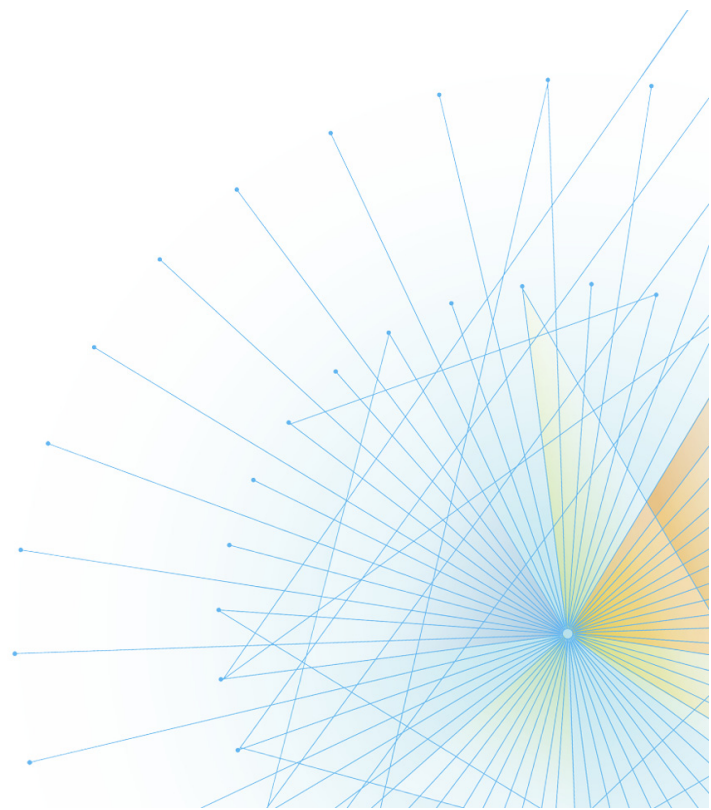




| The Mainframe Software Partner For The Next 50 Years

Topaz Workbench Messages and Codes

Release 18.02



Please direct questions about Topaz Workbench
or comments on this document to:

Compuware Customer Support

<https://go.compuware.com/>

This document and the product referenced in it are subject to the following legends:

Copyright 2017 Compuware Corporation. All rights reserved. Unpublished rights reserved under the Copyright Laws of the United States.

U.S. GOVERNMENT RIGHTS-Use, duplication, or disclosure by the U.S. Government is subject to restrictions as set forth in Compuware Corporation license agreement and as provided in DFARS 227.7202-1(a) and 227.7202-3(a) (1995), DFARS 252.227-7013(c)(1)(ii) (OCT 1988), FAR 12.212(a) (1995), FAR 52.227-19, or FAR 52.227-14 (ALT III), as applicable. Compuware Corporation.

This product contains confidential information and trade secrets of Compuware Corporation. Use, disclosure, or reproduction is prohibited without the prior express written permission of Compuware Corporation. Access is limited to authorized users. Use of this product is subject to the terms and conditions of the user's License Agreement with Compuware Corporation.2017

Abend-AID, Abend-AID/Common, Abend-AID Fault Analytics, Abend-AID for CICS, Code Coverage/Eclipse, Compuware Shared Services, Data Privacy Server, DevEnterprise, DBA-Xpert for DB2, File-AID/Common Components, File-AID Data Editor, File-AID Data Privacy, File-AID/Data Solutions, File-AID/Eclipse, File-AID/EX, File-AID/IMS, File-AID/MVS, File-AID Rules Engine, File-AID Search/Update, Hiperstation, File-AID Services, Hiperstation/Eclipse, Host Communications Interface, Host Explorer, iStrobe, License Management System, Strobe, Topaz, Topaz Workbench, Xpediter, Xpediter/Code Coverage, Xpediter/CICS, Xpediter/Eclipse, Xpediter/Xchange, Xpediter/TSO and IMS are trademarks or registered trademarks of Compuware Corporation.

IBM, CICS, DB2, and MVS/ESA are trademarks or registered trademarks of International Business Machines Corporation®.

CA Endeavor and CA Endeavor Software Change Manager are trademarks or registered trademarks of CA Technologies®.

SlickEdit, Visual SlickEdit, Clipboard Inheritance, DIFFzilla, SmartPaste, Context Tagging, Slick-C, and Code Quick | Think Slick are registered trademarks of SlickEdit™ Inc.

Adobe® Reader® is a trademark of Adobe Systems Incorporated in the United States and/or other countries.

All other company and product names are trademarks or registered trademarks of their respective owners.

Table of Contents

Contents

Chapter 1. Topaz Workbench Messages and Codes	1-1
Return Codes	1-1
Messages	1-74

Topaz Workbench Messages and Codes

A number of return and reason codes can be issued by the TP during use of Topaz Workbench. In most cases these codes reflect a user error, such as an invalid password or some other invalid specification. Sometimes however, the cause of the error is more severe and may indicate a configuration issue or internal error.

Whenever a return code is issued, there will be an associated reason code. The return code is always a decimal number and denotes the area of the TP that is reporting the failure. For example, return code 8 is a security error (having to do with user IDs and passwords), and return code 164 is a VTAM Open error.

The reason codes that are reported as a result of any return code are simply the system return code from the function that was requested. For example, in the case of return code 164 (the VTAM Open error), the reason code value is the return code from the OPEN macro. Therefore, by referencing the appropriate documentation for that function or macro you will be able to locate the return code from that function and determine what action to take.

Below is a list of all of the return codes that could be issued by the TP. When the associated reason code is related to a system function, the appropriate documentation reference will be stated. In a few cases, the reason codes are internal to the TP. For these reason codes the causes will be listed here.

Return Codes

RC=0

Reason=X'00000000'

Meaning: The function requested was successfully processed.

Action: None

Reference: None

RC=4

Reason=X'rrrrrrrr'

Meaning: Errors occurred while parsing the Xpediter/Eclipse TP configuration file.

Action: Refer to the HCI's message log (JESMSGLOG) to see related error messages describing the records in the configuration file that are in error. For reason=4, the portions of the configuration file that were not in error were successfully processed however.

Reason Code		Meaning
Dec	Hex	
4	00000004	Errors parsing configuration file.
8	00000008	Could not open configuration file. Possible missing TPCONFIG DD statement in the HCI jobstream.

Reference: None

RC=8

Reason=X'rrrrrrrr'

Meaning: User security could not be established when attempting to sign-on from Xpediter/Eclipse to the mainframe.

Action: Retry the sign-on attempt after correcting the cause identified in the reason code:

Reason Code		Meaning
Dec	Hex	
1	00000001	Password not correct.
2	00000002	Password expired.
3	00000003	New password invalid.
4	00000004	User ID expired.
5	00000005	User ID not recognized.
6	00000006	User ID revoked.
7	00000007	Group not recognized.
8	00000008	User ID not valid for group.
9	00000009	User ID revoked from group.
10	0000000A	Unspecified error returned from HCI CW_SLSE.

Reference: None.

RC=12

Reason=X'rrrrrrrr'

Meaning: Internal call to CW_FARE failed.

Action: This is an internal error. Contact Compuware Customer Support and provide the reason code.

Reference: None

RC=16

Reason=X'rrrrrrrr'

Meaning: Internal call to CW_FARE failed.

Action: This is an internal error. Contact Compuware Customer Support and provide the reason code.

Reference: None

RC=20

Reason=X'rrrrrrrr'

Meaning: Load failed for an entry point.

Action: This is an internal error. Contact Compuware Customer Support and provide the reason code.

Reference: None

RC=24

Reason=X'rrrrrrrr'

Meaning: Internal call to CW_RNU failed.

Action: This is an internal error. Contact Compuware Customer Support and provide the reason code.

Reference: None

RC=28

Reason=X'rrrrrrrr'

Meaning: Internal call to CW_RNU failed.

Action: This is an internal error. Contact Compuware Customer Support and provide the reason code.

Reference: None

RC=32

Reason=X'rrrrrrrr'

Meaning: Internal call to CW_SGD failed.

Action: This is an internal error. Contact Compuware Customer Support and provide the reason code.

Reference: None

RC=36

Reason=X'rrrrrrrr'

Meaning: Internal call to CW_SGD failed.

Action: This is an internal error. Contact Compuware Customer Support and provide the reason code.

Reference: None

RC=40

Reason=X'rrrrrrrr'

Meaning: Internal call to CW_ACC failed.

Action: This is an internal error. Contact Compuware Customer Support and provide the reason code.

Reference: None

RC=44

Reason=X'rrrrrrrr'

Meaning: Internal call to CW_ACC failed.

Action: This is an internal error. Contact Compuware Customer Support and provide the reason code.

Reference: None

RC=48

Reason=X'rrrrrrrr'

Meaning: Internal call to CW_UNR failed.

Action: This is an internal error. Contact Compuware Customer Support and provide the reason code.

Reference: None

RC=52

Reason=X'rrrrrrrr'

Meaning: Internal call to CW_UNR failed.

Action: This is an internal error. Contact Compuware Customer Support and provide the reason code.

Reference: None

RC=56

Reason=X'rrrrrrrr'

Meaning: Internal call to CW_DDE failed.

Action: This is an internal error. Contact Compuware Customer Support and provide the reason code.

Reference: None

RC=60

Reason=X'rrrrrrrr'

Meaning: Internal call to CW_DDE failed.

Action: This is an internal error. Contact Compuware Customer Support and provide the reason code.

Reference: None

RC=64

Reason=X'rrrrrrrr'

Meaning: Error occurred trying to receive data from Xpediter/Eclipse. This error can occur frequently and could be caused by a lost connection, or by the user turning off the workstation or abnormally exiting Eclipse.

Action: Reconnect and retry your session. If the error persists, contact Compuware Customer Support and provide the reason code.

Reference: None

RC=68

Reason=X'rrrrrrrr'

Meaning: Error occurred trying to receive data from Xpediter/Eclipse. This error can occur frequently and could be caused by a lost connection, user turned off workstation or exited Eclipse.

Action: Reconnect and retry your session. If the error persists, contact Compuware Customer Support and provide the reason code.

Reference: None

RC=72

Reason=X'rrrrrrrr'

Meaning: No data was received. This error occurred trying to receive data from Xpediter/Eclipse. This error can occur frequently and could be caused by a lost connection, user turned off workstation or exited Eclipse.

Action: Reconnect and retry your session. If the error persists, contact Compuware Customer Support and provide the reason code.

Reference: None

RC=76

Reason=X'rrrrrrrr'

Meaning: Internal call to CW_CFMD failed.

Action: This is an internal error. Contact Compuware Customer Support and provide the reason code.

Reference: None

RC=80

Reason=X'00000000'

Meaning: Incomplete data received. The buffer used to receive data has overflowed.

Action: This is an internal error. If it persists, contact Compuware Customer Support.

Reference: None

RC=84

Reason=X'00000000'

Meaning: The CICS system connection name that was selected in the connection dialog box of Xpediter/Eclipse was not found in the TP configuration file.

Action: This is an internal error. Contact Compuware Customer Support and provide the reason code.

Reference: None

RC=88

Reason=X'00000000'

Meaning: The port number specified in the configuration file is not numeric.

Action: The port numbers in the configuration file must be numeric and one to five digits in length. Correct the error and refresh the configuration file or restart the HCI and retry the connection.

Reference: None

RC=92

Reason=X'00000000'

Meaning: The TSO system connection name that was selected in the connection dialog box of Xpediter/Eclipse was not found in the TP configuration file.

Action: This is an internal error. Contact Compuware Customer Support and provide the reason code.

Reference: None

RC=96

Reason=X'00000000'

Meaning: The site-specific (customer-supplied) job submission exit routine (CXTXSUBX) has denied the submit request.

Action: Contact your system installer to determine why the site-specific exit routine has denied the submission request.

Reference: None

RC=100

Reason=X'rrrrrrrr'

Meaning: Internal call to CW_SLS failed.

Action: This is an internal error. Contact Compuware Customer Support and provide the reason code.

Reference: None

RC=104

Reason=X'rrrrrrrr'

Meaning: Internal load failed for CW_FARE.

Action: This is an internal error. Contact Compuware Customer Support and provide the reason code.

Reference: None

RC=108

Reason=X'eeeeiiii'

Meaning: During the submission of a job stream, dynamic allocation failed for the internal reader.

Action: This is a dynamic allocation failure. Look up the reason code in the reference manual below to determine the action.

Reference: z/OS MVS Authorized Assembler Services Guide SA22-7608. Chapter 25 "Dynamic Allocation". The reason code is two parts: eeee is the S99ERROR value, and iiii is the S99INFO value.

RC=112

Reason=X'00000000'

Meaning: A job was submitted from a dataset, but the dataset name specified contained blanks.

Action: Verify that the dataset name was correctly selected. If the error persists, this is probably an internal error. Contact Compuware Customer Support.

Reference: None

RC=116

Reason=X'eeeeiiii'

Meaning: During the submission of a job stream, dynamic allocation failed for the selected user dataset containing the job stream.

Action: This is a dynamic allocation failure. Look up the reason code in the reference manual below to determine the action.

Reference: z/OS MVS Authorized Assembler Services Guide SA22-7608. Chapter 25 "Dynamic Allocation". The reason code is two parts: eeee is the S99ERROR value, and iiii is the S99INFO value. Commonly received reason codes:

0278 0000 - The dataset was migrated. Recall the dataset and retry.

1708 0002 - The dataset does not exist. Specify a different dataset.

RC=120

Reason=X'rrrrrrrr'

Meaning: During job submission, an OPEN macro failed trying to open the user specified dataset.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS DFSMS Macro Instructions for Datasets SC26-7408. Part 2 Non-VSAM Macro Instructions. Refer to the OPEN macro and its list of return codes. The reason code rrrrrrrr is the OPEN return code.

RC=124

Reason=X'rrrrrrrr'

Meaning: During job submission, an OPEN macro failed trying to open the internal reader.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS DFSMS Macro Instructions for Datasets SC26-7408. Part 2 Non-VSAM Macro Instructions. Refer to the OPEN macro and its list of return codes. The reason code rrrrrrrr is the OPEN return code.

RC=128

Reason=X'ccccrrrr'

Meaning: An abend occurred during the execution of the TP.

Action: Some abends are caused by user actions (see Reference, below). Other abends could be internal errors. If the abend code is not listed below, it is a probable internal error. Contact Compuware Customer Support and provide the reason code. For abends listed below, take the action indicated.

Reference: z/OS MVS System Codes SA22-7626. The reason code is in two parts: cccc is the abend completion code supplied by the system, and rrrr is the abend reason code also supplied by the system. Typical reason codes are:

0013 0018 - Abend S013-18 Dataset member is not found

0001 0004 - Abend S001-4 You attempted to list the members of a non-partitioned dataset

0001 0001 - Abend S001-1 General I/O error processing a dataset

0913 0038 - Abend S913-38 You do not have authority to access this dataset.

RC=132

Reason=X'rrrrrrrr'

Meaning: When attempting to initiate a connection with CICS, the INITAPI macro failed.

Action: Probable internal error. However, in some cases you may be able to correct the error by looking up the cause. Otherwise, contact Compuware Customer Support and provide the reason code.

Reference: z/OS Communications Server IP Sockets Application Programming Guide and Reference SC31-8788. Appendix B, Return Codes. The reason code rrrrrrrr is the ERRNO value from the macro instruction.

RC=136

Reason=X'rrrrrrrr'

Meaning: When attempting to initiate a connection with CICS, the SOCKET macro failed.

Action: Probable internal error. However, in some cases you may be able to correct the error by looking up the cause. Otherwise, contact Compuware Customer Support and provide the reason code.

Reference: z/OS Communications Server IP Sockets Application Programming Guide and Reference SC31-8788. Appendix B, Return Codes. The reason code rrrrrrrr is the ERRNO value from the macro instruction.

RC=140

Reason=X'rrrrrrrr'

Meaning: When attempting to initiate a connection with CICS, the CONNECT macro failed.

Action: The likely cause of this return code is that the CICS region you are attempting to connect with is not active.

Reference: z/OS Communications Server IP Sockets Application Programming Guide and Reference SC31-8788. Appendix B, Return Codes. The reason code rrrrrrr is the ERRNO value from the macro instruction. Common reason codes:

0000003D - (decimal ERRNO 61) The CICS region is not active or not accepting connections.

RC=144

Reason=X'rrrrrrr'

Meaning: Internal call to CW_SEND failed.

Action: This is an internal error. Contact Compuware Customer Support and provide the reason code.

Reference: None

RC=160

Reason=X'rrrrrrr'

Meaning: An error occurred during the parsing of the data received from Xpediter/Eclipse.

Action: This is an internal error. Contact Compuware Customer Support and provide the reason code.

Reference: None

RC=164

Reason=X'rrrrrrr'

Meaning: While trying to initiate a debugging session with Xpediter/TSO, an error occurred opening the VTAM ACB.

Action: Probable specification error of VTAM APPL definitions. Several possible causes exist:

"APPL definition not defined

"APPL not specified in the TP configuration file

"APPL in use by another application

"APPL requires a password (no APPL password support existing in Xpediter/Eclipse)

"APPL access restricted by local security rules

Look up the reason code in the reference below to determine the cause. If the cause cannot be corrected locally, contact Compuware Customer Support and provide the reason code. Common reason codes and their meanings:

00000014 - Insufficient storage to open the ACB

00000024 - User is not authorized to use the APPL

00000052 - VTAM is shutting down

00000058 - The APPL is already in use by another program or user

0000005A - The APPL was not defined to VTAM

Reference: IBM's *z/OS Communications Server SNA Programming* (see Chapter 13, "Conventions and Descriptions of VTAM macroinstructions"). After the description of the OPEN macro a list of possible return codes is listed. The reason code rrrrrrr is the OPEN return code.

RC=168

Reason=X'00000000'

Meaning: While connected to TSO, TSO has terminated. The TSO session may have abended or was canceled by the system operator, or has timed out (wait time limit exceeded).

Action: Review the system log to determine the reason that your TSO session may have terminated.

Reference: None

RC=172

Reason=X'00000000'

Meaning: When attempting to connect to TSO, it was determined that the user was already logged on to a TSO session via another connection or terminal.

Action: Choose a different TSO user ID for the connection, or log off of the active TSO session.

Reference: None

RC=176

Reason=X'00000000'

Meaning: When attempting to connect to TSO, system security rejected the user's password.

Action: Specify the correct password and retry the connection.

Reference: None

RC=180

Reason=X'00000000'

Meaning: When attempting to connect to TSO, system security rejected the user's user ID. The user ID has been revoked due to excessive invalid logon attempts.

Action: Contact your local system security administrator for correction.

Reference: None

RC=184

Reason=X'xxxxxxxx'

Meaning: When attempting to connect to TSO, a logon prompt was not received by the TP. Commonly received reason codes:

00000000 - Expected prompt for user ID was not received. The expected prompts are IKJ56700A ENTER user ID, or, ACF82004 ACF2, ENTER LOGON ID -

00000004 - After the user ID is entered, the next message is expected to be an IKJ or ACF message. This return code occurs if one of those possibilities did not occur.

00000008 - An unknown message was received

0000000C - The receive buffer is exhausted.

Action: This is an internal error. Contact Compuware Customer Support and provide the reason code. The Technical Support representative will probably request a trace so that the messages causing difficulty logging on can be identified and a solution devised.

Reference: None

RC=188

Reason=X'0000rtfb'

Meaning: During a connection with TSO, a VTAM RPL error occurred.

Action: This is an internal error. Contact Compuware Customer Support and provide the reason code.

Reference: IBM's z/OS Communications Server SNA Programming (see Appendix B "Return Codes and Sense Fields for RPL-based Macro Instructions"). The reason code rt is the RPL return code (RTNCD) and the fb value is the RPL feedback code (FDB2).

RC=192

Reason=X'rrrrrrr'

Meaning: While attempting to attach the EMCS console task to collect job notifications, the TP was unable to obtain the local lock from the system.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS MVS Authorized Assembler Services Reference SA22-7609. Refer to the SETLOCK macro and its list of return codes. The reason code rrrrrrr is the return code from SETLOCK.

RC=193

Reason=X'rrrrrrr'

Meaning: While attempting to attach the TP control task during initial TP start up, the TP was unable to obtain the local lock from the system.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS MVS Authorized Assembler Services Reference SA22-7609. Refer to the SETLOCK macro and its list of return codes. The reason code rrrrrrr is the return code from SETLOCK.

RC=196

Reason=X'rrrrrrrr'

Meaning: While attempting to attach the EMCS console task to collect job notifications, the TP was unable to schedule the necessary IRB to the main HCI task.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS MVS Authorized Assembler Services Reference SA22-7609. Refer to the SCHEDIRB macro and its list of return codes. The reason code rrrrrrr is the return code from SCHEDIRB.

RC=197

Reason=X'rrrrrrrr'

Meaning: While attempting to attach the TP control task during initial start-up, the TP was unable to schedule the necessary IRB to the main HCI task.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS MVS Authorized Assembler Services Reference SA22-7609. Refer to the SCHEDIRB macro and its list of return codes. The reason code rrrrrrr is the return code from SCHEDIRB.

RC=200

Reason=X'ccccrrrr'

Meaning: When sending data from the mainframe to Xpediter/Eclipse, an error occurred during the conversion of the data from EBCDIC to UTF-8.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: IBM's *z/OS Support for Unicode: Using Unicode Services SA22-7649* (see Appendix B, "Return Codes"). The reason code consists of two parts: cccc is the return code from the conversion service, and rrrr is the reason code from the conversion service.

RC=204

Reason=X'ccccrrrr'

Meaning: When receiving data from Xpediter/Eclipse, an error occurred during the conversion of the data from EBCDIC to UTF-8.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: IBM's *z/OS Support for Unicode: Using Unicode Services SA22-7649* (see Appendix B, "Return Codes"). The reason code consists of two parts: cccc is the return code from the conversion service, and rrrr is the reason code from the conversion service.

RC=208

Reason=X'00000000'

Meaning: While attempting to connect to TSO, no more APPL entries were available. All of the APPL entries are in use.

Action: Contact your system installer. Add additional APPL definitions to VTAM and then add those new APPL names to the TP configuration file.

Reference: ECC Installation and Customization Guide. Refer to the section titled "Creating and Managing the Xpediter/Eclipse TP Configuration File".

RC=212

Reason=X'rrrrrrrr'

Meaning: While attempting to retrieve a partitioned dataset member list, an OPEN macro failed.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS DFSMS Macro Instructions for Datasets SC26-7408. Part 2 Non-VSAM Macro Instructions. Refer to the OPEN macro and its list of return codes. The reason code rrrrrrr is the OPEN return code.

RC=220**Reason=**X'00000000'**Meaning:** A physical I/O error occurred attempting to process the specified dataset.**Action:** The dataset cannot be read or written using standard access methods. There is something physically wrong or corrupted with the dataset. Select a different dataset or create a new dataset for processing.**Reference:** None.**RC=224****Reason=**X'00000000'**Meaning:** Early end of file occurred while reading a dataset or member in ISPF "packed" format. Either the data was not really in packed format, or part of the data is corrupted such as unpacking cannot succeed.**Action:** Verify if the dataset is usable via ISPF. If ISPF cannot properly unpack the data then the data is probably unusable.

If the dataset can be browsed or edited via ISPF properly, then the file is probably not corrupted. Host Explorer is unable to process the data. Contact Compuware Customer Support. You may be requested to provide traces and/or a copy of the dataset so that the problem can be determined and a solution made available.

Reference: None.**RC=236****Reason=**X'00000000'**Meaning:** Errors occurred while parsing the Xpediter/Eclipse TP configuration file.**Action:** Refer to the HCI's message log (JESMSGLOG) to see related error messages describing the records in the configuration file that are in error.**Reference:** None**RC=240****Reason=**X'rrrrrrrr'**Meaning:** While attempting to write JCL records to the internal reader during a job submission request, an RPL error was encountered on a PUT macro.**Action:** Probable internal error. Contact Compuware Customer Support and provide the reason code.**Reference:** IBM's *z/OS DFSMS Macro Instructions for Datasets SC26-7408* (see Chapter 3, "VSAM Macro Return Codes and Reason Codes", in the section titled "Record Management Return and Reason Codes"). The reason code rrrrrrrr is the RPLRTNCD value.**RC=244****Reason=**X'00000000'**Meaning:** An Xpediter/Eclipse user is not signed in.**Action:** Reestablish a connection to the mainframe and properly sign in with a user ID and password before attempting any mainframe access.**Reference:** None**RC=248****Reason=**X'eeeeiiii'**Meaning:** During the retrieval of JES spool output, dynamic unallocation failed for the JES spool dataset.**Action:** This is a dynamic unallocation failure. Look up the reason code in the reference manual below to determine the action.**Reference:** *z/OS MVS Authorized Assembler Services Guide SA22-7608*. Chapter 25 "Dynamic Allocation". The reason code is two parts: eeee is the S99ERROR value, and iiii is the S99INFO value.**RC=252****Reason=**X'sssrrrrr'

Meaning: During a request to retrieve the status of a specific job, an error occurred accessing the JES subsystem interface.

Action: This is an internal error. Contact Compuware Customer Support and provide the reason code.

Reference: Refer to system dataset 'SYS1.AMODGEN' or 'SYS1.MODGEN', member IEFSSCS. The reason code is two parts: ssss is the return code issued by the IEFSSREQ macro, and rrrr is the reason code value in the SSOBRETN field.

RC=256

Reason=X'rrrrrrrr'

Meaning: While attempting to retrieve JES spool output, an OPEN macro failed opening the JES spool dataset.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS DFSMS Macro Instructions for Datasets SC26-7408. Part 2 Non-VSAM Macro Instructions. Refer to the OPEN macro and its list of return codes. The reason code **rrrrrrrr** is the OPEN return code. A commonly received reason code:

000C 0098 – The user does not have sufficient access authority to view this JES dataset. Access is controlled by the system security software using a JESSPOOL class profile to restrict access.

RC=260

Reason=X'rrrrrrrr'

Meaning: During the retrieval of JES job list, an error occurred accessing the JES subsystem interface.

Action: This is an internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS MVS Using the Subsystem Interface SA22-7642. Within Chapter 3, refer to the section titled "Extended Status Function Call - SSI Function Code 80". Refer to the return and reason codes issued by the IEFSSREQ macro. The reason code **rrrrrrrr** is the return code issued by the IEFSSREQ macro.

RC=264

Reason=X'sssrrrr'

Meaning: During the retrieval of JES job list, an error occurred accessing the JES subsystem interface.

Action: This is an internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS MVS Using the Subsystem Interface SA22-7642. Within Chapter 3, refer to the section titled "Extended Status Function Call - SSI Function Code 80". Refer to the return and reason codes issued by the IEFSSREQ macro. The reason code is two parts: ssss is the return code contained in the SSOBRETN field, and rrrr is the reason code value in the STATREAS field.

RC=268

Reason=X'00000000'

Meaning: When attempting to obtain a job list from the JES spool, no owner or prefix value was specified.

Action: Owner, or prefix, or both, must be specified. Then retry the request.

Reference: None

RC=272

Reason=X'sssrrrr'

Meaning: During the retrieval of JES output, an error occurred accessing the JES subsystem interface.

Action: This is an internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS MVS Using the Subsystem Interface SA22-7642. Within Chapter 3, refer to the section titled "Extended Status Function Call - SSI Function Code 80". Refer to the return and reason codes issued by the IEFSSREQ macro. The reason code is two parts: ssss is the return code contained in the SSOBRETN field, and rrrr is the reason code value in the STATREAS field.

RC=276

Reason=X'sssrrrr'

Meaning: During the retrieval of JES output, an error occurred accessing the JES subsystem interface. Some of the output datasets were not selectable.

Action: Output datasets may be considered not selectable if they are not in a held SYSOUT class, or if the output is no longer in the held queue, or if security restrictions disallow retrieval of an output dataset. Additionally, the datasets are not considered selectable if the output is in HOLD status (that is, deliberately held by a system operator command). If the output does not fit into one of the categories above, then this could be an internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS MVS Using the Subsystem Interface SA22-7642. Within Chapter 3, refer to the section titled "SYSOUT Application Program Interface (SAPI) – SSI Function Code 79". Refer to the return and reason codes issued by the IEFSSREQ macro. The reason code is two parts: ssss is the return code contained in the SSOBRETN field, and rrrr is the reason code value in the SSS2REAS field.

For output selection errors described under Action above, the commonly received reason codes are:

0004 00F0 – No output matched any of the selection criteria.

0004 00F4 – An output dataset matched the selection criteria, but was not selectable for one of the reasons stated in Action, above.

RC=280

Reason=X'00000000'

Meaning: The TP is not APF-authorized and therefore cannot issue JES subsystem interface calls.

Action: Add the dataset containing the TP load module (CXTPMAIN) to the APF dataset list.

Reference: None.

RC=284

Reason=X'00000000'

Meaning: During the retrieval of JES output, none of the output datasets were selectable.

Action: Output datasets may be considered not selectable if they are not in a held SYSOUT class, or if the output is no longer in the held queue, or if security restrictions disallow retrieval of an output dataset. Additionally, the datasets are not considered selectable if the output is in HOLD status (that is, deliberately held by a system operator command).

Reference: None.

RC=288

Reason=X'00000000'

Meaning: During the retrieval of JES output, some output datasets were not selectable.

Action: Output datasets may be considered not selectable if they are not in a held SYSOUT class, or if security restrictions disallow retrieval of an output dataset. Any remaining output that was selectable is returned normally.

Reference: None.

RC=292

Reason=X'ssssrrrr'

Meaning: During the retrieval of JES output, an error occurred accessing the JES subsystem interface.

Action: This is an internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS MVS Using the Subsystem Interface SA22-7642. Within Chapter 3, refer to the section titled "SYSOUT Application Program Interface (SAPI) - SSI Function Code 79". Refer to the return and reason codes issued by the IEFSSREQ macro. The reason code is two parts: ssss is the return code contained in the SSOBRETN field, and rrrr is the reason code value in the SSS2REAS field.

RC=296

Reason=X'eeeeiiii'

Meaning: During the retrieval of JES output, dynamic allocation failed for JES output dataset.

Action: This is a dynamic allocation failure. This error is not normally preventable by a user and is considered to be an internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS MVS Authorized Assembler Services Guide SA22-7608. Chapter 25 "Dynamic Allocation". The reason code is two parts: eeee is the S99ERROR value, and iiii is the S99INFO value.

RC=300

Reason=X'00000000'

Meaning: The Xpediter/TSO Multi-Batch Facility (MBF) is not installed on this system.

Action: Please notify your system installer to install this feature.

Reference: Xpediter/TSO Installation Guide.

RC=304

Reason=X'00000000'

Meaning: The Xpediter/TSO Multi-Batch Facility (MBF) is not initialized.

Action: Please notify your system installer to initialize the feature.

Reference: Xpediter/TSO Installation Guide.

RC=308

Reason=X'00000000'

Meaning: The Xpediter/TSO Multi-Batch Facility (MBF) is installed and initialized but it is not active.

Action: Please notify your system installer to initialize the feature.

Reference: Xpediter/TSO Installation Guide.

RC=312

Reason=X'rrrrrrrr'

Meaning: During the initiation of an Xpediter/TSO debugging session, an attempt to open the Multi-Batch file has failed.

Action: The most likely cause of this error is that the user does not have READ access to the Multi-Batch file. Please also see RC=316. If this is not the case this is probably an internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS DFSMS Macro Instructions for Datasets SC26-7408. Part 2 Non-VSAM Macro Instructions. Refer to the OPEN macro and its list of return codes. The reason code rrrrrrr is the OPEN return code.

RC=316

Reason=X'rrrrrrrr'

Meaning: During the initiation of an Xpediter/TSO debugging session, an attempt to write to the multi-batch file has failed.

Action: If the reason code is X'00000010' this indicates that the user does not have UPDATE access to the Multi-Batch file. If this is not the cause, then this is a probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: Internal Compuware return code from Multi-Batch I/O module ADSIS315.

RC=320

Reason=X'rrrrrrrr'

Meaning: During the initiation of an Xpediter/TSO debugging session, an attempt to write to the Multi-Batch internal requests table has failed.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: Internal Compuware return code from module XPMSTBLD.

RC=324

Reason=X'rrrrrrrr'

Meaning: During the initiation of an Xpediter/TSO debugging session, an attempt to close to the Multi-Batch file has failed.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS DFSMS Macro Instructions for Datasets SC26-7408. Part 2 Non-VSAM Macro Instructions. Refer to the CLOSE macro and its list of return codes. The reason code rrrrrrr is the CLOSE return code.

RC=328**Reason=X'rrrrrrrr'****Meaning:** During the initiation of an Xpediter/TSO debugging session, an attempt to load Multi-Batch support routines has failed.**Action:** Probable internal error. Contact Compuware Customer Support and provide the reason code.**Reference:** Load for Multi-Batch I/O module ADSIS315.**RC=332****Reason=X'rrrrrrrr'****Meaning:** During the initiation of an Xpediter/TSO debugging session, an attempt to load Multi-Batch support routines has failed.**Action:** Probable internal error. Contact Compuware Customer Support and provide the reason code.**Reference:** Load for XPMSTBLD.**RC=333****Reason=X'rrrrrrrr'****Meaning:** The HCI hosting the CSS TP has either a configuration parameter mismatch or the HCI is not up to date with maintenance. The TP will not operate correctly. The return code is from CW_GSOK.**Action:** Ensure that the HCI configuration's HCICNAMB macro has the HPNS= parameter specifying CURR and that HCI PTF HCA0031 is applied. After applying the PTF, you must ensure that you reassemble the HCI configuration macros using the SYS1.SMPMTS dataset in the assembly's SYSLIB DD statement concatenation. The PTF changes an HCI macro, and in order to pick up the change, the SMPMTS library must be used.**Reference:** None.**RC=336****Reason=X'00000000'****Meaning:** During the initiation of an Xpediter/TSO debugging session, an attempt to load Multi-Batch module XPMNTRT has failed. Module XPMNTRT was not linked into HCI module CXTMAIN.**Action:** Have the system installer re-link the TP module CXTMAIN. If the link-edit appears correct, contact Compuware Customer Support.**Reference:** MBF module XPMNTRT address is zero.**RC=340****Reason=X'rrrrrrrr'****Meaning:** During the initiation of an Xpediter/TSO debugging session, an attempt to open the Compuware Shared Profile (CSPF) dataset has failed.**Action:** Internal error. Contact Compuware Customer Support and provide the reason code.**Reference:** None.**RC=344****Reason=X'eeeeiiii'****Meaning:** During the retrieval of a dataset or member, dynamic allocation failed for the selected user dataset.**Action:** This is a dynamic allocation failure. Look up the reason code in the reference manual below to determine the action.**Reference:** z/OS MVS Authorized Assembler Services Guide SA22-7608. Chapter 25 "Dynamic Allocation". The reason code is two parts: eeee is the S99ERROR value, and iiii is the S99INFO value. Commonly received reason codes:

0278 0000 - The dataset was migrated. Recall the dataset and retry.

1708 0002 - The dataset does not exist. Specify a different dataset.

RC=348**Reason=X'eeeeiiii'**

Meaning: During the retrieval of a member list of a partitioned dataset, dynamic allocation failed for the selected user dataset.

Action: This is a dynamic allocation failure. Look up the reason code in the reference manual below to determine the action.

Reference: z/OS MVS Authorized Assembler Services Guide SA22-7608. Chapter 25 "Dynamic Allocation". The reason code is two parts: eeee is the S99ERROR value, and iiii is the S99INFO value. Commonly received reason codes:

0278 0000 - The dataset was migrated. Recall the dataset and retry.

1708 0002 - The dataset does not exist. Specify a different dataset.

RC=352

Reason=X'eeeeiiii'

Meaning: During an attempt to save data to a user dataset, dynamic allocation failed for that user dataset.

Action: This is a dynamic allocation failure. Look up the reason code in the reference manual below to determine the action.

Reference: z/OS MVS Authorized Assembler Services Guide SA22-7608. Chapter 25 "Dynamic Allocation". The reason code is two parts: eeee is the S99ERROR value, and iiii is the S99INFO value. Commonly received reason codes:

0278 0000 - The dataset was migrated. Recall the dataset and retry.

1708 0002 - The dataset does not exist. Specify a different dataset.

RC=356

Reason=X'rrrrrrrr'

Meaning: An error occurred during the parsing of the JCL stream received from Xpediter/Eclipse during a job submission request.

Action: This is an internal error. Contact Compuware Customer Support and provide the reason code.

Reference: None

RC=360

Reason=X'eeeeiiii'

Meaning: During error recovery, dynamic allocation failed for the dump dataset.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS MVS Authorized Assembler Services Guide SA22-7608. Chapter 25 "Dynamic Allocation". The reason code is two parts: eeee is the S99ERROR value, and iiii is the S99INFO value.

RC=364

Reason=X'rrrrrrrr'

Meaning: During error recovery, an attempt to open the dump dataset has failed.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS DFSMS Macro Instructions for Datasets SC26-7408. Part 2 Non-VSAM Macro Instructions. Refer to the OPEN macro and its list of return codes. The reason code rrrrrrr is the OPEN return code.

RC=368

Reason=X'00000000'

Meaning: When initiating an Xpediter/Eclipse debugging session via TSO, the connected TSO session encountered a JCL error.

Action: Probable user error. Check that the correct procedure name was specified. Alternately, contact the system installer to determine if the specified procedure contains a JCL error.

Reference: Topaz Workbench Installation Guide

RC=372

Reason='000000rr'

Meaning: For Topaz Workbench users authenticated by a digital certificate only, when initiating an Xpediter/Eclipse debugging session via TSO, the PassTicket service was unable to establish a PassTicket for this user.

Action: Probable RACF or other security software configuration error. The security software must be correctly set up to process PassTickets as described by the RACF Administrator's Guide. The TP requires a profile consisting of TSO+SMFid be defined to the PTKTDATA class as described in the manual reference below.

Reference: IBM's *z/OS Security Server: RACF Administrator's Guide SA22-7683* (see Chapter "General Resources", Section "Using the Secured Sign-on Function" and "The RACF PassTicket"). Common return codes from this function:

- 04- Incorrect PassTicket.
- 08 - No PTKTDATA profile found for the application (TSO+SMFid)
- 0C - No task or address space ACEE found, and the ACEE pointer was not specified on the input parameter list.
- 10 - TP is not APF-authorized.
- 14 - The RACF PTKTDATA class is not active.

RC=376

Reason=X'00000000'

Meaning: When initiating an Xpediter/TSO debugging session via TSO, the TSO session encountered a JCL error.

Action: Probable user error. Check that the correct procedure name was specified. Alternately, contact the system installer to determine if the procedure contains a JCL error.

Reference: Topaz Workbench Installation Guide

RC=380

Reason=X'rrrrrrrr'

Meaning: A recall attempt has failed for a migrated dataset.

Action: Check the return codes listed below for a probable cause. If the code is not listed, contact Compuware Customer Support and provide the reason code.

Reference: IBM's *z/OS DFSMSHsm Managing Your Own Data SC35-0420* (see Chapter 22, "Using DFSMSHsm User Macros", in section "Register Usage for Return Codes"). The reason code rrrrrrrr is the ARCHRCAL macro return code.

- 00000002 - Dataset was not migrated
- 00000064 - DFSMS is not active on the system
- 00000192 - Dataset name not found
- 00000193 - Dataname name was * or blank
- 00000806 - Error linking to DFSMS service
- 00000zzz -Any other value: recall function failed

RC=384

Reason=X'00000000'

Meaning: During the initiation of an Xpediter/TSO debugging session, an attempt to use the Compuware Shared Profile (CSPF) dataset has failed. An internal record could not be located.

Action: Probable user error. The CSPF dataset must be initialized prior to use. Verify with the system installer that initialization has occurred and if not, have the system installer perform the initialization.

Reference: Topaz Workbench Installation Guide

RC=388

Reason=X'00000000'

Meaning: During the initiation of an Xpediter/TSO debugging session, an attempt to close Compuware Shared Profile (CSPF) dataset has failed.

Action: Probable internal error. Contact Compuware Customer Support.

Reference: Topaz Workbench Installation Guide

RC=392

Reason=X'00000000'

Meaning: When initiating an Xpediter/TSO debugging session via TSO, the TSO session encountered could not locate the XPCP load module.

Action: Probable user error. Check that the correct procedure name was specified. When a procedure that was not tailored for Xpediter/Eclipse use is specified, the JCL in that procedure may not allocate the correct Xpediter/TSO supporting libraries, resulting in "XPCP COMMAND NOT FOUND". Alternately, contact the system installer to determine if the procedure contains the correct Xpediter/TSO datasets.

Reference: Topaz Workbench Installation Guide

RC=393

Reason=X'00000000'

Meaning: When initiating an Xpediter/TSO debugging session on a remote LPAR, the contact request timed out.

Action: Probable internal error. Contact Compuware Customer Support for assistance.

Reference: None.

RC=394

Reason=X'00000000'

Meaning: When initiating an Xpediter/TSO debugging session on a remote LPAR, the corresponding Topaz Workbench socket could not be located.

Action: Probable internal error. Contact Compuware Customer Support for assistance.

Reference: None.

Explanation: RC=396

Reason=X'00000000'

Meaning: When initiating an Xpediter/TSO debugging session, a version incompatibility error was encountered.

Action: The connection port to the mainframe is running an older version of Compuware Shared Services, and that version cannot support this level of Xpediter/Eclipse. Contact your system installer.

Reference: None.

RC=400

Reason=X'rrrrrrrr'

Meaning: When attempting to initiate a connection with CICS, the WRITE macro failed.

Action: Probable internal error. However, in some cases you may be able to correct the error by looking up the cause. Otherwise, contact Compuware Customer Support and provide the reason code.

Reference: IBM's *z/OS Communications Server IP Sockets Application Programming Guide and Reference SC31-8788* (see Appendix B, "Return Codes"). The reason code rrrrrrrr is the ERRNO value from the macro instruction.

RC=404

Reason=X'rrrrrrrr'

Meaning: When attempting to initiate a connection with CICS, the WRITE macro failed.

Action: Probable internal error. However, in some cases you may be able to correct the error by looking up the cause. Otherwise, contact Compuware Customer Support and provide the reason code.

Reference: *z/OS Communications Server IP Sockets Application Programming Guide and Reference SC31-8788*. Appendix B, Return Codes. The reason code rrrrrrrr is the ERRNO value from the macro instruction.

RC=408

Reason=X'rrrrrrrr'

Meaning: When attempting to initiate a connection with CICS, the READ macro failed.

Action: Probable internal error. However, in some cases you may be able to correct the error by looking up the cause. Otherwise, contact Compuware Customer Support and provide the reason code.

Reference: z/OS Communications Server IP Sockets Application Programming Guide and Reference SC31-8788. Appendix B, Return Codes. The reason code rrrrrrr is the ERRNO value from the macro instruction.

RC=412

Reason=X'rrrrrrr'

Meaning: When attempting to initiate a connection with CICS, the READ macro failed.

Action: Probable internal error. However, in some cases you may be able to correct the error by looking up the cause. Otherwise, contact Compuware Customer Support and provide the reason code.

Reference: z/OS Communications Server IP Sockets Application Programming Guide and Reference SC31-8788. Appendix B, Return Codes. The reason code rrrrrrr is the ERRNO value from the macro instruction.

RC=416

Reason=X'0000rrrr'

Meaning: When attempting to initiate a connection with CICS, Xpediter/CICS rejected the connection attempt.

Action: Probable user error. Look up the reason code in the reference below to determine the corrective action. If no corrective action can be determined, contact Compuware Customer Support.

Reference: This reason code is issued by Xpediter/CICS. The reason code rrrr is the reason code from that product.

Reason Code		Meaning
Dec	Hex	
04	0004	Listener Definition Error. Listener Definition FORMAT=ENHANCED Required.
08	0008	Length of initial contact data for ENHANCED Listener Must Be 61.
12	000C	The first 5 bytes of the initial contact data sent to DBUGSOCK must be the transaction code associated with program DBUGSOCK, usually XSOC, (the comma is required).
16	0010	No semicolon (;) found in the initial contact data. A semicolon is required to delineate the IP address of the workstation from the listener port of the workstation
20	0014	No slash (/) found in the initial contact data. A slash is required to delineate the listener port of the workstation from the conversation mode (E=EBCDIC, A=ASCII, more accurately UTF-8) that all traffic on the socket is to use.
24	0018	The conversation mode (the byte following the slash (/) must be E or A.
28	001C	No IP address of the workstation specified.
32	0020	The IP address of the workstation could not be converted from text format to internal format. The actual reason code in the message will be 6:mmmm where mmmm represents the Errno returned by the sockets PTON call. You will have to refer to the Errno section of the IP CICS Sockets Guide for a meaning of these values.
36	0024	No listener port of the workstation was specified.
40	0028	The listener port of the workstation specified is not numeric.
44	002C	The listener port specified > 65535.
48	0030	Commarea Length Error. The length of the initial connection data is not 61 bytes.

Reason Code		Meaning
52	0034	Initial Contact Data Invalid. A preliminary scan of the initial connection data has found a syntax error.
56	0038	Transaction Mismatch. The socket definition or configuration file definition is incorrect. The code, usually XSOC, should be identical in the socket definition and the configuration file.
60	003C	Transaction Is Not Defined To CICS. The Xpediter/CICS API Connection transaction specified in the socket definition and configuration file, usually XSOC, has not been defined to CICS.
64	0040	Inquire for Transaction Failed. The user is not authorized to execute an EXEC INQUIRE TRANSACTION call. The user ID assigned prior to logon or the default user ID specified, must at the minimum, have execute authority for EXEC INQUIRE TRANSACTION, EXEC INQUIRE PROGRAM, and EXEC VERIFY commands.
68	0044	Transaction / Program Mismatch. The Xpediter/CICS API Connection transaction definition, usually XSOC, must be associated with program DBUGSOCK.
72	0048	Transaction Is Not Enabled. The Xpediter/CICS API Connection transaction, usually XSOC, must have a status of enabled.
76	004C	Transaction Must Run In TASKDATAKEY(CICS). The Xpediter/CICS API Connection transaction, usually XSOC, must have TASKDATAKEY (CICS) specified.
80	0050	Transaction Must Run In TASKDATALOC(ANY). The Xpediter/CICS API Connection transaction, usually XSOC, must have TASKDATALOC (ANY) specified.
84	0054	Transaction Is Secured. The Xpediter/CICS API Connection transaction, usually XSOC, should not be secured, i.e. RESSEC (NO) should be specified.
88	0058	Program DBUGSOCK Is Not Defined To CICS.
92	005C	Inquire For Program DBUGSOCK Failed. The user is not authorized to execute an EXEC INQUIRE PROGRAM call. The user ID assigned prior to logon or the default user ID specified, must at the minimum, have execute authority for EXEC INQUIRE TRANSACTION, EXEC INQUIRE PROGRAM, and EXEC VERIFY commands
96	0060	Program DBUGSOCK Is Not Defined As Assembler.
100	0064	Program DBUGSOCK Is Not Enabled. The Xpediter/CICS API Connection program DBUGSOCK must have a status of enabled.
104	0068	Program DBUGSOCK Must Run In EXECKEY(CICS). The Xpediter/CICS API Connection program DBUGSOCK must have EXECKEY(CICS) specified.
108	006C	Program DBUGSOCK Must Run In DATALOC (ANY). The Xpediter/CICS API Connection program DBUGSOCK must have DATALOC (ANY) specified.
112	0070	user ID/Password Verification Failed.
116	0074	Xpediter/CICS API Requires CICS Enhanced Listener.
120	0078	Xpediter/CICS API Must Be KC (Task Control) Started.
124	007C	Xpediter/CICS API Currently Only Supports Sockets IPv4.

Reason Code		Meaning
128	0080	Inquire for Transaction XPGD Failed, NOTAUTH. The user is not authorized to execute an EXEC INQUIRE TRANSACTION call. The user ID assigned prior to logon or the default user ID specified, must at the minimum, have execute authority for EXEC INQUIRE TRANSACTION, EXEC INQUIRE PROGRAM, and EXEC VERIFY commands.
132	0084	Transaction XPGD must be defined. This transaction is used to ensure a user is authorized to use the Xpediter/CICS component of Xpediter/Eclipse.
136	0088	Transaction XPGD has not been associated with program XDPIMIRS. This transaction is used to ensure a user is authorized to use the Xpediter/CICS APLand must be associated with program XDPIMIRS.
140	008C	Inquire for Transaction XPGD Failed. The EXEC INQUIRE TRANSACTION (XPGD) call failed. The user ID assigned prior to logon or the default user ID specified, must at the minimum, have execute authority for EXEC INQUIRE TRANSACTION, EXEC INQUIRE PROGRAM, EXEC SYSTEM SECURITYMGR, and EXEC VERIFY commands.
144	0090	Transaction XPGD Is Not Enabled. This transaction is used to ensure a user is authorized to use the Xpediter/CICS APLand must have a status of enabled.
148	0094	Transaction Must Run In TASKDATAKEY(CICS). This transaction is used to ensure a user is authorized to use the Xpediter/CICS APLand must have TASKDATAKEY (CICS) specified.
152	0098	Transaction Must Run In TASKDATALOC(ANY). This transaction is used to ensure a user is authorized to use the Xpediter/CICS APLand must have TASKDATALOC (ANY) specified.
156	009C	The EXEC CICS QUERY SECURITY TRANSACTION(XPGD) failed. Users authorized to the use Xpediter/CICS API must also have authority to issue EXEC CICS QUERY commands.
160	00A0	The user does not have READONLY security for transaction XPGD. This is an indication of unauthorized access or security for transaction XPGD being set to incorrect values.
164	00A4	Program XDPIMIRS Is Not Defined To CICS.
168	00A8	Inquire For Program XDPIMIRS Failed. The user is not authorized to execute an EXEC INQUIRE PROGRAM call.
172	00AC	Program XDPIMIRS Is Not Defined As Assembler.
176	00B0	Program XDPIMIRS Is Not Enabled. Program XDPIMIRS must have a status of enabled.
180	00B4	Program XDPIMIRS Must Run In EXECKEY(CICS).
184	00B8	Program XDPIMIRS Must Run In DATALOC (ANY).
188	00BC	Inquire to determine if security is active in the CICS region failed. The user ID assigned prior to logon or the default user ID specified, must at the minimum, have execute authority for EXEC INQUIRE TRANSACTION, EXEC INQUIRE PROGRAM, EXEC SYSTEM SECURITYMGR, and EXEC VERIFY commands.
192	00C0	user ID does not have authorization to access the CICS region. EXEC CICS VERIFY returned ESM (external security manager) 'NOT AUTH' code.
196	00C4	user ID may not access the CICS region. EXEC CICS VERIFY returned ESM (external security manager) unknown rejection code. Message MXDSK0065E was written to the CICS CSMT transient data queue with the ESM return and reason codes.

RC=420**Reason=X'rrrrrrrr'****Meaning:** When attempting to initiate a connection with CICS, the GETHOSTID macro failed.**Action:** Probable internal error. However, in some cases you may be able to correct the error by looking up the cause. Otherwise, contact Compuware Customer Support and provide the reason code.**Reference:** z/OS Communications Server IP Sockets Application Programming Guide and Reference SC31-8788. Appendix B, Return Codes. The reason code rrrrrrr is the ERRNO value from the EZASMI GETHOSTID macro instruction.**RC=424****Reason=X'00000000'****Meaning:** When attempting to launch a debug session with CICS, it was determined that the IP number of the CICS region is not the same IP number of the host system that is running the HCI to which you are connected.**Action:** Probable user error. The CICS region used for debugging must be running on the same system as the HCI that is connected with Host Explorer and Xpediter/Eclipse.**Reference:** None.**RC=432****Reason=X'rrrrrrrr'****Meaning:** When attempting to get a list of datasets via the dataset mask, a catalog error occurred.**Action:** Probable internal error. However, in some cases you may be able to correct the error by looking up the cause. Otherwise, contact Compuware Customer Support and provide the reason code.**Reference:** IBM's *z/OS DFSMS Managing Catalogs SC26-7409* (see Appendix C, "Catalog Search Interface User's Guide"). The reason code rrrrrrr is the return code value from the IGCSI00 macro instruction.**RC=436****Reason=X'rrrrrrrr'****Meaning:** When attempting to get a list of datasets via the dataset mask, a catalog error occurred.**Action:** Probable internal error. However, in some cases you may be able to correct the error by looking up the cause. Otherwise, contact Compuware Customer Support and provide the reason code.**Reference:** IBM's *z/OS DFSMS Managing Catalogs SC26-7409* (see Appendix C, "Catalog Search Interface User's Guide".) The reason code rrrrrrr is the value contained in the CSICRETN (Catalog Data Return Code) field.**RC=440****Reason=X'00000000'****Meaning:** No dataset names were found to match the supplied dataset mask.**Action:** Probable user error. Retry the request with a less restrictive dataset mask.**Reference:** None.**RC=444****Reason=X'00000000'****Meaning:** When attempting to submit a JCL stream, no valid JOB card was found.**Action:** Probable user error. Correct the JCL stream and ensure the JOB card is valid and retry the request. The minimum JOB card is: //JOBNAME JOB**Reference:** None.**RC=448****Reason=X'rrrrrrrr'****Meaning:** An attempt to open a partitioned dataset for the purpose of reading the directory has failed.**Action:** Probable internal error. Contact Compuware Customer Support and provide the reason code.**Reference:** z/OS DFSMS Macro Instructions for Datasets SC26-7408. Part 2 Non-VSAM Macro Instructions. Refer to the OPEN macro and its list of return codes. The reason code rrrrrrr is the OPEN return code.

RC=452**Reason=X'eeeeiiii'****Meaning:** While attempting to determine the properties of the selected dataset, dynamic allocation has failed.**Action:** Probable internal error. Contact Compuware Customer Support and provide the reason code.**Reference:** z/OS MVS Authorized Assembler Services Guide SA22-7608. Chapter 25 "Dynamic Allocation". The reason code is two parts: eeee is the S99ERROR value, and iiii is the S99INFO value.**RC=456****Reason=X'rrrrssss'****Meaning:** An attempt to rename a member of a partitioned dataset has failed.**Action:** Check the return codes listed below for a probable cause. If the code is not listed, contact Compuware Customer Support and provide the reason code.**Reference:** z/OS DFSMS Macro Instructions for Datasets SC26-7408. Part 2 Non-VSAM Macro Instructions. Refer to the STOW macro and its list of return codes. The reason code rrrr is the STOW return code and ssss is the STOW reason code.

00040000 - New member name already exists, choose a different name.

00080000 - The member selected for rename does not exist

RC=460**Reason=X'rrrrssss'****Meaning:** An attempt to delete a member of a partitioned dataset has failed.**Action:** Check the reason codes listed below for a probable cause. If the code is not listed, contact Compuware Customer Support and provide the reason code.**Reference:** z/OS DFSMS Macro Instructions for Datasets SC26-7408. Part 2 Non-VSAM Macro Instructions. Refer to the STOW macro and its list of return codes. The reason code rrrr is the STOW return code and ssss is the STOW reason code.

00080000 - The member selected for deletion does not exist

RC=464**Reason=X'eeeeiiii'****Meaning:** During the retrieval of information about a dataset, dynamic allocation failed.**Action:** This is a dynamic allocation failure. Look up the reason code in the reference manual below to determine the action.**Reference:** z/OS MVS Authorized Assembler Services Guide SA22-7608. Chapter 25 "Dynamic Allocation". The reason code is two parts: eeee is the S99ERROR value, and iiii is the S99INFO value.**RC=468****Reason=X'rrrrrrrr'****Meaning:** During the retrieval of information about a dataset, an OBTAIN macro failed when trying to locate the format-1 DSCB.**Action:** In the unlikely event this error occurs, check the reason code for one of the following:

00000004 - The volume where the dataset resides is not mounted

00000008 - The dataset could not be found on the volume's VTOC

0000000C - I/O error reading the format-1 DSCB

00000010 - Invalid work area pointer. This is an internal error, contact Compuware Customer Support

Reference: z/OS DFSMSdfp Advanced Services SC26-7400. Refer to Chapter 1 subsection "Accessing the VTOC with DASDM Macros" and refer to the return codes for OBTAIN / CAMLST SEARCH. The reason code returned is the register 15 return code from the OBTAIN macro.**RC=472****Reason=X'rrrrrrrr'**

Meaning: During the retrieval of information about a dataset, an OBTAIN macro failed when trying to locate the format-3 DSCB.

Action: In the unlikely event this error occurs, check the reason code for one of the following:

00000004 - The volume where the dataset resides is not mounted

00000008 - The dataset could not be found on the volume's VTOC

0000000C - I/O error reading the format-1 DSCB

00000010 - Invalid work area pointer. This is an internal error, contact Compuware Customer Support

00000014 - The F3 DSCB address specified is not within the boundaries of the VTOC. Contact Compuware Customer Support.

Reference: z/OS DFSMSdfp Advanced Services SC26-7400. Refer to Chapter 1 subsection "Accessing the VTOC with DASDM Macros" and refer to the return codes for OBTAIN / CAMLST SEEK. The reason code returned is the register 15 return code from the OBTAIN macro.

RC=476

Reason=X'rrrrssss'

Meaning: During the retrieval of information about a dataset, a DEVTYPE macro failed.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS DFSMSdfp Advanced Services SC26-7400. Refer to the chapter on "Using System Macro Instructions", subsection "Obtaining I/O Device Characteristics" and refer to the return codes for DEVTYPE. The reason code values rrrr and ssss are the return and reason codes from the DEVTYPE macro, respectively.

RC=481

Reason=X'00000000'

Meaning: When attempting to launch a user initiated procedure, the procedure name was missing or invalid.

Action: Correct the procedure name in the request. The procedure must conform to z/OS rules for JCL procedure names and exist in a system proclib.

Reference: None.

RC=482

Reason=X'00000000'

Meaning: When attempting to launch a user initiated procedure, the program name was missing or invalid.

Action: Correct the program name in the request. The program name must conform to z/OS rules for load module names.

Reference: None.

RC=483

Reason=X'rrrrssss'

Meaning: When attempting to launch a user initiated procedure in a new address space, the address space creation failed.

Action: Probable internal error. Contact Compuware Customer Support for assistance and supply the reason code.

Reference: z/OS MVS Authorized Assembler Services Reference SA22-7609. Refer to the ASCRE macro and its list of return codes and reason codes. The reason code rrrr is the return code from ASCRE, and the reason code ssss is the reason code from ASCRE.

RC=484

Reason=X'rrrrrrrr'

Meaning: An attempt to open a partitioned dataset for the purpose of renaming or deleting a member has failed.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS DFSMS Macro Instructions for Datasets SC26-7408. Part 2 Non-VSAM Macro Instructions. Refer to the OPEN macro and its list of return codes. The reason code rrrrrrrr is the OPEN return code.

RC=488

Reason=X'eeeeiiii'

Meaning: An attempt to dynamically allocate a partitioned dataset for the purpose of renaming or deleting a member has failed.

Action: This is a dynamic allocation failure. Look up the reason code in the reference manual below to determine the action.

Reference: z/OS MVS Authorized Assembler Services Guide SA22-7608. Chapter 25 "Dynamic Allocation". The reason code is two parts: eeee is the S99ERROR value, and iiii is the S99INFO value.

RC=492

Reason=X'rrrrrrrr'

Meaning: An attempt to enqueue on a partitioned dataset member for the purpose of deleting that member has failed.

Action: The member is probably in use by the same or a different user. Check the reason code below to determine possible causes. If the code is not listed, this is a probable environmental error and should be resolved by your system programming personnel. The dataset member is probably enqueued by another job elsewhere in the system.

00000004 -Exclusive control of the member could not be obtained

Reference: z/OS MVS Programming: Assembler Services SA22-7606. Refer to the ENQ macro and its list of return codes. The reason code rrrrrrrr is the ENQ return code.

RC=496

Reason=X'rrrrrrrr'

Meaning: An attempt to enqueue on a partitioned dataset member for the purpose of renaming that member has failed.

Action: The member is probably in use by the same or a different user. Check the reason code below to determine possible causes. If the code is not listed, this is a probable environmental error and should be resolved by your system programming personnel. The dataset member is probably enqueued by another job elsewhere in the system.

00000004 -Exclusive control of the member could not be obtained

Reference: z/OS MVS Programming: Assembler Services SA22-7606. Refer to the ENQ macro and its list of return codes. The reason code rrrrrrrr is the ENQ return code.

RC=504

Reason=X'rrrrrrrr'

Meaning: An attempt to initialize the Compuware Shared Profile Dataset (CSPF) has failed.

Action: This is an internal error. Contact Compuware Customer Support and provide the reason code.

Reference: None.

RC=508

Reason=X'rrrrrrrr'

Meaning: An attempt to open the Compuware Shared Profile Dataset (CSPF) has failed.

Action: This is an internal error. Contact Compuware Customer Support and provide the reason code.

Reference: None.

RC=512

Reason=X'rrrrrrrr'

Meaning: An attempt to read the Compuware Shared Profile Dataset (CSPF) has failed.

Action: This is an internal error. Contact Compuware Customer Support and provide the reason code.

Reference: None.

RC=516**Reason**=X'eeeeiiii'**Meaning:** An attempt to dynamically allocate the Compuware Shared Services SLCXTABL dataset has failed.**Action:** This is a dynamic allocation failure. In order to eliminate the probable causes, have your system installer check the following:

Ensure that the Compuware Shared Profile (CSPF) dataset has been allocated and initialized with the name of the ISPF table member containing the Compile Facility compiler parameters. The ISPTABL parameter must be used to specify the dataset name of the Shared Services SLCXTABL dataset.

"Ensure that the Compile Facility member AAUTCTBL member exists within the Shared Services SLCXTABL dataset. Otherwise, look up the reason code in the reference manual below to determine the action.

Reference: z/OS MVS Authorized Assembler Services Guide SA22-7608. Chapter 25 "Dynamic Allocation". The reason code is two parts: eeee is the S99ERROR value, and iiii is the S99INFO value.**RC=520****Reason**=X'rrrrrrrr'**Meaning:** An attempt to open a partitioned dataset for the purpose of importing the Compile Facility defaults has failed.**Action:** Probable internal error. Contact Compuware Customer Support and provide the reason code.**Reference:** z/OS DFSMS Macro Instructions for Datasets SC26-7408. Part 2 Non-VSAM Macro Instructions. Refer to the OPEN macro and its list of return codes. The reason code rrrrrrr is the OPEN return code.**RC=524****Reason**=X'00000000'**Meaning:** Not enough buffer space exists to hold the Compile Facility defaults.**Action:** Probable internal error. Contact Compuware Customer Support and provide the reason code.

Alternately, the system installer could attempt to delete the defaults in the Compuware Shared Services SLCXTABL member (delete AAUTCTBL) and rebuild them, and this could alleviate the problem with a more compact defaults member.

Reference: Compuware ECC Installation and Customization Guide, in section "CSS Customization", Step 4: Create the Compile Information Table.**RC=532****Reason**=X'eeeeiiii'**Meaning:** During a request to compress a partitioned dataset, an attempt to dynamically allocate that dataset has failed.**Action:** This is a dynamic allocation failure. Look up the reason code in the reference manual below to determine the action.**Reference:** z/OS MVS Authorized Assembler Services Guide SA22-7608. Chapter 25 "Dynamic Allocation". The reason code is two parts: eeee is the S99ERROR value, and iiii is the S99INFO value.**RC=536****Reason**=X'eeeeiiii'**Meaning:** During a request to compress a partitioned dataset, an attempt to dynamically obtain allocation information for that dataset has failed.**Action:** This is a dynamic allocation failure. Look up the reason code in the reference manual below to determine the action.**Reference:** z/OS MVS Authorized Assembler Services Guide SA22-7608. Chapter 25 "Dynamic Allocation". The reason code is two parts: eeee is the S99ERROR value, and iiii is the S99INFO value.**RC=540****Reason**=X'eeeeiiii'**Meaning:** During a request to compress a partitioned dataset, an attempt to dynamically allocate that dataset has failed.

Action: The dataset is in use and exclusive control could not be obtained. Exclusive control is required in order to initiate compression. Retry the request when the dataset is not in use. This is a dynamic allocation failure. Look up the reason code in the reference manual below to determine the action.

Reference: z/OS MVS Authorized Assembler Services Guide SA22-7608. Chapter 25 "Dynamic Allocation". The reason code is two parts: eeee is the S99ERROR value, and iiiii is the S99INFO value.

RC=544

Reason=X'rrrrrrrr'

Meaning: A request was made to compress a dataset that is not partitioned.

Action: This is a user error. Only partitioned datasets can be compressed.

Reference: The reason code is the DSORG value for the requested dataset.

RC=548

Reason=X'eeeeiiii'

Meaning: During a request to compress a partitioned dataset, an attempt to dynamically allocate the SYSPRINT dataset for the IEBCOPY utility has failed.

Action: This is a dynamic allocation failure. Look up the reason code in the reference manual below to determine the action.

Reference: z/OS MVS Authorized Assembler Services Guide SA22-7608. Chapter 25 "Dynamic Allocation". The reason code is two parts: eeee is the S99ERROR value, and iiiii is the S99INFO value.

RC=552

Reason=X'rrrrssss'

Meaning: An attempt to locate a dataset during a rename request has failed

Action: The specified dataset name may have been deleted since the last refresh of the dataset mask. Refresh the dataset mask; if the dataset is still shown retry the request. If the request still fails, contact Compuware Customer Support and provide the reason code.

Reference: z/OS DFSMSdftp Advanced Services SC26-7400. Refer to Chapter 3 subsection "Retrieving Information by Dataset Name" and refer to the return codes for LOCATE / CAMLST NAME. The reason code values rrrr and ssss are the return and reason codes from the LOCATE macro, respectively.

RC=556

Reason=X'rrrrssss'

Meaning: An attempt to rename a dataset has failed

Action: The dataset selected for rename is in use by another user or task. If the reason code is X'00080007', or X'000400FF' then that is the cause. Retry the request when the dataset is not in use. For other reason codes, contact Compuware Customer Support and provide the code.

Reference: z/OS DFSMSdftp Advanced Services SC26-7400. Refer to Chapter 2 subsection "RENAME and CAMLST Macro Specification" and refer to the return codes for the RENAME macro. The reason code values rrrr and ssss are the return and reason codes from the RENAME macro, respectively.

RC=560

Reason=X'rrrrrrrr'

Meaning: During a request to rename, delete, catalog, or uncatalog a dataset, an OBTAIN macro failed when trying to locate the format-1 DSCB.

Action: In the unlikely event this error occurs, check the reason code for one of the following:

00000004 - The volume where the dataset resides is not mounted

00000008 - The dataset could not be found on the volume's VTOC

0000000C - I/O error reading the format-1 DSCB

00000010 - Invalid work area pointer. This is an internal error, contact Compuware Customer Support

Reference: z/OS DFSMSdftp Advanced Services SC26-7400. Refer to Chapter 1 subsection "Accessing the VTOC with DASDM Macros" and refer to the return codes for OBTAIN / CAMLST SEARCH. The reason code returned is the register 15 return code from the OBTAIN macro.

RC=564**Reason**=X'rrrrrrrr'**Meaning:** A request to uncatalog a dataset has failed.**Action:** In the unlikely event this error occurs, check the reason code for the following value:

00FF0001 - The dataset is SMS managed and cannot be uncatalogued.

SMS managed datasets cannot be uncatalogued. This is normal operation of the system and not an error by Xpediter/Eclipse. For all other codes, this is a probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS DFSMSdfp Advanced Services SC26-7400. Refer to Chapter 3 subsection "Using non-VSAM Data Set Catalog Entries" and refer to the return codes for the catalog processor. The reason code returned is the register 15 return code from the CATALOG macro. The X'00FF0001' is a Compuware internal return code denoting SMS management and is not documented in this z/OS reference manual.

RC=568**Reason**=X'rrrrrrrr'**Meaning:** A request to catalog a dataset has failed.

Action: Verify that the volume specified is mounted and available for use. Verify that the dataset name being cataloged is not already a duplicate of an existing name. Look up the reason code in the reference below to determine the cause. Contact Compuware Customer Support for assistance if necessary.

Reference: z/OS DFSMSdfp Advanced Services SC26-7400. Refer to Chapter 3 subsection "Using non-VSAM Data Set Catalog Entries" and refer to the return codes for the catalog processor. The reason code returned is the register 15 return code from the CATALOG macro.

RC=572**Reason**=X'rrrrrrrr'**Meaning:** During a request to catalog a dataset, the UCBSCAN macro has failed trying to determine the device type of the requested volume.

Action: Possible user error. The most likely cause is that the volume specified in the catalog request does not exist or is not mounted. If the volume is online and available and this error occurs, contact Compuware Customer Support for assistance and provide the reason code.

Reference: z/OS MVS Programming: Assembler Services SA22-7606. Refer to the UCBSCAN macro and its list of return and reason codes. The reason code values rrrr and ssss are the return and reason codes from the UCBSCAN macro, respectively.

RC=576**Reason**=X'rrrrssss'**Meaning:** An attempt to delete a dataset has failed

Action: The dataset selected for deletion may be in use by another user or task. If the reason code is X'00080007', or X'000400FF' then that is the cause. Retry the request when the dataset is not in use. For other reason codes, contact Compuware Customer Support and provide the reason code.

Reference: z/OS DFSMSdfp Advanced Services SC26-7400. Refer to Chapter 2 subsection "SCRATCH and CAMLST Macro Specification" and refer to the return codes for the SCRATCH macro. The reason code values rrrr and ssss are the return and reason codes from the SCRATCH macro, respectively.

RC=580**Reason**=X'rrrrrrrr'**Meaning:** A dataset has been deleted, and a follow-on request to uncatalog the deleted dataset has failed.**Action:** Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS DFSMSdfp Advanced Services SC26-7400. Refer to Chapter 3 subsection "Using non-VSAM Data Set Catalog Entries" and refer to the return codes for the catalog processor. The reason code returned is the register 15 return code from the CATALOG macro.

RC=584**Reason**=X'rrrrssss'

Meaning: An attempt to locate a dataset prior to its deletion has failed

Action: The specified dataset name may have been deleted or renamed since the last refresh of the dataset mask. Refresh the dataset mask; if the dataset is still shown retry the request. If the request still fails, contact Compuware Customer Support and provide the reason code.

Reference: z/OS DFSMSdfp Advanced Services SC26-7400. Refer to Chapter 3 subsection "Retrieving Information by Dataset Name" and refer to the return codes for LOCATE / CAMLST NAME. The reason code values rrrr and ssss are the return and reason codes from the LOCATE macro, respectively.

RC=588

Reason=X'rrrrrrrr'

Meaning: During an attempt to allocate a new dataset, one of the attributes assigned to the dataset was determined to be invalid or out of range.

Action: Normally, this error should not occur because these attributes are validated by Xpediter/Eclipse prior to being sent to the mainframe for the actual allocation. In the event that the error does occur however, examine the possible reason codes below for one of the following values to determine the invalid attribute. Correct the attribute and retry the request.

- 00000001 - Primary space value missing or invalid
- 00000002 - Secondary space value is invalid
- 00000003 - Number of directory blocks is invalid
- 00000004 - Expiration date is invalid
- 00000005 - The block size value is invalid
- 00000006 - The logical record length value is invalid
- 00000007 - The record format value is invalid
- 00000008 - An allocation type of CYLS or TRKS or BLKS not specified

Reference: None.

RC=592

Reason=X'eeeeiiii'

Meaning: During a request to allocate a new dataset, the allocation request has failed.

Action: This is a dynamic allocation failure. Look up the reason code in the reference manual below to determine the action.

Reference: z/OS MVS Authorized Assembler Services Guide SA22-7608. Chapter 25 "Dynamic Allocation". The reason code is two parts: eeee is the S99ERROR value, and iiii is the S99INFO value.

RC=596

Reason=X'00000000'

Meaning: During a request to compress a partitioned dataset, the requesting user's security level could not be set for the task so that the task could access the dataset.

Action: Probable internal error. Contact Compuware Customer Support for assistance.

Reference: None.

RC=600

Reason=X'eeeeiiii'

Meaning: During a request to edit a dataset, the allocation request has failed.

Action: This is a dynamic allocation failure. This error can occur if Xpediter/Eclipse cannot gain exclusive control of the dataset (DISP=OLD). If this is the cause, the reason code will be X'020Ciiii' or X'0210iiii'. For all other causes, look up the reason code in the reference manual below to determine the action.

Reference: z/OS MVS Authorized Assembler Services Guide SA22-7608. Chapter 25 "Dynamic Allocation". The reason code is two parts: eeee is the S99ERROR value, and iiii is the S99INFO value.

RC=604

Reason=X'rrrrrrrr'

Meaning: An attempt to enqueue on a dataset or member for the purpose of editing has failed.

Action: The dataset or member is probably in use by the same or a different user. Check the reason code below to determine possible causes. If the code is not listed, this is a probable environmental error and should be resolved by your system programming personnel. The dataset or member is probably enqueued by another job elsewhere in the system.

00000004 -Exclusive control of the dataset or member could not be obtained

Reference: z/OS MVS Programming: Assembler Services SA22-7606. Refer to the ENQ macro and its list of return codes. The reason code rrrrrrr is the ENQ return code.

RC=608

Reason=X'rrrrrrrr'

Meaning: An attempt to open a dataset for the purpose of editing has failed.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS DFSMS Macro Instructions for Datasets SC26-7408. Part 2 Non-VSAM Macro Instructions. Refer to the OPEN macro and its list of return codes. The reason code rrrrrrr is the OPEN return code.

RC=609

Reason=X'rrrrrrrr'

Meaning: During the retrieval of information about a dataset, an OBTAIN macro failed when trying to locate the format-1 DSCB.

Action: In the unlikely event this error occurs, check the reason code for one of the following:

00000004 - The volume where the dataset resides is not mounted

00000008 - The dataset could not be found on the volume's VTOC

0000000C - I/O error reading the format-1 DSCB

00000010 - Invalid work area pointer. This is an internal error, contact Compuware Customer Support

00000014 - The F1 DSCB address specified is not within the boundaries of the VTOC. Contact Compuware Technical Support.

Reference: z/OS DFSMSdfp Advanced Services SC26-7400. Refer to Chapter 1 subsection "Accessing the VTOC with DASDM Macros" and refer to the return codes for OBTAIN / CAMLST SEEK. The reason code returned is the register 15 return code from the OBTAIN macro.

RC=610

Reason=X'rrrrrrrr'

Meaning: During the retrieval of information about the VTOC on a volume, an OBTAIN macro failed when trying to locate the format-4 DSCB.

Action: In the unlikely event this error occurs, check the reason code for one of the following:

00000004 - The volume where the dataset resides is not mounted

00000008 - The F4 DSCB could not be found on the volume's VTOC

0000000C - I/O error reading the format-4 DSCB

00000010 - Invalid work area pointer. This is an internal error, contact Compuware Customer Support

00000014 - The F4 DSCB address specified is not within the boundaries of the VTOC. Contact Compuware Customer Support.

Reference: z/OS DFSMSdfp Advanced Services SC26-7400. Refer to Chapter 1 subsection "Accessing the VTOC with DASDM Macros" and refer to the return codes for OBTAIN / CAMLST SEEK. The reason code returned is the register 15 return code from the OBTAIN macro.

RC=611

Reason=X'rrrrssss'

Meaning: During the retrieval of information about a dataset, a DEVTYPE macro failed.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS DFSMSdfp Advanced Services SC26-7400. Refer to the chapter on "Using System Macro Instructions", subsection "Obtaining I/O Device Characteristics" and refer to the return codes for DEVTYPE. The reason code values rrrr and ssss are the return and reason codes from the DEVTYPE macro, respectively.

RC=612

Reason=X'rrrrssss'

Meaning: When attempting to browse or edit a partitioned dataset member, a failure occurred trying to locate the member's directory information.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS DFSMS Macro Instructions for Datasets SC26-7408. Part 2 Non-VSAM Macro Instructions. Refer to the BLDL macro and its list of return codes. The reason code values rrrr and ssss are the return and reason codes from the BLDL macro, respectively.

RC=613

Reason=X'eeeeiiii'

Meaning: During a request to save a dataset's contents, the allocation request has failed for a temporary dataset.

Action: This is a dynamic allocation failure. Look up the reason code in the reference manual below to determine the action.

Reference: z/OS MVS Authorized Assembler Services Guide SA22-7608. Chapter 25 "Dynamic Allocation". The reason code is two parts: eeee is the S99ERROR value, and iiii is the S99INFO value.

RC=616

Reason=X'rrrrssss'

Meaning: When attempting to browse or edit a partitioned dataset member, a failure occurred trying to locate the member's directory information.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS DFSMS Macro Instructions for Datasets SC26-7408. Part 2 Non-VSAM Macro Instructions. Refer to the FIND macro and its list of return codes. The reason code values rrrr and ssss are the return and reason codes from the FIND macro, respectively.

RC=620

Reason=X'rrrrrrrr'

Meaning: When attempting to read a dataset or member during a browse or edit request, the read has failed.

Action: Probable I/O or environmental error. Investigate the HCL job log for unusual error messages and/or abend codes, such as S 001-xx. This can be a difficult error to diagnose. The reason code is the first four bytes of the DECB after a BSAM/BPAM READ/CHECK macro has completed. This return code will be issued whenever the post code within the DECB (the first byte of the reason code) is not equal to X'7F'. The X'7F' value is considered a successful read and any other value is an error condition. If the error cannot be determined, contact Compuware Customer Support for assistance and provide the reason code as well as any other requested documentation related to the problem.

Reference: z/OS DFSMS Macro Instructions for Datasets SC26-7408, and z/OS DFSMS Using Data Sets SC26-7410. Refer to the READ and CHECK macros and the processing of sequential and partitioned datasets. The reason code value is the first 4 bytes of the DECB after the CHECK macro completes.

RC=624

Reason=X'rrrrrrrr'

Meaning: When attempting to close an Xpediter/Eclipse edit session or save a dataset or member within an edit session, an error occurred because the request from Xpediter/Eclipse could not be matched up with datasets or members considered to be in edit mode on the mainframe.

Action: Probable internal error. Contact Compuware Customer Support for assistance and provide the return and reason code as well as any other requested documentation related to the problem.

Reference: None.

RC=632

Reason=X'00000000'

Meaning: A Save As... request was issued but no new member name was specified.

Action: Probable user error. A member name is required by a Save As... request.

Reference: None.

RC=636

Reason=X'rrrrrrr'

Meaning: During a Save or Save As... request, a parsing error occurred while processing the inbound datastream to be written to the dataset.

Action: Some of the data may or may not be written to the dataset. This is an internal error. Contact Compuware Customer Support for assistance and provide the reason code.

Reference: None.

RC=640

Reason=X'rrrrrrr'

Meaning: When attempting to write to a dataset or member during a Save or Save As... request, the write operation has failed.

Action: Probable I/O or environmental error. Investigate the HCl job log for unusual error messages and/or abend codes, such as S 001-xx. This can be a difficult error to diagnose. The reason code is the first four bytes of the DECB after a BSAM/BPAM WRITE/CHECK macro has completed. This return code will be issued whenever the post code within the DECB (the first byte of the reason code) is not equal to X'7F'. The X'7F' value is considered a successful write and any other value is an error condition. If the error cannot be determined, contact Compuware Customer Support for assistance and provide the reason code as well as any other requested documentation related to the problem.

Reference: z/OS DFSMS Macro Instructions for Datasets SC26-7408, and z/OS DFSMS Using Data Sets SC26-7410. Refer to the WRITE and CHECK macros and the processing of sequential and partitioned datasets. The reason code value is the first 4 bytes of the DECB after the CHECK macro completes.

RC=644

Reason=X'rrrrsss'

Meaning: During a Save or Save As... request, an attempt to replace a member of a partitioned dataset as failed.

Action: Check the return codes listed below for a probable cause. If the code is not listed, contact Compuware Customer Support and provide the reason code.

Reference: z/OS DFSMS Macro Instructions for Datasets SC26-7408. Part 2 Non-VSAM Macro Instructions. Refer to the STOW macro (R form) and its list of return codes. The reason code rrrr is the STOW return code and ssss is the STOW reason code.

00080000 - The member to be replaced did not exist, member was added

000C0000 - No space exists in the partitioned dataset directory.

001C0000 - Cannot replace a member of a PDSE program library

RC=648

Reason=X'rrrrsss'

Meaning: During a Save or Save As... request, an attempt to add a member of a partitioned dataset as failed.

Action: Check the return codes listed below for a probable cause. If the code is not listed, contact Compuware Customer Support and provide the reason code.

Reference: z/OS DFSMS Macro Instructions for Datasets SC26-7408. Part 2 Non-VSAM Macro Instructions. Refer to the STOW macro (A form) and its list of return codes. The reason code rrrr is the STOW return code and ssss is the STOW reason code.

00040000 - The member name to be added already exists

000C0000 - No space exists in the partitioned dataset directory.

001C0000 - Cannot add a member to a PDSE program library

RC=652

Reason=X'rrrrsss'

Meaning: During a Save or Save As... request, an attempt to add a member of a partitioned dataset was denied because the requesting user does not have update authority for the dataset.

Action: Dataset access has been denied by the system security product. Contact your installation's security personnel. The reason code is the return code from the System Authorization Facility (SAF). The rrrr value is the SAF return code, and the ssss value is the SAF reason code.

Reference: None

RC=656

Reason=X'rrrrrrr'

Meaning: During a Save or Save As... request, an attempt to obtain a storage area to hold the inbound user data to be written to the dataset has failed.

Action: Insufficient storage exists in the HCI address space. Have your system programmer increase the HCI region size, or retry the request when fewer Xpediter/Eclipse users are connected to the mainframe.

Reference: z/OS MVS Programming: Assembler Services SA22-7606. Refer to the GETMAIN RC macro and its list of return codes. The reason code rrrrrrr is the GETMAIN return code.

RC=660

Reason=X'rrrrrrr'

Meaning: During a request to move or copy data, certain attributes of the source and destination datasets are validated. This error occurs when a validation check is detected.

Action: Normally, this error condition should be handled by a dialog within Xpediter/Eclipse. However, in the event that this return code occurs, examine the reason code values below to determine the cause, and correct the condition detected is possible and retry the request.

Reason Code Meaning

0000001 - The source and destination datasets are the same dataset, which is invalid for sequential datasets.

0000002 - The source dataset has an unsupported DSORG value. Only PS and PO type datasets are supported.

0000003 - The source dataset specified is not a partitioned dataset, but a member name was specified on the request.

0000004 - No member name was specified (implying a sequential dataset) but the source dataset was not sequential.

0000005 - The destination dataset has an unsupported DSORG value. Only PS and PO type datasets are supported.

0000006 - The destination dataset specified is not a partitioned dataset, but a member name was specified on the request.

0000007 - No member name was specified (implying a sequential dataset) but the destination dataset was not sequential.

0000008 - The source dataset's LRECL value is less than the LRECL value of the destination dataset. Therefore, if the user elects to proceed, the records will be copied and padded with blanks on the right in the destination dataset.

0000009 - The source dataset's LRECL value is greater than the LRECL value of the destination dataset. Therefore, if the user elects to proceed, the records will be copied and truncated to the length of the destination dataset.

000000A - Cannot copy a sequential or PDS type dataset into a VSAM dataset.

000000B - Cannot copy a VSAM dataset into a non-VSAM dataset.

000000C - The source dataset is a VSAM dataset but is an unsupported type. Only KSDS, RRDS, ESDS, and LINEAR datasets are supported. Catalogs are not supported.

000000D - The destination dataset is a VSAM dataset but is an unsupported type. Only KSDS, RRDS, ESDS, and LINEAR datasets are supported. Catalogs are not supported.

000000E - The source and destination VSAM datasets are not the same VSAM type.

Reference: None

RC=664**Reason**=X'eeeeiiii'**Meaning:** During a request to move or copy a dataset, the allocation request has failed.**Action:** This is a dynamic allocation failure. The source or the destination dataset could not be allocated. This error can occur if Xpediter/Eclipse cannot gain exclusive control of the destination dataset (DISP=OLD). If this is the cause, the reason code will be X'020Ciiii' or X'0210iiii'. For all other causes, look up the reason code in the reference manual below to determine the action.**Reference:** z/OS MVS Authorized Assembler Services Guide SA22-7608. Chapter 25 "Dynamic Allocation". The reason code is two parts: eeee is the S99ERROR value, and iiii is the S99INFO value.**RC=666****Reason**=X'00000002'**Meaning:** The connection to HCI has been broken and the TP has ended. This can occur due to line errors or poor wireless connections. It can also occur if Topaz Workbench is terminated without exiting normally (for example, powering off a workstation while Topaz Workbench is active).**Action:** The connection was terminated. Reinitiate the connection. The issuance of this return code is not necessarily abnormal and may be ignored.**Reference:** None.**RC=668****Reason**=X'rrrrrrrr'**Meaning:** During a move or copy request, an attempt to open the source dataset has failed.**Action:** Probable internal error. Contact Compuware Customer Support and provide the reason code.**Reference:** z/OS DFSMS Macro Instructions for Datasets SC26-7408. Part 2 Non-VSAM Macro Instructions. Refer to the OPEN macro and its list of return codes. The reason code rrrrrrr is the OPEN return code.**RC=669****Reason**=X'rrrrssss'**Meaning:** During an attempt to open the VSAM source dataset (FROM dataset) in a copy operation, the OPEN macro has failed.**Action:** The most likely cause is the source dataset is empty; check the return code to see if it matches the return code described below. If it does, this dataset cannot be copied since it contains no records. For other return codes, this is a probable internal error. Contact Compuware Customer Support and provide the reason code.**Reference:** z/OS DFSMS Macro Instructions for Datasets SC26-7408. Part 1 VSAM Macro Instructions. Refer to the OPEN macro and its list of return codes in Chapter 3 which describes both the OPEN return codes and the ACBERFLG codes. The reason code rrrr is the OPEN return code, and the ssss value is the value returned in ACBERFLG. One commonly seen reason code:**000800A0** - The source dataset is empty (contains no records to copy)**RC=670****Reason**=X'00xyyzz'**Meaning:** During an attempt to determine the type of the VSAM source dataset (FROM dataset) in a copy operation, the type and its attributes were not identified.**Action:** Ensure the type of destination VSAM dataset is one of KSDS, RRDS, ESDS, or LINEAR. Any other type is not supported. If the VSAM type is one of the four supported types and this error occurs, contact Compuware Customer Support and provide the reason code.**Reference:** None.**RC=672****Reason**=X'rrrrrrrr'**Meaning:** During a move or copy request, an attempt to open the destination dataset has failed.**Action:** Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS DFSMS Macro Instructions for Datasets SC26-7408. Part 2 Non-VSAM Macro Instructions. Refer to the OPEN macro and its list of return codes. The reason code rrrrrrr is the OPEN return code.

RC=673

Reason=X'rrrrssss'

Meaning: During an attempt to open the VSAM destination dataset (TO dataset) in a copy operation, the OPEN macro has failed.

Action: The most likely cause is the destination dataset is not reusable; check the return code to see if it matches the return code described below. If it does, this dataset cannot be the target of a copy because it is not reusable. For other return codes, this is a probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS DFSMS Macro Instructions for Datasets SC26-7408. Part 1 VSAM Macro Instructions. Refer to the OPEN macro and its list of return codes in Chapter 3 which describes both the OPEN return codes and the ACBERFLG codes. The reason code rrrr is the OPEN return code, and the ssss value is the value returned in ACBERFLG. One commonly seen reason code:

000800E8 - The destination dataset is not empty and does not have the REUSE attribute.

RC=674

Reason=X'00xyzzz'

Meaning: During an attempt to determine the type of the VSAM destination dataset (TO dataset) in a copy operation, the type and its attributes were not identified.

Action: Ensure the type of destination VSAM dataset is one of KSDS, RRDS, ESDS, or LINEAR. Any other type is not supported. If the VSAM type is one of the four supported types and this error occurs, contact Compuware Customer Support and provide the reason code.

Reference: None.

RC=676

Reason=X'rrrrrrrr'

Meaning: An attempt to enqueue on the destination dataset or member for the purpose of moving or copying that member has failed.

Action: The dataset or member is probably in use by the same or a different user. Check the reason code below to determine possible causes. If the code is not listed, this is a probable environmental error and should be resolved by your system programming personnel. The dataset member is probably enqueued by another job elsewhere in the system.

00000004 -Exclusive control of the member could not be obtained

Reference: z/OS MVS Programming: Assembler Services SA22-7606. Refer to the ENQ macro and its list of return codes. The reason code rrrrrrr is the ENQ return code.

RC=680

Reason=X'rrrrrrrr'

Meaning: When attempting to read a dataset or member during a move or copy request, the read has failed.

Action: Probable I/O or environmental error. Investigate the HCL job log for unusual error messages and/or abend codes, such as S 001-xx. This can be a difficult error to diagnose. The reason code is the first four bytes of the DECB after a BSAM/BPAM READ/CHECK macro has completed. This return code will be issued whenever the post code within the DECB (the first byte of the reason code) is not equal to X'7F'. The X'7F' value is considered a successful read and any other value is an error condition. If the error cannot be determined, contact Compuware Customer Support for assistance and provide the reason code as well as any other requested documentation related to the problem.

Reference: z/OS DFSMS Macro Instructions for Datasets SC26-7408, and z/OS DFSMS Using Data Sets SC26-7410. Refer to the READ and CHECK macros and the processing of sequential and partitioned datasets. The reason code value is the first 4 bytes of the DECB after the CHECK macro completes.

RC=681

Reason=X'xxxxyyyy'

Meaning: During an attempt to read a record from the VSAM source dataset (FROM dataset) in a copy operation, the GET macro has failed.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS DFSMS Macro Instructions for Datasets SC26-7408. Part 1 VSAM Macro Instructions. Refer to the RPL based list of return codes in Chapter 3 which describes both the GET/PUT return codes and reason codes. The reason code xxxx is the GET return code, and the yyyy value is the value returned in RPLERRCD.

RC=684

Reason=X'rrrrrrrr'

Meaning: When attempting to write to a dataset or member during a move or copy request, the write operation has failed.

Action: Probable I/O or environmental error. Investigate the HCl job log for unusual error messages and/or abend codes, such as S 001-xx. This can be a difficult error to diagnose. The reason code is the first four bytes of the DECB after a BSAM/BPAM WRITE/CHECK macro has completed. This return code will be issued whenever the post code within the DECB (the first byte of the reason code) is not equal to X'7F'. The X'7F' value is considered a successful write and any other value is an error condition. If the error cannot be determined, contact Compuware Customer Support for assistance and provide the reason code as well as any other requested documentation related to the problem.

Reference: z/OS DFSMS Macro Instructions for Datasets SC26-7408, and z/OS DFSMS Using Data Sets SC26-7410. Refer to the WRITE and CHECK macros and the processing of sequential and partitioned datasets. The reason code value is the first 4 bytes of the DECB after the CHECK macro completes.

RC=685

Reason=X'xxxxyyyy'

Meaning: During an attempt to write a record to the VSAM destination dataset (TO dataset) in a copy operation, the PUT macro has failed.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS DFSMS Macro Instructions for Datasets SC26-7408. Part 1 VSAM Macro Instructions. Refer to the RPL based list of return codes in Chapter 3 which describes both the GET/PUT return codes and reason codes. The reason code xxxx is the PUT return code, and the yyyy value is the value returned in RPLERRCD.

RC=688

Reason=X'rrrrssss'

Meaning: When attempting to move or copy a partitioned dataset member, a failure occurred trying to locate the member's directory information in the source dataset.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS DFSMS Macro Instructions for Datasets SC26-7408. Part 2 Non-VSAM Macro Instructions. Refer to the BLDL macro and its list of return codes. The reason code values rrrr and ssss are the return and reason codes from the BLDL macro, respectively.

RC=692

Reason=X'rrrrssss'

Meaning: When attempting to move or copy a partitioned dataset member, a failure occurred trying to locate the member's directory information in the source dataset.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS DFSMS Macro Instructions for Datasets SC26-7408. Part 2 Non-VSAM Macro Instructions. Refer to the FIND macro and its list of return codes. The reason code values rrrr and ssss are the return and reason codes from the FIND macro, respectively.

RC=696

Reason=X'rrrrssss'

Meaning: During a move or copy request, an attempt to replace a member within the destination dataset as failed.

Action: Check the return codes listed below for a probable cause. If the code is not listed, contact Compuware Customer Support and provide the reason code.

Reference: z/OS DFSMS Macro Instructions for Datasets SC26-7408. Part 2 Non-VSAM Macro Instructions. Refer to the STOW macro (R form) and its list of return codes. The reason code rrrr is the STOW return code and ssss is the STOW reason code.

00080000 - The member to be replaced did not exist, member was added

000C0000 - No space exists in the partitioned dataset directory.

001C0000 - Cannot replace a member of a PDSE program library

RC=700

Reason=X'rrrrssss'

Meaning: During a move or copy request, an attempt to add a member to the destination dataset as failed.

Action: Check the return codes listed below for a probable cause. If the code is not listed, contact Compuware Customer Support and provide the reason code.

Reference: z/OS DFSMS Macro Instructions for Datasets SC26-7408. Part 2 Non-VSAM Macro Instructions. Refer to the STOW macro (A form) and its list of return codes. The reason code rrrr is the STOW return code and ssss is the STOW reason code.

00040000 - The member name to be added already exists

000C0000 - No space exists in the partitioned dataset directory.

001C0000 - Cannot add a member to a PDSE program library

RC=704

Reason=X'rrrrssss'

Meaning: When attempting to move or copy a partitioned dataset member, a failure occurred trying to locate the member's directory information in the destination dataset.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS DFSMS Macro Instructions for Datasets SC26-7408. Part 2 Non-VSAM Macro Instructions. Refer to the FIND macro and its list of return codes. The reason code values rrrr and ssss are the return and reason codes from the FIND macro, respectively.

RC=708

Reason=X'00000000'

Meaning: During a move request, an undesirable outcome occurred in the destination dataset (for example, member was not replaced). Therefore, this return code is used to indicate to Xpediter/Eclipse that it should not delete the source dataset or member since the copy portion of the move operation did not fully complete.

Action: None. This is an internal notification to Xpediter/Eclipse to not delete the source dataset or member on a move request.

Reference: None.

RC=712

Reason=X'00000004'

Meaning: During a move or copy request, a member was not replaced.

Action: The member was not replaced because the Replace option was not specified. This is not an error in copying or moving the member, rather it is only an indication that the request did not succeed because the member could not be replaced.

Reference: None.

RC=720

Reason=X'rrrrrrrr'

Meaning: A dataset has been renamed, but a follow-on request to uncatalog the original name has failed.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS DFSMSdfp Advanced Services SC26-7400. Refer to Chapter 3 subsection "Using non-VSAM Data Set Catalog Entries" and refer to the return codes for the catalog processor. The reason code returned is the register 15 return code from the CATALOG macro.

RC=724

Reason=X'rrrrrrrr'

Meaning: A dataset has been renamed, but a follow-on request to catalog the new name has failed.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS DFSMSdfp Advanced Services SC26-7400. Refer to Chapter 3 subsection "Using non-VSAM Data Set Catalog Entries" and refer to the return codes for the catalog processor. The reason code returned is the register 15 return code from the CATALOG macro.

RC=728

Reason=X'rrrrssss'

Meaning: An attempt to locate a dataset prior to uncataloging it has failed

Action: The specified dataset name may have been deleted or renamed since the last refresh of the dataset mask. Refresh the dataset mask; if the dataset is still shown retry the request. If the request still fails, contact Compuware Customer Support and provide the reason code.

Reference: z/OS DFSMSdfp Advanced Services SC26-7400. Refer to Chapter 3 subsection "Retrieving Information by Dataset Name" and refer to the return codes for LOCATE / CAMLST NAME. The reason code values rrrr and ssss are the return and reason codes from the LOCATE macro, respectively.

RC=732

Reason=X'00080003'

Meaning: An attempt to rename a dataset has failed. The new dataset name already exists.

Action: The rename request failed because the new name being chosen already exists. Choose a different name and retry the request. This return code may also present reason code X'00000000'; the meaning is identical.

Reference: z/OS DFSMSdfp Advanced Services SC26-7400. Refer to Chapter 2 subsection "RENAME and CAMLST Macro Specification" and refer to the return codes for the RENAME macro. The reason code values rrrr and ssss are the return and reason codes from the RENAME macro, respectively.

RC=740

Reason=X'rrrrssss'

Meaning: An attempt to locate a dataset has failed (dataset validation request).

Action: Probable user error. The specified dataset name may have been incorrectly typed or the dataset simply does not exist. Verify the specified dataname and if correct, contact Compuware Customer Support and provide the reason code.

Reference: z/OS DFSMSdfp Advanced Services SC26-7400. Refer to Chapter 3 subsection "Retrieving Information by Dataset Name" and refer to the return codes for LOCATE / CAMLST NAME. The reason code values rrrr and ssss are the return and reason codes from the LOCATE macro, respectively.

RC=744

Reason=X'00000000'

Meaning: No IMS MPP transaction codes have been defined.

Action: Probable installation error. When Xpediter/TSO support for Xpediter/Eclipse is installed, the installer runs a utility program called XTCSPFIN, which initializes the Compuware Shared Profile dataset with the IMS MPP transaction codes. This step either has not been performed, or no IMS MPP transaction codes were defined when the utility program was executed. Ask the installer to specify the appropriate codes and rerun the utility. If the error persists and transaction codes have been specified as indicated in the documentation reference below, contact Compuware Customer Support for assistance.

Reference: Xpediter/TSO Installation Guide

RC=756

Reason=X'rrrrrrrr'

Meaning: A delete request has failed for a migrated dataset.

Action: Check the return codes listed below for a probable cause. If the code is not listed, contact Compuware Customer Support and provide the reason code.

Reference: IBM's z/OS DFSMSdsm *Managing Your Own Data SC35-0420* (see Chapter 22, "Using DFSMSdsm User Macros", in section "Register Usage for Return Codes"). The reason code rrrrrrrr is the ARCHDEL macro return code.

00000002 - Dataset name specified did not exist

00000027 - Insufficient access authority
 00000064 - DFSMS is not active on the system
 00000192 - Dataset name not found
 00000193 - Dataset name was * or blank
 00000806 - Error linking to DFSMS service
 00000zzz -Any other value: HDELETE function failed

RC=760

Reason=X'00000000'

Meaning: The member name specified does not exist. This member was being specified in the Xpediter/Eclipse batch debugging launch dialog.

Action: Probable user error. Check that the member name specified does exist in the specified dataset, or choose another existing member name.

Reference: None.

RC=764

Reason=X'00000000'

Meaning: An attempt to browse or edit a partitioned dataset has failed because no member name was specified.

Action: Probable user error. If the dataset type is partitioned, a member name is required.

Reference: None.

RC=768

Reason=X'00000000'

Meaning: During an attempt to cancel a job or its output, the security level of the user could not be validated. The attempt is aborted.

Action: Verify that the user ID that was signed on to the session is defined within the security package on your system. If the error persists, contact Compuware Customer Support for assistance.

Reference: None.

RC=769

Reason=X'00000000'

Meaning: During an attempt to issue a console operator command, the command syntax was found to be invalid. The attempt is aborted.

Action: Verify that the command issued is using the command's proper syntax.

Reference: None.

RC=772

Reason=X'xxxxxxxx'

Meaning: The user has insufficient authority to purge or cancel the specified job or to issue a console operator command.

Action: If the reason code is 00000000, add the dataset containing the TP load module (CXTMAIN) to the APF dataset list. For all other return codes, the user cannot cancel the job or purge the output due to insufficient authority as determined by the system security software. The reason code consists of the following security information:

00000000 – TP is not APF-authorized (not common; should not occur)

FFFFFFF – BY-USERID configuration setting has determined that the connected user is not the owner of the selected output.

ssrrcccc – The return codes from a RACROUTE AUTH macro, where:

ss – is the SAF RC

rr – is the RACF RC

cccc – is the reason

Typically, insufficient access authority to purge output would result in a reason code value of 08080000.

Reference: None.

RC=776

Reason=X'rrrrrrrr'

Meaning: During an attempt to issue a console operator command, the attempt was aborted because the user does not have sufficient authority to issue the command.

Action: Contact your security administrator.

Reference: None.

RC=777

Reason=X'0000000x'

Meaning: The connection with the client workstation has been terminated and the TP has ended. The termination is because either the TP Administrator forcibly terminated the TP, or the TP timed out due to inactivity.

Action: Reinitiate the connection. If TPs are being terminated for inactivity with an undesirable frequency, the inactivity time out value can be controlled by the INACTIVITY statement in the TP Configuration File member.

Reference: The reason code x for this return code is one of these values:

00000000 - TP was terminated by the TP Administrator

00000001 - TP was terminated due to inactivity.

RC=780

Reason=X'00000000'

Meaning: During an attempt to cancel a job or its output, it was determined that the primary subsystem is not JES2 or JES3.

Action: Only JES2 and JES3 subsystems are supported; and one of them must be the primary subsystem. Contact your system installer for assistance.

Reference: None

RC=784

Reason=X'00000000'

Meaning: The TP is not APF-authorized and therefore cannot issue a Start command.

Action: Add the dataset containing the TP load module (CXTPMAIN) to the APF dataset list.

Reference: None.

RC=785

Reason=X'00000000'

Meaning: During a search to locate the HCI, the HCI's jobname could not be found.

Action: Restart the HCI if it is inactive.

Reference: None.

RC=786

Reason=X'rrrrrrrr'

Meaning: A failure occurred attempting to establish a connection with the HCI.

Action: Probable internal error. Contact Compuware Customer Support for assistance.

Reference: z/OS MVS Authorized Assembler Services Reference SA22-7609. Refer to the ALESERV macro and its list of return codes and reason codes. The reason code rrrrrrrr is the return code from ALESERV.

RC=787

Reason=X'rrrrrrrr'

Meaning: A failure occurred attempting to synchronize communication with HCI.

Action: Probable internal error. Contact Compuware Customer Support for assistance.

Reference: z/OS MVS Authorized Assembler Services Reference SA22-7609. Refer to the POST macro and its list of return codes and reason codes. The reason code rrrrrrr is the return code from POST.

RC=788

Reason=X'00000000'

Meaning: The TP load module name is unknown.

Action: This is an internal error. Contact Compuware Customer Support for assistance.

Reference: None.

RC=789

Reason=X'00000000'

Meaning: Unable to obtain version check information.

Action: This is an internal error. Contact Compuware Customer Support for assistance.

Reference: None.

RC=790

Reason=X'00000000'

Meaning: Unable to obtain version check information. A timer has expired while waiting for it to be returned.

Action: This is an internal error. Contact Compuware Customer Support for assistance.

Reference: None.

RC=791

Reason=X'00000000'

Meaning: A version check was issued inside a started-task, which is improper operation.

Action: This is an internal error. Contact Compuware Customer Support for assistance.

Reference: None.

RC=792

Reason=X'00000000'

Meaning: The started-task TP procedure name was not specified in the TP Configuration File member.

Action: Specify the STASK statement in the TP Configuration File member with the 8-character procedure name of the TP started-task procedure.

Reference: Topaz Workbench Installation Guide

RC=796

Reason=X'rrrrrrrr'

Meaning: During an attempt to issue a Start command to run a started-task TP, the attempt was aborted by the system.

Action: Probable internal error. Contact Compuware Customer Support for assistance.

Reference: z/OS MVS Authorized Assembler Services Reference SA22-7609. Refer to the MCGRE macro and its list of return codes and reason codes. The reason code rrrrrrr is the return code from MCGRE.

RC=800

Reason=X'rrrrrrrr'

Meaning: During an attempt to run a started-task TP, the attempt failed when the HCI conversation could not be passed to the started-task TP.

Action: Probable internal error, CW_PCNV has failed. Contact Compuware Customer Support for assistance and provide the return code and HCI output.

Reference: None.

RC=806

Reason=X'rrrrrrrr'

Meaning: A load failed for a module needed to support a request.

Action: Probable installation/configuration error. The reason code is the abend code that would have occurred by the failure of a LOAD macro. The most probable code is 08060004 which means the module could not be found. Verify that the HCI STEPLIB concatenation contains all of the datasets needed to support your request.

Reference: ECC Installation and Customization Guide.

RC=812

Reason=X'rrrrrrrr'

Meaning: During a request to launch a debugging session, an attempt to get the TCP/IP client ID and socket number of this TP conversation has failed. The return code is from CW_GCID.

Action: Probable internal error. Contact Compuware Customer Support for assistance.

Reference: None.

RC=816

Reason=X'rrrrrrrr'

Meaning: During a request to launch a debugging session, an attempt to pass the socket to the application being debugged (via TCP/IP GIVESOCKET) has failed. The return code is from CW_GSOK.

Action: Probable internal error. Contact Compuware Customer Support for assistance.

Reference: None.

RC=820

Reason=X'rrrrrrrr'

Meaning: During a request to launch a debugging session, the request timed-out because no connection to the application to be debugged could be established. The return code is from CW_SELCL.

Action: Probable user or configuration error. Verify that the application being debugged has started, and that it is executing on the same LPAR as the HCI that you are connected with. If the error persists, contact Compuware Customer Support for assistance.

Reference: None.

RC=832

Reason=X'rrrrrrrr'

Meaning: While attempting to retrieve a list of members from a PDS or PDSE directory, the dataset specified is not partitioned.

Action: Probable user error. Ensure the dataset specified is partitioned (DSORG=PO).

Reference: None.

RC=836

Reason=X'eeeeiiii'

Meaning: During a request to retrieve JES spool output, the allocation request has failed.

Action: This is a dynamic allocation failure. Look up the reason code in the reference manual below to determine the action.

Reference: z/OS MVS Authorized Assembler Services Guide SA22-7608. Chapter 25 "Dynamic Allocation". The reason code is two parts: eeee is the S99ERROR value, and iiii is the S99INFO value. Commonly received reason codes:

0278 0000 - The dataset was migrated. Recall the dataset and retry.

1708 0002 - The dataset does not exist. Specify a different dataset.

RC=840

Reason=X'rrrrrrrr'

Meaning: While attempting to retrieve JES spool output, an OPEN macro failed opening the JES spool dataset.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS DFSMS Macro Instructions for Datasets SC26-7408. Part 1 VSAM Macro Instructions. Refer to the OPEN macro and its list of return codes. The reason code rrrrrrr is the OPEN return code.

RC=844

Reason=X'rrrrrrr'

Meaning: While attempting to retrieve JES spool output, an GET macro failed opening the JES spool dataset.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS DFSMS Macro Instructions for Datasets SC26-7408. Part 1 VSAM Macro Instructions. Refer to the GET macro and its list of return codes. The reason code rrrrrrr is the value returned in RPLFDBWD.

RC=848

Reason=X'rrrrrrr'

Meaning: Host Explorer could not validate that a validly licensed Compuware mainframe product exists on the LPAR.

Action: At least one Compuware product must have a valid license certificate on this LPAR for Host Explorer to function. If you believe this return code is issued in error, contact Compuware Customer Support and provide the reason code.

Reference: None.

RC=852

Reason=X'rrrrrrr'

Meaning: A licensing service error was received while trying to validate a Compuware license.

Action: At least one Compuware product must have a valid license certificate on this LPAR for Host Explorer to function. If you believe this return code is issued in error, contact Compuware Customer Support and provide the reason code.

Reference: None.

RC=880

Reason=X'rrrrrrr'

Meaning: During the allocation of a VSAM dataset, invalid parameters were specified, or critical parameters were omitted. The dataset could not be allocated.

Action: Locate the reason code in the table below to identify the cause of the error. Correct the parameter specification or supply the identified missing parameter and retry the allocation request.

Reference: None

RC and Reason codes for VSAM allocation

C/D/I column indicates error applies to Cluster, Data, or Index component.

RC	Reason	C/D/I	Description
0	0		Request successfully processed
880	1	C	<cluster> tag not specified, required.
880	2	C	Cluster type is not a valid value
880	3	C	Expiration date specification is not numeric
880	4	C	Expiration date year is not in the range 1900-2099 inclusive
880	5	C	Expiration date month is not in the range 01-12 inclusive
880	6	C	Expiration date day is not valid for the specified month
880	7		--unassigned
880	8	D	Allocation units type specification is not a valid value
880	9	C/D	No allocation units were specified for cluster or data

RC	Reason	C/D/I	Description
880	A	D	Primary is not numeric
880	B	D	Primary is zero
880	C	D	Secondary is not numeric
880	D	I	Allocation units type specification is not a valid value
880	E		--unassigned
880	F	I	Primary is not numeric
880	10	I	Primary is zero
880	11	I	Secondary is not numeric
880	12	D	Bufferspace is not numeric
880	13	D	CI size is not numeric
880	14	I	CI size is not numeric
880	15	D	CI size is larger than 32768
880	16	I	CI size is larger than 32768
880	17	D	Freespace CI is not numeric
880	18	D	Freespace CI is larger than 100
880	19	D	Freespace CA is not numeric
880	1A	D	Freespace CA is larger than 100
880	1B	D	Record size maximum is not numeric
880	1C	D	Record size specification is invalid for LINEAR clusters
880	1D	D	Record size maximum is not in the range 1-32716 inclusive for non-spanned records
880	1E	D	Record size maximum is zero
880	1F	D	Record size average is not numeric
880	20	D	Record size average is zero
880	21	C/D	Record size average is larger than the record size maximum
880	22	D	Key length and/or key offset position invalid for ESDS/LINEAR cluster types
880	23	D	Key offset position is not numeric
880	24	C/D	Key offset position is greater than the maximum record size less the key length
880	25	D	Key length is not numeric
880	26	D	Key length is not in the range 1-255 inclusive
880	27	D	Both record size average and record size maximum must be specified together. One of them was omitted.
880	28	D	Both key length and key offset position must be specified together. One of them was omitted.
880	29	D	Shareoption 1 is not in the range 1-4 inclusive
880	2A	D	Shareoption 2 is not in the range 3-4 inclusive
880	2B	I	Shareoption 1 is not in the range 1-4 inclusive
880	2C	I	Shareoption 2 is not in the range 3-4 inclusive
880	2D	C/D	No primary space value was specified for either cluster or data; one of them must be specified.

RC	Reason	C/D/I	Description
880	2E	C	No cluster name was specified
880	2F		--unassigned
880	30	C	Allocation units type specification is not a valid value
880	31		--unassigned
880	32	C	Primary is not numeric
880	33	C	Primary is zero
880	34	C	Secondary is not numeric
880	35	C	Bufferspace is not numeric
880	36	C	CI size is not numeric
880	37	C	CI size is larger than 32768
880	38	C	Freespace CI is not numeric
880	39	C	Freespace CI is larger than 100
880	3A	C	Freespace CA is not numeric
880	3B	C	Freespace CA is larger than 100
880	3C	C	Record size maximum is not numeric
880	3D	C	Record size specification is invalid for LINEAR clusters
880	3E	C	Record size maximum is not in the range 1-32716 inclusive for non-spanned records
880	3F	C	Record size maximum is zero
880	40	C	Record size average is not numeric
880	41	C	Record size average is zero
880	42		--unassigned
880	43	C	Key length and/or key offset position invalid for ESDS/LINEAR cluster types
880	44	C	Key offset position is not numeric
880	45	C/D	Key length is greater than the maximum record size
880	46	C	Key length is not numeric
880	47	C	Key length is not in the range 1-255 inclusive
880	48	C	Both record size average and record size maximum must be specified together. One of them was omitted.
880	49	C	Both key length and key offset position must be specified together. One of them was omitted.
880	4A	C	Shareoption 1 is not in the range 1-4 inclusive
880	4B	C	Shareoption 2 is not in the range 3-4 inclusive
880	4C	C/D/I	A space allocation was specified at the cluster level, but another space allocation was detected at the data and/or index levels. Cluster level space allocation is mutually exclusive with data and index allocations.

RC=881**Reason=X'eeeeiiii'**

Meaning: During a request to allocate a VSAM cluster, an attempt to allocate a temporary dataset to hold IDCAMS control information has failed during dynamic allocation.

Action: This is a dynamic allocation failure. Look up the reason code in the reference manual below to determine the action.

Reference: z/OS MVS Authorized Assembler Services Guide SA22-7608. Chapter 25 "Dynamic Allocation". The reason code is two parts: eeee is the S99ERROR value, and iiii is the S99INFO value.

RC=882

Reason=X'eeeeiiii'

Meaning: During a request to allocate a VSAM cluster, an attempt to allocate a temporary dataset to hold IDCAMS SYSOUT information has failed during dynamic allocation.

Action: This is a dynamic allocation failure. Look up the reason code in the reference manual below to determine the action.

Reference: z/OS MVS Authorized Assembler Services Guide SA22-7608. Chapter 25 "Dynamic Allocation". The reason code is two parts: eeee is the S99ERROR value, and iiii is the S99INFO value.

RC=883

Reason=X'rrrrrrrr'

Meaning: During a request to allocate a VSAM cluster, the IDCAMS utility was called to allocate the new dataset. IDCAMS has failed during the creation request.

Action: The workstation user is presented an opportunity to view the output from IDCAMS which should indicate the reason for the error. Usually, this type of error will occur when one or more of the parameters needed to create the dataset is missing or invalid. This output can also be viewed with an appropriate output viewing utility on the mainframe; the output is located as one of the DD names associated with the HCI that the workstation user is connected.

Reference: z/OS DFSMS Access Method Services, SC26-7394. Refer to the chapter associated with DEFINE CLUSTER along with the IDCAMS output. The reason code rrrrrrr is the return code received from IDCAMS.

RC=884

Reason=X'rrrrrrrr'

Meaning: During a request to allocate a VSAM cluster, an attempt to open a temporary dataset used to contain control information has failed.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS DFSMS Macro Instructions for Datasets SC26-7408. Part 2 Non-VSAM Macro Instructions. Refer to the OPEN macro and its list of return codes. The reason code rrrrrrr is the OPEN return code.

RC=888

Reason=X'00000000'

Meaning: The user has requested an abort or cessation of the current activity, for example: aborting a long running search in progress, or aborting the retrieval of a large JES output file.

Action: None.

Reference: None.

RC=901

Reason=X'00000000'

Meaning: z/OS Unix System Services is not active in this LPAR.

Action: z/OS Unix System Services must be active in order to operate with zFS and HFS files. Start z/OS Unix System Services and recycle the HCI in order to recognize that z/OS Unix is now available

Reference: None.

RC=902

Reason=X'xxxxxxx'

Extended Reason=X'yyyyyyy'

Meaning: During an attempt to determine the current user's z/OS Unix working directory, the getwd() function has failed.

Action: Service getwd(BPX1GWD) has failed. Using the reason code value as the BPX1GWD return code, look up the return code in the manuals referenced below to determine the cause. The user may not have access authority to the directory or the file system may not be properly mounted for example. If the error persists, contact Compuware Customer Support for assistance.

Reference: z/OS Unix System Services Programming: Assembler Callable Services Reference SA22-7803. Chapter 2 Callable Services Descriptions. Refer to the getwd(BPX1GWD) service. The reason code xxxxxxx is the BPX1GWD return code, and the extended reason code yyyyyyy is the BPX1GWD reason code.

The return codes from z/OS Unix callable services are documented in z/OS Unix System Services Messages and Codes SA22-7807. Chapter 2 documents the return codes from the various services.

RC=903

Reason=X'xxxxxxx'

Extended Reason=X'yyyyyyy'

Meaning: During an attempt to change to a new directory as specified by the user, the chdir() function has failed.

Action: Service chdir(BPX1CHD) has failed. Using the reason code value as the BPX1CHD return code, look up the return code in the manuals referenced below to determine the cause. The user may not have access authority to the directory or the file system may not be properly mounted for example. If the error persists, contact Compuware Customer Support for assistance.

Reference: z/OS Unix System Services Programming: Assembler Callable Services Reference SA22-7803. Chapter 2 Callable Services Descriptions. Refer to the chdir(BPX1CHD) service. The reason code xxxxxxx is the BPX1CHD return code, and the extended reason code yyyyyyy is the BPX1CHD reason code.

The return codes from z/OS Unix callable services are documented in z/OS Unix System Services Messages and Codes SA22-7807. Chapter 2 documents the return codes from the various services.

RC=904

Reason=X'xxxxxxx'

Extended Reason=X'yyyyyyy'

Meaning: During an attempt to open the new directory path as specified by the user the opendir() function has failed.

Action: Service opendir(BPX1OPD) has failed. Using the reason code value as the BPX1OPD return code, look up the return code in the manuals referenced below to determine the cause. The user may not have access authority to the directory or the file system may not be properly mounted for example. If the error persists, contact Compuware Customer Support for assistance.

Reference: z/OS Unix System Services Programming: Assembler Callable Services Reference SA22-7803. Chapter 2 Callable Services Descriptions. Refer to the opendir(BPX1OPD) service. The reason code xxxxxxx is the BPX1OPD return code, and the extended reason code yyyyyyy is the BPX1OPD reason code.

The return codes from z/OS Unix callable services are documented in z/OS Unix System Services Messages and Codes SA22-7807. Chapter 2 documents the return codes from the various services.

RC=905

Reason=X'xxxxxxx'

Meaning: During an attempt to obtain the contents of a directory, a failure occurred trying to obtain 64-bit storage.

Action: The IARV64 macro has failed. Ensure that the system is enabled for 64-bit storage and that the system MEMLIMIT value is not zero.

Reference: z/OS MVS Programming: Assembler Services Reference SA22-7607. Refer to the IARV64 macro. The reason code xxxxxxx is the return code of the IARV64 macro.

RC=906

Reason=X'xxxxxxx'

Extended Reason=X'yyyyyyy'

Meaning: During an attempt to read the directory path as specified by the user the readdir() function has failed.

Action: Service readdir(BPX1RDD) has failed. Using the reason code value as the BPX1RDD return code, look up the return code in the manuals referenced below to determine the cause. If the error persists, contact Compuware Customer Support for assistance.

Reference: z/OS Unix System Services Programming: Assembler Callable Services Reference SA22-7803. Chapter 2 Callable Services Descriptions. Refer to the readdir(BPX1RDD) service. The reason code xxxxxxx is the BPX1RDD return code, and the extended reason code yyyyyy is the BPX1OPD reason code.

The return codes from z/OS Unix callable services are documented in z/OS Unix System Services Messages and Codes SA22-7807. Chapter 2 documents the return codes from the various services.

RC=907

Reason=X'xxxxxxx'

Extended Reason=X'yyyyyy'

Meaning: Unable to obtain the status and properties for a file or subdirectory. The stat() service has failed.

Action: Service stat(BPX1STA) has failed. Using the reason code value as the BPX1STA return code, look up the return code in the manuals referenced below to determine the cause. If the error persists, contact Compuware Customer Support for assistance.

Reference: z/OS Unix System Services Programming: Assembler Callable Services Reference SA22-7803. Chapter 2 Callable Services Descriptions. Refer to the stat(BPX1STA) service. The reason code xxxxxxx is the BPX1STA return code, and the extended reason code yyyyyy is the BPX1STA reason code.

The return codes from z/OS Unix callable services are documented in z/OS Unix System Services Messages and Codes SA22-7807. Chapter 2 documents the return codes from the various services.

RC=908

Reason=X'xxxxxxx'

Extended Reason=X'yyyyyy'

Meaning: Unable to close the directory specified by the user. The closedir() function has failed.

Action: Service closedir(BPX1CLD) has failed. Using the reason code value as the BPX1CLD return code, look up the return code in the manuals referenced below to determine the cause. If the error persists, contact Compuware Customer Support for assistance.

Reference: z/OS Unix System Services Programming: Assembler Callable Services Reference SA22-7803. Chapter 2 Callable Services Descriptions. Refer to the closedir(BPX1CLD) service. The reason code xxxxxxx is the BPX1CLD return code, and the extended reason code yyyyyy is the BPX1CLD reason code.

The return codes from z/OS Unix callable services are documented in z/OS Unix System Services Messages and Codes SA22-7807. Chapter 2 documents the return codes from the various services.

RC=909

Reason=X'xxxxxxx'

Extended Reason=X'yyyyyy'

Meaning: During an attempt to change back to the user's original working directory, the chdir() function has failed.

Action: Service chdir(BPX1CHD) has failed. Using the reason code value as the BPX1CHD return code, look up the return code in the manuals referenced below to determine the cause. The user may not have access authority to the directory or the file system may not be properly mounted for example. If the error persists, contact Compuware Customer Support for assistance.

Reference: z/OS Unix System Services Programming: Assembler Callable Services Reference SA22-7803. Chapter 2 Callable Services Descriptions. Refer to the chdir(BPX1CHD) service. The reason code xxxxxxx is the BPX1CHD return code, and the extended reason code yyyyyy is the BPX1CHD reason code.

The return codes from z/OS Unix callable services are documented in z/OS Unix System Services Messages and Codes SA22-7807. Chapter 2 documents the return codes from the various services.

RC=910

Reason=X'xxxxxxx'

Extended Reason=X'yyyyyy'

Meaning: Unable to obtain the status and properties for the specified file. The stat() service has failed prior to an attempt to read the z/OS Unix file.

Action: Service stat(BPX1STA) has failed. Using the reason code value as the BPX1STA return code, look up the return code in the manuals referenced below to determine the cause. If the error persists, contact Compuware Customer Support for assistance.

Reference: z/OS Unix System Services Programming: Assembler Callable Services Reference SA22-7803. Chapter 2 Callable Services Descriptions. Refer to the stat(BPX1STA) service. The reason code xxxxxxx is the BPX1STA return code, and the extended reason code yyyyyy is the BPX1STA reason code.

The return codes from z/OS Unix callable services are documented in z/OS Unix System Services Messages and Codes SA22-7807. Chapter 2 documents the return codes from the various services.

RC=911

Reason=X'xxxxxxx'

Extended Reason=X'yyyyyyy'

Meaning: During an attempt to open the specified z/OS Unix file for read access, the open() function has failed.

Action: Service open(BPX1OPN) has failed. Using the reason code value as the BPX1OPN return code, look up the return code in the manuals referenced below to determine the cause. The user may not have read access authority to the file or the file system may not be properly mounted for example. If the error persists, contact Compuware Customer Support for assistance.

Reference: z/OS Unix System Services Programming: Assembler Callable Services Reference SA22-7803. Chapter 2 Callable Services Descriptions. Refer to the open(BPX1OPN) service. The reason code xxxxxxx is the BPX1OPN return code, and the extended reason code yyyyyy is the BPX1OPN reason code.

The return codes from z/OS Unix callable services are documented in z/OS Unix System Services Messages and Codes SA22-7807. Chapter 2 documents the return codes from the various services.

RC=912

Reason=X'xxxxxxx'

Extended Reason=X'yyyyyyy'

Meaning: During an attempt to read the contents of a z/OS Unix file, the read() function has failed.

Action: Service read(BPX1RED) has failed. Using the reason code value as the BPX1RED return code, look up the return code in the manuals referenced below to determine the cause. If the error persists, contact Compuware Customer Support for assistance.

Reference: z/OS Unix System Services Programming: Assembler Callable Services Reference SA22-7803. Chapter 2 Callable Services Descriptions. Refer to the read(BPX1RED) service. The reason code xxxxxxx is the BPX1RED return code, and the extended reason code yyyyyy is the BPX1RED reason code.

The return codes from z/OS Unix callable services are documented in z/OS Unix System Services Messages and Codes SA22-7807. Chapter 2 documents the return codes from the various services.

RC=913

Reason=X'xxxxxxx'

Extended Reason=X'yyyyyyy'

Meaning: During an attempt to close a z/OS Unix file, the close() function has failed.

Action: Service close(BPX1CLO) has failed. Using the reason code value as the BPX1CLO return code, look up the return code in the manuals referenced below to determine the cause. If the error persists, contact Compuware Customer Support for assistance.

Reference: z/OS Unix System Services Programming: Assembler Callable Services Reference SA22-7803. Chapter 2 Callable Services Descriptions. Refer to the close(BPX1CLO) service. The reason code xxxxxxx is the BPX1CLO return code, and the extended reason code yyyyyy is the BPX1CLO reason code.

The return codes from z/OS Unix callable services are documented in z/OS Unix System Services Messages and Codes SA22-7807. Chapter 2 documents the return codes from the various services.

RC=915

Reason=X'xxxxxxx'

Extended Reason=X'yyyyyyy'

Meaning: During an attempt to open the specified z/OS Unix file for writing, the `open()` function has failed.

Action: Service `open(BPX1OPN)` has failed. Using the reason code value as the `BPX1OPN` return code, look up the return code in the manuals referenced below to determine the cause. The user may not have write access authority to the file or the file system may not be properly mounted for example. If the error persists, contact Compuware Customer Support for assistance.

Reference: z/OS Unix System Services Programming: Assembler Callable Services Reference SA22-7803. Chapter 2 Callable Services Descriptions. Refer to the `open(BPX1OPN)` service. The reason code `xxxxxxx` is the `BPX1OPN` return code, and the extended reason code `yyyyyyy` is the `BPX1OPN` reason code.

The return codes from z/OS Unix callable services are documented in z/OS Unix System Services Messages and Codes SA22-7807. Chapter 2 documents the return codes from the various services.

RC=916

Reason=X'xxxxxxx'

Extended Reason=X'yyyyyyy'

Meaning: During an attempt to write the contents of a z/OS Unix file, the `write()` function has failed.

Action: Service `write(BPX1WRT)` has failed. Using the reason code value as the `BPX1WRT` return code, look up the return code in the manuals referenced below to determine the cause. For example, the user may not have write access to the file. If the error persists, contact Compuware Customer Support for assistance.

Reference: z/OS Unix System Services Programming: Assembler Callable Services Reference SA22-7803. Chapter 2 Callable Services Descriptions. Refer to the `write(BPX1WRT)` service. The reason code `xxxxxxx` is the `BPX1WRT` return code, and the extended reason code `yyyyyyy` is the `BPX1WRT` reason code.

The return codes from z/OS Unix callable services are documented in z/OS Unix System Services Messages and Codes SA22-7807. Chapter 2 documents the return codes from the various services.

RC=917

Reason=X'nnnnnnnn'

Extended Reason=X'00000000'

Meaning: During an attempt to write the contents of a z/OS Unix file, the requested amount of data to be written was not completely written out to the file.

Action: Ensure that sufficient space exists for writing the file. The `nnnnnnnn` value indicates the number of bytes that were actually written. If the error persists, contact Compuware Customer Support for assistance.

Reference: None.

RC=918

Reason=X'xxxxxxx'

Extended Reason=X'yyyyyyy'

Meaning: During an attempt to close a z/OS Unix file, the `close()` function has failed.

Action: Service `close(BPX1CLO)` has failed. Using the reason code value as the `BPX1CLO` return code, look up the return code in the manuals referenced below to determine the cause. If the error persists, contact Compuware Customer Support for assistance.

Reference: z/OS Unix System Services Programming: Assembler Callable Services Reference SA22-7803. Chapter 2 Callable Services Descriptions. Refer to the `close(BPX1CLO)` service. The reason code `xxxxxxx` is the `BPX1CLO` return code, and the extended reason code `yyyyyyy` is the `BPX1CLO` reason code.

The return codes from z/OS Unix callable services are documented in z/OS Unix System Services Messages and Codes SA22-7807. Chapter 2 documents the return codes from the various services.

RC=919

Reason=X'xxxxxxx'

Extended Reason=X'yyyyyyy'

Meaning: Unable to obtain the status and properties for the specified file. The `stat()` service has failed prior to an attempt to read the z/OS Unix file.

Action: Service `stat(BPX1STA)` has failed. Using the reason code value as the `BPX1STA` return code, look up the return code in the manuals referenced below to determine the cause. If the error persists, contact Compuware Customer Support for assistance.

Reference: z/OS Unix System Services Programming: Assembler Callable Services Reference SA22-7803. Chapter 2 Callable Services Descriptions. Refer to the stat(BPX1STA) service. The reason code xxxxxxxx is the BPX1STA return code, and the extended reason code yyyyyy is the BPX1STA reason code.

The return codes from z/OS Unix callable services are documented in z/OS Unix System Services Messages and Codes SA22-7807. Chapter 2 documents the return codes from the various services.

RC=920

Reason=X'xxxxxxx'

Extended Reason=X'0000000'

Meaning: During an attempt to read a z/OS Unix file, the TP was unable to obtain exclusive control of the file. The ENQ macro has failed.

Action: The file is in use by the same or a different user. Check the reason code below to determine possible causes. If the code is not listed, this is a probable environmental error and should be resolved by your system programming personnel. The file is most likely in use by another job or user elsewhere in the system.

00000004 -Exclusive control of the file could not be obtained

Reference: z/OS MVS Programming: Assembler Services SA22-7606. Refer to the ENQ macro and its list of return codes. The reason code xxxxxxxx is the ENQ return code.

RC=921

Reason=X'xxxxxxx'

Extended Reason=X'0000000'

Meaning: During an attempt to write a z/OS Unix file, the TP was unable to obtain exclusive control of the file. The ENQ macro has failed.

Action: The file is in use by the same or a different user. Check the reason code below to determine possible causes. If the code is not listed, this is a probable environmental error and should be resolved by your system programming personnel. The file is most likely in use by another job or user elsewhere in the system.

00000004 -Exclusive control of the file could not be obtained

Reference: z/OS MVS Programming: Assembler Services SA22-7606. Refer to the ENQ macro and its list of return codes. The reason code xxxxxxxx is the ENQ return code.

RC=922

Reason=X'rrrrrrr'

Meaning: When attempting to release exclusive control of a z/OS Unix file, an error occurred because the request from Topaz Workbench could not be matched up with the request that owns the exclusive control lock. No lock key was transmitted.

Action: Probable internal error. Contact Compuware Customer Support for assistance and provide the return and reason code as well as any other requested documentation related to the problem.

Reference: None.

RC=923

Reason=X'rrrrrrr'

Meaning: When attempting to release exclusive control of a z/OS Unix file, an error occurred because the request from Topaz Workbench could not be matched up with the request that owns the exclusive control lock. The lock key value was invalid.

Action: Probable internal error. Contact Compuware Customer Support for assistance and provide the return and reason code as well as any other requested documentation related to the problem.

Reference: None.

RC=924

Reason=X'rrrrrrr'

Meaning: When attempting to release exclusive control of a z/OS Unix file, an error occurred because the request from Topaz Workbench could not be matched up with the request that owns the exclusive control lock. The specified lock key was valid but belongs to a different user.

Action: Probable internal error. Contact Compuware Customer Support for assistance and provide the return and reason code as well as any other requested documentation related to the problem.

Reference: None.

RC=925

Reason=X'00ssrrxx'

Meaning: Unable to determine the z/OS Unix home directory path name for the user.

Action: The reason codes are the result of the RACROUTE EXTRACT macro. The home directory path information is part of the user profile. This is probably a system security software configuration error. Contact your security administrator for assistance. Additionally, assistance may be required from Compuware Customer Support.

The reason code consists of the following security information:

00ssrrxx - The return codes from a RACROUTE EXTRACT macro, where:

ss - is the SAF RC

rr - is the RACF RC

xx - is the RACF reason

The most common reasons are:

ss = 04 : No home path data exists in the security database

ss = 08 : signed on user does not have z/OS Unix System Services access (no OMVS segment)

Reference: None.

RC=926

Reason=X'00000000'

Meaning: During an attempt to start the external trace, the external trace was already active.

Action: Stop the external trace and capture the contents prior to starting a new trace.

Reference: None.

RC=927

Reason=X'eeeeiiii'

Meaning: During an attempt to start the external trace, the TP could not allocate the external trace dataset.

Action: This is a dynamic allocation failure. Look up the reason code in the reference manual below to determine the action.

Reference: z/OS MVS Authorized Assembler Services Guide SA22-7608. Chapter 25 "Dynamic Allocation". The reason code is two parts: eeee is the S99ERROR value, and iiii is the S99INFO value.

RC=928

Reason=X'rrrrrrrr'

Meaning: During an attempt to start the external trace, the TP could not open the external trace dataset.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS DFSMS Macro Instructions for Datasets SC26-7408. Part 2 Non-VSAM Macro Instructions. Refer to the OPEN macro and its list of return codes. The reason code rrrrrrrr is the OPEN return code.

RC=929

Reason=X'00000000'

Meaning: During an attempt to stop the external trace, the external trace was found to be inactive (not started).

Action: None.

Reference: None.

RC=930

Reason=X'00000000'

Meaning: During an attempt to capture the external trace, the external trace was already active and recording data.

Action: Stop the external trace before initiating a trace capture.

Reference: None.

RC=931

Reason=X'rrrrrrr'

Meaning: During an attempt to capture the external trace content, the TP could not open the external trace dataset.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS DFSMS Macro Instructions for Datasets SC26-7408. Part 2 Non-VSAM Macro Instructions. Refer to the OPEN macro and its list of return codes. The reason code rrrrrrr is the OPEN return code.

RC=932

Reason=X'00000000'

Meaning: The external trace recording dataset has exhausted all of its available space. Not all of the trace data has been recorded.

Action: If the data is retrieved by a subsequent capture request, only the data that was recorded prior to the out-of-space condition will be returned.

Reference: None.

RC=933

Reason=X'00000000'

Meaning: During an attempt to start the external trace with space overrides for the external trace dataset, the space values were invalid (non-numeric).

Action: Specify only numeric primary and secondary space values in the external trace start request.

Reference: None.

RC=935

Reason=X'rrrrrrr'

Meaning: During an attempt to obtain member data from a list of concatenated datasets, a specification error occurred.

Action: Review the reason codes below for the cause of the error, and change the specification to avoid future recurrences of the error condition.

The reason code rrrrrrr is defined as follows:

00000002 - More than 255 datasets specified in the concatenation.

00000003 - No datasets were specified.

00000004 - No members were specified.

00000005 - Member list not in alphameric collating sequence.

00000006 - More than 32767 members specified.

Reference: None.

RC=936

Reason=X'rrrrrrr'

Meaning: During an attempt to obtain member data from a list of concatenated datasets, more or more of the specified datasets did not meet requirements needed to complete the concatenation.

Action: Review the reason codes below for the cause of the error, and change the specification to avoid future recurrences of the error condition.

The reason code rrrrrrr is defined as follows:

00000001 - Dataset was not partitioned (not PDS or PDSE).

00000002 - Dataset was not found.

00000003 - Dataset is migrated.

00000004 - The requesting user does not have READ access authority to the dataset.

Reference: None.

RC=937

Reason=X'rrrrrrrr'

Meaning: During the retrieval of information about a dataset, an OBTAIN macro failed when trying to locate the format-1 DSCB.

Action: In the unlikely event this error occurs, check the reason code for one of the following:

00000004 - The volume where the dataset resides is not mounted

00000008 - The dataset could not be found on the volume's VTOC

0000000C - I/O error reading the format-1 DSCB

00000010 - Invalid work area pointer. This is an internal error, contact Compuware Customer Support

Reference: z/OS DFSMSdfp Advanced Services SC26-7400. Refer to Chapter 1 subsection "Accessing the VTOC with DASDM Macros" and refer to the return codes for OBTAIN / CAMLST SEARCH. The reason code returned is the register 15 return code from the OBTAIN macro.

RC=938

Reason=X'eeeeiiii'

Meaning: During an attempt to allocate datasets for a concatenation, one of the datasets could not be allocated.

Action: This is a dynamic allocation failure. Look up the reason code in the reference manual below to determine the action.

Reference: z/OS MVS Authorized Assembler Services Guide SA22-7608. Chapter 25 "Dynamic Allocation". The reason code is two parts: eeee is the S99ERROR value, and iiii is the S99INFO value.

RC=939

Reason=X'eeeeiiii'

Meaning: During an attempt to concatenate a list of previously allocated datasets, the dynamic concatenation request has failed.

Action: This is a dynamic concatenation. Look up the reason code in the reference manual below to determine the action.

Reference: z/OS MVS Authorized Assembler Services Guide SA22-7608. Chapter 25 "Dynamic Allocation". The reason code is two parts: eeee is the S99ERROR value, and iiii is the S99INFO value.

RC=940

Reason=X'rrrrrrrr'

Meaning: During an attempt to open a dynamic concatenation, the OPEN macro has failed.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS DFSMS Macro Instructions for Datasets SC26-7408. Part 2 Non-VSAM Macro Instructions. Refer to the OPEN macro and its list of return codes. The reason code rrrrrrr is the OPEN return code.

RC=941

Reason=X'rrrrssss'

Meaning: When attempting to obtain member data from a concatenation, a failure occurred trying to locate the member's directory information.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS DFSMS Macro Instructions for Datasets SC26-7408. Part 2 Non-VSAM Macro Instructions. Refer to the BLDL macro and its list of return codes. The reason code values rrrr and ssss are the return and reason codes from the BLDL macro, respectively.

RC=942

Reason=X'00000000'

Meaning: When attempting to obtain member data from a concatenation, one of the members was not found in the concatenation.

Action: None. Processing continues with the remaining specified members.

Reference: None.

RC=945

Reason=X'xxxxxxx'

Meaning: When attempting to cease the activity of a long running TP task (for example during a file search), an error was encountered with the request.

Action: Look up the reason code in the list below for the cause. TP tasks are dynamic and a task marked for ceasing activity may have ended or completed its processing before the cease action could be completed. In most cases these errors are minor and can be ignored. However, if these errors persist, contact Compuware Customer Support.

00000001 - Requested TP id was not numeric

00000002 - Requested TP id does not belong to the signed on user ID.

00000003 - Requested TP id not found (no longer active)

00000004 - Requested TP id is in WAIT state (long running work already complete)

Reference: None.

RC=947

Reason=X'rrrrrrr'

Meaning: When attempting to copy data across LPARs, an error occurred trying to initialize TCP/IP communications for the copy operation.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference SC31-8788. Refer to Appendix B: Socket Call Error Return Codes. The rrrrrrr value is the ERRNO return code referenced in the Appendix. The TCP/IP macro issued was EZASMI INITAPI.

RC=948

Reason=X'rrrrrrr'

Meaning: When attempting to copy data across LPARs, an error occurred trying to initialize TCP/IP communications for the copy operation.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference SC31-8788. Refer to Appendix B: Socket Call Error Return Codes. The rrrrrrr value is the ERRNO return code referenced in the Appendix. The TCP/IP macro issued was EZASMI SOCKET.

RC=949

Reason=X'rrrrrrr'

Meaning: When attempting to copy data across LPARs, an error occurred trying to validate the parameters related to the copy.

Action: Probable user error. A number of validations are performed on dataset types and internal dataset DCB information to ensure compatibility during copy operations. Look up the reason code in the list below to determine the cause and corrective action.

Reference: RC 949 validation error reasons can be found in the table below. In the descriptions, the references FROM dataset and TO dataset refer to the source and destination datasets specified in the copy operation, respectively.

Reason (hex)	Description
1	The IP number specified is invalid. The IP number is not correctly formatted in dotted IP number format; e.g., xxx.xxx.xxx.xxx. Correct the IP number specification and retry the copy operation.
2	The port number of the remote host is invalid (non-numeric or not in the range of 1-65535). Correct the port number specification and retry the copy operation.
3	Unable to sign-on to remote host. During sign-on a security error was encountered, probably due to an invalid user ID or password being specified. Correct the user ID and password for the remote host and retry the copy operation.
4	Unable to sign-on to remote host because the remote host is not at the correct maintenance level to support cross-LPAR dataset copy operations.
5	During the initiation of a copy operation, an acknowledgement to the initiation request was not receiving from the remote HCL. Contact Compuware for assistance.
6	During the various request/responses transmitted during a copy operation, one of the responses did not acknowledge the request. Contact Compuware for assistance.
7	During a copy operation one of the copy requests was issued out of sequence. Contact Compuware for assistance.
8	The dataset being copied (the FROM dataset) is of an invalid DSORG type. Only DSORG PS, PO or VSAM datasets can be copied.
9	The dataset being copied (the FROM dataset) was not partitioned, even though member names were specified on the copy request.
A	A copy operation was attempted that implies the use of sequential datasets, but a sequential dataset was not specified as the FROM dataset.
B	The destination dataset (the TO dataset) is of an invalid DSORG type. Only DSORG PS, PO or VSAM datasets can be copied.
C	The destination dataset (the TO dataset) was not partitioned, even though member names were specified on the copy request.
D	A copy operation was attempted that implies the use of sequential datasets, but a sequential dataset was not specified as the destination dataset (TO dataset).
E	The FROM dataset LRECL is less than the TO dataset LRECL.
F	The FROM dataset LRECL is greater than the TO dataset LRECL.
10	Cannot copy a sequential or partitioned dataset into a VSAM dataset.
11	Cannot copy a VSAM dataset into a non-VSAM dataset.
12	The source dataset (FROM dataset) is VSAM but is of an unsupported type.
13	The source dataset (FROM dataset) is VSAM and the destination dataset (TO dataset) is also VSAM, however, they are not the same VSAM type. The copy operation only supports VSAM copy of the same type, e.g., KSDS-to-KSDS, LINEAR-to-LINEAR, etc.
14	The source dataset (FROM dataset) maximum record size is greater than the destination dataset (TO dataset) maximum record size.
15	The source dataset (FROM dataset) and destination dataset (TO dataset) key lengths are not equal.
16	The source dataset (FROM dataset) and destination dataset (TO dataset) key positions are not identical.
17	Cross-LPAR copy support programming on the source-side is not at the same version as the copy support programming on the destination-side. The copy cannot proceed due to this incompatibility. Both the source and destination sides should be brought to the same current maintenance levels.

RC=950

Reason=X'rrrrrrrr'

Meaning: When attempting to copy data across LPARs, an error occurred trying to determine the IP number of a named host.

Action: Probable TCP/IP configuration error. The named host may not be in the site defined host name tables. Ensure the host name specified is valid, or that the host name is correctly specified in the host name tables.

Reference: z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference SC31-8788. Refer to Appendix B: Socket Call Error Return Codes. The rrrrrrrr value is the ERRNO return code referenced in the Appendix. Reason code FFFFFFFF means the host name tables did not contain a valid IP number. The TCP/IP macro issued was EZASMI GETHOSTBYNAME.

RC=951

Reason=X'rrrrrrrr'

Meaning: When attempting to copy data across LPARs, an error occurred trying to initialize TCP/IP communications for the copy operation.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference SC31-8788. Refer to Appendix B: Socket Call Error Return Codes. The rrrrrrrr value is the ERRNO return code referenced in the Appendix; the TCP/IP macro issued was EZASMI CONNECT.

RC=952

Reason=X'rrrrrrrr'

Meaning: When attempting to copy data across LPARs, an error occurred trying to write to the TCP/IP socket.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference SC31-8788. Refer to Appendix B: Socket Call Error Return Codes. The rrrrrrrr value is the ERRNO return code referenced in the Appendix. The TCP/IP macro issued was EZASMI WRITE.

RC=953

Reason=X'rrrrrrrr'

Meaning: When attempting to copy data across LPARs, an error occurred trying to read from the TCP/IP socket.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference SC31-8788. Refer to Appendix B: Socket Call Error Return Codes. The rrrrrrrr value is the ERRNO return code referenced in the Appendix. The TCP/IP macro issued was EZASMI READ.

RC=954

Reason=X'rrrrrrrr'

Meaning: When attempting to copy data across LPARs, an error occurred trying to take the socket connection from the HCI.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference SC31-8788. Refer to Appendix B: Socket Call Error Return Codes. The rrrrrrrr value is the ERRNO return code referenced in the Appendix. The TCP/IP macro issued was EZASMI TAKESOCKET.

RC=955

Reason=X'rrrrrrrr'

Meaning: When attempting to copy data across LPARs, an error occurred trying to access the source dataset (FROM dataset) because access was failed by system security.

Action: Dataset access has been denied by the system security product. Contact your installation's security personnel. The reason code is the return code from the System Authorization Facility (SAF). The rrrr value is the SAF return code, and the ssss value is the SAF reason code.

Reference: None.

RC=956

Reason=X'rrrrrrrr'

Meaning: When attempting to copy data across LPARs, an error occurred trying to access the destination dataset (TO dataset) because access was failed by system security.

Action: Dataset access has been denied by the system security product. Contact your installation's security personnel. The reason code is the return code from the System Authorization Facility (SAF). The rrrr value is the SAF return code, and the ssss value is the SAF reason code.

Reference: None.

RC=957

Reason=X'eeeeiiii'

Meaning: During an attempt to copy data across LPARs, a failure occurred trying to allocate the source (FROM) dataset.

Action: This is a dynamic allocation failure. Look up the reason code in the reference manual below to determine the action.

Reference: z/OS MVS Authorized Assembler Services Guide SA22-7608. Chapter 25 "Dynamic Allocation". The reason code is two parts: eeee is the S99ERROR value, and iiii is the S99INFO value.

RC=958

Reason=X'eeeeiiii'

Meaning: During an attempt to copy data across LPARs, a failure occurred trying to allocate the destination (TO) dataset.

Action: This is a dynamic allocation failure. Look up the reason code in the reference manual below to determine the action.

Reference: z/OS MVS Authorized Assembler Services Guide SA22-7608. Chapter 25 "Dynamic Allocation". The reason code is two parts: eeee is the S99ERROR value, and iiii is the S99INFO value.

RC=959

Reason=X'rrrrrrrr'

Meaning: An attempt to enqueue on the destination (TO) dataset for the purpose of copying data has failed.

Action: The dataset is probably in use by the same or a different user. Check the reason code below to determine possible causes. If the code is not listed, this is a probable environmental error and should be resolved by your system programming personnel. The dataset is probably enqueued by another job elsewhere in the system.

00000004 -Exclusive control of the dataset could not be obtained

Reference: z/OS MVS Programming: Assembler Services SA22-7606. Refer to the ENQ macro and its list of return codes. The reason code rrrrrrrr is the ENQ return code.

RC=960

Reason=X'rrrrrrrr'

Meaning: During an attempt to open the source dataset (FROM dataset) in a cross-LPAR copy, the OPEN macro has failed.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS DFSMS Macro Instructions for Datasets SC26-7408. Part 2 Non-VSAM Macro Instructions. Refer to the OPEN macro and its list of return codes. The reason code rrrrrrrr is the OPEN return code.

RC=961

Reason=X'rrrrrrrr'

Meaning: During an attempt to open the destination dataset (TO dataset) in a cross-LPAR copy, the OPEN macro has failed.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS DFSMS Macro Instructions for Datasets SC26-7408. Part 2 Non-VSAM Macro Instructions. Refer to the OPEN macro and its list of return codes. The reason code rrrrrrrr is the OPEN return code.

RC=962**Reason**=X'rrrrssss'**Meaning:** When attempting to copy dataset members across LPARs, a failure occurred trying to locate the source member's directory information.**Action:** Probable internal error. Contact Compuware Customer Support and provide the reason code.**Reference:** z/OS DFSMS Macro Instructions for Datasets SC26-7408. Part 2 Non-VSAM Macro Instructions. Refer to the BLDL macro and its list of return codes. The reason code values rrrr and ssss are the return and reason codes from the BLDL macro, respectively.**RC=962****Reason**=X'rrrrssss'**Meaning:** When attempting to copy dataset members across LPARs, a failure occurred trying to determine if the same member exists in the destination (FROM) dataset.**Action:** Probable internal error. Contact Compuware Customer Support and provide the reason code.**Reference:** z/OS DFSMS Macro Instructions for Datasets SC26-7408. Part 2 Non-VSAM Macro Instructions. Refer to the FIND macro and its list of return codes. The reason code values rrrr and ssss are the return and reason codes from the FIND macro, respectively.**RC=965****Reason**=X'00000004'**Meaning:** During a cross-LPAR copy request, a member was not replaced.**Action:** The member was not replaced because the Replace option was not specified. This is not an error in copying or moving the member, rather it is only an indication that the request did not succeed because the member could not be replaced.**Reference:** None.**RC=966****Reason**=X'rrrrrrrr'**Meaning:** When attempting to copy a dataset with cross-LPAR copy, a read operation against the source (FROM) dataset has failed.**Action:** Probable I/O or environmental error. Investigate the HCI job log for unusual error messages and/or abend codes, such as S 001-xx. This can be a difficult error to diagnose. The reason code is the first four bytes of the DECB after a BSAM/BPAM READ/CHECK macro has completed. This return code will be issued whenever the post code within the DECB (the first byte of the reason code) is not equal to X'7F'. The X'7F' value is considered a successful read and any other value is an error condition. If the error cannot be determined, contact Compuware Customer Support for assistance and provide the reason code as well as any other requested documentation related to the problem.**Reference:** z/OS DFSMS Macro Instructions for Datasets SC26-7408, and z/OS DFSMS Using Data Sets SC26-7410. Refer to the READ and CHECK macros and the processing of sequential and partitioned datasets. The reason code value is the first 4 bytes of the DECB after the CHECK macro completes.**RC=967****Reason**=X'rrrrrrrr'**Meaning:** When attempting to copy a dataset with cross-LPAR copy, a write operation against the destination (TO) dataset has failed.**Action:** Probable I/O or environmental error. Investigate the HCI job log for unusual error messages and/or abend codes, such as S 001-xx. This can be a difficult error to diagnose. The reason code is the first four bytes of the DECB after a BSAM/BPAM WRITE/CHECK macro has completed. This return code will be issued whenever the post code within the DECB (the first byte of the reason code) is not equal to X'7F'. The X'7F' value is considered a successful write and any other value is an error condition. If the error cannot be determined, contact Compuware Customer Support for assistance and provide the reason code as well as any other requested documentation related to the problem.**Reference:** z/OS DFSMS Macro Instructions for Datasets SC26-7408, and z/OS DFSMS Using Data Sets SC26-7410. Refer to the WRITE and CHECK macros and the processing of sequential and partitioned datasets. The reason code value is the first 4 bytes of the DECB after the CHECK macro completes.

RC=968

Reason=X'rrrrssss'

Meaning: During a cross-LPAR copy operation, an attempt to add or replace a member of a partitioned dataset as failed.

Action: Check the return codes listed below for a probable cause. If the code is not listed, contact Compuware Customer Support and provide the reason code.

Reference: z/OS DFSMS Macro Instructions for Datasets SC26-7408. Part 2 Non-VSAM Macro Instructions. Refer to the STOW macro (A and R forms) and its list of return codes. The reason code rrrr is the STOW return code and ssss is the STOW reason code.

00040000 - The member name to be added already exists

000C0000 - No space exists in the partitioned dataset directory.

001C0000 - Cannot add or replace a member to a PDSE program library. This is a Host Explorer restriction.

00280000 - Attempted to copy into a program library PDSE. This is a Host Explorer restriction.

RC=969

Reason=X'rrrrssss'

Meaning: During a cross-LPAR copy operation, an attempt to add or replace a member alias of a partitioned dataset as failed.

Action: Check the return codes listed below for a probable cause. If the code is not listed, contact Compuware Customer Support and provide the reason code.

Reference: z/OS DFSMS Macro Instructions for Datasets SC26-7408. Part 2 Non-VSAM Macro Instructions. Refer to the STOW macro (A and R forms) and its list of return codes. The reason code rrrr is the STOW return code and ssss is the STOW reason code.

00040000 - The member name to be added already exists

000C0000 - No space exists in the partitioned dataset directory.

RC=970

Reason=X'rrrrssss'

Meaning: During an attempt to open the VSAM source dataset (FROM dataset) in a cross-LPAR copy, the OPEN macro has failed.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS DFSMS Macro Instructions for Datasets SC26-7408. Part 1 VSAM Macro Instructions. Refer to the OPEN macro and its list of return codes in Chapter 3 which describes both the OPEN return codes and the ACBERFLG codes. The reason code rrrr is the OPEN return code, and the ssss value is the value returned in ACBERFLG. One commonly seen reason code:

000800A0 - The source dataset is empty (contains no records to copy)

RC=971

Reason=X'rrrrssss'

Meaning: During an attempt to open the VSAM destination dataset (TO dataset) in a cross-LPAR copy, the OPEN macro has failed.

Action: The most likely cause is the destination dataset is not reusable; check the return code to see if it matches the return code described below. If it does, this dataset cannot be the target of a copy because it is not reusable. For other return codes, this is a probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS DFSMS Macro Instructions for Datasets SC26-7408. Part 1 VSAM Macro Instructions. Refer to the OPEN macro and its list of return codes in Chapter 3 which describes both the OPEN return codes and the ACBERFLG codes. The reason code rrrr is the OPEN return code, and the ssss value is the value returned in ACBERFLG. One commonly seen reason code:

000800E8 - The destination dataset is not empty and does not have the REUSE attribute.

RC=972

Reason=X'00xyyzz'

Meaning: During an attempt to determine the type of the VSAM destination dataset (TO dataset) in a cross-LPAR copy, the type and its attributes were not identified.

Action: Ensure the type of destination VSAM dataset is one of KSDS, RRDS, ESDS, or LINEAR. Any other type is not supported. If the VSAM type is one of the four supported types and this error occurs, contact Compuware Customer Support and provide the reason code.

Reference: None.

RC=973

Reason=X'00xyzz'

Meaning: During an attempt to determine the type of the VSAM source dataset (FROM dataset) in a cross-LPAR copy, the type and its attributes were not identified.

Action: Ensure the type of source VSAM dataset is one of KSDS, RRDS, ESDS, or LINEAR. Any other type is not supported. If the VSAM type is one of the four supported types and this error occurs, contact Compuware Customer Support and provide the reason code.

Reference: None.

RC=974

Reason=X'xxxxyyy'

Meaning: During an attempt to read a record from the VSAM source dataset (FROM dataset) in a cross-LPAR copy, the GET macro has failed.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS DFSMS Macro Instructions for Datasets SC26-7408. Part 1 VSAM Macro Instructions. Refer to the RPL based list of return codes in Chapter 3 which describes both the GET/PUT return codes and reason codes. The reason code xxxx is the GET return code, and the yyyy value is the value returned in RPLERRCD.

RC=975

Reason=X'xxxxyyy'

Meaning: During an attempt to write a record to the VSAM destination dataset (TO dataset) in a cross-LPAR copy, the PUT macro has failed.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS DFSMS Macro Instructions for Datasets SC26-7408. Part 1 VSAM Macro Instructions. Refer to the RPL based list of return codes in Chapter 3 which describes both the GET/PUT return codes and reason codes. The reason code xxxx is the PUT return code, and the yyyy value is the value returned in RPLERRCD.

RC=999

Reason=X'00000000'

Meaning: An unknown request was received.

Action: Internal error. Contact Compuware Customer Support.

Reference: None.

RC=1001

Reason=X'00000000'

Meaning: The user does not have access authority to the specified dataset. The search attempt is aborted.

Action: Obtain proper access to the dataset or search a different dataset.

Reference: None.

RC=1002

Reason=X'00000001'

Meaning: The user requesting a search has submitted an improper or invalid text string for the search argument.

Action: Specify the search argument with proper syntax as documented by Host Explorer online documentation.

Reference: None.

RC=1003

Reason=X'eeeeiiii'

Meaning: During an attempt to allocate a dataset to be searched the dynamic allocation request has failed.**Action:** This is a dynamic allocation failure. Look up the reason code in the reference manual below to determine the action.**Reference:** z/OS MVS Authorized Assembler Services Guide SA22-7608. Chapter 25 "Dynamic Allocation". The reason code is two parts: eeee is the S99ERROR value, and iiii is the S99INFO value. Commonly received reason codes:

0278 0000 - The dataset was migrated. Recall the dataset and retry.

1708 0002 - The dataset does not exist. Specify a different dataset.

RC=1004

Reason=X'0000000x'

Meaning: During an attempt to search a dataset, a validation error occurred related to the organization of the dataset.**Action:** Review the reason code below. Only DSORG=PS or PO datasets can be searched and these datasets must not specify RECFM=VBS or records larger than 32760 bytes.**Reference:** Possible reason code values:

00000001 - DSORG of specified dataset is not PS or PO.

00000002 - The dataset DSORG is PS but a member name list was specified.

00000003 - The dataset contains RECFM=VBS records.

00000004 - The dataset contains records larger than 32760 bytes.

RC=1005

Reason=X'rrrrrrrr'

Meaning: During an attempt to open a dataset to be searched, the OPEN macro has failed.**Action:** Probable internal error. Contact **Compuware Customer Support** and provide the reason code.**Reference:** z/OS DFSMS Macro Instructions for Datasets SC26-7408. Part 2 Non-VSAM Macro Instructions. Refer to the OPEN macro and its list of return codes. The reason code rrrrrrr is the OPEN return code.**RC=1006**

Reason=X'rrrrrrrr'

Meaning: When attempting to read a dataset or member during a search request, the read has failed.**Action:** Probable I/O or environmental error. Investigate the HCI job log for unusual error messages and/or abend codes, such as S 001-xx. This can be a difficult error to diagnose. The reason code is the first four bytes of the DECB after a BSAM/BPAM READ/CHECK macro has completed. This return code will be issued whenever the post code within the DECB (the first byte of the reason code) is not equal to X'7F'. The X'7F' value is considered a successful read and any other value is an error condition. If the error cannot be determined, contact **Compuware Customer Support** for assistance and provide the reason code as well as any other requested documentation related to the problem.**Reference:** z/OS DFSMS Macro Instructions for Datasets SC26-7408, and z/OS DFSMS Using Data Sets SC26-7410. Refer to the READ and CHECK macros and the processing of sequential and partitioned datasets. The reason code value is the first 4 bytes of the DECB after the CHECK macro completes.**RC=1007**

Reason=X'0000000'

Meaning: When attempting to read a partitioned dataset directory during a search request, the directory read has failed.**Action:** Probable I/O or environmental error. Investigate the HCI job log for unusual error messages and/or abend codes, such as S 001-xx. If the error cannot be determined, contact Compuware Customer Support for assistance and provide any other requested documentation related to the problem.**Reference:** None.

RC=1360

Reason=X'eeeeiiii'

Meaning: During error recovery, dynamic allocation failed for the dump dataset.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS MVS Authorized Assembler Services Guide SA22-7608. Chapter 25 "Dynamic Allocation". The reason code is two parts: eeee is the S99ERROR value, and iiii is the S99INFO value.

RC=1364

Reason=X'rrrrrrrr'

Meaning: During error recovery, an attempt to open the dump dataset has failed.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS DFSMS Macro Instructions for Datasets SC26-7408. Part 2 Non-VSAM Macro Instructions. Refer to the OPEN macro and its list of return codes. The reason code rrrrrrr is the OPEN return code.

RC=1500

Reason=X'00000000'

Meaning: The TP is not APF-authorized and therefore cannot issue service requests to start up the SSAS address space.

Action: Add the dataset containing the TP load module (CXTPMAIN) to the APF dataset list.

Reference: None.

RC=1504

Reason=X'rrrrrrrr'

Meaning: During SSAS start-up, a request was issued to locate the name/token pair passed by the TP requesting services, but an error occurred.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS MVS Programming: Assembler Services Reference SA22-7607. Refer to the IEANTRT macro and its list of return codes. The reason code rrrrrrr is the IEANTRT.

RC=1508

Reason=X'rrrrssss'

Meaning: During an attempt to start-up the SSAS, the address space creation macro ASCRE has failed.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS MVS Authorized Assembler Services Reference SA22-7609. Refer to the ASCRE macro and its list of return codes and reason codes. The reason code rrrr is the return code from ASCRE, and the reason code ssss is the reason code from ASCRE.

RC=1512

Reason=X'00000000'

Meaning: During an attempt to start-up the SSAS, the SSAS terminated unexpectedly.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: None.

RC=1516

Reason=X'rrrrrrrr'

Meaning: During an attempt to start-up the SSAS, an attempt was made to establish cross-memory communication between the TP and the SSAS, the attempt failed.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS MVS Authorized Assembler Services Reference SA22-7609. Refer to the ALESERV macro and its list of return codes and reason codes. The reason code rrrrrrr is the return code from ALESERV.

RC=1520**Reason**=X'rrrrrrrr'**Meaning:** During an attempt to start-up the SSAS, cross-memory communication between the TP and the SSAS was established but the two sides could not be synchronized. A cross-memory POST has failed.**Action:** Probable internal error. Contact Compuware Customer Support and provide the reason code.**Reference:** z/OS MVS Authorized Assembler Services Reference SA22-7611. Refer to the POST macro and its list of return codes and reason codes. The reason code rrrrrrrr is the return code from the cross-memory from of POST.**RC=1524****Reason**=X'rrrrrrrr'**Meaning:** During an attempt to pass a work request to the SSAS, a cross-memory POST has failed after placing the work on the SSAS work queue.**Action:** Probable internal error. Contact Compuware Customer Support and provide the reason code.**Reference:** z/OS MVS Authorized Assembler Services Reference SA22-7611. Refer to the POST macro and its list of return codes and reason codes. The reason code rrrrrrrr is the return code from the cross-memory from of POST.**RC=1528****Reason**=X'00000000'**Meaning:** During an attempt to pass a work request to the SSAS, the work queue was found to be full. Currently, the work queue can hold a maximum of 64 simultaneous work requests.**Action:** Retry the request after a few seconds. If the error persists, contact Compuware Customer Support.**Reference:** None.**RC=1532****Reason**=X'rrrrrrrr'**Meaning:** During an attempt to start-up the SSAS or the SSAUTH, the address space could not continue because no procedure name or no SSAS names were assigned in the TP Configuration File.**Action:** Ensure that the SSAS and/or SSAUTH procedure names, and the SSAS/SSAUTH names are assigned in the TP Configuration File. The possible reason codes are:

00000001 - No procedure name found for SSAS

00000002 - No SSAS name found

Reference: Topaz Workbench Installation Guide**RC=1560****Reason**=X'eeeeiiii'**Meaning:** During a request to retrieve the contents of a DDIO source listing member, the allocation request has failed for the DDIO file that contains the requested member.**Action:** This is a dynamic allocation failure. Look up the reason code in the reference manual below to determine the action.**Reference:** z/OS MVS Authorized Assembler Services Guide SA22-7608. Chapter 25 "Dynamic Allocation". The reason code is two parts: eeee is the S99ERROR value, and iiii is the S99INFO value. Commonly received reason codes:

0278 0000 - The dataset was migrated. Recall the dataset and retry.

1708 0002 - The dataset does not exist. Specify a different dataset.

RC=1564**Reason**=X'rrrrrrrr'**Meaning:** During a request to retrieve the contents of a DDIO source listing member, an attempt to establish the SLS environment failed.

Action: The requested source listing member was most likely not found in the DDIO file. Otherwise, this is a probable internal error. Contact Compuware Customer Support and provide the reason code. Possible reason codes are:

- 0000008C - GETMAIN macro failure
- 00000090 - LOAD macro failure
- 00000094 - FREEMAIN macro failure
- 00000098 - DELETE macro failure
- 0000009C - Invalid CSS release number
- 000000A0 - Invalid Compuware product code
- 000000B0 - DDNAME missing

Reference: None.

RC=1568

Reason=X'rrrrrrr'

Meaning: During a request to retrieve the contents of a DDIO source listing member, an attempt to open the member within the SLS environment failed.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code. Possible reason codes are:

- 00000004 - No listing member found
- 0000008C - GETMAIN macro failure
- 00000094 - FREEMAIN macro failure
- 000000B0 - DDNAME missing

Reference: None.

RC=1572

Reason=X'rrrrrrr'

Meaning: During a request to retrieve the contents of a DDIO source listing member, an attempt to retrieve a block of lines from the member has failed.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code. Possible reason codes are:

- 0000000C - Internal table not found for retrieving lines
- 00000014 - Invalid line number (past end of the member)
- 00000030 - Line number requested not found
- 00000050 - A dataname within the line could not be resolved
- 0000008C - GETMAIN macro failure
- 00000094 - FREEMAIN macro failure

Reference: None.

RC=1580

Reason=X'eeeeiiii'

Meaning: During a request to retrieve the directory contents of a DDIO source listing file, the allocation request has failed for that DDIO file.

Action: This is a dynamic allocation failure. Look up the reason code in the reference manual below to determine the action.

Reference: z/OS MVS Authorized Assembler Services Guide SA22-7608. Chapter 25 "Dynamic Allocation". The reason code is two parts: eeee is the S99ERROR value, and iiii is the S99INFO value. Commonly received reason codes:

- 0278 0000 - The dataset was migrated. Recall the dataset and retry.
- 1708 0002 - The dataset does not exist. Specify a different dataset.

RC=1584**Reason**=X'rrrrrrrr'**Meaning:** During a request to retrieve the directory of a DDIO source listing file, an attempt to establish the necessary environment failed.**Action:** Probable internal error. Contact Compuware Customer Support and provide the reason code. Possible reason codes are:

0000000C - GETMAIN macro failure

Reference: None.**RC=1588****Reason**=X'rrrrrrrr'**Meaning:** During a request to retrieve the directory of a DDIO source listing file, an attempt to read the directory has failed.**Action:** Probable internal error. Contact Compuware Customer Support and provide the reason code.**Reference:** Compuware Enterprise Common Components (ECC) Messages and Codes. Refer to the section titled MVS DDIO and Interface Manager Return Codes.**RC=1592****Reason**=X'rrrrrrrr'**Meaning:** During a request to retrieve the directory of a DDIO source listing file, an access attempt failed because the DDIO file specified is not a source-type DDIO file.**Action:** Select a DDIO file, DDIO shared directory, or DDIO database that has been formatted for use as a source listing repository. The reason code rrrrrrrr indicates the type of DDIO file that was specified (which was not a source-type). The only valid types for reason code are X'0B', X'15', and X'1F', and since they are valid, they should never be returned with return code 1592. Any other reason code value is considered to be an invalid or unsupported type of DDIO file. Specify a source-type DDIO file and retry the request.**Reference:** None.**RC=1600****Reason**=X'eeeeiiii'**Meaning:** During a request to lock, unlock, or delete a source listing member from a DDIO source listing file, the allocation request has failed for that DDIO file.**Action:** This is a dynamic allocation failure. Look up the reason code in the reference manual below to determine the action.**Reference:** z/OS MVS Authorized Assembler Services Guide SA22-7608. Chapter 25 "Dynamic Allocation". The reason code is two parts: eeee is the S99ERROR value, and iiii is the S99INFO value. Commonly received reason codes:

0278 0000 - The dataset was migrated. Recall the dataset and retry.

1708 0002 - The dataset does not exist. Specify a different dataset.

RC=1604**Reason**=X'rrrrrrrr'**Meaning:** During a request to process a member of a DDIO source listing file, an attempt to establish the necessary environment failed.**Action:** Probable internal error. Contact Compuware Customer Support and provide the reason code. Possible reason codes are:

0000000C - GETMAIN macro failure

Reference: None.**RC=1608****Reason**=X'rrrrrrrr'**Meaning:** During a request to process a member of a DDIO source listing file, the open request has failed.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: Compuware Enterprise Common Components (ECC) Messages and Codes. Refer to the section titled MVS DDIO and Interface Manager Return Codes.

RC=1612

Reason=X'rrrrrrr'

Meaning: During a request to lock, unlock, or delete a source listing member from a DDIO source listing file, an access attempt failed because the DDIO file specified is not a source-type DDIO file.

Action: Select a DDIO file, DDIO shared directory, or DDIO database that has been formatted for use as a source listing repository. The reason code rrrrrrr indicates the type of DDIO file that was specified (which was not a source-type). The only valid types for reason code are X'0B', X'15', and X'1F', and since they are valid, they should never be returned with return code 1612. Any other reason code value is considered to be an invalid or unsupported type of DDIO file. Specify a source-type DDIO file and retry the request.

Reference: None.

RC=1616

Reason=X'rrrrrrr'

Meaning: During a request to lock, unlock, or delete a source listing member from a DDIO source listing file, the specific request has failed.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code. Possible return codes are:

- 0000000C - GETMAIN macro failure
- 00000010 - DDIO file not open
- 0000002C - Specified DDIO member does not exist
- 00000030 - Specified member in use
- 0000003C - Member designated read-only
- 000000E0 - Copy, Move, or Import operation in progress on this member
- 000000E4 - Member being created by another process
- 0000FFC - Internal DDIO error

Reference: None.

RC=1620

Reason=X'00000000'

Meaning: During a request to lock, unlock, or delete a source listing member from a DDIO source listing file, the listing number associated with the request was not numeric.

Action: Internal error. The DDIO listing number passed by Host Explorer must be numeric. This is a Host Explorer logic error. Contact Compuware Customer Support.

Reference: None.

RC=1628

Reason=X'rrrrrrr'

Meaning: During a request to create a new shared directory and database, either the shared directory information, or the database information, was not located in the parameter information received from the user workstation.

Action: Internal error. Contact Compuware Customer Support and provide the reason code. The reason codes are:

- 00000001 - Shared directory information not located
- 00000002 - Database information not located

Reference: None.

RC=1632

Reason=X'eeeeiiii'

Meaning: During a request to create a new shared directory and database, an attempt to allocate a temporary dataset to hold control information has failed during dynamic allocation.

Action: This is a dynamic allocation failure. Look up the reason code in the reference manual below to determine the action.

Reference: z/OS MVS Authorized Assembler Services Guide SA22-7608. Chapter 25 "Dynamic Allocation". The reason code is two parts: eeee is the S99ERROR value, and iiii is the S99INFO value.

RC=1636

Reason=X'rrrrrrrr'

Meaning: During a request to create a new shared directory and database, an attempt to open a temporary dataset used to contain control information has failed.

Action: Probable internal error. Contact Compuware Customer Support and provide the reason code.

Reference: z/OS DFSMS Macro Instructions for Datasets SC26-7408. Part 2 Non-VSAM Macro Instructions. Refer to the OPEN macro and its list of return codes. The reason code rrrrrrrr is the OPEN return code.

RC=1640

Reason=X'eeeeiiii'

Meaning: During a request to create a new shared directory and database, an attempt to allocate a SYSOUT dataset to contain utility output has failed during dynamic allocation.

Action: This is a dynamic allocation failure. Look up the reason code in the reference manual below to determine the action.

Reference: z/OS MVS Authorized Assembler Services Guide SA22-7608. Chapter 25 "Dynamic Allocation". The reason code is two parts: eeee is the S99ERROR value, and iiii is the S99INFO value.

RC=1644

Reason=X'eeeeiiii'

Meaning: During a request to create a new shared directory and database, an attempt to allocate the new shared directory has failed during dynamic allocation.

Action: This is a dynamic allocation failure. Look up the reason code in the reference manual below to determine the action.

Reference: z/OS MVS Authorized Assembler Services Guide SA22-7608. Chapter 25 "Dynamic Allocation". The reason code is two parts: eeee is the S99ERROR value, and iiii is the S99INFO value.

RC=1648

Reason=X'eeeeiiii'

Meaning: During a request to create a new shared directory and database, an attempt to allocate the new database has failed during dynamic allocation.

Action: This is a dynamic allocation failure. Look up the reason code in the reference manual below to determine the action.

Reference: z/OS MVS Authorized Assembler Services Guide SA22-7608. Chapter 25 "Dynamic Allocation". The reason code is two parts: eeee is the S99ERROR value, and iiii is the S99INFO value.

RC=1652

Reason=X'rrrrrrrr'

Meaning: During a request to create a new shared directory and database, the IDCAMS utility was called to allocate the new datasets. IDCAMS has failed during the creation request.

Action: The workstation user is presented an opportunity to view the output from IDCAMS which should indicate the reason for the error. Usually, this type of error will occur when one or more of the parameters needed to create these datasets is missing or invalid. This output can also be viewed with an appropriate output viewing utility on the mainframe; the output is located as one of the DD names associated with the Shared Services Address Space procedure (SSAS).

Reference: z/OS DFSMS Access Method Services, SC26-7394. Refer to the chapter associated with DEFINE CLUSTER along with the IDCAMS output. The reason code rrrrrrrr is the return code received from IDCAMS.

RC=1656**Reason**=X'rrrrrrrr'**Meaning:** During a request to create a new shared directory and database, the CWDDALLU utility was called to format the new datasets. CWDDALLU has failed during the format request.**Action:** The workstation user is presented an opportunity to view the output from CWDDALLU which should indicate the reason for the error. Usually, this type of error will occur when one or more of the parameters needed to create these datasets is missing or invalid. This output can also be viewed with an appropriate output viewing utility on the mainframe; the output is located as one of the DD names associated with the Shared Services Address Space procedure (SSAS).**Reference:** *Compuware Shared Services User/Reference Guide, MVS Version* (see the chapter titled, "CWDDALLU"). Refer to the chapter associated with CREATE OBJECT=SRCRDIR and CREATE OBJECT=DATABASE along with the utility's output. Also, refer to the *Enterprise Common Components (ECC) Messages and Codes* manual for any error messages issued by the utility. The reason code rrrrrrr is the return code received from the utility.**RC=1660****Reason**=X'eeeeiiii'**Meaning:** During a request to create a new shared directory and database, an attempt to allocate a SYSOUT dataset to contain utility output has failed during dynamic allocation.**Action:** This is a dynamic allocation failure. Look up the reason code in the reference manual below to determine the action.**Reference:** IBM's *z/OS MVS Authorized Assembler Services Guide SA22-7608* (see Chapter 25, "Dynamic Allocation"). The reason code is two parts: eeee is the S99ERROR value, and iiii is the S99INFO value.**RC=1901****Reason**=X'rrrrrrrr'**Meaning:** An XML parsing failure has occurred.**Action:** This is an internal error. Contact Compuware Customer Support for assistance.**Reference:** None.**RC=1902****Reason**=X'00000000'**Meaning:** Task table is full. File-AID has requested too many tables or files to be open at once.**Action:** Reduce the number of open DB2 tables or files.**Reference:** None.**RC=1903****Reason**=X'rrrrrrrr'**Meaning:** Data was received for a task that no longer exists.**Action:** This is an internal error. Contact Compuware Customer Support for assistance.**Reference:** None.**RC=1904****Reason**=X'rrrrssss'**Meaning:** When sending data from the mainframe to Mainframe Modernization Components, an error occurred during the conversion of the data from EBCDIC to UTF-8.**Action:** Probable internal error. Contact Compuware Customer Support and provide the reason code.**Reference:** None.

Messages

These messages could appear on the HCI job log output during execution. These messages are issued by the CSS TP servicing Host Explorer and Xpediter/Eclipse users.

Each of the messages contains a message ID starting with CX and is followed by a 4-digit number representing the task number. The task number can be used to group messages issued by the various TPs in execution.

Message Format:

CXxxmmm###s nnnn message-text

Where:

CX is the CSS identifier

xx is one of TP or AS. TP is the CSS TP, AS is the SSAS.

mmm is the module csect id issuing the message

is the message number

s is the severity code (I=informational, W=warning, S=severe)

nnnn is the subtask number for the life of this TP or AS subtask

CXADSP024I command received from user ID

Meaning: The SSAS received an operator console command from the specified user ID.

Action: None.

CXADSP028W Journal task not active; restart SSAS to activate

Meaning: Journaling could not start for the SSAS because the journal task is not active. The journal task can fail to start if it cannot allocate or open the journal datasets, or if no SSAS journal datasets were specified in TP Configuration File. Processing continues normally, but without journaling.

Action: Verify the journal dataset exists, and that it has universal update access and shutdown the SSAS with the MVS STOP command. It will restart automatically on the next request from a client user.

CXADSP030W Request not recognized; input ignored

Meaning: A MVS MODIFY command was issued to the SSAS, but the command was not recognized. Processing continues.

Action: Reenter the command with the proper input parameters.

CXADSP031I CXTRACE request active for user userid

Meaning: A MVS MODIFY command was issued to the SSAS to start a CXTRACE at the request of Compuware Customer Support.

Action: None

CXADSP032I CXTRACE request ignored; currently active for user userid

Meaning: A MVS MODIFY command was issued to the SSAS to start a CXTRACE but the trace was already active. Processing continues with CXTRACE active.

Action: None

CXADSP033I CXTRACE now inactive

Meaning: A MVS MODIFY command was issued to the SSAS to stop an active CXTRACE.

Action: None

CXASINIO20I ssasname initialization complete

Meaning: The SSAS has successfully started and is ready for use. The ssasname is the name specified in the TP Configuration File member.

Action: None.

CXASINI034I ssasname is running APF-authorized

Meaning: The SSAS is operating with APF-Authorization. The SSAS does not currently require APF-authorization and some routines may not execute properly in this environment.

Action: None, but it is recommended that SSAS run non-authorized.

CXASJRN021I Journal now recording to dataset name

Meaning: The SSAS journal dataset successfully.

Action: None.

CXASJRN022I Journal dataset name closed

Meaning: The SSAS journal dataset has been closed successfully.

Action: None.

CXASJRN025S No JOURNAL datasets defined

Meaning: No SSAS journal datasets were defined in the TP Configuration File member. Processing continues without journaling.

Action: None.

CXASJRN026S Could not allocate dataset name,

Meaning: A SSAS journal dataset specified in TP Configuration File member could not be allocated. This message is followed by CXASJRN044S. A user abend 0027 is issued, but processing continues without journaling.

Action: Verify the journal dataset exists, and that it has universal update access.

CXASJRN027S Could not open dataset name,

Meaning: A SSAS journal dataset specified in TP Configuration File member could not be opened. This message is followed by CXASJRN045S. A user abend 0027 is issued, but processing continues without journaling.

Action: Verify the journal dataset exists, and that it has universal update access.

CXASJRN029S Journal write RPL error X"xx"

Meaning: An RPL occurred attempting to write a journal record. The RPL error code is from the VSAM PUT macro. Processing continues normally, but without journaling.

Action: Reallocating the SSAS journal datasets and restarting the SSAS may help. If the error persists, contact Compuware Customer Support.

CXASJRN044S Allocation S99ERROR=X"xx"

Meaning: A SSAS journal dataset specified in TP Configuration File member could not be allocated. This message is preceded by CXASJRN026S. A user abend 0027 is issued, but processing continues without journaling. The S99ERROR value specified the dynamic allocation error code.

Action: Verify the journal dataset exists, and that it has universal update access.

CXASJRN045S Journal task abend forced

Meaning: SSAS is unable to start journaling. The journal task is terminated with a user 0027 abend, and processing continues without journaling.

Action: None.

CXASREQ007S Term RC=% FDBK=% Reason=% z=% mms

Meaning: A SSAS subtask has terminated. The last return code and reason code processed while the task was executing is shown in the FDBK= and Reason= fields. The z= field shows the amount of zIIP processing time consumed by the TP subtask during execution, in microseconds (if zIIP processing is enabled, otherwise this value is 0). The z= value will always be 0 for SSAS tasks.

Action: None. The FDBK and Reason values are shown in section "Return Codes" on page 1-17. The RC= value is indicative only that an error occurred, and does not contain a useful value. Use only the FDBK and Reason values when looking up the error in "Return Codes" on page 1-17. (Note: FDBK = RC and Reason = Reason).

CXASREQ035I Req = code function userid

Meaning: A diagnostic aid message that indicates the current SSAS function being requested by a client user. The code is the function code output by the XML parser and the function value is high level name of the function to be performed. This message is only informational.

Action: None.

CXASSTA011S Abend abend-code

Meaning: During SSAS subtask execution, an abend was encountered. An abend dump is produced and is available in the HCI sysout with a ddname of TPnnnn where nnnn is the task number of this TP identified in the message.

Action: Most abends can be ignored unless they persist. Contact Compuware Customer Support if necessary.

CXTPCFG001S Open failed on configuration dataset

Meaning: The CSS TP Configuration File dataset could not be opened.

Action: Verify that the dataset is created and the configuration member exists. Verify that the dataset has universal READ access. Verify that the TPCONFIG DD statement exists in the HCI start-up JCL stream and that it specifies this dataset.

CXTPCFG002W Configuration parameter cannot begin in column 1

Meaning: An unexpected character was found in column 1 of the configuration member.

Action: Column 1 of the configuration member can only contain an asterisk character, indicating a comment, or a blank character. All parameters specified in the member must begin in any other column.

CXTPCFG003W Error parsing configuration parameter in record x

Meaning: An unexpected error was encountered examining the parameters specified in the configuration member.

Action: Each parameter statement must begin after column 1, and all subsequent parameters on the line must be separated by one or more blanks. Other than the blank separation, the record is free form and data can begin in any column except column 1.

This message is followed by CXTPCFG004W which shows a portion of the failing record.

CXTPCFG004W RECORD=" record text "

Meaning: This message follows a prior message indicating an error processing the configuration member. The record text shows a portion of the failing record.

Action: Correct the failing record using the syntax of the parameter as described in the configuration steps of the Installation Guide.

CXTPCFG005W Unknown configuration parameter specified in record x

Meaning: An unidentified configuration parameter was encountered examining the parameters specified in the configuration member.

Action: Check the parameter against those listed in the Installation Guide and correct the error. This message is followed by CXTPCFG004W which shows a portion of the failing record.

CXTPCFG006S Maximum number of configuration entries (100) exceeded

Meaning: When processing the configuration member, more than 100 total HCI, TSO, and CICS entries were scanned. Currently, the limit is 100 entries, in any combination.

Action: Check the configuration member for unused or unnecessary entries and remove them. Contact Compuware Customer Support if more entries are required.

CXTPCFG017S Member mmmmmmm not found in dataset DD TPCONFIG (FIND RC=04)

Meaning: When attempting to process the TP Configuration File member, the member could not be located.

Action: Verify that the dataset is created and the configuration member exists. Verify that the dataset has universal READ access. Verify that the TPCONFIG DD statement exists in the HCI start-up JCL stream and that it specifies this dataset. Verify that the member name is identical to the name of the TP (TPNAME parameter value on the HCICNPB macro in the HCI Configuration).

CXTPCFG018S FIND member mmmmmmm failed in DD TPCONFIG, R15=xx, R0=xx

Meaning: When attempting to process the TP Configuration File member, an error occurred trying to locate the member.

Action: This message usually indicates some type of I/O error when trying to read a PDS directory. The R15 and R0 values are the return and reason codes from the FIND macro. Contact Compuware Customer Support for assistance.

CXTPCFG019I Configuration file % successfully processed

Meaning: The TP Configuration File member was successfully processed and is now active.

Action: None.

CXTPCFG023W Additional JOURNAL datasets ignored (3 max)

Meaning: In the TP Configuration file member, more than three JOURNAL statements are specified. The maximum number of JOURNAL statements that can be specified is three.

Action: Remove the extra JOURNAL statements from the configuration file member and refresh the configuration using the TPAdmin utility or restart the HCI.

CXTPCFG046S zIIP parameter must specify either Y or N

Meaning: The zIIP parameter within the TP Configuration File's LOCAL statement must specify a value of Y or N, or not be coded (blank).

Action: Correct the zIIP value coded on the LOCAL statement of the TP Configuration File member.

CXTPCFG047S Values on ENABLE record must specify Y or N

Meaning: The values coded for an ENABLE statement within the TP Configuration File must specify a value of Y or N.

Action: Correct the ENABLE values coded on the that statement within the TP Configuration File member.

CXTPCFG050S NOTIFY must specify Y or N and a purge duration range of 0-999

Meaning: The NOTIFY statement in the TP Configuration File must specify a Y or N value indicating whether job notifications are to be enabled. The purge duration value specifies how many days the job notification data can be queued up for delivery before it is deleted because of non-delivery.

Action: Specify Y or N after the NOTIFY keyword, and a value between 0 and 999 for the purge duration. The purge duration is in number of days. A purge duration of zero indicates no purging will occur for non-deliverable messages.

CXTPCFG054I CXTPMMSGs must specify FULL, QUIET, or NONE.

Meaning: The CXTPMMSGs statement within the TP Configuration File member must be coded with one of the options being FULL, QUIET, or NONE, but an unexpected value was found.

Action: Correct the CXTPMMSGs statement by specifying the correct option.

CXTPCFG058S DSNHLQ must contain characters A-Z, 0-9, #,@,\$ only

Meaning: A high level qualifier was specified via the DSNHLQ statement in the TP Configuration File. The qualifier is invalid and does not consist of the valid characters for specifying dataset names.

Action: Correct the DSNHLQ parameter to specify only the characters consisting of A through Z, 0 through 9, #, @, or \$

CXTPCFG059S DSNHLQ must start with a non-numeric character

Meaning: A high level qualifier was specified via the DSNHLQ statement in the TP Configuration File. The qualifier is invalid and does not begin with a non-numeric character as required for specifying dataset names.

Action: Correct the DSNHLQ parameter to specify only the characters consisting of A through Z, or #, @, or \$ as the first character of the qualifier.

CXTPCFG060S INACTIVITY time out value range must be 0-32767

Meaning: The time out minutes value for the INACTIVITY statement is the first numeric parameter of two parameters on this statement. This value must be in a range of zero to 32767. A zero value indicates that no connections are to be terminated due to inactivity.

Action: Correct the first INACTIVITY parameter to specify a time out value in minutes in the range 0-32767.

CXTPCFG063S NOTIFYONLY must specify one of ALL or LOCAL

Meaning: The NOTIFYONLY statement parameter is incorrectly specified. The parameter values must be specified as ALL or LOCAL.

Action: Correct the NOTIFYONLY parameter to specify ALL or LOCAL.

Explanation: CXTPFXV056S FXSERVER module could not be loaded;

CXTPCIC039I IP=ip address, Port=port, TCPNAME=tcp/ip stack name

Meaning: An Xpediter/Eclipse request to launch a CICS debugging session is showing the IP address and port number of the desired CICS. The TCP/IP stack name being used is displayed. The stack name should be the TCPNAME value specified in the HCI configuration's HCICNAMB macro.

Action: None. The IP address displayed in the message must be the same as the z/OS system that the CICS region is executing, or the connection will not be successful.

CXTPCIC040I tranid RS=xx, CLID=cics client id

Meaning: An Xpediter/Eclipse request to launch a CICS debugging session is showing the CICS transaction ID specified in the TP Configuration File, the reason code xx issued by that transaction (See "RC=416" on page 1-35), and the CICS client ID information from TCP/IP. This information is only for diagnostic purposes when connection failures occur.

Action: None.

CXTPCIC041I Launch RC=xx FDBK=xxx Reason=xx

Meaning: An Xpediter/Eclipse request to launch a CICS or TSO based debugging session is showing the return code and reason codes, if any, issued by the launch sequence. The FDBK and Reason values are the RC and Reason values detailed in the in the section, "Return Codes" on page 1-17. This information is only for diagnostic purposes when connection failures occur.

Explanation: **Action:** None.

CXTPFARE036W This HCI is not at the required maintenance level to support**CXTPFARE037W debugging with Xpediter/Eclipse.**

Meaning: A diagnostic aid message that indicates the HCI hosting the CSS TP is not at the correct maintenance level to allow debugging with Xpediter/Eclipse.

Action: Ensure the latest Compuware maintenance is applied to HCI and CSS. Then restart the HCI and retry the debugging session.

CXTPFARE038W debugging with Host Explorer.

Meaning: A diagnostic aid message that indicates the HCI hosting the CSS TP is not at the correct maintenance level to allow operation with all parts of Host Explorer.

Action: Ensure the latest Compuware maintenance is applied to HCI and CSS. Then restart the HCI and retry the connection.

CXTPFXV057S File-AID SXVJAUTH dataset missing from STEPLIB DD

Meaning: A load failed for the module FXSERVER. This usually means that the File-AID common authorized library is not in the STEPLIB DD concatenation of the TP started-task procedure named by the STASK statement in the TP Configuration File. These messages appear in the job log of the started-task.

Action: If File-AID Data Editor is to be used by Topaz Workbench, specify the File-AID dataset's as specified in the sample procedure member CXSS0000 in COMPWARE.MLCXnnn.SLCXCNTL.

If File-AID Data Editor is not to be used, this error can be ignored; it does not affect Topaz Workbench operation.

FDBK code 793 Reason=08060004 is issued along with these messages.

CXTPFXV056S FXSERVER module could not be loaded;**CXTPFXV057S File-AID SXVJAUTH dataset missing from STEPLIB DD**

Meaning: A load failed for the module FXSERVER. This usually means that the File-AID common authorized library is not in the STEPLIB DD concatenation of the TP started-task procedure named by the STASK statement in the TP Configuration File. These messages appear in the job log of the started-task.

Action: If File-AID Data Editor is to be used by Topaz Workbench, specify the File-AID dataset's as specified in the sample procedure member CXSS0000 in COMPWARE.MLCXnnn.SLCXCNTL.

If File-AID Data Editor is not to be used, this error can be ignored; it does not affect Topaz Workbench operation. FDBK code 793 Reason=08060004 is issued along with these messages.

CXTPMAI007I Term RC=% FDBK=% Reason=% z=% mms

Meaning: A CSS TP subtask has terminated. The last return code and reason code processed while the task was executing is shown in the FDBK= and Reason= fields. The z= field shows the amount of zIIP processing time consumed by the TP subtask during execution, in microseconds (if zIIP processing is enabled, otherwise this value is 0).

Action: None. The FDBK and Reason values are shown in section "Return Codes" on page 1-17. The RC= value is indicative only that an error occurred, and does not contain a useful value. Use only the FDBK and Reason values when looking up the error in the return codes documentation (FDBK is RC, and Reason is Reason).

CXTPMAI008I SLSE Status=xxxxxxx CPIC-RC=yy

Meaning: A TP user is attempting to logon, but the logon attempt could not be verified. The status codes (in hex) are:

Status Code		Meaning
Dec	Hex	
1	00000001	Password not correct.
2	00000002	Password expired.
3	00000003	New password invalid.
4	00000004	User ID expired.
5	00000005	User ID not recognized.
6	00000006	User ID revoked.
7	00000007	Group not recognized.
8	00000008	User ID not valid for group.
9	00000009	User ID revoked from group.
10	0000000A	Unspecified error returned from HCI CW_SLSE.

Action: Retry the logon attempt or contact your on site security administrator. For reason code 0000000A, contact Compuware Customer Support and provide the reason code and CPIC-RC value in the message.

CXTPMAI009I Init tpname Hxxxxxxx

Meaning: A CSS TP has been initiated. This message is issued instantly upon contact of the HCI by a client user. No data has yet been received or sent, this only indicates contact has occurred. The name of the TP is displayed as well as the TCB address of the new subtask in the Hxxxxxxx field.

Action: None.

CXTPMAI010S XML tag error X"xx", tag=<ttt>

Meaning: A message was received from the client connection but during processing of the message an XML parsing error was encountered.

Action: This error can sometimes be encountered if a connection was dropped and reestablished. But if the error persists or occurs repeatedly when a client user is attempting to perform a valid function, contact Compuware Customer Support. This error is usually identified in Host Explorer as RC=160, Reason=xx where the reason code is the same one in the message above.

CXTPMAI013I Req = code function

Meaning: A diagnostic aid message that indicates the current function being requested by a client user. The code is the function code output by the XML parser and the function value is high level name of the function to be performed. This message is only informational.

CXTPMAI043S The HCI configuration HCICNAMB macro does not specify HPNS=CURR

Meaning: The HCI hosting the CSS TP has either a configuration parameter mismatch or the HCI is not up to date with maintenance. The TP will not operate correctly.

Action: Ensure that the HCI configuration's HCICNAMB macro has the HPNS= parameter specifying CURR and that HCI PTF HCA0031 is applied. After applying the PTF, you must ensure that you reassemble the HCI

configuration macros using the SYS1.SMPMTS dataset in the assembly's SYSLIB DD statement concatenation. The PTF changes an HCI macro, and in order to pick up the change, the SMPMTS library must be used.

CXTPSMC048I EMCS Console tpname active
CXTPSMC048I EMCS Console tpname inactive

Meaning: The extended MCS console for the TP has become active or inactive. This message is only informational. These messages may be accompanied by system messages IEA630I or IEA631I.

Action: None.

CXTPSMC049S EMCS console failed initialization, RC/RS=rr/ss

Meaning: The extended MCS console for the TP has failed its initialization. Job notification messages cannot be recorded.

Action: This error may be corrected by restarting HCI. However, if the error persists, contact Compuware Customer Support for assistance. The RC/RS values are the return and reason codes from the MCSOPER macro. This macro is documented in the z/OS MVS Authorized Assembler Services Reference SA22-7609. Refer to the MCSOPER macro.

CXTPSMC051S EMCS console message retrieval failed, RC/RS=rr/ss

Meaning: The extended MCS console for the TP was unable to continue searching for job notification messages.

Action: This error may be corrected by stopping the TP's EMCS console via the TPAdmin utility and then restarting it, or by restarting HCI. However, if the error persists, contact Compuware Customer Support for assistance. The RC/RS values are the return and reason codes from the MCSOPMSG macro. This macro is documented in the z/OS MVS Authorized Assembler Services Reference SA22-7609. Refer to the MCSOPMSG macro.

CXTPSTA011S Abend abend-code

Meaning: During TP subtask execution, an abend was encountered. An abend dump is produced and is available in the HCI sysout with a ddname of TPnnnn where nnnn is the task number of this TP identified in the message.

Action: Most abends can be ignored unless they persist. Contact Compuware Customer Support if necessary.

CXTPSTA012I Hello from ip-address userid

Meaning: The client user was successfully logged on and the TP subtask is executing under the security profile for the userid indicated in the message. In some cases a userid value might not be shown; in this instance (such as a CICS debugging session launch by Xpediter/Eclipse), the security profile will be later established by CICS.

Action: None.

CXTPTCT062I TP control task active

CXTPTCT062I TP control task has ended

Meaning: These messages simply indicate that the TP control task has started or has ended. They will be issued when the first TP starts up, and when the HCI is shut down.

Action: None.

CXTPVTA055S TP is not running APF-authorized

Meaning: The CSS TP requires APF-authorization to perform its functions. APF-authorization is a documented requirement.

Action: Please ensure that the COMPWARE.MLCXnnn.SLCXAUTH library is properly APF-authorized, and that the other libraries in the associated STEPLIB concatenation are also APF-authorized so as not to lose APF-authorization for all datasets.

CXTPVTA014S Open VTAM ACB failure - ACBERROR=X'xx', APPLID=aaaaaaa

Meaning: During an Xpediter/Eclipse interactive TSO debugging session launch, the VTAM ACB could not be opened. This is accompanied by RC=164,Reason=XX, which is the ACB ERROR field value.

Action: Probable specification error of VTAM APPL definitions. Several possible causes exist:

"APPL definition not defined

"APPL not specified in the TP configuration file

"APPL in use by another application

"APPL requires a password (no APPL password support existing in Xpediter/Eclipse)

"APPL access restricted by local security rules

Look up the ACBERROR code in the reference below to determine the cause. If the cause cannot be corrected locally, contact Compuware Customer Support and provide the reason code. Common reason codes and their meanings:

14 - Insufficient storage to open the ACB

24 - User is not authorized to use the APPL

52 - VTAM is shutting down

58 - The APPL is already in use by another program or user

5A - The APPL was not defined to VTAM

Reference: IBM's *z/OS Communications Server SNA Programming* (see Chapter 13 "Conventions and Descriptions of VTAM macroinstructions"). After the description of the OPEN macro a list of possible return codes is listed. The ACBERROR code xx is the OPEN return code.

CXTPVTA0155 RPL error - R15=xx,R0=xx,FDBK2=xx,O=xx,C=xx,N=xx

Meaning: During an Xpediter/Eclipse debugging session with TSO, a communications error occurred between the TP and VTAM.

Action: This is an internal error. Contact Compuware Customer Support and provide the reason code. See also "RC=188" on page 1-25.

CXTPVTA0411 Launch RC=xx FDBK=xxx Reason=xx

Meaning: An Xpediter/Eclipse request to launch a CICS or TSO based debugging session is showing the return code and reason codes, if any, issued by the launch sequence. The FDBK and Reason values are shown in section "Return Codes" on page 1-17. This information is only for diagnostic purposes when connection failures occur.

Action: None.

CXTPVTA0421 TSO=ttttttt APPL=aaaaaaa PROC=pppppppp SIZE=ssss

Meaning: An Xpediter/Eclipse request to launch a TSO based debugging session is showing the TSO APPLID specified in the TP Configuration File, the selected user APPLID also from the APPL list in the TP Configuration File, the TSO JCL procedure and region size specified by the Xpediter/Eclipse user. This information is only for diagnostic purposes when connection failures occur.

Action: None.

CXTPVTA0521 ACCOUNT=account number

Meaning: The account number used for a TSO-based debug session is displayed for diagnostic purposes. This message is purely informational and might be used if TSO-based debug sessions are not correctly starting.

Action: None.

CXTPVTA0531 message text

Meaning: If an unexpected message is issued by TSO or security software during the logon process that precedes a TSO-based debugging session, the unexpected message text will be displayed.

Action: The message text is used to assist in diagnosis of debugging start-up failures with the assistance of Compuware Customer Support.

CXTPVTA0555 TP is not running APF-authorized

Meaning: The CSS TP requires APF-authorization to perform its functions. APF-authorization is a documented requirement.

Action: Please ensure that the COMPWARE.MLCXnnn.SLCXAUTH library is properly APF-authorized, and that the other libraries in the associated STEPLIB concatenation are also APF-authorized so as not to lose APF-authorization for all datasets.