because a required file name was not found.
601 Command rejected. Not allowed from script.	General	Automatic commands, such as CCC cannot be requested from a script. These commands must be generated based on policy parameters.
601 Command rejected. Path syntax error. A filename or directory-path/filename was not recognized.	General	Check the syntax of the REXX script. See the <i>IBM Sterling Connect:Enterprise for z/OS Administration Guide</i> for a general description of REXX language syntax. See the REXX documentation for detailed information on the REXX language.
601 Command rejected. Unpaired quote.	General	A quotation mark (single or double) is missing as a delimiter. Check the syntax of the REXX script.
601 Parameter not recognized. BPX1OPT Failed. CMB2181E message will report return code and reason code for the failure.	LOCSITE (KALIVEON KALIVEOFF)	Attempt to use KeepAlive feature to keep client remote control ports open failed. Message CMB2181E defines the error. For more information on the specific return code and reason code, see <i>z/OS UNIX System Services Messages and Codes</i> and Chapter 11, <i>FTP Completion Codes</i> .

Reply	Command	Description
601 Parameter not recognized. The following text was not accepted: xxxxxxx	General	Displayed text is not valid for the rejected command.
601 Syntax error. Too many parameters. Missing the MAILBOX_ID parameter. xxxxxxx is invalid for MailboxID parameter. Invalid parameter parm xxxxxxxx.	General	Text of message varies to describe an error in the rejected command.
601 Command rejected.	GET	GET requires two parameters: a foreign file name to retrieve from the remote FTP server and a local User Batch ID for the collected batch.
601 Command rejected. User Batchid required to put a file.	PUT, STOR, STOU	PUT, STOR or STOU command did not have a local file name.
602 Command rejected. SSL not available.	AUTH, PROT, PBSZ	SSL_POLICY is optional or required and the request to initiate SSL failed.
602 Command rejected. Invalid type.	TYPE	Unsuccessful completion of the command. The specified TYPE is not valid.
603 Command rejected. No connection to server.	General	If no successful OPEN has occurred, all commands to go to the remote server are rejected.
603 MODE rejected. STRU R only supported with MODE S.	MODE B, MODE C	MODE B or C are not supported when STRU is already set.
603 STRU R rejected. Only supported with MODE S.	STRU R	For the Sterling Connect:Enterprise for z/OS FTP AutoConnect Client, STRU R is not supported when MODE B or MIODE C are already set.
604 Connection to server terminated by Control Port error.	General	After a successful OPEN, the control channel connection failed.
605 Connection to server terminated by Control Port timeout.	General	DISCINTV was reached with no server response.
606 Session termination in progress due to Stop Immediate operator command.	\$\$STOP,I	Operator command caused session to end.
611 Command rejected. Not supported by Server.	SCGET, SCPUT	SCGET and SCPUT are rejected because the remote server is not able to use this proprietary method of transferring batches. Only supported releases of Sterling Connect:Enterprise will honor these commands.
626 Transfer command failed.	LIST, NLST, PORT, PASV, RETR, STOR, STOU	Data port failed in transfer.

Reply	Command	Description
641 LOCSITE rejected. Requested VBQ not allocated.	LOCSITE VBQ#=nn	Either allocate the particular VBQ and reissue the LOCSITE command or change the LOCSITE VBQ#=nn parameter to a VBQ that is allocated.
642 Transfer command failed.	General	Transfer failed to receive or send data even when remote server reported a 2xx successful transfer.
650 FTP SESSION TERMINATING This FTP SESSION is TERMINATING.	General	See CMB2175E – C:E TCP SESSION TERMINATION ERROR DETECTED ON aaaaaaaa BY bbbbbbbbbb ERROR CODE=nnnn.
650 cccc rejected. Assigned VBQ not allocated (where cccc may be one of the commands listed in the next column).	GET, RETR, LIST, NLST, MGET, DIR, LS, or SCGET	A VBQ assigned as an alternate collection VBQ in an FTP LOGON_SCRIPT or ACSCRIPT may be deallocated prior to a transfer request. When this occurs, the transfer fails. The VBQ allocation is checked again just before the transfer request is issued to prevent the transfer from initiating and then failing. The remaining window where the transfer may begin and the VBQ deallocated before creating a batch is very small. A transfer that then fails closes the data channel and failcode 175 is logged. The remote server may then continue or terminate the session.
650 LIST failed. File or directory inaccessible.	LIST, LOCSITE	You attempted to collect batches and store them on an assigned VBQ that is not allocated. Either allocate the particular VBQ and reissue the LOCSITE command or change the LOCSITE VBQ#=nn parameter to a VBQ that is allocated.
650 locdir failed. No batches found	LOCDIR	Unsuccessful completion of the command. The user batch ID specified was not found. If wildcard characters were used, no batch matched the specified pattern.
650 RETR failed. File or directory inaccessible.	RETR, LOCSITE	You attempted to collect batches and store them on an assigned VBQ that is not allocated. Either allocate the particular VBQ and reissue the LOCSITE command or change the LOCSITE VBQ#=nn parameter to a VBQ that is allocated.
650 NLST failed. File or directory inaccessible.	RETR, LOCSITE	You attempted to collect batches and store them on an assigned VBQ that is not allocated. Either allocate the particular VBQ and reissue the LOCSITE command or change the LOCSITE VBQ#=nn parameter to a VBQ that is allocated.
650 No batches found.	STOR	The client attempted to transfer a batch using the STOR command but no batches were found to send.
650 Requested batch is empty.	STOR	After the Client issued a request to send a specific empty batch via a batch number, this reply is issued indicating that the requested batch is empty.

Reply	Command	Description
651 USERLOG failed. FCWRETCD=XX.	USERLOG	Unsuccessful completion of the command. An attempt to write a USERLOG detail record to the VLF failed. XX is a diagnostic code. Typically, VLF errors occur when all VLF files are full. Check the job log for VLF error messages issued around the same time. If none are found, report the message and the diagnostic code to IBM Support.

## FTP Client Script Replies in \$ADD Command Processing

These replies are responses during \$\$ADD command processing when a RETR command is being executed and the FTP client is scanning the data before it is stored. For more information on dialog traces and specifically how information about \$\$ADD command processing is recorded in traces, see the chapter on diagnostics, in *IBM Sterling Connect:Enterprise for z/OS Administration Guide*. If the reply refers to a parameter in the Options Definition File (ODF), see the chapter on configuring ODF records for FTP connections in *IBM Sterling Connect:Enterprise for z/OS Administration Guide*.

Reply	Description
000 cccccc Batch created: ID=id BID='bid' BATCH Number=bno where: ccccc = instance number of the current \$\$cmd (all non-\$\$cmd commands are assigned 00000000)	The FTP client issued the initial batch created message taking the mailbox ID and batch ID from the RETR command or the current working directory.
000 cccccc SCAN=<ALL YES  NO> is the initial setting where: ccccc = instance number of the current \$\$cmd (all non-\$\$cmd commands are assigned 00000000)	When the RETR command started executing, the FTP client issued this message indicating how it would be scanning the batch.
000 cccccc KIRN=NO is the current setting where: ccccc = instance number of the current \$\$cmd (all non-\$\$cmd commands are assigned 00000000)	When the RETR command started executing, the FTP client issued this message indicating that Sterling Connect:Enterprise would be removing record separator strings after recording the batch. (KIRN stands for <u>K</u> ee <u>P</u> <u>I</u> nput <u>R</u> ec <u>s</u> ep <u>N</u> ew Line feed.)

Reply	Description
<p>000 cccccc RIFS=NO is the current setting where:            cccccc = instance number of the current \$\$cmd (all non-\$\$cmd commands are assigned 00000000)</p>	<p>When the RETR command started executing, the FTP client issued this message indicating that the file structure of the batch would be retained and record separator strings not recognized in SFA or SFE batches. (RIFS stands for <u>R</u>ecordize <u>I</u>nput <u>F</u>ile <u>S</u>tructure.)</p>
<p>000 cccccc RIFS=YES is in effect for this command because SCAN=YES or ALL, and MODE/STRU/TYPE is S/F/A or S/F/E where:            cccccc = instance number of the current \$\$cmd (all non-\$\$cmd commands are assigned 00000000)</p>	<p>When the RETR command started executing, the FTP client issued this message indicating that Sterling Connect:Enterprise would be breaking incoming batches into records for file data structures being transferred in stream mode with an ASCII data type (S/F/A) or EBCDIC data type (S/F/E) because scanning for \$\$ADD commands is in effect.</p>
<p>000 cccccc Non-\$\$ADD command removed: \$\$cmd... where:            cccccc = instance number of the current \$\$cmd            \$\$cmd = \$\$REQUEST \$\$REQ                      \$\$LOGOFF \$\$LOG                      \$\$DELETE \$\$DEL                      \$\$DIRECTORY \$\$DIR</p>	<p>The FTP client removed the non-\$\$ADD command.  <b>Note:</b> The FTP client also removes /*SIGNON and BINASC cards.</p>
<p>000 cccccc \$\$ADD command: \$\$ADD: keyword=value            or            000 cccccc \$\$ADD command has no parameters where:            cccccc = instance number of the current \$\$ADD command            keyword = ID                      BATCHID                      MULTXMIT                      TO                      SCAN                      EO                      VBQ#                      XMIT</p>	<p>The FTP client scanned the \$\$ADD command and issued a message for each parameter, or if there were none, issued a message to that effect.</p>
<p>000 cccccc \$\$ADD parameter override by X_SECURE exit: keyword=value where:            cccccc = instance number of the current \$\$ADD command</p>	<p>If the X_SECURE parameter was specified in the ODF, the security exit is called. For each parameter overridden by the exit, the FTP client issued a message specifying the new parameter value.</p>

Reply	Description
<p>000 cccccc \$\$ADD VBQnn not available, reverting to VBQmm  where:  ccccc = instance number of the current \$\$ADD command  nn = number of specified VBQ file to open  mm = number of VBQ file used when RETR began executing</p>	<p>If the VBQ# parameter was specified in the \$\$ADD command, an attempt was made to close the original VBQ and open the specified one (VBQnn), if different. If that process failed, the FTP client attempted to revert to the VBQ# that was being used when the RETR command began executing (VBQmm). If successful, the client issued this message and continued processing without error.</p>
<p>000 cccccc \$\$ADD approved by the X_SECURE exit.  where:  ccccc = instance number of the current \$\$ADD command</p>	<p>After the security exit is called, the FTP client issued this message to indicate that \$\$ADD command processing would continue.</p>
<p>000 cccccc \$\$ADD approved by security interface: userid, pseudo-dsn  where:  ccccc = instance number of the current \$\$ADD command</p>	<p>If the MBXSECURE or FTPSECURE parameters in the ODF specify that the security interface be called, the FTP client issued this message indicating that the security interface call was successful using a combination of the remote name as the userid and a pseudo-dsn consisting of mbxhlq.mbxname.ONLINE.\$\$ADD.id. mbxhlq.mbxname.ONLINE.\$\$ADD.id can be broken down into:</p> <ul style="list-style-type: none"> <li>◆ mbxhlq and mbxname, which are specified in the corresponding ODF parameters</li> <li>◆ id, which is the mailbox ID from either the X_SECURE exit or the \$\$ADD command, or the current working directory</li> </ul>
<p>000 cccccc \$\$ADD Batch re-used: ID=id  BID='bid' Batch Number=bno  where:  ccccc = instance number of the current \$\$ADD command</p>	<p>If the \$\$ADD command processing was validated, the batch created when the RETR command processing began is reused and the FTP client issued this message. The bno (batch number) value is the same as the batch number in the initial batch creation message. See <i>000 cccccc Batch created: ID=id BID='bid' BATCH Number=bno.</i></p>
<p>650 cccccc \$\$ADD rejected by the X_SECURE exit. Unable to continue.  where:  ccccc = instance number of the current \$\$ADD command</p>	<p>After the security exit is called, the FTP client issued this message to indicate that \$\$ADD command processing could not continue.</p>
<p>650 cccccc \$\$ADD rejected by security interface: userid, pseudo-dsn  where:  ccccc = instance number of the current \$\$ADD command</p>	<p>If the MBXSECURE or FTPSECURE parameters in the ODF specify that the security interface be called, the FTP client issued this message indicating that the security interface call was unsuccessful using a combination of the remote name as the userid and a pseudo-dsn consisting of mbxhlq.mbxname.ONLINE.\$\$ADD.id. mbxhlq.mbxname.ONLINE.\$\$ADD.id can be broken down into:</p> <ul style="list-style-type: none"> <li>◆ mbxhlq and mbxname, which are specified in the corresponding ODF parameters</li> <li>◆ id, which is the mailbox ID from either the X_SECURE exit or the \$\$ADD command, or the current working directory</li> </ul>



Reply	Description
650 cccccc \$\$ADD VSAM error. Unable to continue where: ccccc = instance number of the current \$\$ADD command	If the VBQ# parameter was specified in the \$\$ADD command, an attempt was made to close the original VBQ and open the specified one, if different. If that process failed, the FTP client attempted to revert to the VBQ# that was being used when the RETR command began executing. If unsuccessful, the client issued this message and the RETR command was aborted.

## FTP Server Replies in \$\$ADD Command Processing

These replies are responses during \$\$ADD processing when a STOR or STOU command is being executed and the FTP server is scanning the data before it is stored. These messages appear in a dialog trace twice: once without reply codes as the data is being processed live and again after all data and replies have been buffered. The buffered replies have reply codes and appear in the traces for both the server and client.

Reply	Description
226-ccccc Batch created: ID=id BID='bid' BATCH Number=bno where: ccccc = instance number of the current \$\$cmd (all non-\$\$cmd commands are assigned 00000000)	The FTP server issued the initial batch created message taking the mailbox ID and batch ID from the STOR or STOU command or the current working directory.
226-ccccc SCAN=<ALL YES NO> is the initial setting where: ccccc = instance number of the current \$\$cmd (all non-\$\$cmd commands are assigned 00000000)	When the STOR or STOU command started executing, the FTP server issued this message.
226-ccccc KIRN=NO is the current setting where: ccccc = instance number of the current \$\$cmd (all non-\$\$cmd commands are assigned 00000000)	When the STOR or STOU command started executing, the FTP server issued this message indicating that Sterling Connect:Enterprise would be removing record separator strings after recording the batch. (KIRN stands for <u>K</u> ee <u>P</u> <u>I</u> nput <u>R</u> ec <u>se</u> p <u>N</u> L.)
226-ccccc RIFS=NO is the current setting where: ccccc = instance number of the current \$\$cmd (all non-\$\$cmd commands are assigned 00000000)	When the STOR or STOU command started executing, the FTP server issued this message indicating that the file structure of the batch would be retained and record separator strings not recognized in SFA or SFE batches. (RIFS stands for <u>R</u> ecordize <u>I</u> nput <u>E</u> ile <u>S</u> tructure.)

Reply	Description
<p>226-cccccc RIFS=YES is in effect for this command because SCAN=YES or ALL, and MODE/STRU/TYPE is S/F/A or S/F/E            where:            ccccc = instance number of the current \$\$cmd (all non-\$\$cmd commands are assigned 00000000)</p>	<p>When the STOR or STOU command started executing, the FTP server issued this message indicating that Sterling Connect:Enterprise would be breaking incoming batches into records for file data structures being transferred in stream mode with an ASCII data type (S/F/A) or EBCDIC data type (S/F/E) because scanning for \$\$ADD commands is in effect.</p>
<p>226-cccccc Non-\$\$ADD command removed: \$\$cmd...            where:            ccccc = instance number of the current \$\$cmd            \$\$cmd = \$\$REQUEST \$\$REQ                      \$\$LOGOFF \$\$LOG                      \$\$DELETE \$\$DEL                      \$\$DIRECTORY \$\$DIR</p>	<p>The FTP server removed the non-\$\$ADD command.  <b>Note:</b> The FTP server also removes /*SIGNON and BINASC cards.</p>
<p>226-cccccc \$\$ADD command: \$\$ADD:            keyword=value            or            226-cccccc \$\$ADD command has no parameters            where:            ccccc = instance number of the current \$\$ADD command            keyword = ID                      BATCHID                      BID                      MULTXMIT                      TO                      SCAN                      EO                      VBQ#                      XMIT</p>	<p>The FTP server scanned the \$ADD command and issued a message for each parameter, or if there were none, issued a message to that effect.</p>
<p>226-cccccc \$\$ADD parameter override by X_SECURE exit: keyword=value            where:            ccccc = instance number of the current \$\$ADD command</p>	<p>If the X_SECURE parameter was specified in the ODF, the security exit is called. For each parameter overridden by the exit, the FTP server issued a message specifying the new parameter value.</p>

Reply	Description
<p>226-cccccc \$\$ADD VBQnn not available, reverting to VBQmm            where:            ccccc = instance number of the current \$\$ADD command            nn = number of specified VBQ file to open            mm = number of VBQ file used when RETR began executing</p>	<p>If the VBQ# parameter was specified in the \$\$ADD command, an attempt was made to close the original VBQ and open the specified one (VBQnn), if different. If that process failed, the FTP server attempted to revert to the VBQ# that was being used when the STOR or STOU command began executing (VBQmm). If successful, the FTP server issued this message and continued processing without error.</p>
<p>226-cccccc \$\$ADD approved by the X_SECURE exit.            where:            ccccc = instance number of the current \$\$ADD command</p>	<p>After the security exit is called, the FTP server issued this message to indicate that \$\$ADD command processing would continue.</p>
<p>226-cccccc \$\$ADD approved by security interface: userid, pseudo-dsn            where:            ccccc = instance number of the current \$\$ADD command</p>	<p>If the MBXSECURE or FTPSECURE parameters in the ODF specify that the security interface be called, the FTP server issued this message indicating that the security interface call was successful using a combination of the remote name as the userid and a pseudo-dsn consisting of mbxhlq.mbxname.ONLINE.\$\$ADD.id. mbxhlq.mbxname.ONLINE.\$\$ADD.id can be broken down into:</p> <ul style="list-style-type: none"> <li>◆ mbxhlq and mbxname, which are specified in the corresponding ODF parameters</li> <li>◆ id, which is the mailbox ID from either the X_SECURE exit or the \$\$ADD command, or the current working directory</li> </ul>
<p>226-cccccc \$\$ADD Batch re-used: ID=id            BID='bid' Batch Number=bno            where:            ccccc = instance number of the current \$\$ADD command</p>	<p>If the \$\$ADD command processing was validated, the batch created when the STOR or STOU command processing began is reused and the FTP server issued this message. The bno (batch number) value is the same as the batch number in the initial batch creation message. See <i>000 ccccc Batch created: ID=id BID='bid' BATCH Number=bno</i>.</p>
<p>226 xx,xxx,xxx bytes transferred for nn,nnn,nnn batches.            where:            xx,xxx,xxx = number of bytes transferred            nn,nnn,nnn - number of batches transferred</p>	<p>xx,xxx,xxx is the total number of bytes transferred for all of the nn,nnn,nnn batches selected for the RETR.</p>
<p>226 Transfer complete. 'bid', batch number n, m bytes.            where:            n = batch number            m = number of bytes transferred</p>	<p>The server issued this final successful reply, which indicates that no \$\$ADD commands were detected.</p>

Reply	Description
<p>226 Transfer complete. 'bid', n \$\$ADD cards, m bytes.</p> <p>where:</p> <p>n = number of \$\$ADD commands executed</p> <p>m = number of bytes transferred</p>	<p>The server issued this final successful reply and also indicates the number of \$\$ADD commands processed.</p>
<p>226-Transfer complete. Data connection closing. \$\$cmd(s) detected.</p> <p>226-non-\$\$ADD command skipped: command</p> <p>226-\$\$ADD completed. 'id', 'bid', 'bno', 'n' bytes</p> <p>226 Transfer complete. n bytes transferred for m \$\$ADD batch(s).</p>	<p>These messages are all related to the processing of FTP \$\$ADD commands (and other \$\$ commands). The FTP server issues a multi-line message each time it processes a STOR or STOU command with one line for each recognized \$\$cmd. The last line in the reply summarizes the result.</p>
<p>426 Transfer failed. Data connection closed. Connection closed by remote host.</p>	<p>The command(s) did not successfully complete. FTP server issues a multi-line message each time it processes a STOR or STOU command with one line for each recognized \$\$cmd. The last line in the reply summarizes the result.</p> <p><b>Note:</b> All 226-reply code messages related to \$\$cmd processing can be duplicated as 426-reply code messages.</p>
<p>550-Transfer failed. Data connection closing. \$\$cmd(s) detected.</p> <p>550-non-\$\$ADD command skipped: command</p> <p>550-\$\$ADD failed. 'id', 'bid', 'bno', 'n' bytes</p> <p>550 Transfer failed. n bytes transferred for m \$\$ADD batch(s).</p>	<p>The command(s) did not successfully complete. FTP server issues a multi-line message each time it processes a STOR or STOU command with one line for each recognized \$\$cmd. The last line in the reply summarizes the result.</p>
<p>550- cccccc \$\$ADD rejected by the X_SECURE exit. Unable to continue.</p> <p>where:</p> <p>ccccc = instance number of the current \$\$ADD command</p>	<p>After the security exit is called, the FTP server issued this message to indicate that \$\$ADD command processing could not continue.</p>
<p>550 cccccc \$\$ADD rejected by security interface: userid, pseudo-dsn</p> <p>where:</p> <p>ccccc = instance number of the current \$\$ADD command</p>	<p>If the MBXSECURE or FTPSECURE parameters in the ODF specify that the security interface be called, the FTP server issued this message indicating that the security interface call was unsuccessful using a combination of the remote name as the userid and a pseudo-dsn consisting of mbxhlq.mbxname.ONLINE.\$\$ADD.id. mbxhlq.mbxname.ONLINE.\$\$ADD.id can be broken down into:</p> <ul style="list-style-type: none"> <li>◆ mbxhlq and mbxname, which are specified in the corresponding ODF parameters</li> <li>◆ id, which is the mailbox ID from either the X_SECURE exit or the \$\$ADD command, or the current working directory</li> </ul>

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Reply	Description
550 cccccc \$\$ADD VSAM error. Unable to continue where: cccccc = instance number of the current \$\$ADD command	If the VBQ# parameter was specified in the \$\$ADD command, an attempt was made to close the original VBQ and open the specified one, if different. If that process failed, the FTP server attempted to revert to the VBQ# that was being used when the STOR or STOU command began executing. If unsuccessful, the client issued this message and the STOR or STOU command was aborted.

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# CONNECT Failure Codes

This chapter contains the codes generated during Auto Connect and Remote Connect processing. They are included in the Auto and Remote Connect Summary and Detail Reports.

Failure codes 240 through 255 have been reserved for user log failure codes, which are related to problems with processing FTP auto connect sessions. For more information about creating user-defined fail codes, see the chapter on offline utilities in the *IBM Sterling Connect:Enterprise for z/OS User's Guide*. Space has been provided in this chapter after the last system-generated fail code for you to include a list of all customized user-defined fail codes for maintenance purposes.

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### CONNECT Failure Codes (FAILURE CODE nnn)

These codes begin with the **FAILURE CODE nnn** identifier.

Failure Code	Description	Action
000	The Connect process was fully completed.	None.
001	The Connect process was not fully completed. Either the system crashed or Sterling Connect:Enterprise was shutdown before the connection completed. Detail records for batches already processed will be present.	Investigate and restart.
002	The Auto Connect failed to start. All needed lines were either down or were in use for other Auto Connects, the Auto Connect was busy, or SNA Sessions could not be established.	Verify availability of lines and retry. Consider Auto connect queuing.
003	The Auto Connect failed due to a severe VSAM problem. A summary record could not be created for the Auto Connect. Most likely the VSAM Log File is out of space.	Investigate and restart.

<b>Failure Code</b>	<b>Description</b>	<b>Action</b>
004	The connection ended prematurely. The number of batches processed exceeded the maximum (9,999,999).	You can retry the Auto Connect to process the remaining batches.
005	The Auto Connect failed due to a severe VSAM problem on the GET for a data transmission.	Examine the Snapshot data set to determine if the record size exceeds the buffer size. If that is not the problem, contact IBM Support.
006	The Auto Connect failed due to a severe VSAM problem on the PUT for a new Auto Connect detail record.	Most likely the VSAM Log File is out of space.
007	The Auto Connect failed to establish a connection with a remote site. The failure is severe and probably caused by an incorrect definition of the BSC line type for the Auto Connect.	Contact IBM Support.
008	The Auto Connect failed to establish a connection with a remote site. The remote did not respond to the connection attempt. Most likely the remote site is not ready to accept a call from the host site.	Check remote site for ready. The Auto Connect processing continues if other remote sites are defined.
009	An I/O error occurred in the attempt to use the BSC batch separation protocol during data transmission. More than one batch was to be transmitted, but the remote did not properly respond to the batch separation attempt. One or more batches for transmission were not sent to the remote.	None. The Auto Connect continues processing if other remote sites are defined.
010	An I/O error occurred during data transmission. The batch transmission might be incomplete.	None. The Auto Connect continues processing if other remote sites are defined.
011	Sterling Connect:Enterprise was requested to send to a remote site, but no batches were found ready for transmission. This might or might not be considered an error, and usually can be ignored. Sterling Connect:Enterprise will still attempt to receive from the remote site.	None.
012	The Auto Connect failed because VTAM or BTAM rejected the attempted I/O.	Obtain the Snapshot Data Set and contact IBM Support.
013	Sterling Connect:Enterprise was requested to send to a remote site, but no batches were found ready for transmission. This is similar to Failure Code 011, but the BSC MODE is SENDONLY, so no connection attempt is made for the remote site.	None. The Auto Connect continues processing if other remote sites are defined.
014	An I/O error occurred during data collection. A line turnaround to receive failed.	None. The Auto Connect continues processing if other remote sites are defined.
015	A possible error occurred during data collection. A send completed, but the remote indicated no data for the receive attempt.	None. The Auto Connect continues processing if other remote sites are defined.



<b>Failure Code</b>	<b>Description</b>	<b>Action</b>
016	The remote site forced a disconnect during a line turnaround.	None. The Auto Connect processing continues if other remote sites are defined.
017	An error occurred during data transmission. A receive was successful. However, the line turnaround to send failed.	None. The Auto Connect processing continues if other remote sites are defined.
018	An error occurred during data transmission. A receive completed, but the line turnaround to send was rejected by the remote.	Investigate and retry. The Auto Connect processing continues if other remote sites are defined.
019	The BSC mode was RECVSEND and the receive completed. However, no batches were ready to satisfy the send requirement. This is normally not an error.	None. The Auto Connect continues processing if other remote sites are defined.
020	The Auto Connect failed during a line turnaround.	None. Nature of the failure is severe and is probably caused by an incorrect definition of the BSC line type for the Auto Connect. Contact IBM Support.
021	An I/O error occurred during data collection. The batch collection might be incomplete.	None. The Auto Connect processing continues if other remote sites are defined.
022	An ID validation error occurred during a data collection from a remote site. All data from the remote site is ignored.	None. The Auto Connect processing continues if other remote sites are defined.
023	The Auto Connect failed due to a severe VSAM problem on the PUT of a new batch. Most likely the VSAM file is out of space.	None.
024	The Auto Connect failed due to a severe VSAM problem when updating the batch control record.	Retry the Auto Connect. Contact IBM Support if the problem persists.
025	A data collection failed due to a severe I/O error. The problem is probably caused by an incorrect definition of the line type for the Auto Connect.	Contact IBM Support if the problem persists.
026	The Auto Connect start attempt failed. An Auto Connect pending state was entered to wait for BSC lines in use. However, all such lines were closed due to errors before they could be assigned to the Auto Connect.	Try to fix the line problems, \$\$\$START the lines, and retry the Auto Connect.
027	You attempted to receive first on a non-switched line by overriding the BSC MODE on a \$\$\$CONNECT. Receive first is not supported on non-switched lines because the initial read will never time out if the remote site does not respond. This could permanently stall the Auto Connect and put the line out of service.	None.

<b>Failure Code</b>	<b>Description</b>	<b>Action</b>
028	The Auto Connect was halted before completion due to Sterling Connect:Enterprise immediate SHUTDOWN from the host system console. Detail records exist for any batches which were fully completed only.	None.
029	A security error occurred during a data collection from a remote site. The error was detected by a user-supplied security exit or the Sterling Connect:Enterprise Security Interface. All data from the remote site is ignored.	None. If this is an Auto Connect, attempts to process other remote sites in the Auto Connect List will be made.
030	An error occurred while attempting to process a \$TURNLINE\$ record embedded in the batch being sent to the remote site. There was insufficient main storage available for the control blocks needed to process the \$TURNLINE\$ function. A line turnaround was not done, and the Auto Connect to the remote site was ended.	None. The Auto Connect will attempt to process other remote sites in the Auto Connect List.
031	A BTAM ID Verification error occurred on the exchange of IDs between BTAM and the remote site. The Auto Connect connection attempt failed.	Ensure that the line assigned to the Auto Connect used the proper IDVER option for the remote site. Check the RID supplied in the Auto Connect List and the HID supplied in the *IDVER section of the ODF. The Auto Connect will attempt to process other remote sites in the Auto Connect List.
032	The Auto Connect data collection failed. An invalid SNA Function Management Header (FMH) was received at the start of a batch. The remainder of the batch was ignored.	None.
033	The Connection failed. Sterling Connect:Enterprise could not properly deblock inbound SNA data records, due to excessive length or incorrect format. The batch data was ignored.	Print the Snapshot Data Set to examine the incorrect inbound data record.
034	The Connection was cancelled before completion by the remote site. Sterling Connect:Enterprise received a Function Management Header (FMH) with codes set to Abort Data Set (ADS), so the batch is treated as an incomplete batch.	None.
035	Data transmission/collection failed. The transmission/collection was in progress, but the user-defined disconnect interval expired. The session was ended. Collected batches are treated as incomplete. Transmitted batches that were interrupted are not flagged as transmitted.	None.

<b>Failure Code</b>	<b>Description</b>	<b>Action</b>
036	The Auto Connect failed due to a mismatch in BTAM ID verification options. The Auto Connect List required BTAM ID Verification (RID=XXX), but the line assigned to the Auto Connect did not support BTAM ID Verification.	You must ensure that a compatible line is assigned to this Auto Connect by specifying the LINES parameter in the Auto Connect List. The Auto Connect will attempt to process other remote sites in the Auto Connect List, but they will probably fail for the same reason if the same line is used for processing.
037	The Auto Connect failed due to a mismatch in BTAM ID verification options. The line for the Auto Connect required BTAM ID Verification, but the remote site did not specify ID Verification (RID=XXX).	The Auto Connect will attempt to process other remote sites in the Auto Connect List.
038	Sterling Connect:Enterprise received an invalid password combination on the remote site. Therefore Sterling Connect:Enterprise rejected the \$\$DIRECTORY request.	Have the remote specify ID= on the request, or give the remote the correct password to use.
039	The Auto Connect data transmission failed. Sterling Connect:Enterprise detected a REVERSE INTERRUPT sequence from the remote site.	None.
040	The Auto Connect failed during host-host-initiated connection. Insufficient main storage was available for the Auto Connect control blocks.	Investigate and increase Sterling Connect:Enterprise region. The Auto Connect will attempt to process the next remote site in the Auto Connect List.
041	The Auto Connect failed during host-initiated connection. The host LOGON attempt (VTAM SIMLOGON) was rejected by VTAM. This is sometimes caused by an incorrect definition of the LUNAME for the remote site. It may also indicate that all LUs defined for the remote are busy. This failure code is eligible for Auto Connect Queuing.	Examine the Snapshot Data Set and any corresponding console messages for more information, then contact IBM Support if the problem is not resolved.
042	The Auto Connect failed because the session with the remote site was lost. This could be due to network problems, problems at the remote site, or by sudden termination of the session.	Examine the Snapshot Data Set for more information, then contact IBM Support if the problem is not resolved.
043	The Auto Connect failed during host-initiated connection. The remote site is not available for host-initiated LOGON (VTAM SIMLOGON or OPNDST failure). This failure code is eligible for Auto Connect Queuing.	Examine the Snapshot Data Set for more information, then contact IBM Support if the problem is not resolved.
044	The connection failed. An unrecoverable I/O error occurred on the attempted LOGON (VTAM SIMLOGON, INQUIRE or OPNDST).	Examine the Snapshot Data Set for more information, then contact IBM Support if the problem is not resolved.
045	The Auto Connect failed during host-initiated connection. The remote site rejected the host-initiated LOGON attempt, sometimes due to unsupported options in the BIND Image.	Examine the Snapshot Data Set for more information, then contact IBM Support if the problem is not resolved.

<b>Failure Code</b>	<b>Description</b>	<b>Action</b>
046	The Auto Connect failed during host-initiated connection. Sterling Connect:Enterprise rejected the LOGON attempt.	The Snapshot Data Set contains a snap with a title which further explains the reason for the LOGON reject. Examine the Snapshot Data Set for more information, then contact IBM Support if the problem is not resolved.
047	The Auto Connect failed due to some action by the remote site. The remote site sent Sterling Connect:Enterprise a negative response, an SNA Signal or an SNA Cancel.	Examine the Snapshot Data Set for more information, then contact IBM Support if the problem is not resolved.
048	An Auto Connect data transmission failed. An error occurred while attempting to format a batch record for transmission. This is usually caused by a record which is too large for the transmission buffer.	Examine the Snapshot Data Set for more information, then contact IBM Support if the problem is not resolved.
049	An Auto Connect data transmission failed. The transmission was interrupted by an action at the remote site, which caused it to send Sterling Connect:Enterprise an SNA Signal or SNA Cancel command. Sterling Connect:Enterprise will stop the current batch transmission, allow inbound data from the remote site, then attempt to retransmit all data in the interrupted batch.	This is not a severe failure, but an indication that a partial batch transmission occurred.
050	The Auto Connect failed during host-initiated connection. The remote is already in use for a previous Auto Connect.	A pending Auto Connect is not entered, so you must retry the attempted Auto Connect at a later time.
051	The Auto Connect for the remote site failed. JES is not responding and the Disconnect Interval has expired.	Correct the error and retry the transmission.
052	The Auto Connect turnline to receive from JES has failed and the Disconnect interval has expired.	Correct the error and retry the transmission.
053	The Auto Connect turnline to send to JES has failed and the Disconnect Interval has expired. This failure code is eligible for Auto Connect Queuing.	Correct the error and retry the transmission.
054	The Auto Connect Collection might be incomplete. A batch was received by Sterling Connect:Enterprise that did not have a valid EOF indicator.	Determine if the batch is incomplete, if necessary correct the error and retry the transmission.
055	The Auto Connect Collection might be incomplete. A batch was created, but data was not received.	If data should have been received, correct the error and retry the transmission.
056	The Auto Connect failed. The synchronous auto dial language modem received a Busy signal.	Investigate and retry the connection.

<b>Failure Code</b>	<b>Description</b>	<b>Action</b>
057	The Auto Connect failed. The synchronous auto dial language modem attempted a connect with the remote site, either the remote did not answer or answer tone was incompatible.	Investigate and retry the connection.
058	Synchronous auto dial language modem support was specified in the User Assembly, but is not valid.	Contact IBM Support.
059	The Auto Connect failed. Sixteen ENQ's were sent without a valid response being received.	Investigate and retry the connection.
060	Transmission failed, batch requires a Sterling Connection remote. The batch was received through a proprietary compression scheme. Sterling Connect:Enterprise cannot convert the file to standard 3770 protocol.	EXTRACT and Re-ADD the batch before retrying transmission.
061	The session ended while Sterling Connect:Enterprise was searching for a transmittable batch. Batches might not have been sent.	Research the reason for the session ending and restart the session if needed.
062	The STOR or STOU command failed while processing a subsequent \$\$ADD command. Although the \$\$ADD command associated with this record was successfully completed, it is marked incomplete because it was part of the failed STOR or STOU.	See the fail code for a subsequent \$\$ADD command that had the real error. Correct any \$\$ADD syntax errors and reissue the STOR or STOU command. The batch associated with this record's \$\$ADD command is marked incomplete. Delete it if desired.
063	The RETR command failed while processing a subsequent \$\$ADD command. Although the \$\$ADD command associated with this record was successfully completed, it is marked incomplete because it was part of the failed RETR.	See the fail code for a subsequent \$\$ADD command that had the real error. Correct any \$\$ADD syntax errors and reissue the RETR command. The batch associated with this record's \$\$ADD command is marked incomplete. Delete it if desired.
064	During a Remote Connect, a \$\$DELETE request failed because of a syntax error.	Correct the syntax and retry the command.
065	During a Remote Connect, a \$\$DELETE request failed because Sterling Connect:Enterprise could not find the specified batch.	Correct the batch number or ID and retry the Command.
066	Data Collection is incomplete. Sterling Connect:Enterprise did not receive an END-OF-TEXT (ETX) or END-OF-TRANSMISSION (EOT).	Correct the error and retry the transmission.
067	The Connection failed. A severe BSC read error has occurred and the remote has been disconnected.	Correct the error and retry the transmission.

<b>Failure Code</b>	<b>Description</b>	<b>Action</b>
068	The Connection failed. A severe BSC write error has occurred and the remote has been disconnected.	Correct the error and retry the transmission.
069	Sterling Connect:Enterprise has received an invalid inquiry request from the remote.	None.
070	The connection failed due to a \$\$STOP command.	None.
071	The connection failed. The session was terminated because of a GETMAIN failure.	Correct the cause of the GETMAIN failure and retry. If this error condition cannot be resolved, contact IBM Support.
072	The connection failed. Sterling Connect:Enterprise APPC has received an invalid Interface Parameter Structure (IPS) trailer.	Correct the format of the IPS trailer that is sent to Sterling Connect:Enterprise APPC and retry the transaction.
073	The connection failed. An error in the storage server has been detected.	Correct the cause of the storage server error and retry. If this error can not be resolved, contact IBM Support.
074	The SNA Auto Connect could not start because no SNA sessions could be established. The Auto Connect was queued for later reactivation. The A/C return code specified for each remote will identify the specific reason why each session could not be established.	None.
075	The Auto Connect to an SPC remote has failed because the remote has returned a negative response. This is most likely because the SPC remote could not establish a connection with its end user.	Determine why the session with the end user could not be established and take corrective action. Then reinitiate the Auto Connect if later messages do not indicate that the A/C has been queued.
076	The Auto Connect failed during host-initiated connection. The host LOGON attempt (VTAM SIMLOGON or REQSESS) was rejected by VTAM. This is most likely an internal error.	Collect the SNAP data that is produced and contact IBM Support.
077	An Auto Connect transmission received an RSHUTD request and ended the session with an incomplete transmission.	Retry the Auto Connect.
078	An attempt to start an Auto Connect failed because a VSAM error occurred when updating the Auto Connect number in the VCF.	Examine the Snapshot Data Set for more information. If you can not resolve the problem following this examination, contact IBM Support.
079	Batch transmit failed. One or more batches reside on a VBQ file which is deallocated.	Ensure all required VBQs are allocated and resubmit the transmit request.
080	An API Add or Request detected an error during a VSAM file OPEN.	Examine the Snapshot Data Set for more information. If you cannot resolve the problem, contact IBM Support.

<b>Failure Code</b>	<b>Description</b>	<b>Action</b>
081	The Batch Queue specified for an API Add is not available. It is deallocated.	Either specify a VBQ that is currently allocated or do not specify a VBQ at all. If you do not specify a VBQ, Sterling Connect:Enterprise will use the current collection VBQ.
082	The Auto Connect failed. SC=SPC specified for the remote was rejected.	Contact the SPC system administrator for assistance.
083	The Auto Connect failed. RMTACB busy with FMH=IE.	Investigate and retry.
084	The Auto Connect failed. BEGINLIST failed. The specified batch is not transmittable.	Investigate and retry.
085	SESSION ended. No DLE/EOT received.	Investigate and retry.
086	The BSC remote connection failed. A security error occurred.	Investigate and retry.
087	The BSC collected batches have intermingled transparent and non-transparent records. BSC batches must have either all transparent or non-transparent records. The collected intermingled batch is marked incomplete.	Make the data either all transparent or non-transparent and recollect the batch.
120	The initial FTP connect processing for an FTP client failed.	Review the Sterling Connect:Enterprise error log for additional diagnostic information.
121	A user login failed due to an invalid remote name specified in the USER command, invalid syntax on the PASS command or the PASS command preceded a valid USER command.	Correct command input.
122	A data transfer command (LIST, NLST, RETR, STOR or STOU) failed due to a TCP/IP error during data transfer.	Review the Sterling Connect:Enterprise log to determine the cause. Correct the error condition and retry the command.
123	A data transfer command (LIST, NLST, RETR, STOR or STOU) failed due to a TCP/IP error while attempting to establish the data connection.	Examine the preceding PORT, PASV or APSV command and reply to determine the IP address and port number being used for the data connection.
124	Data conversion failed during data transfer command (LIST, NLST, RETR, STOR or STOU) processing. The data received from the FTP client was not converted.	Review the MODE, TYPE and STRU parameters used for the transfer to ensure that they are set correctly for a file being collected. Or check the file attributes of a batch being transmitted. You may need to update batches collected through BSC and SNA using batch utilities before transmitting them with FTP.
125	Data Manipulation error during transit.	

<b>Failure Code</b>	<b>Description</b>	<b>Action</b>
126	End of Data received prior to receiving batch data during STOR or STOU command processing. The data connection was established with the FTP client but EOD was received on the first read for the batch data.	Inspect the source filename specified on the STOR or STOU command to see if it is a valid file.
127	A batch LIST, NLST, or RETR specified a Batch Number but the current working directory or the temporary directory specified in the path did not match the batch's Mailbox ID.	None.
128	An error occurred during a VSAM repository action in processing an FTP client command.	None.
129	A syntax error was found in the path specified for a data transfer command. The command failed.	None.
130	A RETR command included a batch that could not be sent because the batch was being transmitted. The batch was not flagged M to allow multiple transmissions.	Update the batch status flag for multiple concurrent transmissions.
131	An error was encountered during conversion of data read from the VBQs for transmission to the FTP client.	Check the TYPE, MODE and STRU values used for transmission and ensure validity of the requested batch data.
132	A LIST, NLST or RETR command failed due a VBQ open error.	None.
133	VBQ blocking was disabled and the batch being collected contained a record that was larger than the Current Collection VBQ maximum record size (max LRECL-17).	This batch cannot be stored in the Current Collection VBQ. Use VBQ blocking or use a VBQ with a larger maximum record size.
140	A data transfer command was terminated by a timeout on the data connection. The transfer failed.	This should be a temporary condition. Check the Sterling Connect:Enterprise error logs for additional information about the error.
141	A data transfer command (LIST, NLST, RETR, STOR or STOU) terminated because the FTP session was terminated by a STOP, Immediate operator command.	None.
142	A data transfer command (LIST, NLST, RETR, STOR or STOU) was terminated due to an ABOR command received from the FTP client.	None.
143	A data transfer command (LIST, NLST, RETR, STOR or STOU) was terminated due to an SSL initialization failure on the data connection.	Review the Sterling Connect:Enterprise error logs for further information about the cause of the SSL failure.



<b>Failure Code</b>	<b>Description</b>	<b>Action</b>
144	A data transfer command (LIST, NLST, RETR, STOR or STOU) was terminated due to an SSL data translation failure on the data connection.	Review the Sterling Connect:Enterprise error logs for further information about the cause of the SSL failure.
145	An FTP session was terminated because the control connection was closed before the receipt of a QUIT command. A data transfer command may have prematurely terminated.	None.
146	The FTP session was terminated by a disconnect time-out. No FTP commands were received during the disconnect time-out interval.	None.
147	The FTP session was terminated by the operator entering a \$\$STOP FTP,I command. This fail code is logged in the session disconnect log record. This fail code is logged on the detail record that was in progress when the STOP was issued.	None.
148	The FTP session was terminated by the operator entering a \$\$STOP FTP (End-Of-Batch) command. This fail code is logged in the session disconnect log record.	None.
149	The FTP session was terminated by an error that occurred before the first FTP command was received.	Check the Sterling Connect:Enterprise error logs for further information.
150	The FTP session was terminated because an error was detected that requires the session to be stopped.	Message CMB2175E describing the error is displayed on the system log. Review this message and take corrective action.
151	A start AC request was rejected due to list busy. The AC did not specify overrides that are different than previous start AC requests for the list name. Only one AC request can be active or queued unless unique values are specified for at least one of the ACSCRIPT, BID, or ID overrides.	Restart the AC list after the currently running list ends or supply override values to make the AC unique. To force AC queueing without checking for duplicate queue entries, use the ACQUEUE=F (Force) option. You may specify this option in the LISTNAME or \$\$CONNECT console command.
152	An FTP client session start failed for the AC list.	Examine the console log for error messages that further describe the error.
153	An FTP client session was terminated by thread termination. A thread was terminated by an operator STOP command or an internally detected error.	Examine the console log for error messages that further describe the error.
154	A queued AC was deleted by system shutdown.	None required.
155	AC list queued due to list busy.	None required.

<b>Failure Code</b>	<b>Description</b>	<b>Action</b>
156	A queued AC was deleted by the operator.	None required.
157	An FTP session failed because the TCP thread abnormally terminated.	Examine the console log for error messages that further describe the error.
158	An FTP client session start failed for the AC list. This could be caused by an undefined remote name in the AC list or an invalid LOGON script name.	Examine the console log for error messages that further describe the error.
159	A negative reply from the FTP server terminated the data transfer operation. Control returns to the script with HCRC=4 and LASTRC set to the negative reply.	Examine the console log for error messages that further describe the error.
160	Internal logic error. The STREXX00 RC is unknown to STFTPC90.	Call IBM Support for support of this internal error.
161	IRXEXEC ABENDED.	Call IBM Support for support of this internal error.
162	A syntax error occurred in the script. The script is immediately terminated by REXX.	Correct the script using the messages in the Dialog Trace DD and rerun it.
163	Time Out - The script was stopped by the Loop/Hang timer. Too much time elapsed without executing a Host Command.	Either correct the script so it doesn't loop or hang, or so that it executes a Host Command more frequently, or else increase the Loop/Hang timeout value by changing ODF parm SCRIPT_INTERVAL_TIME.
164	The script exited with a non-zero RC. The script issued the EXIT or RETURN instruction with a non-zero value. The RC value set in the script is reported in the log message CMB2173E.	None. RC was user generated in script.
165	IRXINIT ended with a bad RC. The REXX language processing environment could not be initialized. This could happen for a number of reasons. One way is if the maximum number of LPEs is exhausted due to 500 FTP AC threads ABENDING.	Bounce the Sterling Connect:Enterprise address space and if error still occurs, contact IBM Support.
166	IRXSUBCM ended with a bad RC. The REXX language processing environment could not be customized.	Bounce the Sterling Connect:Enterprise address space and if error still occurs, contact IBM Support.
167	The last Sterling Connect:EnterpriseFTPAC Host Command requested the script be halted.	Examine the messages for the Host Command to determine why it requested the HI. Correct the problem.
168	Script not found. The member name specified by either the logon script or AC script was not found in the SYSEXEC concatenation.	Either add the member or change the script name.

<b>Failure Code</b>	<b>Description</b>	<b>Action</b>
169	The SYSEXEC DD was not allocated in the Sterling Connect:Enterprise main task.	Add the SYSEXEC DD to the main task JCL and restart Sterling Connect:Enterprise.
170	An FTP file collection was not confirmed complete.	Request remote client retry to put file.
171	An FTP file transmission failed when no response was received from the remote server.	Retry session. If failure repeats, contact server administrator.
172	An FTP script command failed due to a rejection of a program request for working storage.	Increase REGION value for job or contact IBM Support.
173	An FTP file collection was flagged Incomplete when the client disconnected prior to QUIT or time-out.	Attempt to have client resend the file and disconnect using FTP QUIT command or extract the incomplete file by batch number.
174	An FTP file collection failed when the VBQ failed to open after 'SITE VBQ#=nn' had verified allocation.	Request remote client retry to put file after reallocating VBQ or use current collection or other VBQ.
175	An FTP file collection failed when the VBQ failed to open after 'LOCSITE VBQ#=nn' had verified allocation.	Retry to get file after reallocating VBQ or use current collection or other VBQ.
176	An FTP Directory of filename list failed when no data was received after a 125 or 150 intermediate message indicated a transfer was pending.	This error is logged when STRU=R or MODE=B or C are specified for a DIR, LIST, LS or NLST command from a script and no entries were returned from the server.
180	FTP transfer terminated by remote server.	Repeat AutoConnect if Dialog/Trace file not written. Review server messages in D/T file.
181	CCC rejected by remote server when the SSL_CCC_POLICY parameter is set to REQUIRED.	Session will be terminated unless CCC is accepted by the remote server as long as policy is REQUIRED.
182	A data transfer command (RETR, LIST, NLST) failed on the L-1 port. BIND, CONNECT or Enqueue failed and retries have been exhausted.	Retry the transfer.
183	A data transfer command (RETR, LIST, NLST) failed on the random port assigned by the TCPIP stack. The failure occurred during the BIND, CONNECT or enqueue. Since Port Ranges are not in effect, the transfer is not retried.	Retry the transfer.
184	A data transfer command (STOR, STOU, RETR, LIST, NLST) failed on a port in the port range. The failure occurred during the BIND, CONNECT or enqueue. All retries have been exhausted.	Retry the transfer.

<b>Failure Code</b>	<b>Description</b>	<b>Action</b>
185	A data transfer command (RETR, LIST, NLST) failed on a GETHOSTBYNAME function.	Supply a valid Hostname in the ODF parameter, FTP_SERVER_CONTROL_PORT.
186	During an SNA Remote Connect session, Sterling Connect:Enterprise received a bracket bid reject error (VTAM sense code '0813'). This is a non-fatal error and occurs when Sterling Connect:Enterprise attempts to process a received command (i.e., \$\$REQ, \$\$DIR, \$\$DEL), but the remote host has more data to send. Eventually, the remote host will honor the bracket bid request, and Sterling Connect:Enterprise will be allowed to process the command.	None.
188	A data transfer command was terminated by a timeout on the data connection while waiting for free TCPIP buffers. The transfer failed.	This should be a temporary condition. Check the Sterling Connect:Enterprise error logs for additional information about the error.
189	A data transfer command was terminated by a timeout on the data connection while waiting on TCPIP CONNECT. The transfer failed.	This should be a temporary condition. Retry transfer and if condition persists, check for TCPIP Stack problems.
190	A data transfer command was terminated by a timeout on the data connection while waiting on TCPIP LISTEN. The transfer failed.	This should be a temporary condition. Retry transfer and if condition persists, check for TCPIP Stack problems.
191	A data transfer command was terminated by a timeout on the control connection while waiting on TCPIP CONNECT. The transfer failed.	This should be a temporary condition. Retry transfer and if condition persists, check for TCPIP Stack problems.
192	A data transfer command was terminated by a zero read on the control connection while waiting on a TCPIP CONNECT. The transfer failed. Zero read most likely caused by remote closing control connection.	This should be a temporary condition. Retry transfer and if condition persists, check for TCPIP Stack problems.
193	A data transfer command was terminated by a zero read on the control connection while waiting on a TCPIP data post. The transfer failed. Zero read most likely caused by remote closing control connection.	This should be a temporary condition. Retry transfer and if condition persists, check for TCPIP Stack problems.
194	A data transfer command was terminated by a zero read on the control connection while waiting on a TCPIP LISTEN. The transfer failed. Zero read most likely caused by remote closing control connection.	This should be a temporary condition. Retry transfer and if condition persists, check for TCPIP Stack problems.
195	A data transfer command was terminated by a timeout on the control connection while waiting on TCPIP ACCEPT. The transfer failed.	This should be a temporary condition. Retry transfer and if condition persists, check for TCPIP Stack problems.

<b>Failure Code</b>	<b>Description</b>	<b>Action</b>
196	The FTP thread was terminated by either a U0999 ABEND as a result of a "\$\$STOP FTP,FTPTHR=FTPxxxx,F" command or a ESTAE detected error.	If this thread was stopped by the \$\$STOP Force command, no action needed. Otherwise contact Contact IBM Support Customer Services.
197	A data transfer command (RETR, LIST, NLST, STOR, STOU) failed on the U port. BIND, CONNECT or Enqueue failed and retries have been exhausted.	Retry the transfer.
198	A control port session was not able to be established because no ports were available in the port range specified by FTP_CONTROL_PORT_RANGE.	Retry the transfer.
199	A batch was requested for transmission by batch number, but the batch is empty (i.e., contains no VBQ user data records).	If necessary, the corresponding remote connect site or auto connect script should interrogate the directory listing and not request an empty batch by batch number.
200	An FTP user login attempt failed because the maximum number of concurrent sessions for this remote has been exceeded.	Try the connection again. If this error persist, the MAX_REMOTE_LOGON limit (either the FTP_DEFAULT_SERVER_MAX_REMOTE_LOGON parameter in the *OPTIONS record or the MAX_REMOTE_LOGON parameter in the REMOTE TYPE = FTP_CLIENT record) may need to be increased.
201	A Queued FTP Auto Connect could not be reactivated because the listname was disabled.	Enable the listname and try the Auto Connect again.
240–255	User-defined FTP USERLOG fail codes	User-defined



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# FTP Completion Codes

This chapter contains the FTP completion codes that are displayed in the following FTP termination console messages, described in Chapter 3, *Online System Console Messages*: CMB2115E, CMB2123I, CMB2129I, CMB2174E, CMB2175E, CMB2186E, and CMB2194E.

Code	Description	Action
0000	Normal termination.	None required.
0004	The session was terminated by an operator command.	None required.
0008	The FTP session was terminated because a successful logon did not occur within the interval specified by the FTP_CONNECT_INTERVAL *OPTIONS ODF parameter.	Try to logon again.
0012	Session time-out due to inactivity.	Determine cause of inactivity. Increase inactivity parameter (DISCINTV) if necessary.
0020	Remote not defined.	Remote definition was deleted after system startup. Redefine in the *REMOTES record and restart the system.
0024	Logon_script not specified for remote	Specify logon_script for remote server in ISPF/CICS interface. Restart system after updating ODF.
0601	Missing single or double quote. Filename after DELE, RETR, or PUT command in a script is missing either the single or double ending quote.	Correct the script and rerun.
0806	The system could not find the load module referenced in message CMB2186E.	Correct the name of your exit in the ODF or verify that your exit is loaded at initialization.
0908	Internal LIST/NLST error.	Report this error to IBM Support.

<b>Code</b>	<b>Description</b>	<b>Action</b>
0909	TCP thread request no available queue error. This error terminates the thread and a dump is produced. The thread is not available until Sterling Connect:Enterprise FTP is stopped and restarted.	Stop and restart Sterling Connect:Enterprise FTP. Report this problem to IBM Support.
0910	Internal SMTCB stack level error. This error terminates the task and a dump is produced. The thread is not available until Sterling Connect:Enterprise FTP is stopped and restarted.	Stop and restart Sterling Connect:Enterprise FTP. Report this problem to IBM Support.
0911	Internal system error. TCP/IP or the FTP processing module detected an illogical condition. This error terminates the thread and a dump is produced. The thread is not available until Sterling Connect:Enterprise FTP is stopped and restarted.	Stop and restart Sterling Connect:Enterprise FTP. Report this problem to IBM Support.
0912	TCP thread request queue WRITE error. This error terminates the thread and a dump is produced. The thread is not available until Sterling Connect:Enterprise FTP is stopped and restarted.	Stop and restart Sterling Connect:Enterprise FTP. Report this problem to IBM Support.
0913	TCP thread request queue READ error. This error terminates the thread and a dump is produced. The thread is not available until Sterling Connect:Enterprise FTP is stopped and restarted.	Stop and restart Sterling Connect:Enterprise FTP. Report this problem to IBM Support.
0914	Task initialization failed during FTP initialization. If the 'C' environment task (initialization thread ID TCPCEMA1) fails, this error terminates Sterling Connect:Enterprise FTP initialization. Sterling Connect:Enterprise FTP cannot be used until the problem is corrected. If server thread (thread ID FTPSnnnn) initialization fails, the thread is not allocated and cannot be used; however, FTP initialization continues.	Review the Sterling Connect:Enterprise and TCP/IP logs to determine the cause of the error. Report this problem to IBM Support.
0915	The 'C' environment attach task failed. Sterling Connect:Enterprise FTP initialization terminates and a dump is produced. Sterling Connect:Enterprise FTP cannot be used until this error is corrected.	Stop and restart Sterling Connect:Enterprise FTP. Report this problem to IBM Support.
0916	BT services initialization failure during FTP thread initialization. This error terminates of the thread and a dump is produced. The thread is not available until Sterling Connect:Enterprise FTP is stopped and restarted.	Stop and restart Sterling Connect:Enterprise FTP. Report this problem to IBM Support.
0917	FTP thread initialization of the BT services queue required for EOB and LOG agent rules processing failed. This error terminates the thread and a dump is produced. The thread is not available until the FTP feature is stopped and restarted.	Stop and restart Sterling Connect:Enterprise FTP. Report this problem to IBM Support.



<b>Code</b>	<b>Description</b>	<b>Action</b>
0918	An FTP module read an internal queue and received an element with a request type it cannot process. The module that detected the error is identified in message CMB2189E.	Report this error to IBM Support.
0919	A TCP/IP error was detected during request processing. This error terminates the client's FTP session. The thread is still available for processing another FTP client's session.	Review the Sterling Connect:Enterprise and TCP/IP logs to determine the cause of the error.
0920	TCP/IP request flow logic error detected by the TCP listener task (thread ID TCPLIST1). This error terminates the listener task. All server sessions are stopped after completing any in progress transfers. Then, Sterling Connect:Enterprise FTP is terminated.	Report this error to IBM Support.
0921	A request to establish a task recovery routine (ESTAE) failed. The task that encounters this error terminates.	Report this error to IBM Support.
0922	A thread ABEND retry routine cannot continue because the SDWA was not returned by OS/390. This condition may cause TCP/IP sockets to be unusable.	Report this error to IBM Support.
0923	FTP server thread initialization failed because the memory required for execution could not be obtained.	Increase the memory available for the Sterling Connect:Enterprise address space or reduce the number of the FTP threads specified in the ODF options section.
0924	An FTP thread cannot continue because all the elements in its Thread Queue element pool are in use. This error terminates the thread and a dump is produced.	Report this error to IBM Support.
0925	An open error occurred on the VPF, VCF or VLF file during FTP session initialization. The session is terminated.	Review the Sterling Connect:Enterprise and VSAM server logs to determine the cause of the error. Restart the session.
0926	FTP thread termination of the BT services failed. This error terminates the thread and a dump is produced. The thread is not available until Sterling Connect:Enterprise FTP is stopped and restarted,	Stop and restart Sterling Connect:Enterprise FTP. Report this error to IBM Support.
0930	Internal logic error. The STREXX00 RC is unknown to STFTPC90.	Call IBM Support for support of this internal error.
0931	IRXEXEC ABENDED.	Call IBM Support for support of this internal error.
0932	A syntax error occurred in the script. The script is immediately terminated by REXX.	Correct the script using the messages in the Dialog Trace DD and rerun it.

<b>Code</b>	<b>Description</b>	<b>Action</b>
0933	Time Out - The script was stopped by the Loop/Hang timer. Too much time elapsed without executing a Host Command.	Either correct the script so it doesn't loop or hang, or so that it executes a Host Command more frequently, or else increase the Loop/Hang timeout value by changing ODF parm SCRIPT_INTERVAL_TIME.
0934	The script exited with a non-zero RC. The script issued the EXIT or RETURN instruction with a non-zero value. The RC value set in the script is reported in the log message CMB2173E.	None. RC was user generated in script.
0935	IRXINIT ended with a non-zero RC. The REXX language processing environment could not be initialized. This could happen for a number of reasons.	Restart the Sterling Connect:Enterprise address space and if error still occurs, contact IBM Support.
0936	IRXSUBCM ended with a non-zero RC. The REXX language processing environment could not be customized.	Restart the Sterling Connect:Enterprise address space and if error still occurs, contact IBM Support.
0937	C90 call sequence error - STRT SCRPT.	Report this error to IBM Support.
0938	C90 call sequence error - H CMD RET.	Report this error to IBM Support.
0939	The FTP client session terminated due to a REXX script error - script not found. The non-zero RC value will be reported in the message log on message CMB2173.	Evaluate message CMB2173, make corrections as appropriate and retry.
0943	The FTP client session terminated due to a REXX script error - Host Command RC. The non-zero RC value will be reported in the message log on message CMB2173.	Evaluate message CMB2173, make corrections as appropriate and retry.
0950	SSL is required but not available. Session rejected.	None required.
0952	SSL initialization on control port failed	Retry session and if error still occurs, contact IBM Support.
953	A TCP/IP error was detected while reading the control port. The error terminates the FTP server session. The thread is still available for processing another FTP server session.	Review the CMB2181E error message. Check the Return Code (RC) and Reason Code (RS) in <i>z/OS UNIX System Services Messages and Codes (SA22-7807-08)</i> .
0998	Internal ACM error.	None required.
0999	An operator stopped the thread with the \$\$STOP FTPTHR=xxxxxxx,F command (stop FTP thread with the FORCE option). A dump is provided.	None required

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# APPC Error Codes

This chapter describes Advanced Peer-to-Peer Communications (APPC) error codes.

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## APPC Error Codes (nnnn)

This section contains all ISPF error codes that begin with the **nnnn** identifier.

Code	Description	Action
0100	Sterling Connect:Enterprise shutdown in progress.	Retry when Sterling Connect:Enterprise is active.
0104	Sterling Connect:Enterprise request disabled.	Retry when Sterling Connect:Enterprise functionality has been enabled.
0108	Unknown request.	Ensure that field H00REQCD in the Interface Parameter Structure (IPS) is valid.
0112	Security - Password incorrect.	Ensure that field H00SPSWD in the Interface Parameter Structure (IPS) is valid.
0116	Security - User ID incorrect.	Ensure that field H00SUSER in the Interface Parameter Structure (IPS) is valid.
0120	Transaction ABENDED in Sterling Connect:Enterprise CP program.	Contact IBM Support.
0124	Storage - BTSTOALC storage unavailable.	Increase region size of target Sterling Connect:Enterprise.
0201	VSAM open ACB error.	See target Sterling Connect:Enterprise for related messages.
0202	VSAM get failure.	See target Sterling Connect:Enterprise for related messages.

<b>Code</b>	<b>Description</b>	<b>Action</b>
0203	VSAM GENCB failure.	See target Sterling Connect:Enterprise for related messages.
0204	Storage allocation failure (BTSTOALC).	See target Sterling Connect:Enterprise for related messages.
0205	Storage - GETMAIN failure.	Increase region size of target Sterling Connect:Enterprise.
0206	VSAM POINT error.	See target Sterling Connect:Enterprise for related messages.
0207	Trailer ID error.	Ensure that field xxxTRLID in the Interface Parameter Structure (IPS) is valid.
0208	Remote no longer active. A request was issued to STOP a remote, but it is no longer active.	None.
0209	Auto Connect no longer active. A request was issued to STOP an Auto Connect, but it is no longer active.	None.
0210	VSAM MODCB error.	See target Sterling Connect:Enterprise for related messages.
0211	No current sessions.	None.
0212	No batch data records found.	None.
0217	Error in STIPS trailer xxxFMTID	Ensure that field "xxxFMTID" in the Interface Parameter Structure (IPS) is valid.
0220	Lock failure.	See target Sterling Connect:Enterprise for related messages.
0221	Line ID not found. A request was issued to restart a line, but the Line ID is unknown.	None.
0222	Request CP found transmittable batches, but they all were on deallocated VBQ files. Batches not transmitted.	If batches are wanted, allocate the VBQ which contains the desired batches.
0230	Request trailer not first, middle, last, or only.	Ensure that field xxxTRLRT in the Interface Parameter Structure (IPS) is valid.
0231	No transmittable batches exist for request.	None.
0232	VSAM data record too large for Interface Parameter Structure (IPS) buffer.	Specify a larger IPS buffer and retry.
0233	A VSAM error occurred when writing a record to one of the VSAM files. The SNAPOUT data set contains the file name, feedback information from VSAM, and the function type.	Examine the SNAPOUT data set to determine the exact error. Often the file is out of space and must be deallocated, processed, and reallocated with additional space.

<b>Code</b>	<b>Description</b>	<b>Action</b>
0234	A new batch from a CICS ADD API could not be added to the system. The repository has reached the maximum allowed number of batches.	Use the Erase Offline Utility to erase batches which are no longer needed, then rerun the CICS ADD API.
0235	A VSAM error occurred when accessing one of the VSAM files. The SNAPOUT data set contains the file name, feedback information from VSAM, and the function type.	Examine the SNAPOUT data set to determine the exact error. Often a file is out of space and must be deallocated, processed, and reallocated with additional space.
0236	A batch being added by a CICS ADD API contains more than 999,999,999 records.	Split the data into more than one batch if possible.
0237	A VSAM error occurred when accessing one of the VSAM files. The SNAPOUT data set contains the file name, feedback information from VSAM, and the function type.	Examine the SNAPOUT data set to determine the exact error. The batch being added is marked as an incomplete batch.
0238	A batch being added by a CICS ADD API contains one or more records larger than 32,726 bytes.	Reduce the record size being sent from the ADD API if possible.
0239	A batch being added by a CICS ADD API contains an invalid 2-byte length field in front of one of the data records. The field is either less than 3 or larger than the total size of all the data in the IPS.	Correct the CICS ADD API to properly set the 2-byte data length field.
0240	File not defined to Sterling Connect:Enterprise.	Specify a file that is defined to Sterling Connect:Enterprise and retry your request.
0241	The specified value for VBQPCT is invalid.	Supply a value from 50-99 and retry the update.
0242	The specified value for VBQROTAT is invalid.	Supply a value from 01-20 and retry the update.
0243	An attempt was made to allocate or deallocate a file which has not been initialized and defined to Sterling Connect:Enterprise by the purge utility.	Define the file to VSAM and initialize it with the purge utility.
0244	An invalid parameter was specified on an allocate or a deallocate request.	Specify the correct parameter on the allocate or the deallocate request.
0245	An attempt was made to deallocate a file which is in use for a batch collection or transmission.	Attempt the deallocate after the collection and/or transmission completes.
0246	An error has occurred attempting to perform I/O to a Sterling Connect:Enterprise queue file.	The error is recorded in the Snapout data set. Examine the error and correct or contact IBM Support.
0247	Invalid mode.	Enter a valid mode.
0248	Invalid Line ID.	Enter a valid Line ID.
0249	Invalid Phone Number.	Enter a valid phone number.

<b>Code</b>	<b>Description</b>	<b>Action</b>
0250	Trailer ID error.	Ensure that the field xxxTRLID in the Interface Parameter Structure (IPS) is valid.
0251	ODF update active. Another user is currently updating the active ODF data. To ensure integrity of your system, only one ODF update is allowed at any given time.	Retry later, allowing the current user time to complete the ODF updates in progress.
0252	C Storage Server Error.	Contact IBM Support.
0253	Begin index too high.	Contact IBM Support.
0254	ID Update not permitted.	SECURITY=BATCH and SCINCOR=Y must be specified.
0255	ID Modify error.	Contact IBM Support.
0256	Invalid Consolerout code.	Enter correct Consolerout code.
0257	Invalid Consoledesc code.	Enter correct Consoledesc code.
0258	RCB not defined.	Contact IBM Support.
0259	Invalid remote type.	Enter correct remote type.
0260	Invalid Sterling Connect.	Enter correct Sterling Connect.
0261	RmtACB, Pool, and LUNAME(s) are mutually exclusive.	Define only one.
0262	Invalid Blocksize.	Enter correct blocksize.
0263	Invalid Userdata.	Enter correct Userdata.
0264	Auto Connect uses remote, delete not allowed.	Delete remote from Auto Connect first.
0265	Auto Connect Listname not found.	Contact IBM Support.
0266	No Auto Connect Update Anchor.	Contact IBM Support.
0267	Remote not found.	Contact IBM Support.
0268	Invalid action code.	Contact IBM Support.
0269	Invalid Disconnect Interval.	Enter correct Disconnect Interval.
0270	Line list invalid for BSCNS.	Define lines for each remote.
0271	Line not defined.	Define line in user assembly.
0272	Duplicate LISTNAME=XXXXXXXXX value detected.	Define unique, uppercase LISTNAME=VALUE in ODF.
0273	Duplicate line ID.	Remove duplicate lines from line list.
0274	Invalid time entry.	Contact IBM Support.

<b>Code</b>	<b>Description</b>	<b>Action</b>
0275	Invalid Sterling Connect:Enterprise command.	Specify a valid command in the Interface Parameter Structure (IPS).
0276	Lineid specified for the \$\$START is invalid.	Specify a valid Lineid.
0277	Line is already open.	None.
0278	The name in the \$\$STOP command was not active or not found.	Verify the name in the \$\$STOP command.
0279	Invalid syntax on \$\$STOP command.	Verify the name syntax and try again.
0280	Line is currently active for an Auto Connect.	Try again later.
0281	Invalid parameter or value on \$\$CONNECT command.	Correct the command and try again.
0282	\$\$CONNECT command did not specify a Listname.	Correct the command and try again.
0283	\$\$CONNECT parameter BATCHID requires ID to be specified.	Correct the command and try again.
0284	\$\$CONNECT command contained an invalid format of BATCHID or BID.	Correct the command and try again.
0285	\$\$CONNECT command contained OB (onebatch) but failed to specify BATCHID or BID.	Correct the command and try again.
0286	Listname specified was not found.	Verify the Listname with the Sterling Connect:Enterprise ODF *CONNECT section and try again.
0287	Lineid specified for the \$\$CONNECT is invalid or of the wrong type.	Correct the command and try again.
0288	\$\$CONNECT parameter invalid for the remote type.	Correct the command and try again.
0289	\$\$CONNECT parameter ID is required.	Correct the command and try again.
0290	\$\$CONNECT parameters BLOCK and CMP are not valid with TRANSPAR.	Correct the command and try again.
0291	The specified Listname is in use.	Try again later.
0292	The specified Lineid is not available at this time.	Try again later.
0293	Auto Connect failed.	Check the Sterling Connect:Enterprise Auto Connect Log file to determine the nature of the error.
0294	Invalid combination of Batch ID, User Batch ID, and Batch Number for a user API REQUEST (DSECT C\$R20).	Batch ID is a required field. It can be specified alone or combined with either (but not both) User Batch ID or Batch Number. Correct your IPS data.

<b>Code</b>	<b>Description</b>	<b>Action</b>
0295	The initial Interface Parameter Structure (IPS) for a user API ADD (DSECT C\$A20) failed the required security authorizations.	The Userid/Password is not authorized to add batch data to the specified Sterling Connect:Enterprise system.
0296	Invalid combination of Batch ID, User Batch ID and Batch Number for a user API REQUEST (DSECT C\$R20).	Batch ID is a required field. It can be specified alone or combined with either (but not both) User Batch ID or Batch Number. Correct your IPS data.
0297	The initial Interface Parameter Structure (IPS) for a user API REQUEST (DSECT C\$R20) failed the required security authorizations.	The Userid/Password is not authorized to request batch data from the specified Sterling Connect:Enterprise system.
0298	A CICS ADD API is attempting to add a data batch to a specific VBQ file, but the file is not allocated in Sterling Connect:Enterprise.	If the batch must be added to a specific VBQ, allocate the file in Sterling Connect:Enterprise through the \$\$ALLOC command. Then rerun the CICS ADD API.
0299	An invalid PARM= value is detected on the EXECUTE card for ADD/EXTRACT batch submission. This parm value must be the same parm value used in the Sterling Connect:Enterprise start-up JCL.	Change the value to either PARM=???? or PARM=name. ???? = Instructs Sterling Connect:Enterprise to fill in the current subsystem name. name = Subsystem name currently used by Sterling Connect:Enterprise.
0300	Communications failure.	See ISPF, target Sterling Connect:Enterprise, and VTAM for related messages.
0301	Invalid APPC conversation flags set for this function.	This is an internal error.
0302	ISPF Interface Connection Definition not specified.	Use Option 50 to logon to the Sterling Connect:Enterprise system you wish information from.
0303	ISPF Interface ACB open failed. Check ISPF Connection Definitions.	Confirm that you have correctly defined at least one valid ISPF Interface connection definition.
0304	Sterling Connect:Enterprise communication failure.	Check to see if the Sterling Connect:Enterprise system you are contacting is active. Verify that the VTAM netname is active.
0305	Sterling Connect:Enterprise communication failure. Conversation deallocated.	Check to see if the Sterling Connect:Enterprise system you are contacting is active. Verify that the VTAM netname is active.



<b>Code</b>	<b>Description</b>	<b>Action</b>
0306	Sterling Connect:Enterprise communication failure. Null data received.	Check to see if the Sterling Connect:Enterprise system you are contacting is active. Verify that the VTAM netname is active.
0307	Sterling Connect:Enterprise name not defined in Sterling Connect:Enterprise Connection Definitions.	Verify that the name specified is defined to the ISPF Interface. If not, use Option 10.2 to define it.
0308	The \$\$\$STOP command was aborted. The remote is not yet in session.	The command was unsuccessful as the SNA remote has yet to fully establish its connection. More information is available in the Sterling Connect:Enterprise Main task JOBLOG JESMSGGLG file data in associated message CMB404I.
0309	Use Sterling Connect:Enterprise Security Update before this function.	Use Option 50 to logon to a Sterling Connect:Enterprise system before using the specified ISPF Interface functions.
0310	Invalid ID value (DSECT C\$A20)	The BATCHID cannot be all blank and cannot contain imbedded blank characters.
0333	Invalid Transparency.	Enter correct Transparency value.
0334	Only one remote allowed for BSCMD.	Define one remote only.
0335	*IDVER records missing.	Define *IDVER in Options Definition File.
0336	No LUNAME(s), Pool or RmtACB defined for Remote.	Define LUNAME(s), Pool or RmtACB for remote.
0337	Invalid Mode for JES/POWER.	Enter correct Mode for JES/POWER.
0338	Missing Signon record for JES/POWER.	Enter JES/POWER Signon record.
0339	Auto Connect Update Reject - Auto Connect Active or Queued.	Wait until Auto Connect is not active or queued. Use \$\$\$STOP or \$\$DELACQ commands if necessary.
0340	No lines defined.	Define lines.
0341	No Remotes defined for Auto Connect.	Define remotes.
0342	RCB Active, update rejected.	Try update when Remote is not active.
0343	A Delay was specified. This parameter requires a nonzero Disconnect Interval to be entered also.	Correct the values entered.
0344	An LUNAME Pool specified in a *REMOTES definition has not been defined.	The LUNAME Pool must be defined in the *POOLS section of the ODF before it is used in a *REMOTES definition.
0345	The Calendar name you specified does not exist.	Verify the calendar has been added in the *CALENDAR section of your Sterling Connect:Enterprise ODF.

<b>Code</b>	<b>Description</b>	<b>Action</b>
0346	The Calendar cannot be deleted because one or more Auto Connect listnames make reference to this calendar.	First delete all listname references to this calendar in the *CONNECT section, then delete the calendar.
0347	A Calendar is already defined with the same name you specified in an add request.	Use a different calendar name and retry the add request.
0348	A Calendar update request contains an invalid date (mmdd).	Contact IBM Support.
0349	Sterling Connect:Enterprise was unable to open the internal reader. This might be caused by an incorrect DDName or a missing DD statement in the Sterling Connect:Enterprise start-up JCL.	Verify a DD statement for JESRDR is included and the specification is correct. If the problem cannot be resolved, contact IBM Support for assistance.
0350	No Auto Connects are currently queued or the requested information is not available.	Retry your request later.
0352	The Auto Connect has failed to start because one is already active for that name. This Auto Connect did not get queued because there is an Auto Connect with the same name and parameters already queued or this Auto Connect was not eligible to be queued.	If no Auto Connect (with the same name) is queued, try to activate the Auto Connect later. If an Auto Connect is queued, no specific action is required.
0353	The Auto Connect has failed to start because a BSC line is not available. This Auto Connect did not get queued because there is an Auto Connect with the same name and parameters already queued or this Auto Connect was not eligible to be queued.	If no Auto Connect (with the same name) is queued, try to activate the Auto Connect later. If an Auto Connect is queued, no specific action is required.
0354	When updating the Priority Code for a queued Auto Connect or when deleting a queued Auto Connect, one or more requested actions could not occur. This might be because the Auto Connect was reactivated, modified or deleted by someone else.	Refresh the screen to see which queued Auto Connects are still queued. Retry any modification or deletion that remains appropriate.
0355	When updating the Priority Code for a queued Auto Connect or when deleting a queued Auto Connect, none of the requested actions could be performed. This might be because the Auto Connect was reactivated, modified or deleted by someone else.	Refresh the screen to see which queued Auto Connects are still queued. Retry any modification or deletion that remains appropriate.
0356	When updating the Priority Code for a queued Auto Connect or when deleting a queued Auto Connect, an internal error occurred.	Start the APQ and APO traces and reproduce the error. Contact IBM Support for assistance with this error.
0357	The LU Pool you are attempting to process no longer exists. It might have been deleted by someone else.	None.

<b>Code</b>	<b>Description</b>	<b>Action</b>
0358	The LU Pool can not be deleted. One or more Remote definitions specify this pool.	The Remote definitions that specify this pool must be deleted or modified to no longer identify this pool. When all references to this pool have been eliminated, the LU Pool deletion can be processed.
0359	The LU Pool name you have specified is already defined. LU Pools can not be defined using duplicate names.	Specify a unique LU Pool name.
0360	The LU Pool is in use by an active Remote. You cannot modify this pool while it is in use.	Retry your modification later, after the active Remote terminates use of the pool.
0361	An LU Pool must have a minimum of one LU Name defined within it.	You must either add an LU Name to the pool or delete the entire LU Pool.
0362	LU Pool processing has encountered an internal error.	Start the APQ and APO traces and reproduce the error. Contact IBM Support for assistance with this error.
0363	Function has been rejected by Function Request Security Exit.	Contact your ISPF Interface administrator for more information about this error.
0364	Invalid SHUTDOWN request received.	This is most likely an internal error.
0365	Invalid IPS received.	This is most likely an internal error or a non-Sterling Connect:Enterprise system is attempting to communicate with the ISPF Interface.
0366	VSAM I/O error during \$\$REFRESH.	Information is provided in the JES log and SNAPOUT data set for the Sterling Connect:Enterprise system you attempted the refresh for.
0367	Invalid \$\$REFRESH command.	This is most likely an internal error.
0368	Sterling Connect:Enterprise host LOGON security check failed.	Verify syntax and security access level and retry.
0369	Sterling Connect:Enterprise host FUNCTION security check failed.	Verify syntax and security access level and retry.
0370	Invalid parameter or value on \$\$INVOKE command.	Verify syntax and retry.
0371	\$\$INVOKE command did not specify a valid batch number.	Correct the command and try again.
0372	Unable to update VPF with updated ODF information.	Check for error messages in the Sterling Connect:Enterprise JESLOG. Correct and try again.
0373	Invalid MAXRWAIT cycles value.	Supply a valid value and try again.

<b>Code</b>	<b>Description</b>	<b>Action</b>
0374	Invalid MAXWAIT time value.	Supply a valid value and try again.
0375	End Of Batch application agent now active.	None required.
0376	Wake Up Terminate application agent now active.	None required.
0377	Logging application agent now active.	None required.
0378	End Of Batch application agent stop complete.	None required.
0379	Wake Up Terminate application agent stop complete.	None required.
0380	Logging application agent stop complete.	None required.
0381	End Of Batch application agent quiesce begun.	None required.
0382	Wake Up Terminate application agent quiesce begun.	None required.
0383	Logging application agent quiesce begun.	None required.
0384	End Of Batch application agent already active.	None required.
0385	Wake Up Terminate application agent already active.	None required.
0386	Logging application agent already active.	None required.
0387	End Of Batch application agent never active.	None required.
0388	Wake Up Terminate application agent never active.	None required.
0389	Logging application agent never active.	None required.
0390	End Of Batch application agent already inactive.	None required.
0391	Wake Up Terminate application agent already inactive.	None required.
0392	Logging application agent already inactive.	None required.
0393	\$\$INVOKE not processed. Application agent rules inactive.	Use \$\$START RULES=xxx to start the application agent. Also be sure that RULES=YES was specified in the *OPTIONS section of the Options Definition File.
0394	IPS not processed. Command Processors unavailable.	Shutdown Sterling Connect:Enterprise, then restart it to refresh the Command Processors.
0395	Refresh rules request processing was not started. Another rules refresh transaction is already in progress.	Wait for the first rules refresh to complete, then reenter the refresh rules transaction.

<b>Code</b>	<b>Description</b>	<b>Action</b>
0396	Refresh rules request specified an incorrect value for the rules application agent type. Specify end of batch rules, wakeup terminate rules, log rules, or all rules.	Reenter the refresh rules transaction specifying the proper rules type.
0397	REFRESH RULES=type specified rules type not defined to Sterling Connect:Enterprise.	Reenter the refresh rules transaction specifying the proper rules type.
0398	REFRESH RULES processing successfully started.	None required. You will be notified when the refresh is complete.
0399	REFRESH RULES processing ended in error. All refresh tasks down.	One or more internal errors have occurred that prevent the refresh from processing. Review the JESLOG of the Sterling Connect:Enterprise system. Correct the error and retry.
0500	REFRESH FILES complete.	None required.
0501	\$\$REFRESH processing abnormally ended. Refresh not completed.	This is most likely an internal error. Collect the console log and snap information and contact IBM Support.
0502	\$\$REFRESH processing failed. Refresh load module not found.	Module STINITRL could not be loaded from the STEPLIB/JOBLIB library. Make the module available to Sterling Connect:Enterprise and attempt the refresh again.
0503	\$\$REFRESH processing failed. New rules parsing detected error.	Correct the syntax errors in the new rules and attempt the refresh again.
0504	During an API request to ADD a batch (C\$A20 IPS), a storage allocation error occurred, while attempting to obtain a buffer for the VLF (LOG B) record.	Collect the snap dump output and contact IBM Support.
0505	An invalid VLFROTAT parameter was in the ODF update request.	Supply a value from 1-20 and retry the update.
0506	An invalid FTP_CONNECT_INTERVAL parameter was in the ODF update request.	Supply a value from 1-3600 and retry the update.
0507	An invalid FTP_DEFAULT_DISCINTV parameter was in the ODF update request.	Supply a value from 0-3600 and retry the update.
0508	An invalid SSL_DEFAULT_POLICY parameter was in the ODF update request.	Supply a value 1, 2 or 3 and retry the update.
0514	An invalid SSL_DEFAULT_CLIENT_CCC_POLICY parameter was in the ODF update request.	Supply a value 1, 2 or 3 and retry the update.
0515	An invalid SSL_DEFAULT_SERVER_CCC_POLICY parameter was in the ODF update request.	Supply a value 1, 2 or 3 and retry the update.

<b>Code</b>	<b>Description</b>	<b>Action</b>
0524	Console Application Agent now active.	None required.
0525	Console Application Agent stop complete.	None required.
0526	Console Application Agent quiesce begun.	None required.
0527	Console Application Agent already active.	None required.
0528	Console Application Agent never active.	None required.
0529	Console Application Agent already inactive.	None required.
0530	Console Application Agent now active.	None required.
0531	Console Application Agent stop complete.	None required.
0532	Console Application Agent quiesce begun.	None required.
0533	Console Application Agent already active.	None required.
0534	Console Application Agent never active.	None required.
0535	Console Application Agent already inactive.	None required.
0540	This abend occurs in the ISPF user interface address space. An IPS has been formatted that is missing the SRB stamp.	Collect the dump output and contact IBM Support.
0541	This abend occurs in the ISPF user interface address space. An IPS has been formatted that is missing the C\$H00 header.	Collect the dump output and contact IBM Support.
0542	This abend occurs in the ISPF user interface address space. The BT kernel failed to return a valid SCB address.	Collect the dump output and contact IBM Support.
0543	Invalid parameter or value on \$\$DALLOC command.	Verify syntax and retry.
0544	During an API request, the beginning or ending batch number was determined to have an invalid value. These fields should only be set to one of the following: <ul style="list-style-type: none"> <li>◆ Blanks (x'40') -----&gt; (if batch number is NOT present)</li> <li>◆ Numeric character ---&gt; (if batch number is present)</li> </ul> The number may be left justified, blank filled.	Collect the report output and contact IBM Support if the request originated from a Sterling product (e.g., Gentran, ICO, CSC). If the request originated from a user written API program, correct the program and re-issue the request.
0550	No listnames defined in ODF.	None
0551	Required listname not specified on the \$\$ENABLE command.	Supply listname and retry command.

<b>Code</b>	<b>Description</b>	<b>Action</b>
0552	Required listname not specified on the \$\$DISABLE command.	Supply listname and retry command.
0553	C\$O82 STIPS does not have a valid O82TYPE setting.	Correct the C\$O82 STIPS and try again.
0554	\$\$ENABLE command specified listname that is already enabled.	None
0555	\$\$DISABLE command specified listname that is already disabled.	None
0556	Certificate status cannot be displayed because the FTP and SSL components are not active in Sterling Connect:Enterprise, most likely due to one of the following two conditions: <ul style="list-style-type: none"> <li>◆ FTP and/or SSL is not configured in the ODF</li> <li>◆ A \$\$STOP FTP command was previously issued to stop those components in Sterling Connect:Enterprise.</li> </ul>	None
0557	Certificate status cannot be displayed because the TCP Scheduler Work Area is not allocated or the TCP environment is stopping.	Retry the request. If the problem persists, contact Sterling Customer Support.
0558	Certificate status cannot be displayed because both the FTP Auto Connect Manager and the FTP Listener tasks are down.	Retry the request. If the problem persists, contact Sterling Customer Support.
0559	Certificate status cannot be displayed because a Q Write to the FTP Auto Connect Manager -or- the FTP Listener task failed.	Retry the request. If the problem persists, contact Sterling Customer Support.
0560	Certificate status cannot be displayed because a Q Read from the FTP Auto Connect Manager -or- the FTP Listener task failed.	Retry the request. If the problem persists, contact Sterling Customer Support.
0561	No certificates were found in the data base specified by the ODF SSL_KEY_DBASE=-or- SSL_KEYRING_NAME= parameter.	None

Code	Description	Action
0600	The ISPF/CICS online browse data space is too small to hold the entire batch, including index records.	<p>Increase the value of the ODF parameter BROWSE_DATASPACE_SIZE_MAX and restart Sterling Connect:Enterprise. If the value is already set to the maximum allowed size you can turn off the function by changing the value of the ODF parameter BROWSE_DATASPACE_COUNT_MAX to 0 and restarting Sterling Connect:Enterprise.</p> <p><b>Note:</b> If you turn off the browse data space function, you may lose the deblocking of logical records for some types of batches. Browsing without the browse data space function may return unpredictable results.</p>
0601	An internal error occurred in the browse data space API. The SBT is full and an SBTE can't be stolen because all browse data spaces are ENQ'd.	Increase the ODF parameter BROWSE_DATASPACE_COUNT_MAX and restart Sterling Connect:Enterprise. If the parameter is at the maximum value, or if the error persists, contact IBM Support.
0602	An internal error occurred in the browse data space API. The DSPSERV CREATE service ended with RC=8. The Sterling Connect:Enterprise SYSPRINT file has a message with R15=00000602, RC=00000008 & RSN=xxxxxxx If rrrr is 0005, then creation of the browse data space violates criteria set by the IEFUSI SMF installation exit.	<p>Change the SMF exit IEFUSI or decrease ODF parameter BROWSE_DATASPACE_SIZE_MAX or BROWSE_DATASPACE_COUNT_MAX.</p> <p>If the error persists, contact IBM Support.</p>
0603	An internal error occurred in the browse data space API. The DSPSERV CREATE service ended with a RC>8. The Sterling Connect:Enterprise SYSPRINT file has a message with R15=00000603, RC=0000000C & RSN=xxxxxxx If rrrr is 0006, then the system cannot create any additional data apaces due to a resource shortage. If rrrr is 0007, the system cannot obtain addressability to its data structures.	This is a system problem, and will either require time or an IPL to correct.
0604	An internal error occurred in the browse data space API. The ALESERV ADD service ended with RC>0. The Sterling Connect:Enterprise SYSPRINT file has a message with R15=00000604, RC=retcode and RSN=rsncode. The return and reason codes are documented in the MVS Assembler Services Reference manual.	Contact IBM Support.



Code	Description	Action
0605	An internal error occurred in the browse data space API. The CSRPLD callable cell pool service ended with a RC>0. The Sterling Connect:Enterprise SYSPRINT file has a message with R15=00000605, and RC=retcode. The return codes are documented in the MVS Assembler Services Reference manual.	Contact IBM Support.
0606	An internal error occurred in the browse data space API. The CSRPEXP callable cell pool service ended with a RC>0. The Sterling Connect:Enterprise SYSPRINT file has a message with R15=00000606, and RC=retcode. The return codes are documented in the MVS Assembler Services Reference manual.	Contact IBM Support.
0607	An internal error occurred in the browse data space API. The CSRPGET callable cell pool service ended with a RC>0. The Sterling Connect:Enterprise SYSPRINT file has a message with R15=00000607, and RC=retcode. The return codes are documented in the MVS Assembler Services Reference manual.	Contact IBM Support.
0608	An internal error occurred in the browse data space API. The SST is full and an SSTE can't be stolen. This is probably because all browse data spaces are ENQ'd.	Increase the ODF parameter BROWSE_SESSION_COUNT_MAX and restart Sterling Connect:Enterprise. If the value is already set to the maximum allowed size, or if the error persists, contact IBM Support Customer Service. The SYSPRINT file will have more information about the circumstances, more so if CP trace was on when the error occurred. In the SYSPRINT file, this error code is preceded by code 0624.
0609	An internal error occurred in the browse data space API. DEQ of a data space ended with RC>0. The Sterling Connect:Enterprise SYSPRINT file has a message with R15=00000609, and RC=retcode. The return codes are documented in the MVS Assembler Services Reference manual.	Contact IBM Support.
0610	An internal error occurred in the browse data space API. DEQ of the AUTOCLEAN timer ended with RC>0. The Sterling Connect:Enterprise SYSPRINT file has a message with R15=00000610, and RC=retcode. The return codes are documented in the MVS Assembler Services Reference manual.	Contact IBM Support. To disable the AUTOCLEAN timer, set the ODF parameter BROWSE_AUTOCLEAN_INTERVAL to 0. When the AUTOCLEAN timer is disabled, a browse data space past the retirement age will be deleted upon the next Browse request initiated by any user.

<b>Code</b>	<b>Description</b>	<b>Action</b>
0611	An internal error occurred in the browse data space API. The CSRPFRE callable cell pool service ended with a RC>0. The Sterling Connect:Enterprise SYSPRINT file has a message with R15=00000611, and RC=retcode. The return codes are documented in the MVS Assembler Services Reference manual.	Contact IBM Support.
0612	An internal error occurred in the browse data space API. The CSRPDAC callable cell pool service ended with a RC>4. The Sterling Connect:Enterprise SYSPRINT file has a message with R15=00000612, and RC=retcode. The return codes are documented in the MVS Assembler Services Reference manual.	Contact IBM Support.
0613	An internal error occurred in the browse data space API. The ALESERV DELETE service ended with a RC>0. The Sterling Connect:Enterprise SYSPRINT file has a message with R15=00000613, RC=retcode and RSN=rsncode. The return and reason codes are documented in the MVS Assembler Services Reference manual.	Contact IBM Support.
0614	An internal error occurred in the browse data space API. The DSPSERV DELETE service ended with a RC>0. The Sterling Connect:Enterprise SYSPRINT file has a message with R15=00000614, RC=retcode and RSN=rsncode. The return and reason codes are documented in the MVS Assembler Services Reference manual.	Contact IBM Support.
0615	An internal error occurred in the browse data space API. ENQ of a data space ended with RC>0. The Sterling Connect:Enterprise SYSPRINT file has a message with R15=00000615, and RC=retcode. The return codes are documented in the MVS Assembler Services Reference manual.	Contact IBM Support.
0616	An internal error occurred in the browse data space API. ENQ of the AUTOCLEAN timer ended with RC>0. The Sterling Connect:Enterprise SYSPRINT file has a message with R15=00000616, and RC=retcode. The return codes are documented in the MVS Assembler Services Reference manual.	Contact IBM Support. To disable the AUTOCLEAN timer, set the ODF parameter BROWSE_AUTOCLEAN_INTERVAL to 0. When the AUTOCLEAN timer is disabled, a browse data space past the retirement age will be deleted upon the next Browse request initiated by any user.

<b>Code</b>	<b>Description</b>	<b>Action</b>
0617	An internal error occurred in the browse data space API. An API call was made for an existing browse data space, but there is no SBTE in the SBT for the browse data space.	Contact IBM Support.
0618	An internal error occurred in the browse data space API. An API call was made for an existing browse data space session, but the session number is 0.	None. This is a normal event and is seen only if the CP trace is on.
0619	An internal error occurred in the browse data space API. An API call was made for an existing browse data space session, but there is no matching SSTE in the SST.	Contact IBM Support.
0620	An internal error occurred in the browse data space API. The SBT lock could not be acquired after 1000 tries.	Contact IBM Support.
0621	An internal error occurred in the browse data space API. The SST lock could not be acquired after 1000 tries.	Contact IBM Support.
0622	An internal error occurred in the browse data space API. While attempting to find an index for a record during a READ32 API request, a loop condition was detected.	Contact IBM Support.
0623	An internal error occurred in the browse data space API. An SBTE can't be stolen. This is probably because all browse data spaces are ENQ'd.	Try increasing the ODF parameter BROWSE_DATASPACE_COUNT_MAX and restart Sterling Connect:Enterprise. If the value is already set to the maximum allowed size, or if the error persists, contact IBM Support Customer Service. The SYSPRINT file will have more information about the circumstances, more so if CP trace was on when the error occurred. In the SYSPRINT file, this error code is followed by code 0601.
0624	An internal error occurred in the browse data space API. An SSTE can't be stolen. This is probably because all browse data spaces are ENQ'd.	Try increasing the ODF parameter BROWSE_SESSION_COUNT_MAX and restart Sterling Connect:Enterprise. If the value is already set to the maximum allowed size, or if the error persists, contact IBM Support Customer Service. The SYSPRINT file will have more information about the circumstances, more so if CP trace was on when the error occurred. In the SYSPRINT file, this error code is followed by code 0608.

<b>Code</b>	<b>Description</b>	<b>Action</b>
0625	An internal error occurred in the browse data space API. Attempting to free the SBT lock when it is not owned.	Contact IBM Support.
0626	An internal error occurred in the browse data space API. Attempt to free the SST lock when it is not owned.	Contact IBM Support.
0627	An internal error occurred in the browse data space API. During an attempt to add a record to a data space, the API detected that the storage containing the record is not valid private area storage. In the SYSPRINT file, the error code in the message preceding this one is in the range 0631-0634, describing the error in more detail.	Contact IBM Support.
0628	An internal error occurred in the browse data space API. During an attempt to add a block to a data space, the API detected that the storage containing the block is not valid private area storage. In the SYSPRINT file, the error code in the message preceding this one is in the range 0631-0634, describing the error in more detail.	Contact IBM Support.
0629	An internal error occurred in the browse data space API. During an attempt to mod a record to a data space, the API detected that the storage containing the record is not valid private area storage. In the SYSPRINT file, the error code in the message preceding this one is in the range 0631-0634, describing the error in more detail.	Contact IBM Support.
0630	An internal error occurred in the browse data space API. During an attempt to read a record to a data space, the API detected that the buffer to receive the record is not valid private area storage. In the SYSPRINT file, the error code in the message preceding this one is in the range 0631-0634, describing the error in more detail.	Contact IBM Support.
0631	An internal error occurred in the browse data space API. The buffer passed to the API is invalid private area storage. The sum of the address and length exceeds 2**32. This message is followed by one with an error code in the range of 0627-0630 describing the API call in more detail.	Contact IBM Support.
0632	An internal error occurred in the browse data space API. The buffer passed to the API is invalid private area storage. The sum of the address and length exceeds 2**31. This message is followed by one with an error code in the range of 0627-0630 describing the API call in more detail.	Contact IBM Support.

<b>Code</b>	<b>Description</b>	<b>Action</b>
0633	An internal error occurred in the browse data space API. The buffer passed to the API is invalid private area storage. The address of the buffer is less than 1. This message is followed by one with an error code in the range of 0627-0630 describing the API call in more detail.	Contact IBM Support.
0634	An internal error occurred in the browse data space API. The buffer passed to the API is invalid private area storage. The length of the buffer is less than 1. This message is followed by one with an error code in the range of 0627-0630 describing the API call in more detail.	Contact IBM Support.
0635	An internal error occurred in the browse data space API. During an API call, the caller used a session number for a free SSTE (the eyecatcher was not present.)	Contact IBM Support.
0636	An internal error occurred in the browse data space API. During an API call, the caller used a session number for the wrong SSTE (the Userid did not match.)	Contact IBM Support.
0637	An internal error occurred in the browse data space API. During an API call, the caller used a session number for the wrong SSTE (the data space name did not match.)	Contact IBM Support.
0638	An online interface update request attempted to reduce BROWSE_DATASPACE_COUNT_MAX (D) below the number of Browse Data Spaces currently Enqueued (E). M was reduced to E. The BDSs are probably enqueued because they are being loaded. Once a BDS is loaded, the long term ENQ is dequeued. To display the Browse Data Spaces that exist, enter the Operator command: "D J,CName", where "CName" is the jobname of the Sterling Connect:Enterprise main task.	Examine the new value (E) for BROWSE_SESSION_COUNT_MAX in the online interface. If you need to reduce it further, wait a little while and try again.
0639	An online interface update request attempted to reduce BROWSE_SESSION_COUNT_MAX (S) below the number of Browse Data Spaces currently Enqueued (E). S was reduced to E. The BDSs are probably enqueued because they are being loaded. Once a BDS is loaded, the long term ENQ is DEQ'd. To display the Browse Data Spaces that exist, enter the Operator command: "D J,CName", where "CName" is the jobname of the Sterling Connect:Enterprise main task.	Examine the new value (E) for BROWSE_SESSION_COUNT_MAX in the online interface. If you need to reduce it further, wait a little while and try again.
0640	An internal error occurred in the browse data space API. The parameter list passed to the API is in error. The SCB parameter is 0.	Contact IBM Support.

<b>Code</b>	<b>Description</b>	<b>Action</b>
0641	An internal error occurred in the browse data space API. The parameter list passed to the API is in error. The SCB address is 0.	Contact IBM Support.
0642	An internal error occurred in the browse data space API. The parameter list passed to the API is in error. The SCB eyecatcher is missing.	Contact IBM Support.
0643	An internal error occurred in the browse data space API. The parameter list passed to the API is in error. The SCDA Eyecatcher parameter is 0.	Contact IBM Support.
0644	An internal error occurred in the browse data space API. The parameter list passed to the API is in error. The SCDA Eyecatcher is not 'SCDA'.	Contact IBM Support.
0645	An internal error occurred in the browse data space API. The parameter list passed to the API is in error. The Function parameter is 0.	Contact IBM Support.
0646	An internal error occurred in the browse data space API. The parameter list passed to the API is in error. The Function is invalid.	Contact IBM Support.
0647	An internal error occurred in the browse data space API. The parameter list passed to the API is in error. The Return Code parameter is 0.	Contact IBM Support.
0648	An internal error occurred in the browse data space API. The parameter list passed to the API is in error. The Reason Code parameter is 0.	Contact IBM Support.
0649	An internal error occurred in the browse data space API. The parameter list passed to the API is in error. The Session# parameter is 0.	Contact IBM Support.
0650	An internal error occurred in the browse data space API. The parameter list passed to the API is in error. The ENQ parameter is 0.	Contact IBM Support.
0651	An internal error occurred in the browse data space API. The parameter list passed to the API is in error. The ENQ request is invalid.	Contact IBM Support.
0652	An internal error occurred in the browse data space API. The parameter list passed to the API is in error. The DEQ parameter is 0.	Contact IBM Support.
0653	An internal error occurred in the browse data space API. The parameter list passed to the API is in error. The DEQ request is invalid.	Contact IBM Support.
0654	An internal error occurred in the browse data space API. The parameter list passed to the API is in error. The data space name parameter is 0.	Contact IBM Support.

<b>Code</b>	<b>Description</b>	<b>Action</b>
0655	An internal error occurred in the browse data space API. The parameter list passed to the API is in error. The data space name is invalid.	Contact IBM Support.
0656	An internal error occurred in the browse data space API. The parameter list passed to the API is in error. The Userid parameter is 0.	Contact IBM Support.
0657	An internal error occurred in the browse data space API. The parameter list passed to the API is in error. The Userid is invalid.	Contact IBM Support.
0658	An internal error occurred in the browse data space API. The parameter list passed to the API is in error. The record number parameter is 0.	Contact IBM Support.
0659	An internal error occurred in the browse data space API. The parameter list passed to the API is in error. The buffer address parameter is 0.	Contact IBM Support.
0660	An internal error occurred in the browse data space API. The parameter list passed to the API is in error. The buffer length parameter is 0.	Contact IBM Support.
0661	An internal error occurred in the browse data space API. The parameter list passed to the API is in error. The record offset parameter is 0.	Contact IBM Support.
0662	An internal error occurred in the browse data space API. The parameter list passed to the API is in error. The record length parameter is 0.	Contact IBM Support.
0663	An internal error occurred in the browse data space API. The parameter list passed to the API is in error. The total records parameter is 0.	Contact IBM Support.
0664	TRANSLATE table entry was not loaded at startup.	The name entered for the TRANSLATE parameter does not match a translate table entry loaded from the TRANSLATE DD file at system startup. A previously loaded entry name must be specified.
0665	The file is currently in-use and cannot be deallocated at this time. There is already a queued deallocation request, from a prior command.	None. The file will be deallocated at the next DALLOC_RETRY_INTERVAL, in which the file is not in-use.
0666	The file is currently in-use and cannot be deallocated at this time. The request has been queued and will be deallocated at the next DALLOC_RETRY_INTERVAL, in which the file is not in-use.	None. The file will be deallocated at the next DALLOC_RETRY_INTERVAL, in which the file is not in-use.

Code	Description	Action
0667	The file is currently in-use and cannot be deallocated at this time. An attempt was made to queue the request, but failed, due to a storage allocation error. There will be a corresponding message written to the joblog, which identifies the storage error return code: CMB345E - VBQnn VLFn DEALLOCATION REQUEST, QUEUEING FAILED DUE TO STORAGE OBTAIN ERROR RC=nnnn	Contact Customer Support.
0668	The file is currently in-use and cannot be deallocated at this time. An attempt was made to queue the request, but failed, due to a set timer interval error. There will be a corresponding message written to the joblog, which identifies the set timer error return code: CMB346E - ERROR DETECTED SETTING FILE DEALLOCATION RETRY TIMER, RC=nnnn, ALL QUEUED ENTRIES DELETED.	Contact Customer Support.
0669	An invalid DALLOC_VBQ_STOUTL parameter value was in the ODF update request.	Re-enter a correct input value.
0670	An invalid DALLOC_VLF_STOUTL parameter value was in the ODF update request.	Re-enter a correct input value.
0671	An invalid DALLOC_VBQ_INUSE parameter value was in the ODF update request.	Re-enter a correct input value.
0672	An invalid DALLOC_VLF_INUSE parameter value was in the ODF update request.	Re-enter a correct input value.
0673	An invalid DALLOC_RETRY_INTERVAL parameter value was in the ODF update request.	Re-enter a correct input value.
0674	There is no outstanding queued deallocation request for the specified file, and therefore, no detail information to be displayed.	None required.
0675	An invalid VLFPCCT parameter value was in the ODF update request.	Supply a value from 50-99 and retry the update.
0676	An invalid WACKMAX parameter value was in the ODF update request.	Supply a value from 1-255 and retry the update.
0677	An invalid SSL_DEFAULT_CLIENT_AUTH_POLICY parameter was in the ODF update request.	Supply a value 1,2 or 3 and retry the update.
0678	An invalid FTP_DEFAULT_CLIENT_SCAN parameter was in the ODF update request.	Supply a value 1,2 or 3 and retry the update.
0679	An invalid FTP_DEFAULT_SERVER_SCAN parameter was in the ODF update request.	Supply a value 1,2 or 3 and retry the update.



<b>Code</b>	<b>Description</b>	<b>Action</b>
0680	The VBQ is unavailable, because it was deallocated using the STOUTL=DISALLOW option. When a VBQ or VLF is deallocated with this option, the file remains unavailable to both the Sterling Connect:Enterprise online and offline systems, until the allocate command is issued. This option is normally used to prevent any Sterling Connect:Enterprise file access, allowing uninterrupted file maintenance processing.	Allocate the file, in order to gain access to the requested batch.
0681	An internal error occurred in the Data Space API. Error when reading the VCF record for the selected batch.	Contact IBM Support Support.
0682	An internal error occurred in the Data Space API. Record not found on VCF for the selected batch.	Contact IBM Support Support.
0683	An internal error occurred in the Data Space API. Get sequential failed on VBQ for the selected batch.	Contact IBM Support Support.
0684	Batch number is missing, invalid, or exceeds the MAXBNO value.	Re-enter a correct Batch number value.
0954	C\$U31 STIPS had invalid Batch Number. Internal Error.	Contact IBM Support.
0955	C\$U22 STIPS had invalid Batch Number. Internal Error.	Contact IBM Support.

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## User-Written APPC Error Codes

The following half-word binary format error codes are reserved for use by user-written programs.

```
H`1024' (X`0400') = first reserved user return code
. . . . .
. . . . .
. . . . .
. . . . .
H`1279' (X`04FF') = last reserved user return code
```

# Internal Sterling Connect:Enterprise Services Return Code Values

This chapter describes the codes returned from errors that are not caused by a user, or errors that are due to unforeseen conditions or events. These codes begin with the **RC nnn** identifier. When you receive a return code, contact IBM Support for assistance and retain all documentation to turn over to them.

Return Code	Description
50	InilnitServer was active or InilniClient was active.
51	Server never active for subsystem.
52	Required subsystem name not supplied in JCLPARM data.
53	Enqueue failed for subsystem name; Server/Clients tasks still active.
54	Sterling Connect:Enterprise VSAM Server Reset Program, BTINIRST, attempted to initialize but detected an unauthorized APF environment.
55	Sterling Connect:Enterprise VSAM Server Reset Program, BTINIRST, detected that the JCL Parm Subsystem Name matched a reserved MVS subsystem name. The reserved MVS subsystem names are VTAM, JES2, JES3, APPC, and prefix values of SMS, and TSO.
56	BTVSMSRV is active but there is no PC1 number
57	BTVSMSRV is active but there is no PC2 number
100	StoAlloc storage pool index parameter invalid
101	Stolnit pool overhead exceeds allocated pages <b>Note:</b> Increase APPCPLSZ, EPVT, PVT allocation pages or report problem with supporting documentation to Sterling Commerce Customer Support.
102	StoAlloc requested pool out of storage <b>Note:</b> Increase APPCPLSZ, EPVT, PVT allocation pages or report problem with supporting documentation to Sterling Commerce Customer Support.

Return Code	Description
103	Storage block header address zero, less than the pool low-allocated address, greater than the pool highest used address, or could not be validated using the VSMLOC MACRO service.
104	STORAGE RELEASE or FREEMAIN MACRO error for pool
105	STORAGE OBTAIN or GETMAIN MACRO error for pool <b>Note:</b> Decrease APPCPLSZ, EPVT, PVT allocation pages, increase JCL REGION requested, or report problem with supporting documentation to Sterling Commerce Customer Support.
106	Stolnit PSIZES duplicated or out of sequence
107	Attempt to free a storage pool still in use
108	Stolnit detected no private storage pool requested
109	Stolnit detected no common storage pool requested
110	Validation of the block header use count found the value negative or zero
111	Storage block header id text less than "A", greater than "Z", or did not match the StoFree header id block parameter value
112	Storage block header integer count value did not equal the expected check value
113	SSAB SLB pointer to storage pool origin address not equal or the SLB address is lower than the first SLB or greater than the last SLB valid locations
114	Required storage pool address zero
115	Storage pool id text not equal to "SSAB"
116	Storage Pool origin address is greater than the Hi-Used (Base) address
117	Storage pool origin address plus pool length did not equal the pool ceiling address
118	User requested data length exceeds pool PSIZES <b>Note:</b> Verify requested data length for APPC ADD batch programs and correct errors if found, or report problems with supporting documentation to Sterling Commerce Customer Support.
119	Validation of the storage trailer header address miscompared
120	Validation of the storage trailer header integer miscompared
121	Storage block trailer id text not equal to "*****"
122	Validation of the STO_PAD storage miscompared
123	StoUse (increment block use count) or StoFree (decrement block use count) failed; either the block sequence number was invalid or the use count was already negative or zero
124	BTSTOAVL calling program name invalid
125	BTSTOAVL StoAlloc call sequence number invalid

<b>Return Code</b>	<b>Description</b>
126	BTSTOAVL StoUse call sequence number invalid
127	BTSTOAVL StoFree call sequence number invalid
128	StoSetParm function code invalid
129	SSAB first and last SIB index pointers do not to point to first and last SSAB SLB data areas
130	VSMLOC MACRO RC=non-zero validating pool address
150	TskStartTask was issued with a name greater than 8 characters in length.
151	TskPCSet was issued more than the maximum number specified in TskPCCreate.
152	The number specified in TskPCCreate is greater than the number of entries allowed in an entry table.
153	TskPCSet must be issued exactly n times where n is the maximum number specified on TskPCCreate.
154	The AXSET macro failed.
155	The LXRES macro failed.
156	The ETCRE macro failed.
157	The ETCON macro failed.
158	The ETDIS macro failed.
159	The ETDES macro failed.
160	The LXFRE macro failed.
161	The AXRES macro failed.
162	The AXFRE macro failed.
163	The AXEXT macro failed.
164	The ATSET macro failed.
165	TxkLXDestroy was issued with a system LX.
166	An invalid queue name was supplied on TskOpenQueue.
167	TskTermTask or TskEndTask posts the termination semaphore with TSTKRETTTERM.
168	TskCreateQueue was issued, but the queue was already specified.
169	TskReadQueue, TskPeekQueue, or TskDisableQueue was issued by a task which is not the queue owner (TskCreateQueue).
170	TskPeekQueue detected an empty space.
171	TskPCCreate or TskCreateSem specified an invalid option.
172	Either pchPcr or pfnPcr must be specified on TskPCSet.

<b>Return Code</b>	<b>Description</b>
174	TskAddSemList attempted to add too many semaphores to the specified list.
175	The ATTTACH macro failed during TskStartTask processing.
176	The MGCR macro failed during TskStartTask processing.
177	TskOpenQueue, TskReadQueue, TskWriteQueue, or TskPeekQueue was issued against a disabled queue.
178	An identical subsystem name already exists.
179	Authorization is required to perform the requested operation.
180	The ESTAE macro failed. *prvRsn contains the ESTAE return code.
181	Enq failed.
182	Deq failed.
183	The TskInitConsole function was issued with a count of greater than 255.
184	The TskGetConsole function was issued but the buffer specified was too short and the command was truncated.
185	Subsystem name matched non-Mailbox formatted SSCVT control block subsystem name.
186	Unable to chain a necessary recovery TASK ABEND EXIT BLOCK to permit continued processing. Retry the failing function and if unsuccessful, collect documentation and notify IBM Support Support.
187	Failure creating GSA System Token
188	Vsam Manager Queue Tail beyond Head
200	The BLDVRP macro failed. The reason code contains the BLDVRP return code.
201	The DLVRP macro failed. The reason code contains the DELVRP return code.
202	The GENCB BLK=ACB macro failed. The reason code contains the GENCB return code.
203	The GENCB BLK=RPL macro failed. The reason code contains the GENCB return code.
204	The OPEN macro failed. The reason code contains the OPEN return code.
205	The CLOSE macro failed. The reason code contains the CLOSE return code.
206	The data set name specified on VsmOpen is greater than 44 bytes in length.
207	The VSAM server terminated.
208	A VSAM request failed. The reason code contains the RPLFDBWD field. Reason Code 'E4080014' on the VCF is known to occur when the EMC product, SRDF, has disk mirroring set set to Synchronous Copy Mode. If this is the case, you must set it back to Adaptive Copy Mode.
209	The VSAM server detected an invalid semaphore request.

Return Code	Description
210	The VSAM server detected an invalid queue request.
211	The SHOWCB RPLLEN macro failed. The reason code contains the SHOWCB return code.
212	The SHOWCB ACBLEN macro failed. The reason code contains the SHOWCB return code.
213	The SHOWCB macro failed. The reason code contains the SHOWCB return code.
214	The key length specified is greater than the defined key length.
215	The LRD option was specified without the BWD option.
216	The task is not APF authorized.
217	VSAM PUT request failed - record size exceeds max record size for file.
218	Sterling Connect:Enterprise attempted to queue a VSAM request and the control blocks were not owned by the active ASCB and/or TCB.
219	Sterling Connect:Enterprise attempted to queue a VSAM request using an obsolete software level of the product which does not support the VCF File Alternate Index and the Extended Addressable VSAM Allocation file structures. Correct your job to use a current Sterling Connect:Enterprise consistent with the level of the VSAM server component in use.
220	Sterling Connect:Enterprise VSAM Server Program, BTVSMSRV, attempted to issue a VSAM request that was rejected.
221	Error allocating Server ODB, OUB or OPN during Open processing
250	DynSetUnit was issued too many times against the specified dynamic allocation handle. The maximum number is specified on DynBegin.
251	The total length specified on DynSetUnit was too small to accommodate the DynSetParm request.
252	DynExecute failed. The SVC 99 return code, S99INFO and S99ERROR fields are returned.
300	The timer server has terminated.
301	The timer server detected an invalid semaphore request.
302	The timer server detected an invalid queue request.
303	A STIMER orr STIMERM macro failed.
304	The timer interval has expired.
305	The TmrCancel function was issued but the timer was already canceled.
306	U0306 Abend - TMR Server can't read GSA Token
307	U0307 Abend - TMR Server read GSA Token but values missing
308	U0308 Abend - TMR Server InitClient failed

<b>Return Code</b>	<b>Description</b>
400	Request PC Server to terminate
401	PC Token not found
402	PCCallReq does not have PC number
403	PCCallResp does not have PC number
406	PC Token does not have LX value
407	PC Server received unknown post
408	PC Server received unknown request
409	BTPCCON had error connection Client and Server OUBs
411	Client OUB missing in PCCallResp
412	Server OUB missing in PCCallResp
413	PC Token not found during deletion
414	IEANTDL Token Delete Error
415	PC Token already exist during creatio
416	IEANTCR Token Create Error
423	U0423 Abend - PC Server can't read GSA Token
424	U0424 Abend - PC Server read GSA Token but values missing
425	U0425 Abend - PC Server InitClient Failure
426	U0426 Abend - PC1 got S0C2 failure
427	BTPCUOD (Update Client ODB) call had invalid parameters
428	BTPCUOD (Update Client ODB) call had invalid Client Asid
429	BTPCUOD (Update Client ODB) call had ALESERV error
430	BTPCUOD (Update Client ODB) call had bad OUB address
431	BTPCUOD (Update Client ODB) call had bad OUB eyecatcher
432	BTPCUOD (Update Client ODB) call had bad ODB address
433	BTPCUOD (Update Client ODB) call had bad ODB eyecatcher
434	BTPCCON (Connect OUB) call had invalid parameters
435	BTPCCON(Connect OUB) call had invalid Client Asid
436	BTPCCON (Connect OUB) call had ALESERV error
437	BTPCCON (Connect OUB) call had bad Client OUB address
438	BTPCCON (Connect OUB) call had bad Client OUB eyecatcher



<b>Return Code</b>	<b>Description</b>
439	BTPCCON (Connect OUB) call had bad Server OUB address
440	BTPCCON (Connect OUB) call had bad Server OUB eyecatcher
441	BTPCPC1 (PC Request) call had invalid parameters
442	BTPCPC1(PC Request) call had bad parameter list eyecatcher
443	BTPCPC1 (PC Request) call had bad Client OUB address
444	BTPCPC1 (PC Request) call had bad Client OUB eyecatched
445	BTPCPC1 (PC Request) call had bad Client ODB address
446	BTPCPC1 (PC Request) call had bad Client ODB eyecatcher
447	BTPCPC1 (PC Request) call had bad Server OUB address
448	BTPCPC1 (PC Request) call had bad Server OUB eyecatcher
449	BTPCPC1 (PC Request) call had bad Server ODB address
450	BTPCPC1 (PC Request) call had bad Server ODB eyecatcher
451	BTPCPC1 (PC Request) call had IEANTRT failure
452	BTPCPC1 (PC Request) call hit maximum recursion
453	BTPCPC1 (PC Request) encountered zero QHB
454	BTPCPC1 (PC Request) encountered disabled QHB
455	BTPCPC1 (PC Request) encountered zero QRB
456	BTPCPC1 (PC Request) encountered disabled QRB
457	BTPCPC1 (PC Request) all QRBs in use
458	BTPCPC1 (PC Request) Point request failed
459	BTPCPC1 (PC Request) Put request failed
460	BTPCPC2 (PC Response) call had invalid parameters
461	BTPCPC2(PC Response) call had bad parameter list eyecatcher
462	BTPCPC2 (PC Response) call had bad Client OUB address
463	BTPCPC2 (PC Response) call had bad Client OUB eyecatched
464	BTPCPC2 (PC Response) call had bad Client ODB address
465	BTPCPC2 (PC Response) call had bad Client ODB eyecatcher
466	BTPCPC2 (PC Response) call had bad Server OUB address
467	BTPCPC1 (PC Response) call had bad Server OUB eyecatcher
468	BTPCPC2 (PC Response) call had bad Server ODB address

<b>Return Code</b>	<b>Description</b>
469	BTPCPC2 (PC Response) call had bad Server ODB eyecatcher
470	BTPCPC2 (PC Response) call had IEANTRT failure
471	BTPCPC1 (PC Request) call had bad RES address
472	BTPCPC1 (PC Request) call had bad RES eyecatcher
473	(PC Request) encountered zero QHB on VSMMGR Queue
474	(PC Request) encountered disabled QHB on VSMMGR Queue
475	(PC Request) encountered zero QRB on VSMMGR Queue
476	(PC Request) encountered disabled QRB on VSMMGR Queue
477	BTPCPC2 (PC Response) Point request failed
479	BTPCPC1 (PC Request) call had bad BSR address
480	BTPCPC1 (PC Request) call had bad BSR eyecatcher
481	BTPCBSR (Update Client BSR count) had bad parameter list
482	BTPCBSR (Update Client BSR count) had invalid Client ASID
483	BTPCBSR (Update Client BSR count) had ALESERV error
484	BTPCBSR (Update Client BSR count) had bad BSR address
485	BTPCBSR (Update Client BSR count) had bad BSR eyecatcher

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# Programming Error Codes

This chapter describes possible programming error codes.

During processing, error conditions or return codes can originate from different sources. For example, the CICS Interface LU6.2 communication processor programs CM62001 and CM62002 could be the source of CICS return codes. If you utilize user-written wakeup exits in Sterling Connect:Enterprise, they may also generate return codes to your user-written API transaction programs.

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## FnFn Sterling Connect:Enterprise Error Codes

This section contains all codes that begin with the **FnFn** identifier. Descriptions for these codes can be displayed using the CICS and ISPF Interface Message Library (Message Type 3).

Code	Description	Action
F0F1	The Interface Parameter Structure (IPS) header is not properly identified.	Ensure that the IPS header is identified as "C\$H00".
F0F2	The Interface Parameter Structure (IPS) request code is blank (8 bytes of X'40').	Provide a valid request code in the IPS.
F0F3	The Interface Parameter Structure (IPS) request code is null (8 bytes of X'00').	Provide a valid request code in the IPS.
F0F4	H00HLNG field in the Interface Parameter Structure (IPS) does not match the header DSECT length.	Ensure that field H00HLNG contains the value H00HLEN for a full header or H00MHLEN for a mini header. If the condition persists, your Application Programming Interface Header macro (C\$H00) is a different release level than the program 'CM62001' which is being LINKed.
F0F5	Header type in the Interface Parameter Structure (IPS) is neither full nor mini.	Ensure that a correct value is specified in field H00HTYPE in the IPS.

<b>Code</b>	<b>Description</b>	<b>Action</b>
F0F6	The conversation ID number in the Interface Parameter Structure (IPS) could not be found in the system control tables.	Ensure that user written programs do not modify field H00IDENT in the IPS.
F0F7	ISPF resource definition in the Interface Parameter Structure (IPS) is invalid. Neither program name nor transactionID is indicated.	Ensure that field H00CDEFN in the IPS contains a valid value.
F0F8	ISPF resource definition in the Interface Parameter Structure (IPS) is invalid. Both program name and transaction ID are indicated.	Ensure that field H00CDEFN in the IPS contains a valid value.
F0F9	Program name in the Interface Parameter Structure (IPS) is either all blank (X'40') or all nulls (X'00').	Ensure that field H00CPROG in the IPS contains a valid value.
F1F0	Transaction name in the Interface Parameter Structure (IPS) is either all blank (X'40') or all nulls (X'00').	Ensure that field H00CTRAN in the IPS contains a valid value.
F1F1	ISPF resource definition in the Interface Parameter Structure (IPS) is invalid. Both H00TRMID and H00TRMUS are indicated.	Ensure that field H00CDEFN in the IPS contains a valid value.
F1F2	Terminal ID is specified in the Interface Parameter Structure (IPS), but no Transaction ID is indicated.	Terminal ID is significant only in a start transaction command.
F1F3	Terminal ID in the Interface Parameter Structure (IPS) is either all blank (X'40') or all nulls (X'00').	Ensure that field H00CTERM in the IPS contains a valid value.
F1F4	ISPF user ID in the Interface Parameter Structure (IPS) is either all blank (X'40') or all nulls (X'00').	Ensure that field H00CUSER in the IPS contains a valid value.
F1F5	ISPF SYSID in the Interface Parameter Structure (IPS) is either all blank (X'40') or all nulls (X'00').	Ensure that field H00SYSID in the IPS contains a valid value.
F1F7	Data type in the Interface Parameter Structure (IPS) is invalid.	Ensure that field H00DATA in the IPS contains a valid value.
F1F8	Total Interface Parameter Structure (IPS) length is greater than the supplied data length.	Ensure that field H00TSLNG in the IPS contains a valid value. The length of the IPS, whether provided as a COMMAREA when LINKed or a Temporary Storage Queue record, must be equal to or greater than the value specified in field H00TSLNG. The overall supplied data length serves as the maximum receive buffer while H00TSLNG defines the amount of data to be sent to Sterling Connect:Enterprise.

<b>Code</b>	<b>Description</b>	<b>Action</b>
F1F9	Total Interface Parameter Structure (IPS) length is greater than the maximum allowable length.	Ensure that field H00TSLNG in the IPS contains a valid value. The maximum length allowed for a COMMAREA or TSQ record is 32K bytes.
F2F1	The Sterling Connect:Enterprise symbolic name in the InterfaceParameter Structure (IPS) is blank (X'40').	Ensure that field H00SNAME in the IPS contains a valid value.
F2F2	The Sterling Connect:Enterprise symbolic name in the Interface Parameter Structure (IPS) is null (X'00').	Ensure that field H00SNAME in the IPS contains a valid value.
F2F3	The Sterling Connect:Enterprise symbolic name in the Interface Parameter Structure (IPS) is not known to Sterling Connect:Enterprise ISPF.	Ensure that field H00SNAME in the IPS contains a valid value. Use panel 1.3 or 1.5 in the Sterling Connect:Enterprise ISPF Interface System to define the Sterling Connect:Enterprise symbolic name.
F2F4	All conversations are active. Error was returned from the control table search.	Retry later or define additional conversations.
F2F5	Target Sterling Connect:Enterprise is not active.	Start the desired Sterling Connect:Enterprise and retry.
F2F6	Unknown ALLOCATE command error.	Check the EIBFN and EIBRCODE values contained in field H00SFDBK in the Interface Parameter Structure (IPS) for ISPF supplied codes.
F2F7	All conversations are active. Error was returned from the ALLOCATE command.	Retry later or define additional conversations.
F2F8	Unknown CONNECT PROCESS command error.	Check the EIBFN and EIBRCODE values contained in field H00SFDBK in the Interface Parameter Structure (IPS) for ISPF supplied codes.
F2F9	Connection not defined for specified symbolic name.	Ensure that field H00SNAME in the IPS contains a valid value. Use panel 1.3 or 1.5 in the Sterling Connect:Enterprise ISPF Interface System to verify the Sterling Connect:Enterprise symbolic name and connection ID. The specified Connection ID is not defined to ISPF. The ISPF definition must be completed and made available to Sterling Connect:Enterprise ISPF.
F3F0	SYSIDERR returned by INQUIRE CONNECTION. Connection was defined to ISPF previously but can no longer be located.	Ensure that connection was not dynamically deleted.
F3F1	Connection not defined as a VTAM access method.	Ensure that connections are defined properly in ISPF.

<b>Code</b>	<b>Description</b>	<b>Action</b>
F3F2	Connection not defined as an APPC protocol.	Ensure that connections are defined properly in ISPF.
F3F3	Connection appears to have work units pending.	Retry later. Connection is not available to us at this time.
F3F4	Connection is OUTSERVICE. Attempt to set INSERVICE failed.	Check the H00CERC and H00CEEC feedback fields in the Interface Parameter Structure (IPS) to view the EIBRCODE and EIBERRCD values supplied by ISPF. One cause for this error may be that the CICS SIP table and/or override does not specify ISC=YES.
F3F5	Connection is RELEASED. Attempt to set ACQUIRED failed.	Check the H00CERC and H00CEEC feedback fields in the Interface Parameter Structure (IPS) to view the EIBRCODE and EIBERRCD values supplied by ISPF.
F3F6	Connection could not be placed INSERVICE-ACQUIRED.	Ensure that the Sterling Connect:Enterprise applid is active and the specified netname for this connection is correct.
F4F1	Interface Parameter Structure (IPS) is shorter than the required header portion.	Ensure that the IPS is properly defined.
F4F2	Total Interface Parameter Structure (IPS) length is less than the length of the header plus the length of the trailer.	Ensure that field H00TSLNG in the IPS contains a valid value.
F4F3	Partner executed an ISSUE ABEND in response to our SEND CONFIRM.	Determine why partner issued the ABEND.
F4F4	Unexpected error on send.	Check the EIBFN and EIBRCODE values contained in field H00SFDBK in the Interface Parameter Structure (IPS).
F4F5	Partner executed an ISSUE ERROR in response to our SEND CONFIRM.	The Interface Parameter Structure (IPS) contains the error data returned by our partner.
F4F6	The conversation ID number in the Interface Parameter Structure (IPS) on a subsequent send segment is incorrect.	Ensure that user written programs do not modify field H00IDENT in the IPS.
F5F1	System is in SEND state but the API request does not indicate that a SEND is requested.	Ensure that field H00CFCTL is specified correctly in the Interface Parameter Structure (IPS). The user written Application Programming Interface has failed to observe the flow control dictated by field H00CFCTL on the prior invocation.

<b>Code</b>	<b>Description</b>	<b>Action</b>
F5F2	System is in RECEIVE state but the API request indicates that a SEND is requested. This action is invalid until our partner relinquishes send state to us.	Ensure that field H00CFCTL is specified correctly in the Interface Parameter Structure (IPS). The user written Application Programming Interface has failed to observe the flow control dictated by field H00CFCTL on the prior invocation.
F5F3	System is in RECEIVE state but the API request does not indicate that a RECEIVE is requested.	Ensure that field H00CFCTL is specified correctly in the Interface Parameter Structure (IPS). The user written Application Programming Interface has failed to observe the flow control dictated by field H00CFCTL on the prior invocation.
F5F4	Unexpected error on ISSUE CONFIRM.	Check the EIBFN and EIBRCODE values contained in field H00SFDBK in the Interface Parameter Structure (IPS) for ISPF supplied codes.
F6F1	Unexpected error on RECEIVE.	Check the EIBFN and EIBRCODE values contained in field H00SFDBK in the Interface Parameter Structure (IPS) for ISPF supplied codes.
F6F2	API buffer length exceeds maximum allowed by the Sterling Connect:Enterprise ISPF Interface system.	Contact Sterling Connect:Enterprise ISPF administrator to determine the maximum buffer length allowed.
F6F3	SYNCPOINT request is not supported in this program.	Determine why our partner has issued a SYNCPOINT request.
F6F4	SYNCPOINT ROLLBACK request is not supported in this program.	Determine why our partner has issued a SYNCPOINT ROLLBACK request.
F6F5	ISSUE SIGNAL request is not supported in this program.	Determine why our partner has issued an ISSUE SIGNAL request.
F6F6	The conversation ID number in the Interface ParameterStructure (IPS) on a subsequent receive segment is incorrect.	Ensure that user written programs do not modify field H00IDENT in the IPS.
F7F1	The Sterling Connect:Enterprise APPLID name in the Interface Parameter Structure (IPS) from Sterling Connect:Enterprise is blank (X'40').	Contact IBM Support for assistance.
F7F2	The Sterling Connect:Enterprise APPLID name in the Interface Parameter Structure (IPS) from Sterling Connect:Enterprise is null (X'00').	Contact IBM Support for assistance.

<b>Code</b>	<b>Description</b>	<b>Action</b>
F7F3	The Sterling Connect:Enterprise APPLID name in the Interface Parameter Structure (IPS) from Sterling Connect:Enterprise is not registered in the Sterling Connect:Enterprise ISPF Interface System.	Ensure that field H00SNAME in the IPS contains a valid value. Ensure that a ISPF Connection definition exists for this Sterling Connect:Enterprise system. Use panel 1.3 or 1.5 in the Sterling Connect:Enterprise ISPF Interface system to define an Sterling Connect:Enterprise symbolic name and Connection ID for this remote system.
F7F4	All conversations are active. Error was returned from the control table search.	Retry later or define additional conversations.
F7F5	Connection not defined for the Sterling Connect:Enterprise APPLID.	Ensure that field H00SNAME in the IPS contains a valid value. Use panel 1.3 or 1.5 in the Sterling Connect:Enterprise ISPF Interface System to verify the Sterling Connect:Enterprise symbolic name and connection ID. The specified Connection ID is not defined to ISPF. The ISPF definition must be completed and made available to Sterling Connect:Enterprise ISPF.
F8C1	Encryption/Decryption information in the temporary storage queue is incorrect. The record retrieved (item #1) from temporary storage does not contain valid Sterling Connect:Enterprise identification data.	Contact IBM Support for assistance.
F8C2	Error updating Temporary Storage Queue Record. An error occurred while attempting to rewrite (WRITEQ) a temporary storage queue record (item #1) in auxiliary storage. Check the EIB data returned in the C\$H00 feedback fields.	Contact the ISPF technical support personnel at your site for assistance. If the difficulty cannot be resolved locally, contact IBM Support for additional assistance.
F8C3	Error reading Temporary Storage Queue record. An error occurred while attempting to retrieve (READQ) a temporary storage queue record (item #2) from auxiliary storage. Check the EIB data returned in the C\$H00 feedback fields.	Contact the ISPF technical support personnel at your site for assistance. If the difficulty can not be resolved locally, contact IBM Support for additional assistance.
F8C4	The temporary storage queue containing data for the user-written API is incorrect. The record retrieved (item #2) from temporary storage does not contain valid Sterling Connect:Enterprise identification data.	Contact IBM Support for assistance.
F8C5	Error updating Temporary Storage Queue Record. An error occurred while attempting to rewrite (WRITEQ) a temporary storage queue record (item #2) in auxiliary storage. Check the EIB data returned in the C\$H00 feedback fields.	Contact the ISPF technical support personnel at your site for assistance. If the difficulty cannot be resolved locally, contact IBM Support for additional assistance.



<b>Code</b>	<b>Description</b>	<b>Action</b>
F8C6	Error updating Temporary Storage Queue Record. An error occurred while attempting to rewrite (WRITEQ) a temporary storage queue record (item #2) in auxiliary storage. This record contains no data, only identification fields. Check the EIB data returned in the C\$H00 feedback fields.	Contact the ISPF technical support personnel at your site for assistance. If the difficulty can not be resolved locally, contact IBM Support for additional assistance.
F8C7	Error reading Temporary Storage Queue record. An error occurred while attempting to retrieve (READQ) a temporary storage queue record (item #1) from auxiliary storage. Check the EIB data returned in the C\$H00 feedback fields.	Contact the ISPF technical support personnel at your site for assistance. If the difficulty cannot be resolved locally, contact IBM Support for additional assistance.
F8C8	Error updating Temporary Storage Queue Record. An error occurred while attempting to rewrite (WRITEQ) a temporary storage queue record (item #1) in auxiliary storage. Check the EIB data returned in the C\$H00 feedback fields.	Contact the ISPF technical support personnel at your site for assistance. If the difficulty cannot be resolved locally, contact IBM Support for additional assistance.
F8C9	The system generated Message Authentication Code entry has not been processed. This indicates the batch data was not originally encrypted and should not have been decrypted. The decryption processing has made the batch data incorrect.	Terminate the processing and do not use the data received. Receive the batch data again without requesting decryption.
F8D1	Message Authentication Code validation has failed. The batch data received is incorrect. This error will be caused by using different key data for the encryption and decryption processing. This is the most usual cause of the condition, but there are other reasons that this may occur.	Verify that key data (and length) used for both encryption and decryption are the same. If this is determined to not be the case of the problem, contact IBM Support for additional assistance.
F8D2	The user supplied IPS buffer area is not large enough to contain the end of add response (batch number) from Sterling Connect:Enterprise. Your data has been added to the Sterling Connect:Enterprise Queues successfully.	The assigned batch number may be unknown. Correct the program to eliminate this error on subsequent executions.
F8F0	Trailer length (A20TLNG/R20TLNG) is invalid. The user data displacement field (A20DDSP/R20DDSP) is located beyond the end of the trailer.	Correct the trailer definition data.
F8F1	User data displacement value is invalid. The displacement value identifies a location in the trailer that is in front of the displacement field itself or the value identifies a location beyond the end of the C\$A20/C\$R20 trailer.	Correct the trailer definition data.

Code	Description	Action
F8F2	Encryption/Decryption method is invalid.	Specify a valid method indicator in the A20ETYP or R20DTYP field.
F8F3	Encryption/Decryption key length is invalid. The key data for encryption or decryption must be at least 1 byte in length but not more than 16,383 bytes in length. <b>Note:</b> When processing data for or from the STOUTL utility program, the key must always be eight bytes in length.	Specify a correct key length.
F8F4	Encryption/Decryption information is not valid. The user data length field (A20LEN/R20LEN) is less than fixed data required by encryption/decryption plus the variable encryption/decryption key length.	Correct the trailer definition data.
F8F5	Encryption/Decryption key is invalid. The specified key length is longer than the data that is stored in the C\$A20/C\$R20 trailer.	Correct the trailer definition data.
F8F6	Error writing Temporary Storage Queue record. An error occurred while attempting to create (WRITEQ) a temporary storage queue in auxiliary storage. Check the EIB data returned in the C\$H00 feedback fields.	Contact the ISPF technical support personnel at your site for assistance. If the difficulty cannot be resolved locally, contact IBM Support for additional assistance.
F8F7	Decryption information is not valid. The user data length (R20LEN) is less than fixed data required by decryption plus a minimum length decryption key.	Correct the trailer definition data.
F8F8	Decryption action indicator (R20DACT) is invalid.	Correct the trailer definition data.
F8F9	Error reading Temporary Storage Queue record. An error occurred while attempting to retrieve (READQ) a temporary storage queue record (item #1) from auxiliary storage. Check the EIB data returned in the C\$H00 feedback fields.	Contact the ISPF technical support personnel at your site for assistance. If the difficulty cannot be resolved locally, contact IBM Support for additional assistance.
F9F9	ISPF START TRANSACTION failed.	Ensure that field H00CDEFN and the associated fields in the Interface Parameter Structure (IPS) were specified correctly by the wakeup exit. Check the EIBFN and EIBRCODE values contained in field H00SFDBK in the Interface Parameter Structure (IPS) for ISPF supplied codes.

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## C'nn'Return Codes

This section describes all codes that begin with the **C'nn'** identifier. These return codes are generated within the CICS/ISPF Interfaces. Descriptions for these codes can be displayed using the CICS and ISPF Interface Message Library (Message Type 3). These codes require the hex representation to obtain a description. These are shown in parentheses to the right of the codes.

<b>Code</b>	<b>(Hex)</b>	<b>Description</b>
C'01'	(F0F1)	The IPS header is not properly identified as C\$H00.
C'02'	(F0F2)	The request code is blank (8 bytes of X'40').
C'03'	(F0F3)	The request code is nulls (8 bytes of X'00').
C'04'	(F0F4)	The length in the header DSECT (label H00HLNG) does not match the header DSECT length (H00HLEN for a full header or H00MHLEN for a mini header).
C'05'	(F0F5)	Header type is neither full nor mini.
C'06'	(F0F6)	Conversation ID number in the IPS could not be found in the system control tables.
C'07'	(F0F7)	CICS resource definition data in the IPS is not valid. Neither program name nor transaction ID is defined.
C'08'	(F0F8)	CICS resource definition data in the IPS is not valid. Both program name and transaction ID are indicated as defined.
C'09'	(F0F9)	Program name in the IPS is either all blanks (X'40') or all X'00's.
C'10'	(F1F0)	Transaction name in the IPS is either all blanks (X'40') or all X'00's.
C'11'	(F1F1)	Terminal ID definition in the IPS conflicts. Both terminal type flags (H00TRMID and H00TRMUS) are present.
C'12'	(F1F2)	Terminal ID definition is specified in the IPS but no transaction ID is indicated. Terminal ID is significant only in a START TRANSACTION command.
C'13'	(F1F3)	Terminal ID in the IPS is either all blanks (X'40') or all X'00's.
C'14'	(F1F4)	CICS user ID in the IPS is either all blanks (X'40') or all X'00's.
C'15'	(F1F5)	CICS SYSID in the IPS is either all blanks (X'40') or all X'00's.
C'17'	(F1F7)	IPS data type is not valid.
C'18'	(F1F8)	Total IPS length (H00TSLNG) is greater than the length of the supplied data.
C'19'	(F1F9)	Total IPS length (H00TSLNG) is greater than the maximum allowable record length.
C'20'	(F2F0)	Total IPS length (H00TSLNG) is not large enough to include the trailer length field and the trailer ID field.
C'21'	(F2F1)	The Sterling Connect:Enterprise symbolic name is blank (8 bytes of X'40').
C'22'	(F2F2)	The Sterling Connect:Enterprise symbolic name is nulls (8 bytes of X'00').

<b>Code</b>	<b>(Hex)</b>	<b>Description</b>
C'23'	(F2F3)	The Sterling Connect:Enterprise symbolic name or APPLID (from Sterling Connect:Enterprise) is not registered in the CICS interface system.
C'24'	(F2F4)	All conversations are active. Retry later. This error indication was returned from the ctl table search.
C'25'	(F2F5)	Target Sterling Connect:Enterprise (VTAM) system is not active.
C'26'	(F2F6)	Unknown allocation error. EIBFN and EIBRCODE are in feedback fields in the IPS header.
C'27'	(F2F7)	All conversations are active. Retry later. This error indication was returned from the ALLOCATE command.
C'28'	(F2F8)	Unknown connect process error. EIBFN and EIBRCODE are in feedback fields in the IPS header.
C'29'	(F2F9)	Connection not defined for specified symbolic name.
C'30'	(F3F0)	SYSIDERR returned by INQUIRE CONNECTION. Connection was defined to CICS previously but it no longer can be located. It must have been dynamically deleted.
C'31'	(F3F1)	Connection is not defined as a VTAM access method.
C'32'	(F3F2)	Connection is not defined as an APPC protocol.
C'33'	(F3F3)	Connection appears to have work units pending (connection is not available at this time).
C'34'	(F3F4)	Connection is OUTSERVICE. Attempt to set INSERVICE failed. Check H00CERC and H00CEEC feedback fields.
C'35'	(F3F5)	Connection is RELEASED. Attempt to set as ACQUIRED failed. Check H00CERC and H00CEEC feedback fields.
C'36'	(F3F6)	Connection could not be placed INSERVICE-ACQUIRED. This indicates Sterling Connect:Enterprise APPLID is not active or the specified netname for this CONNECTION is incorrect.
C'41'	(F4F1)	IPS record is shorter than the required header portion.
C'42'	(F4F2)	Total length (field H00TSLNG) is less than the length of the header plus the length of the trailer.
C'43'	(F4F3)	Partner executed ISSUE ABEND in response to the SEND CONFIRM that was executed.
C'44'	(F4F4)	Unexpected error on send. EIBFN, EIBRCODE and EIBERRCD are in feedback fields in the IPS header.
C'45'	(F4F5)	Partner executed ISSUE ERROR in response to the SEND CONFIRM that was executed. IPS contains the error data returned by our partner.
C'46'	(F4F6)	Conversation ID passed back in the IPS on a subsequent SEND segment is incorrect.
C'51'	(F5F1)	System is in SEND state. The API request does not indicate that a SEND is requested. Flow control flag is incorrect.

<b>Code</b>	<b>(Hex)</b>	<b>Description</b>
C'52'	(F5F2)	System is in RECEIVE state. The API request indicates that a SEND is requested. This action is invalid until our partner relinquishes send state to us. Flow control flag is incorrect.
C'53'	(F5F3)	System is in RECEIVE state. The API request does not indicate that a RECEIVE is requested. Flow control flag is incorrect.
C'54'	(F5F4)	Unexpected error on ISSUE CONFIRM. EIBFN, EIBRCODE and EIBERRCD are in feedback fields in the IPS header.
C'61'	(F6F1)	Unexpected error on receive. EIBFN, EIBRCODE and EIBERRCD are in feedback fields in the IPS header.
C'62'	(F6F2)	API buffer length exceeds maximum buffer length allowed.
C'63'	(F6F3)	SYNCPOINT request is not supported in this program.
C'64'	(F6F4)	SYNCPOINT ROLLBACK request is not supported in this program.
C'65'	(F6F5)	ISSUE SIGNAL request is not supported in this program.
C'66'	(F6F6)	Conversation ID passed back in the IPS on a subsequent RECV segment is incorrect.
C'71'	(F7F1)	The Sterling Connect:Enterprise APPLID (from Sterling Connect:Enterprise) is blank (8 bytes of X'40').
C'72'	(F7F2)	The Sterling Connect:Enterprise APPLID (from Sterling Connect:Enterprise) is nulls (8 bytes of X'00').
C'73'	(F7F3)	The Sterling Connect:Enterprise APPLID (from Sterling Connect:Enterprise) is not registered in the CICS interface system.
C'74'	(F7F4)	All conversations are active. Retry later. This error indication was returned from the ctl table search.
C'75'	(F7F5)	Connection not defined for the Sterling Connect:Enterprise supplied APPLID.
C'80'	(F8F0)	Trailer length is invalid. User data displacement field (A20DDSP or R20DDSP) is not included within the defined trailer.
C'81'	(F8F1)	User data displacement (A20DDSP or R20DDSP) is invalid. Displacement value points prior to the displacement field or beyond the end of the trailer.
C'82'	(F8F2)	Encryption/Decryption method code is invalid.
C'83'	(F8F3)	Encryption/Decryption control key length is less than 1 or greater than 16,383.
C'84'	(F8F4)	Encryption/Decryption control information is not valid. User data length (A20LEN or R20LEN) is too small to provide complete control information.
C'85'	(F8F5)	Encryption/Decryption key data is incomplete. Key length extends beyond the end of the trailer.
C'86'	(F8F6)	Error writing TSQ for Encryption/Decryption control information.
C'87'	(F8F7)	User data length (R20LEN) is too short for valid decryption control information.
C'88'	(F8F8)	Decryption Action (R20DACT) is invalid.

Code	(Hex)	Description
C'89'	(F8F9)	Error reading TSQ for encryption control information.
C'8A'	(F8C1)	Encryption/Decryption control information in TSQ is not correct.
C'8B'	(F8C2)	Error writing TSQ for encryption control information.
C'8C'	(F8C3)	Error reading TSQ for decryption straddle data.
C'8D'	(F8C4)	Decryption control information in TSQ straddle data record is incorrect.
C'8E'	(F8C5)	Error writing TSQ for decryption straddle data.
C'8F'	(F8C6)	Error writing TSQ for empty decryption straddle data.
C'8G'	(F8C7)	Error reading TSQ for decryption control information.
C'8H'	(F8C8)	Error writing TSQ for decryption control information.
C'8I'	(F8C9)	Message Authentication Code is missing. Received data is incorrect and should not be used.
C'8J'	(F8D1)	Message Authentication Code does not match. Received data is incorrect and should not be used.
C'8K'	(F8D2)	User supplied IPS is not large enough to receive the end of ADD response from Sterling Connect:Enterprise.
C'99'	(F9F9)	The CICS START TRANSACTION failed. This message is returned to Sterling Connect:Enterprise only after a Wake-Up transaction request IPS has been processed.

## CnFn Return Codes

This section describes all codes that begin with the **CnFn** identifier. These return codes are generated within the CICS/ISPF Interfaces. Descriptions for these codes can be displayed using the CICS and ISPF Interface Message Library (Message Type 3).

Code	Description	Actions
C9F1	The function or task you attempted to perform may not be fully supported in the system that you are currently connected to. Note the CM: field in upper right corner of the panel. The panel format is the most recent version that contains some features or functionality that are not compatible with prior version Sterling Connect:Enterprise systems.	Use panel 5.0 to initially access (or, if you have previously accessed it, use panel 6.0 to select) the desired Sterling Connect:Enterprise system. Then, press the PF12 key or use the direct transportation facility (=n.n) to access the original request panel and reissue your initial request. Failure to follow these steps could result in an unpredictable error being returned by Sterling Connect:Enterprise.

Code	Description	Actions
C9F2	The function or task you attempted to perform has been enhanced in the system version to which you are currently connected (CM: in upper right corner of the panel). The panel format is a prior version that does not contain the necessary data for your request.	Use panel 5.0 to initially access (or, if you have previously accessed, use panel 6.0 to select) the desired Sterling Connect:Enterprise system. Then, press the PF12 key or use the direct transportation facility (=n.n) to access the original request panel and reissue your initial request. Failure to follow these steps could result in an unpredictable error being returned by Sterling Connect:Enterprise.
C9F3	You have just completed a successful signon to the specified Sterling Connect:Enterprise system (CM: in the upper right corner of the panel). The version, release and modification level of that Sterling Connect:Enterprise system is "VnnRnnMnn".	None. Informational message only.
C9F4	The ADD Utility that was submitted contains more than nine AUTOSEND images. You are connected with CONNECT:Mailbox Version 1.1 (CM: in the upper right corner of the panel). As noted on the AUTOSEND panels, only nine images can be processed.	Modify the ADD Model (Panel 2.3.1) to reduce the AUTOSEND image count (Panel 2.3.1.2) to nine or less. Then resubmit the ADD Utility. Or, connect with a Version 2.1 (or more recent) CONNECT:Mailbox system to process a maximum of one hundred AUTOSEND images.
C9F5	The Utility just submitted has an invalid LOG specification. You are connected with CONNECT:Mailbox Version 1.1 (CM: in the upper right corner of the panel). As noted on the submission panel and on the model panel, LOG is required when using a Version 1.1 CONNECT:Mailbox.	Modify the appropriate model to specify a 1 or 2 as the LOG parameter. Then resubmit the utility. Or, connect with a Version 2.1 (or more recent) CONNECT:Mailbox system to process without a LOG parameter.

## Control Information Return Codes (nnnC)

This section contains all codes that begin with the **nnnC** identifier. These return codes are stored in the C\$CTLCA DSECT, which is used to pass control data to the CICS LU6.2 transaction. This occurs when using a CICS API.

Code	Description	Action
0004 (Control information COMMAREA)	COMMAREA length is invalid.	Ensure that the COMMAREA length matches DSECT STDL62CA.
0008 (Control information COMMAREA)	Temporary Storage Queue Name is a reserved name.	Specify a different queue name in field L62TSQNM.

<b>Code</b>	<b>Description</b>	<b>Action</b>
000C (Control information COMMAREA)	Temporary Storage Queue Name is blank (X'40').	Specify a valid queue name in field L62TSQNM.
0010 (Control information COMMAREA)	Temporary Storage Queue Name is null (X'00').	Specify a valid queue name in field L62TSQNM.
0014 (Control information COMMAREA)	Temporary Storage Queue Item Number is out of range.	Ensure that field L62TSQIN contains a valid item number.
0018 (Control information COMMAREA)	Temporary Storage Queue Record Length is out of range.	Ensure that field L62TSQRL contains a valid record length.
001C (Control information COMMAREA)	Temporary Storage Queue Name unknown to CICS.	Specify a valid queue name in field L62TSQNM.
0020 (Control information COMMAREA)	Temporary Storage Queue Item Number does not exist within the queue.	Ensure that field L62TSQIN contains a valid item number.
0024 (Control information COMMAREA)	Unknown Temporary Storage I/O error.	Check the EIBFN and EIBRCODE fields in the Control information COMMAREA.
0028 (Control information COMMAREA)	Temporary storage record was not the length specified.	Ensure that field L62TSQRL contains a valid record length.
002C (Control information COMMAREA)	COMMAREA identifier indicates neither a Control information COMMAREA nor an Interface Parameter Structure (IPS) header.	Ensure that field L62CAID or field H00HDRID contains a valid identifier.
0030 (Control information COMMAREA)	The Temporary Storage write to return the Interface Parameter Structure (IPS) to the caller has failed.	Check the EIBFN and EIBRCODE fields in the Control information COMMAREA.
0034 (Control information COMMAREA)	The Interface Parameter Structure (IPS) header is not properly identified.	Ensure that the IPS header is identified as C\$H00.
0038 (Control information COMMAREA)	Header type in the Interface Parameter Structure (IPS) is neither full nor mini.	Ensure that a correct value is specified in field H00HTYPE in the IPS.
004C (Control information COMMAREA)	Unknown CICS error.	Check the return code and feedback in the Interface Parameter Structure (IPS).



# CICS ABEND Codes

When you receive an ABEND code, contact IBM Support for assistance, unless otherwise noted in the Description column.

ABEND codes that are not found in the following table and that use the format *Annn*, *Ennn*, *Fnnn*, *Gnnn*, *Innn*, *Onnn*, or *Unnn*, where *nnn* is a number between 001 and 999, indicate a mapping failure. If an ABEND returns one of these codes, contact IBM Support for assistance. The following table provides the code numbers and descriptions of problems that cause an ABEND.

Code	Description
ADR1	Requested function invalid.
ADR2	Resource type invalid.
ADR3	Resource ID (bit #) missing for deallocation request.
AIO1	Invalid FCT name.
AIO2	Invalid key fields.
AIO3	Record (buffer) address = zero.
AIO4	Record length = zero.
AIO5	Unexpected I/O error.
AIO6	A read 'INTO' for an ADD Model record has been completed. The record, last updated by a prior version, requires reformatting but the user supplied buffer is not large enough to provide the space needed.
AIO7	A read 'INTO' for an EXTRACT Model record has been completed. The record, last updated by a prior version, requires reformatting but the user-supplied buffer is not large enough to provide the space needed.
AIO8	A read 'INTO' for a User JCL Model record has been completed. The record, last updated by a prior version, requires reformatting but the user-supplied buffer is not large enough to provide the space needed.
AIO9	An unknown function code has been supplied to process SIAIOX.
A008	ECR Read failed in program CMA10 (process M14000I).

<b>Code</b>	<b>Description</b>
A009	ECR update failed in program CMA10 (process M14000I).
A026	Help record delete failed in program CMA10 (process M18000I).
A027	Help record missing in program CMA10 (process M18000I).
A028	Help record update failed in program CMA10 (process M18000I).
A029	Help record update failed in program CMA10 (process M18000I).
A030	Help record missing in program CMA10 (process M18000I).
A031	Help record update failed in program CMA10 (process M18000I).
A032	Administration write/update failed in program CMA10 (process M18100I).
A033	Administration write failed in program CMA10 (process M18100I).
A034	Administration update failed in program CMA10 (process M18100I).
A035	Administration read failed in program CMA10 (process M18100I).
A036	Administration update failed in program CMA10 (process M18100I).
A037	Administration read failed in program CMA10 (process M18100I).
A038	Administration update failed in program CMA10 (process M18100I).
A039	APPLID table full in program CMA10 (process AMCONNAD).
A040	CONN ID table full in program CMA10 (process AMCONNAD).
A041	Found CONN in AN table in program CMA10 (process AMCONNAD).
A042	Administration file read failed in program CMA10 (process AMCONNDL).
A043	Administration file delete failed in program CMA10 (process AMCONNDL).
A044	Administration file read for a prior HELP text record failed in program CMA10 (process M18100I).
A045	Administration file rewrite for a prior HELP text record failed in program CMA10 (process M18100I).
A046	Administration file read for a HELP text record to be deleted failed in program CMA10 (process M18100I).
B001	Invalid input mapset in program CMIMSC (process PREBNML).
B002	Invalid input map in program CMIMSC (process PREBNML).
CBD1	Input length is invalid.
CBD2	Input field address missing.
CBD3	Output length is invalid.
CBD4	Output field address missing.
CBH1	Input length is invalid.

<b>Code</b>	<b>Description</b>
CBH2	Input field address missing.
CBH3	Output length is invalid.
CBH4	Output field address missing.
CCP1	Request function is invalid.
CCP2	Specified row is invalid.
CCP3	Specified column is invalid.
CCP4	Calculated row is invalid.
CDB1	Input length is invalid.
CDB2	Input field address missing.
CDB3	Output length is invalid.
CDB4	Output field address missing.
CHB1	Input length is invalid.
CHB2	Input field address missing.
CHB3	Output length is invalid.
CHB4	Output field address missing.
CM01	Working storage stack overflow.
CM02	Director module address = 0.
CM03	Service routines address = 0.
CM04	Process routine address = 0.
CM05	Invalid stack pointer.
CNC1	Output length is either less than 3 or greater than 8.
CNC2	Supplied numeric value is too large to code and display in the specified output length.
C001	Invalid input mapset in program CMIMSC (process PRECNML).
C002	Invalid input map in program CMIMSC (process PRECNML).
DAT1	Request function is invalid.
DAT2	CICS "ASKTIME" failed.
DAT3	CICS "FORMATTIME" failed.
DEQ1	Length is less than 1 or greater than 255.
DEQ2	Resource ID address missing.
DRCA	Invalid return code from SIMDR.

<b>Code</b>	<b>Description</b>
DRCB	Administration file D: record read error.
DRCC	Administration file D: record rewrite error.
DRC1	This task not started with data.
DRC2	"RETRIEVE" start data failed.
DRC3	Start data is not "IPS".
DRC4	No trailer data present.
DRC5	Incomplete trailer data retrieved.
DRC6	Not Sterling Connect:Enterprise Response data.
DRC7	Undefined response type.
DRC8	System control table full.
DRC9	No message queue records available.
D001	Invalid input mapset in program CMIMSC (process PREDNML).
D002	Invalid input map in program CMIMSC (process PREDNML).
ENQ1	Length is less than 1 or greater than 255.
ENQ2	Resource ID address missing.
ENQ3	Expand enqueue flag capacity.
E001	Invalid input mapset in program CMIMSC (process PREENML).
E002	Invalid input map in program CMIMSC (process PREENML).
Ennn	Map Store/Merge failure.
FHP1	Map set name is invalid.
FHP2	Map name is invalid.
FHP3	Cursor position is invalid.
FHP4	Administration file I/O error.
F001	Invalid input mapset in program CMIMSC (process PREFNML).
F002	Invalid input map in program CMIMSC (process PREFNML).
Fnnn	Map Store/Merge failure.
G001	Invalid input mapset in program CMIMSC (process PREGNML).
G002	Invalid input map in program CMIMSC (process PREGNML).
Gnnn	Map Store/Merge failure.
ITEA	Unacceptable administration file error.

<b>Code</b>	<b>Description</b>
ITEB	APPLID/NAME table overflow.
ITEC	Conversation ID table overflow.
ITED	Duplicate symbolic name.
ITE1	Initialize queue I/O area too small.
ITE2	ASSIGN failed; check EIBRCODE.
ITE3	Unacceptable administration file error.
ITE4	Initialization queue already exists.
I008	No hit in user table in program CMI00 (process M60000I).
Innn	Map Store/Merge Failure
I026	Message record read failed in program CMIMSC (process IMDELAY).
I027	Message record update failed in program CMIMSC (process IMDELAY).
I028	Invalid navigation vector in program CMIMSC (process A10ML).
I029	Invalid input map set in program CMIMSC (process A10ML).
I030	Invalid input map in program CMIMSC (process A10ML).
I031	Invalid navigation vector in program CMIMSC (process U2NML).
I032	Invalid input map set in program CMIMSC (process U2NML).
I033	Invalid input map in program CMIMSC (process U2NML).
I034	Invalid navigation vector in program CMIMSC (process O3NML).
I035	Invalid input map set in program CMIMSC (process O3NML).
I036	Invalid input map in program CMIMSC (process O3NML).
I037	Link to interface failed in program CMIMSC (process IMSTREQ).
I038	User stack exceeded in program CMI00 (process M50000I).
I039	Generic map set name can not be determined from map name in program CMI00 (process IMHELP).
I040	<p>Sterling Connect:Enterprise returned a version code that is not the same as it returned previously. This error was detected by program CMIMSC (process IMSTREQ). One possible cause is that the Sterling Connect:Enterprise was cancelled and restarted using a different version.</p> <p>If your Sterling Connect:Enterprise was recycled, use panel 5.0 to signon to the new Sterling Connect:Enterprise. If your Sterling Connect:Enterprise was not recycled, call IBM Support.</p>
KEY1	Request function is invalid.
KEY2	Formatting work area is too short.

<b>Code</b>	<b>Description</b>
KEY3	PFKEYS display is too long.
LP01	Process ID number invalid.
LP02	Program LOAD failed.
LP03	Program RELEASE failed.
L62A	Flow control flag incorrect.
L62B	Conversation number not found during 'FREE CONV' process.
L62C	Conversation sharing not supported. 'Use' count in CONVID table is greater than 1.
L62D	Saved EIBRECV = "Receive Again" & system state / flow control is not equal 'RECV'.
L62E	Invalid return code from 'ML62SND'.
L62F	Invalid return code from 'ML62RCV'.
L62G	Invalid return code from 'ML62EUS'.
L62H	Invalid return code from 'ML62ESS'.
L62I	Indicators conflict (Datalen=0; Buffer overflow: Case #1.)
L62J	Indicators conflict (Datalen=0; Buffer overflow: Case #3.)
L62K	Indicators conflict (Datalen=0; Buffer overflow: Case #3.)
L62L	Indicators conflict (Datalen=0; Buffer overflow: Case #4.)
L62M	Indicators conflict (Datalen=0; Buffer overflow: Case #5.)
L62N	Indicators conflict (Datalen=0; Buffer overflow: Case #6.)
L62O	Indicators conflict (Conversation deallocated; more data to receive).
L62P	Sterling Connect:Enterprise allocated and no data received.
L621	Cannot be terminal initiated.
L622	Cannot be started by another task.
L623	No COMMAREA supplied in LINK.
L624	COMMAREA length is invalid.
L625	Conversation number found in system control tables during 'ALLOC' process.
L626	Invalid return code from 'ML62ALC'.
L627	We were ISSUE ERROR race loser.
L628	Bad return code from SIMAT.
L629	LU6.2 STATE flag is incorrect.
MAT1	Request function is invalid.

<b>Code</b>	<b>Description</b>
MAT2	Owner entry address invalid.
MBM1	Request function is invalid.
MBM2	Bit map address is zero.
MBM3	Bit map length is less than 1 or greater than 32767.
MBM4	Bit # is 0 or >(bitmap length*8).
MDRA	Read error on 'next' chained rec during compression.
MDRB	Read error on 'prior' record to update from bfr #1 during cmprs.
MDRC	Read error on 'allocated' record during initialize/format.
MDRD	Rewrite err on 'allocated' rec during initialize/format.
MDR1	Request function is invalid.
MDR2	Read error on first (or only) record.
MDR3	Rewrite err during compress. First (or only) or previous if chained.
MDR4	Chained rec compress failed. First record not full; messages in second record.
MDR5	Record keys do not match during attempt to update prior record.
MDR6	Record lengths do not match during attempt to update prior record.
MDR7	Process is completed and ending record is not marked 'last'.
MDR8	Read error on 'curr last' record during chaining 'new' last rec.
MDR9	Rewrite err on 'prev last' rec during chaining 'new' last rec.
MLR1	Invalid return code value.
MLT1	Request function is invalid.
MLT2	Active user table is full.
MMSA	VSAM rec key blank or X'00'.
MMSB	Map set name is blank.
MMSC	Map length is X'00'.
MMSD	VSAM rec set name ne map stack.
MMSE	VSAM rec map length ne map stack.
MMS1	Request function invalid.
MMS2	Map name is blank or X'00'.
MMS3	Owning proc name blank or X'00'.
MMS4	Map stack is full.

<b>Code</b>	<b>Description</b>
MMS5	Invalid map stack pointer.
MMS6	VSAM I/O error.
MMS7	VSAM rec proc name ne map stack.
MMS8	VSAM rec proc ID # ne map stack.
MMS9	VSAM rec map name ne map stack.
MSIA	VSAM I/O error; see "WSAFESB".
MSIB	Map set name is blank.
MSIC	Map area attribute byte not zero.
MSI1	Invalid request function.
MSI2	Map name invalid (blank or X'00').
MSI3	Process name invalid (blank/X'00').
MSI4	Length = 0.
MSI5	"From" address = 0.
MSI6	"Merge" address = 0.
MSI7	"To" address = 0.
MSI8	Length greater than VSAM record length.
MSI9	All VSAM records are allocated.
O101	Map to file failed in program CMO30 (process M300000).
O703	Memory enqueue failed in program CMO33 (process M331000).
O708	Memory enqueue failed in program CMO33 (process M332000).
O714	Memory enqueue failed in program CMO333 (process M333000).
O721	Sterling Connect:Enterprise inquiry failed in program CMO333 (process M33311I).
O722	List 'COPY' failed in program CMO333 (process M33311I).
O723	Sterling Connect:Enterprise inquiry failed in program CMO333 (process M33311I).
O724	List 'ADD' failed in program CMO333 (process M33311I).
O727	Sterling Connect:Enterprise inquiry failed in program CMO333 (process M33312I).
O728	List 'COPY' failed in program CMO333 (process M33312I).
O729	Sterling Connect:Enterprise inquiry failed in program CMO333 (process M33312I).
O730	List 'ADD' failed in program CMO333 (process M33312I).
O742	Memory enqueue failed in program CMO334 (processM334000).



<b>Code</b>	<b>Description</b>
O750	Memory enqueue failed in program CMO334 (process M335000).
O755	Memory enqueue failed in program CMO334 (process M336000).
O785	Memory enqueue failed in program CMO337 (process M337000).
RSM1	Function request invalid.
RSM2	Translate type invalid.
RSM3	Map name is blank or X'00'.
RSM4	'Into' address = 0.
RSM5	'From' area = 0.
RSM6	'From' length = 0.
SCP1	Request function is invalid.
SCP2	Getmain length is invalid.
SCP3	Getmain operation failed.
SCP4	Freemain address is invalid.
SCP5	Freemain operation failed.
SSM1	Device control request invalid.
SSM2	Map address is zero.
SSM3	Map length is zero.
SSM4	Map name is blank or X'00'.
SSM5	Absolute cursor position greater than 1919.
TIM0	CICS profile parameter RTIMOUT interval expired.
TSQ1	Reserved queue name used.
TSQ2	Queue name is blanks (X'40').
TSQ3	Queue name is nulls (X'00').
TSQ4	Invalid item number.
TSQ5	Invalid storage address.
TSQ6	Invalid record length.
TSQ7	Invalid error handling flag.
TSQ8	Unexpected I/O error.
TSU1	Service routines program LOAD failed.
TSU2	TSQ READ failed (not QIDERROR).

<b>Code</b>	<b>Description</b>
TSU3	Common storage stamp invalid.
TSU4	Process SITE failed to complete.
TSU5	TSQ record length not equal DSECT length.
TSU6	TSQ initialize queue stamp invalid.
TSU7	Authorization denied. Serial number not allowed to execute transaction.
TSU8	Program release is incomplete.
TSU9	System inactivated, ABEND required.
TSUA	System inactivated, TERMINATE required. Task issuing ABEND is not terminal attached.
TSUB	Evaluation Date expired, TERMINATE required. Task issuing ABEND is not terminal attached.
TSUC	Serial number encryption failed.
TSUD	Serial number not located through the 'PCCA'.
TSUE	Override Date encryption failed.
TSUF	System program 'LOAD' failed. Verify all Sterling Connect:Enterprise CICS programs are available in a Load Library defined by DFHRPL in the CICS start-up JCL. If this condition persists, call IBM Support for assistance.
TSUG	Serial number not located via the 'PCCA'. Verify all Sterling Connect:Enterprise CICS mapsets are available in a Load Library defined by DFHRPL in the CICS start-up JCL. If this condition persists, call IBM Support for assistance.
TSUH	The name of the executing program has been generated incorrectly. The name (less system prefix) does not match required name entry.
TSUI	Program CM62002 (CM prefix subject to renaming) is currently executing but it was not initiated by a EXEC CICS LINK command. The only valid method to initiate CM62002 is by a LINK from another CICS program. Determine why this program is executing and correct the procedure that caused its initiation.
TSUJ	Program CM62001 (CM prefix subject to renaming) is currently executing but it was not initiated by a EXEC CICS LINK command or by an LU6.2ALLOCATE command from Sterling Connect:Enterprise. CM62001 can be initiated only by an ALLOCATE command from Sterling Connect:Enterprise or by a LINK from another CICS program. Determine why this program is executing and correct the procedure that caused its initiation.

Code	Description
TSUK	The transaction ID (PCT name / CEDA Transaction) for this program is incorrectly defined. Refer to the CICS installation chapter in the <i>IBM Sterling Connect:Enterprise for z/OS Installation Guide</i> to determine the required CICS definitions. Implement required corrections.
TSUL	Program CMDR001 (CM prefix subject to renaming) is currently executing but it was not initiated by a START command from CM62001. CMDR001 is initiated by CM62001 to process delayed response messages from Sterling Connect:Enterprise. Determine why this program is executing and correct the procedure that caused its initiation.
TSUM	Program CMI00 (CM prefix subject to renaming) is currently executing but it is not associated with a terminal. CMI00 is a terminal application program. Determine why this program is executing without an associated terminal and correct the procedure that caused it to be started as a non-terminal task.
TSUN	Program name (&PGMID) unknown.
TSUO	Program CM62001 (CM prefix subject to renaming) is currently executing after being initiated from a terminal. CM62001 can not be initiated from a terminal. It can be initiated only by a LINK from another CICS program or by an ALLOCATE command from Sterling Connect:Enterprise.
TSUP	Transaction start-up request function is invalid.
TSUQ	Transaction start-up error. Trying to load CMSRVRTN multiple times most likely because CICS Temporary Storage Queue CMCMCIQ has been manually deleted. Run transaction CMRE with keyword RESET to release CMSRVRTN, then next execution of CMIM or API will recreate TSQ CMCMCIQ. Investigate what happened to CMCMCIQ TSQ and correct to prevent future TSUQ abends.
UI01	CM62002 was not started via a "LINK".
UI02	No COMMAREA was supplied with call to CM62002.
UI03	COMMAREA supplied with call to CM62002 has invalid length.
Unnn	Map Store/Merge failure.
U206	Read for update failed in program CMU23 (process M23010I).
U207	Delete failed in program CMU23 (process M23010I).
U210	Write ADD Model record X'00' failed in program CMU23 (process UMADDPF3).
U228	Model store failed in program CMU232 (process M23200I).
U229	Model update failed in program CMU232 (process M23200I).
U233	Model store failed in program CMU232 (process M23300I).
U234	Model update failed in program CMU232 (process M23300I).

<b>Code</b>	<b>Description</b>
U239	Model store failed in program CMU232 (process M23310I).
U240	Model update failed in program CMU232 (process M23310I).
U243	Model store failed in program CMU232 (process M23320I).
U244	Model update failed in program CMU232 (process M23320I).
U247	Model store failed in program CMU232 (process M23400I).
U248	Model update failed in program CMU232 (process M23400I).
U254	UJCL model read failed in program CMU24 (process M24101O).
U255	Map merge failed in program CMU24 (process M24101I).
U256	Map store failed in program CMU24 (process M24101I).
U257	Map store failed in program CMU24 (process M24101I).
U258	Map to file failed in program CMU24 (process M24102O).
U259	ADD model read failed in program CMU24 (process M24102O).
U283	Return code from process UMADDPF3 (in program CMU23) that was received by process M23100I is not a valid value.
U284	Return code from process UMADDPF3 (in program CMU23) that was received by process M23101I is not a valid value.
U286	Read ADD Model record X'02' for update failed in program CMU23 (process M23010I).
U287	Delete ADD Model record X'02' failed in program CMU23 (process M23010I).
U288	Read ADD Model record X'01' for update failed in program CMU23 (process M23010I).
U289	Delete ADD Model record X'01' failed in program CMU23 (process M23010I).
U290	Write ADD Model record X'02' failed in program CMU23 (process UMADDPF3).
U291	Write ADD Model record X'01' failed in program CMU23 (process UMADDPF3).
U292	Rewrite ADD Model record X'02' failed in program CMU23 (process UMADDPF3).
U293	Rewrite ADD Model record X'01' failed in program CMU23 (process UMADDPF3).
U294	Write ADD Model record X'02' failed in program CMU23 (process UMADDPF3).
U295	Write ADD Model record X'01' failed in program CMU23 (process UMADDPF3).
U296	Write ADD Model record X'00' failed in program CMU23 (process UMADDPF3).
U297	Return code from process UMADDPF3 (in program CMU23) that was received by process M23111I is not a valid value.
U298	Return code from process UMADDPF3 (in program CMU23) that was received by process M23112I is not a valid value.

Code	Description
U299	Return code from process UMADDPF3 (in program CMU23) that was received by process M23120I is not a valid value.
U300	Return code from process UMEXTPF3 (in program CMU232) that was received by process M23300I is not a valid value.
U301	Write EXTR Model record X'00' failed in program CMU232 (process UMEXTPF3).
U302	Rewrite EXTR Model record X'00' failed in program CMU232 (process UMEXTPF3).
U305	Return code from process UMEXTPF3 (in program CMU232) that was received by process M23301I is not a valid value.
U309	Return code from process UMEXTPF3 (in program CMU232) that was received by process M23302I is not a valid value.
U311	Return code from process UMEXTPF3 (in program CMU232) that was received by process M23310I is not a valid value.
U312	Return code from process UMEXTPF3 (in program CMU232) that was received by process M23320I is not a valid value.
U314	ADD model read failed in program CMU24 (process M24103O).
VRM1	Request function is invalid.
VRM2	Version Release Modification code supplied in the process attach parameters is not B, C, or D.
VRM3	Version Release Modification code returned from system common storage lookup is not B, C, or D.
WAI1	GETMAIN operation failed.
WAI2	INQUIRE PROGRAM operation failed.
WAI3	LOAD PROGRAM operation failed
WAI4	RELEASE PROGRAM operation failed.
WAI5	Executing program name could not be determined. The system prefix is therefore unknown. Processing cannot continue.
WAI6	FREEMAIN operation failed.
WAI7	The LINK to program DFHEMTA has failed. Start-up cannot determine the system prefix. Processing can not continue.
WAI8	The LINK to program DFHEMTA has failed due to an authorization error. The definition for program DFHEMTA (in CEDA) should be copied into a user group and the Resource Security level key changed to PUBLIC. Do not modify the IBM supplied group. Refer to the <i>IBM Sterling Connect:Enterprise for z/OS Installation Guide</i> for more information.



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# ISPF ABEND Codes

This chapter describes ABEND codes that may be produced during execution of Sterling Connect:Enterprise and the ISPF user interface. The codes may be preceded by CMBnnn messages that further define the error condition. When you receive one of these ABEND codes, collect the dump output and contact IBM Support for assistance, unless otherwise noted in the **Description** column.

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<b>Code</b>	<b>Description</b>
U100	An internal error was detected during control statement processing by module STMC67.
U101	An internal error was detected during wildcard argument processing by module STSP11.
U174	A fatal error was detected in the SYSLOG modify routines in module STMC01 or STCC04.
U253	An internal error was detected during Sterling Connect:Enterprise execution. This ABEND is usually accompanied by message CMB253 or CMB254 that further defines the error. This ABEND is always produced when VFYDEBUG=YES is specified in the step parameter data.
U499	This ABEND is produced by the Process Router, Command Processor, Rules Processor or APPC tasks when they encounter a condition that prevents further execution. The ABEND is preceded by a descriptive message when possible. A failure of the Processor Router or APPC task disables all user interface, ICO and CSC access to Sterling Connect:Enterprise.
U540	This ABEND occurs in the ISPF user interface address space. An invalid IPS was formatted that is missing the SRB stamp.
U541	This ABEND occurs in the ISPF user interface address space. An invalid IPS was formatted that is missing the C\$H00 header.
U542	This ABEND occurs in the ISPF user interface address space. The BT kernel failed to return a valid SCB address.
U543	A2C_CALL to BT kernel subroutine failed. Review subroutine and return code in snapout file for the reason the APPC task failed. Contact Customer Support..
U544	A2C_CALL tp BTTKSEC (TskSemEcb) subroutine failed. Contact Customer Support.
U801	An error was returned from the OS/390 Name/Token Callable Services routines. Sterling Connect:Enterprise uses this service to store and retrieve the addresses of system control blocks.

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<b>Code</b>	<b>Description</b>
U802	Initialization of the SAS C environment for a task failed because the maximum number of tasks that can concurrently use the SAS C kernel services are active. The main task, the Process Router task, the APPC task, and each of the command and rules processors and each FTP thread use C kernel services. The combined total of these tasks cannot exceed 1024.  If the number of tasks specified does not exceed 1024, collect the dump output and contact IBM Support.

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