

IBM TotalStorage[®] DS6000



Messages

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Messages

Note:

Before using this information and the product it supports, read the information in “Notices” on page 497.

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Contents

Tables xliii

Notices and publication information xlv

Safety notices xlv

Environmental notices xlv

Product recycling and disposal xlv

Battery return program xlv

How to send your comments. xlvii

Chapter 1. Messages 1

Chapter 2. About messages 3

Chapter 3. Framework messages 5

CMMCI9001E Command *command_name* resulted in an internal server error (error number *return_code*). View the log file for details. 5

CMMCI9002I Command *command_name* halted. 5

CMMCI9003W No *object_name* instances found in the system. 5

CMMCI9004E Cannot modify *object_type* *object_name* because it does not exist. 5

CMMCI9005I There is nothing to modify. 6

CMMCI9006E No *class_type* instances *object_name* found that match criteria: *criteria*. 6

CMMCI9007E *object_type* *object_name* does not exist. 6

CMMCI9008I Unsupported command *command_name* completed successfully. 6

CMMCI9009E The unsupported *command_name* command failed with a value *return_code*. 7

CMMCI9010E The command did not complete successfully. 7

CMMCI9013E Command: *command_name* was not found. 7

CMMCI9014E The parameter *-parameter_name* is not valid. 7

CMMCI9015E The value *value* for parameter *-parameter_name* is not formatted correctly. 7

CMMCI9016E Missing parameter name after -. 8

CMMCI9017E Parameter *parameter_name* is already specified. 8

CMMCI9018E Parameter *parameter_name* is missing a required value. 8

CMMCI9019E The value for *parameter_name*: *value* is not valid. 8

CMMCI9021E Command *command_name* is not formatted correctly. 8

CMMCI9022E Missing required parameter: *parameter_name*. 9

CMMCI9023E *parameter_name* is mutually exclusive of *parameter_name*. 9

CMMCI9024E *value* exceeds the maximum allowable value of *maximum_value* for the parameter

command_name. 9

CMMCI9025E *value* does not meet the minimum allowable value of *minimum_value* for the parameter *parameter_name*. 9

CMMCI9026E Unmatched *character_value* characters. 10

CMMCI9027E Invalid value for *parameter_name*. The length exceeds *maximum_length* characters. 10

CMMCI9028E The value *value* specified for parameter *parameter_value* is not valid. 10

CMMCI9029E *object_type* *object_name* does not exist. 10

CMMCI9030E Value *value* cannot be accepted with any other value for the *-parameter_name* parameter. 11

CMMCI9031E The help page for command *command_name* does not exist. 11

CMMCI9032E You must specify parameter *parameter_name* if you specify parameter

parameter_name. 11

CMMCI9033E File *file_name* does not exist. 11

CMMCI9034E Parameter *parameter_name* cannot be used in the same command as parameter

parameter_name. 12

CMMCI9035E *object_type* *object_name* already exists. 12

CMMCI9036E The value *value* for parameter *-parameter_name* is already specified. 12

CMMCI9037E Multiple targets not allowed for command *command_name*. 12

CMMCI9038E You cannot specify multiple *values* when using the *parameter_name* parameter. 13

CMMCI9039E The value *value* for *parameter_name* is not valid. It contains unsupported

characters. 13

CMMCI9040E The value *value* for the parameter *parameter_name* is not valid. It contains

unsupported characters. 13

CMMCI9041E The value for *parameter_name* is not valid. You must specify either *value1* or

value2. 13

CMMCI9042E The value for the parameter *-parameter_name* cannot contain a *value*. 14

CMMCI9043E Number of entries (*entries*) is exceeded for the *-parameter_name* parameter. 14

CMMCI9044E Entry *entry_value* exceeds the length limit (*entry_limit*) for one item for the

-parameter_name parameter. 14

CMMCI9045E The value for *-parameter_name* must be *operator* the current setting of *value*. 14

CMMCI9046E Unrecognized syntax error in command *command_name*. 15

CMMCI9047E Cannot run <i>command_name</i> as a command within the <i>application_name</i> application. Tip: Enter "help <i>command_name</i> " for more information.	15
CMMCI9048E The date provided: <i>date_value</i> is invalid. Tip: Correct format for the date field is YYYY-MM-DD	15
CMMCI9049E You must specify one flag from the following group when issuing this command: <i>param_group</i>	15
CMMCI9050E The "-" option is not valid in interactive mode. Tip: If you intended to use this as a value substitution indicator, you must enter the value.	16
CMUF00000E You must enter a user name.	16
CMUF00001E You must enter a password.	16
CMUF00002E You must enter a user name and a password.	16
CMUF00003E The panel you requested encountered an internal error.	16

Chapter 4. DS command-line interface messages 19

CMUC00000I <i>COMMAND_INFO</i> Extent pool <i>VALUE_0</i> successfully created.	19
CMUC00001I <i>COMMAND_INFO</i> Extent pool <i>VALUE_0</i> successfully modified.	19
CMUC00002W <i>COMMAND_INFO</i> Are you sure you want to delete extent pool <i>EXTENT_POOL_ID</i> ? [y/n]:	19
CMUC00003I <i>COMMAND_INFO</i> Extent pool <i>VALUE_0</i> successfully deleted.	19
CMUC00004I <i>COMMAND_INFO</i> Array <i>VALUE_0</i> successfully created.	19
CMUC00005W <i>COMMAND_INFO</i> Are you sure you want to delete array <i>ARRAY_ID</i> ? [y/n]:	20
CMUC00006I <i>COMMAND_INFO</i> Array <i>VALUE_0</i> successfully deleted.	20
CMUC00007I <i>COMMAND_INFO</i> Rank <i>VALUE_0</i> successfully created.	20
CMUC00008I <i>COMMAND_INFO</i> Rank <i>VALUE_0</i> successfully modified.	20
CMUC00009W <i>COMMAND_INFO</i> Are you sure you want to delete rank <i>RANK_ID</i> ? [y/n]:	20
CMUC00010I <i>COMMAND_INFO</i> Rank <i>VALUE_0</i> successfully deleted. NOTE: The rank might still be visible to queries until reformatting completes.	21
CMUC00011I <i>COMMAND_INFO</i> I/O Port <i>VALUE_0</i> successfully configured.	21
CMUC00012I <i>COMMAND_INFO</i> Host connection <i>VALUE_0</i> successfully created.	21
CMUC00013I <i>COMMAND_INFO</i> Host connection <i>VALUE_0</i> successfully modified.	21
CMUC00014W <i>COMMAND_INFO</i> Are you sure you want to delete host connection <i>HOST_CONNECT_ID</i> ? [y/n]:	21
CMUC00015I <i>COMMAND_INFO</i> Host connection <i>VALUE_0</i> successfully deleted.	22
CMUC00016I <i>COMMAND_INFO</i> Port group number <i>PORT_GROUP</i> successfully modified.	22

CMUC00017I <i>COMMAND_INFO</i> LCU <i>VALUE_0</i> successfully created.	22
CMUC00018I <i>COMMAND_INFO</i> LCU <i>VALUE_0</i> successfully modified.	22
CMUC00019W <i>COMMAND_INFO</i> Are you sure you want to delete LCU <i>LCU_ID</i> ? [y/n]:	22
CMUC00020I <i>COMMAND_INFO</i> LCU <i>VALUE_0</i> successfully deleted.	23
CMUC00021I <i>COMMAND_INFO</i> CKD Volume <i>VALUE_0</i> successfully created.	23
CMUC00022I <i>COMMAND_INFO</i> CKD Volume <i>VALUE_0</i> successfully modified.	23
CMUC00023W <i>COMMAND_INFO</i> Are you sure you want to delete CKD volume <i>VOLUME_ID</i> ? [y/n]:	23
CMUC00024I <i>COMMAND_INFO</i> CKD volume <i>VALUE_0</i> successfully deleted.	23
CMUC00025I <i>COMMAND_INFO</i> FB volume <i>VALUE_0</i> successfully created.	24
CMUC00026I <i>COMMAND_INFO</i> FB volume <i>VALUE_0</i> successfully modified.	24
CMUC00027W <i>COMMAND_INFO</i> Are you sure you want to delete FB volume <i>VOLUME_ID</i> ? [y/n]:	24
CMUC00028I <i>COMMAND_INFO</i> FB volume <i>VALUE_0</i> successfully deleted.	24
CMUC00029I <i>COMMAND_INFO</i> LSS <i>VALUE_0</i> successfully modified.	24
CMUC00030I <i>COMMAND_INFO</i> Volume group <i>VALUE_0</i> successfully created.	25
CMUC00031I <i>COMMAND_INFO</i> Volume group <i>VALUE_0</i> successfully modified.	25
CMUC00032W <i>COMMAND_INFO</i> Are you sure you want to delete volume group <i>VOLGRP_ID</i> ? [y/n]:	25
CMUC00033I <i>COMMAND_INFO</i> Volume group <i>VALUE_0</i> successfully deleted.	25
CMUC00034W <i>COMMAND_INFO</i> Data can be lost. You have requested an operation that discards a portion of the volume. Are you sure that you want to delete tracks <i>START</i> to <i>END</i> on volume <i>VOLUME_ID</i> ? [y/n]:	25
CMUC00035I <i>COMMAND_INFO</i> Pinned tracks <i>START</i> to <i>END</i> on volume <i>VOLUME_ID</i> successfully deleted.	26
CMUC00036W <i>COMMAND_INFO</i> Are you sure you want to reset the access state for volume <i>VOLUME_ID</i> ? [y/n]:	26
CMUC00037I <i>COMMAND_INFO</i> Access state for volume <i>VOLUME_ID</i> successfully reset.	26
CMUC00038W <i>COMMAND_INFO</i> Are you sure you want to clear volume <i>VOLUME_ID</i> ? [y/n]:	26
CMUC00039I <i>COMMAND_INFO</i> No FlashCopy or Remote Mirror and Copy relationships exist for volume <i>VOLUME_ID</i> . The volume is clear.	27
CMUC00040I <i>COMMAND_INFO</i> Storage complex <i>VALUE_0</i> successfully modified.	27
CMUC00041I <i>COMMAND_INFO</i> Storage unit <i>VALUE_0</i> successfully modified.	27
CMUC00042I <i>COMMAND_INFO</i> Storage image <i>VALUE_0</i> successfully modified.	27
CMUC00043I <i>COMMAND_INFO</i> Environment variable successfully set.	27
CMUC00044E <i>COMMAND_INFO</i> Unknown error returned by management console server.	28

CMUC00045E <i>COMMAND_INFO</i> Error code Unknown error code returned by management console server. Contact IBM technical support for assistance.	28
CMUC00046E <i>COMMAND_INFO</i> Failure returned by management console server.	28
CMUC00047E <i>COMMAND_INFO</i> Resource <i>VALUE_0</i> does not exist.	28
CMUC00048E <i>COMMAND_INFO</i> Array site <i>VALUE_0</i> does not exist.	29
CMUC00049E <i>COMMAND_INFO</i> Array ID <i>VALUE_0</i> does not exist.	29
CMUC00050E <i>COMMAND_INFO</i> Rank ID <i>VALUE_0</i> does not exist.	29
CMUC00051E <i>COMMAND_INFO</i> Extent pool <i>VALUE_0</i> does not exist.	29
CMUC00052E <i>COMMAND_INFO</i> Storage image <i>VALUE_0</i> does not exist.	30
CMUC00053E <i>COMMAND_INFO</i> I/O port <i>VALUE_0</i> does not exist.	30
CMUC00054E <i>COMMAND_INFO</i> LSS <i>VALUE_0</i> does not exist.	30
CMUC00055E <i>COMMAND_INFO</i> Storage image ID <i>VALUE_0</i> does not exist.	30
CMUC00056E <i>COMMAND_INFO</i> Storage image <i>VALUE_0</i> does not exist.	30
CMUC00057E <i>COMMAND_INFO</i> Volume group <i>VALUE_0</i> does not exist.	31
CMUC00058E <i>COMMAND_INFO</i> Volume <i>VALUE_0</i> does not exist.	31
CMUC00059E <i>COMMAND_INFO</i> Storage complex <i>VALUE_0</i> does not exist.	31
CMUC00060E <i>COMMAND_INFO</i> Enclosure <i>VALUE_0</i> does not exist.	31
CMUC00061E <i>COMMAND_INFO</i> CEC enclosure <i>VALUE_0</i> does not exist.	32
CMUC00062E <i>COMMAND_INFO</i> management console enclosure <i>VALUE_0</i> does not exist.	32
CMUC00063E <i>COMMAND_INFO</i> I/O enclosure <i>VALUE_0</i> does not exist.	32
CMUC00064E <i>COMMAND_INFO</i> Processor complex enclosure <i>VALUE_0</i> does not exist.	32
CMUC00065E <i>COMMAND_INFO</i> Frame enclosure <i>VALUE_0</i> does not exist.	33
CMUC00066E <i>COMMAND_INFO</i> Expansion enclosure <i>VALUE_0</i> does not exist.	33
CMUC00067E <i>COMMAND_INFO</i> Hardware resource <i>VALUE_0</i> does not exist.	33
CMUC00068E <i>COMMAND_INFO</i> Host connection <i>VALUE_0</i> does not exist.	33
CMUC00069E <i>COMMAND_INFO</i> Invalid storage image ID <i>VALUE_0</i>	33
CMUC00070E <i>COMMAND_INFO</i> Inconsistent storage image ID <i>VALUE_0</i>	34
CMUC00071E <i>COMMAND_INFO</i> Invalid ID <i>VALUE_0</i>	34
CMUC00072E <i>COMMAND_INFO</i> Invalid array site ID <i>VALUE_0</i>	34
CMUC00073E <i>COMMAND_INFO</i> Invalid array ID <i>VALUE_0</i>	34
CMUC00074E <i>COMMAND_INFO</i> Invalid Rank ID <i>VALUE_0</i>	35

CMUC00075E <i>COMMAND_INFO</i> Invalid extent pool ID <i>VALUE_0</i>	35
CMUC00076E <i>COMMAND_INFO</i> Invalid address group <i>VALUE_0</i>	35
CMUC00077E <i>COMMAND_INFO</i> Invalid storage image ID <i>VALUE_0</i>	35
CMUC00078E <i>COMMAND_INFO</i> Invalid I/O port <i>VALUE_0</i>	35
CMUC00079E <i>COMMAND_INFO</i> Invalid LSS <i>VALUE_0</i>	36
CMUC00080E <i>COMMAND_INFO</i> Invalid storage unit ID <i>VALUE_0</i>	36
CMUC00081E <i>COMMAND_INFO</i> Invalid storage server ID <i>VALUE_0</i>	36
CMUC00082E <i>COMMAND_INFO</i> Invalid volume group <i>VALUE_0</i>	36
CMUC00083E <i>COMMAND_INFO</i> Invalid volume <i>VALUE_0</i>	37
CMUC00084E <i>COMMAND_INFO</i> The specified parameter <i>VALUE_0</i> is out of range.	37
CMUC00085E <i>COMMAND_INFO</i> The specified parameter <i>VALUE_0</i> is invalid.	37
CMUC00086E <i>COMMAND_INFO</i> Invalid topology <i>TOPOLOGY</i> specified for I/O port <i>PORT</i>	37
CMUC00087E <i>COMMAND_INFO</i> The specified LCU <i>VALUE_0</i> is invalid.	38
CMUC00088E <i>COMMAND_INFO</i> The specified LCU <i>VALUE_0</i> already exists.	38
CMUC00089E <i>COMMAND_INFO</i> The specified ID <i>VALUE_0</i> is not an LCU.	38
CMUC00090E <i>COMMAND_INFO</i> The specified ID <i>VALUE_0</i> is not an LSS.	38
CMUC00091E <i>COMMAND_INFO</i> The specified SSID <i>VALUE_0</i> is invalid.	39
CMUC00092E <i>COMMAND_INFO</i> The specified volume ID <i>VALUE_0</i> already exists.	39
CMUC00093E <i>COMMAND_INFO</i> The specified volume <i>VALUE_0</i> is not type CKD.	39
CMUC00094E <i>COMMAND_INFO</i> The specified volume <i>VALUE_0</i> is not of type FB.	39
CMUC00095E <i>COMMAND_INFO</i> No storage image ID is specified.	40
CMUC00096E <i>COMMAND_INFO</i> No remote storage image ID is specified.	40
CMUC00097E <i>COMMAND_INFO</i> A single resource ID is specified. A pair of resource IDs is required for this command.	40
CMUC00098E <i>COMMAND_INFO</i> A pair of resource IDs is specified. A single resource ID is required for this command.	40
CMUC00099E <i>COMMAND_INFO</i> A single subsystem ID <i>VALUE_0</i> is specified. A pair of subsystem IDs is required for this command.	41
CMUC00100E <i>COMMAND_INFO</i> A pair of subsystem IDs <i>VALUE_0</i> is specified. A single subsystem ID is required for this command.	41
CMUC00101E <i>COMMAND_INFO</i> FlashCopy pairs <i>VALUE_0</i> are persistent. The -wait option cannot be specified for persistent pairs.	41
CMUC00102E <i>COMMAND_INFO</i> The -cp option must be used in conjunction with the -wait option.	41

CMUC00103E *COMMAND_INFO* When specifying the -range parameter, the starting and ending volume IDs must be on the same storage image. . 42

CMUC00104E *COMMAND_INFO* The specified options for this command are incompatible or invalid: *VALUE_0* 42

CMUC00105E *COMMAND_INFO* The following parameters are incompatible: *VALUE_0*. 42

CMUC00106E *COMMAND_INFO* The parameter value *VALUE_0* is larger than the maximum allowable value: *VALUE_1*. 42

CMUC00107E *COMMAND_INFO* The parameter value *VALUE_0* is smaller than the minimum allowable value: *VALUE_1*. 43

CMUC00108E *COMMAND_INFO* The Remote Mirror and Copy volume pair must be in full-duplex mode before the host server can read from target volumes. 43

CMUC00109E *COMMAND_INFO* The -unconditional flag is invalid unless it is used in conjunction with the -at parameter. 43

CMUC00110E *COMMAND_INFO* No matching candidate connection found. 44

CMUC00111E *COMMAND_INFO* One or more of the specified volumes is not within the specified LSS. 44

CMUC00112E *COMMAND_INFO* Port candidate *VALUE_0* is not available for an ESCON connection. 44

CMUC00113E *COMMAND_INFO* Record *VALUE_0/VALUE_1* already exists in password file *FILE_NAME*. 44

CMUC00114E *COMMAND_INFO* Record *VALUE_0/VALUE_1* does not exist in password file *FILE_NAME*. 45

CMUC00115E *COMMAND_INFO* User account file *VALUE_0* not found. 45

CMUC00116E *COMMAND_INFO* User account file *FILE_NAME* is used for another user. 45

CMUC00117E *COMMAND_INFO* Unable to create password file *FILE_NAME*. 45

CMUC00118E *COMMAND_INFO* Unable to update password file *FILE_NAME*. 46

CMUC00119E *COMMAND_INFO* Invalid password format. 46

CMUC00120E *COMMAND_INFO* Invalid password. 46

CMUC00121E *COMMAND_INFO* Invalid account file *VALUE_0* for user *USERNAME*. 46

CMUC00122E *COMMAND_INFO* Invalid admin user. 47

CMUC00123E *COMMAND_INFO* Unable to create user account *USERNAME*. 47

CMUC00124E *COMMAND_INFO* Unable to assign user *USERNAME* to group *GROUP*. 47

CMUC00125E *COMMAND_INFO* Unable to modify user group to *NEW_GROUP*. 47

CMUC00126E *COMMAND_INFO* Unable to modify password. 48

CMUC00127E *COMMAND_INFO* Unable to delete user account *USERNAME* on the management console server. 48

CMUC00128E *COMMAND_INFO* Unable to find a Remote Mirror and Copy path for the specified logical subsystems. 48

CMUC00129E *COMMAND_INFO* All source volumes must be within the same logical subsystem. . . . 48

CMUC00130E *COMMAND_INFO* All target volumes must be within the same logical subsystem. . . . 49

CMUC00131E *COMMAND_INFO* Operation failure . . . 49

CMUC00132E *COMMAND_INFO* Command interrupted. Resubmit the command. 49

CMUC00133I *COMMAND_INFO* User *USERNAME* successfully created. 49

CMUC00134I *COMMAND_INFO* User *USERNAME* successfully modified. 50

CMUC00135W *COMMAND_INFO* Are you sure you want to delete user *USERNAME*? [y/n]: 50

CMUC00136I *COMMAND_INFO* User *USERNAME* successfully deleted. 50

CMUC00137I *COMMAND_INFO* FlashCopy pair *VALUE_0* successfully created. 50

CMUC00138I *COMMAND_INFO* Background copy for FlashCopy pair *VALUE_0* successful. 50

CMUC00139E *COMMAND_INFO* FlashCopy pair *VALUE_0* cannot be created. Contact IBM technical support for assistance. 51

CMUC00140I *COMMAND_INFO* FlashCopy pair *VALUE_0* successfully removed. 51

CMUC00141I *COMMAND_INFO* Background copy for FlashCopy pair *VALUE_0* ended successfully. Relationship successfully removed. 51

CMUC00142I *COMMAND_INFO* Background copy process for FlashCopy pair *PAIR_ID* successfully started. The relationship will be removed when the copy ends. 51

CMUC00143I *COMMAND_INFO* Background copy process for FlashCopy pair *PAIR_ID* successfully started. The persistent relationship will not be removed. 52

CMUC00144W *COMMAND_INFO* Are you sure you want to remove the FlashCopy pair *PAIR_ID*? [y/n]: 52

CMUC00145I *COMMAND_INFO* Session *SESSION_ID* opened successfully. 52

CMUC00146I *COMMAND_INFO* Session *SESSION_ID* closed successfully. 52

CMUC00147I *COMMAND_INFO* Session *SESSION_ID* successfully modified. 52

CMUC00148W *COMMAND_INFO* Are you sure you want to close session *SESSION_ID*? [y/n]: . . . 53

CMUC00149I *COMMAND_INFO* Remote Mirror and Copy path *SOURCE_LSS:TARGET_LSS* successfully established. 53

CMUC00150I *COMMAND_INFO* Remote Mirror and Copy path *VALUE_0* successfully removed. 53

CMUC00151I *COMMAND_INFO* Remote Mirror and Copy path *VALUE_0* successfully modified. 53

CMUC00152W *COMMAND_INFO* Are you sure you want to remove the Remote Mirror and Copy path *PATH_ID*? [y/n]: 54

CMUC00153I <i>COMMAND_INFO</i> Remote Mirror and Copy volume pair relationship <i>VALUE_0</i> successfully created.	54
CMUC00154I <i>COMMAND_INFO</i> Remote Mirror and Copy volume pair <i>VALUE_0</i> relationship successfully created and in full-duplex state.	54
CMUC00155I <i>COMMAND_INFO</i> Remote Mirror and Copy volume pair <i>VALUE_0</i> relationship successfully withdrawn.	54
CMUC00156I <i>COMMAND_INFO</i> Remote Mirror and Copy volume pair <i>VALUE_0</i> relationship successfully modified.	55
CMUC00157I <i>COMMAND_INFO</i> Remote Mirror and Copy volume pair <i>VALUE_0</i> relationship successfully paused.	55
CMUC00158I <i>COMMAND_INFO</i> Remote Mirror and Copy volume pair <i>VALUE_0</i> relationship successfully resumed. This message is being returned before the copy completes.	55
CMUC00159I <i>COMMAND_INFO</i> Remote Mirror and Copy volume pair <i>VALUE_0</i> relationship successfully resumed and completed. All data has been copied to the target. The relationship is now in full-duplex mode.	55
CMUC00160W <i>COMMAND_INFO</i> Are you sure you want to delete the Remote Mirror and Copy volume pair relationship <i>PAIR_ID</i> ? [y/n]: . . .	56
CMUC00161I <i>COMMAND_INFO</i> Remote Mirror and Copy consistency group <i>VALUE_0</i> successfully created..	56
CMUC00162I <i>COMMAND_INFO</i> Global Mirror for session <i>SESSION_ID</i> successfully started. . . .	56
CMUC00163I <i>COMMAND_INFO</i> Global Mirror for session <i>SESSION_ID</i> successfully paused. . . .	56
CMUC00164I <i>COMMAND_INFO</i> Global Mirror for session <i>SESSION_ID</i> successfully resumed. . . .	56
CMUC00165I <i>COMMAND_INFO</i> Global Mirror for session <i>SESSION_ID</i> successfully stopped. . . .	57
CMUC00166W <i>COMMAND_INFO</i> Are you sure you want to stop the Global Mirror session <i>SESSION_ID</i> ? [y/n]:	57
CMUC00167I <i>COMMAND_INFO</i> FlashCopy volume pair <i>PAIR_ID</i> successfully made revertible.	57
CMUC00168I <i>COMMAND_INFO</i> FlashCopy volume pair <i>PAIR_ID</i> successfully resynchronized.	57
CMUC00169I <i>COMMAND_INFO</i> FlashCopy volume pair <i>PAIR_ID</i> successfully reversed.	58
CMUC00170I <i>COMMAND_INFO</i> FlashCopy volume pair <i>PAIR_ID</i> successfully committed.	58
CMUC00171I <i>COMMAND_INFO</i> FlashCopy volume pair <i>PAIR_ID</i> successfully reverted.	58
CMUC00172I <i>COMMAND_INFO</i> FlashCopy consistency group for logical subsystem <i>PAIR_ID</i> successfully reset.	58
CMUC00173I <i>COMMAND_INFO</i> Remote FlashCopy volume pair <i>PAIR_ID</i> successfully created. Use the <i>lsremoteflash</i> command to determine copy completion.	59
CMUC00174I <i>COMMAND_INFO</i> Remote FlashCopy pair <i>PAIR_ID</i> successfully made revertible.	59

CMUC00175I <i>COMMAND_INFO</i> Remote FlashCopy volume pair <i>PAIR_ID</i> successfully resynchronized. Use the <i>lsremoteflash</i> command to determine copy completion.	59
CMUC00176I <i>COMMAND_INFO</i> Remote FlashCopy volume pair <i>PAIR_ID</i> successfully committed. . . .	59
CMUC00177I <i>COMMAND_INFO</i> Remote FlashCopy volume pair <i>PAIR_ID</i> successfully reverted. . . .	60
CMUC00178I <i>COMMAND_INFO</i> Remote FlashCopy volume pair <i>PAIR_ID</i> successfully reversed. . . .	60
CMUC00179I <i>COMMAND_INFO</i> Are you sure you want to remove the remote FlashCopy pair <i>PAIR_ID</i> ? [y/n]:	60
CMUC00180I <i>COMMAND_INFO</i> Removal of the remote FlashCopy volume pair <i>PAIR_ID</i> has been initiated successfully. Use the <i>lsremoteflash</i> command to determine when the relationship is deleted.	60
CMUC00181E <i>COMMAND_INFO</i> A user name must be specified.	61
CMUC00182E <i>COMMAND_INFO</i> No management console IP address is specified.	61
CMUC00183E <i>COMMAND_INFO</i> Invalid management console IP address: <i>VALUE_0</i>	61
CMUC00184E <i>COMMAND_INFO</i> Management console server connections cannot be changed during an interactive or script session.	61
CMUC00185E Unable to access CLI user profile file <i>FILE_NAME</i>	62
CMUC00186E User profile file <i>FILE_NAME</i> . not found.	62
CMUC00187E Unable to access CLI user password file <i>FILE_NAME</i>	62
CMUC00188E Unable to read CLI user password file <i>FILE_NAME</i>	63
CMUC00189E Internal error: <i>VALUE_0</i> . Contact IBM technical support for assistance. . . .	63
CMUC00190E <i>VALUE_0</i> : Authentication failure: invalid password	63
CMUC00191E <i>VALUE_0</i> : Authentication failure: invalid user name	63
CMUC00192E <i>VALUE_0</i> : Authentication failure: the user account is locked.	64
CMUC00193E <i>VALUE_0</i> : Authentication failure: unable to access account database.	64
CMUC00194E <i>VALUE_0</i> : Authentication failure: unable to authenticate on Enterprise Storage Server.	64
CMUC00195I <i>COMMAND_INFO</i> Security properties successfully set.	64
CMUC00196I <i>COMMAND_INFO</i> Remote Mirror and Copy pair <i>PAIR_ID</i> successfully reversed.	65
CMUC00197I <i>COMMAND_INFO</i> Remote Mirror and Copy pair <i>PAIR_ID</i> successfully failed back.	65
CMUC00198I <i>COMMAND_INFO</i> Remote Mirror and Copy pair <i>PAIR_ID</i> successfully thawed.	65
CMUC00199I <i>COMMAND_INFO</i> License Machine Code successfully applied to storage image <i>STORAGE_IMAGE_ID</i>	65
CMUC00200E <i>COMMAND_INFO</i> This command is not supported for machine type <i>TYPE</i>	66

CMUC00201E *VALUE_0*: Authentication failure:
Your password has expired. Change your password
with the chuser command. 66

CMUC00202I *COMMAND_INFO* Remote Mirror and Copy
ESCON path *SOURCE_LSS:TARGET_LSS* successfully
created. 66

CMUC00203E *COMMAND_INFO* Invalid pair. Each
source volume must have a matching target
volume. 66

CMUC00204I *COMMAND_INFO* Password file
FILE_NAME successfully created. 67

CMUC00205I *COMMAND_INFO* Password file
FILE_NAME successfully created. 67

CMUC00206I *COMMAND_INFO* Record *VALUE_0/VALUE_1*
successfully added to password file *FILE_NAME*. . 67

CMUC00207I *COMMAND_INFO* Record *VALUE_0/VALUE_1*
successfully changed in password file
FILE_NAME. 67

CMUC00208I *COMMAND_INFO* Record *VALUE_0/VALUE_1*
successfully removed from password file
FILE_NAME. 67

CMUC00209E *COMMAND_INFO* Unable to open
password file *FILE_NAME* for write access. . . 68

CMUC00210E Password file *FILE_NAME* is not
formatted correctly. 68

CMUC00211E *COMMAND_INFO* The specified
capacity *CAPACITY* is not valid for type *TYPE*. . 68

CMUC00212I *COMMAND_INFO* completed
successfully. 68

CMUC00213E *COMMAND_INFO* Unable to read
License Machine Code activation codes file . . 69

CMUC00214E *COMMAND_INFO* File *FILE* contains no
License Machine Code for storage image
STORAGE_IMAGE_ID. 69

CMUC00215E *COMMAND_INFO* Incorrectly formatted
License Machine Code activation codes file . . 69

CMUC00216I *COMMAND_INFO* CKD alias volume
VOLUME successfully created. 69

CMUC00217E *COMMAND_INFO* The specified logical
subsystem number for volume *VOLUME* is not
valid. 70

CMUC00218E *COMMAND_INFO* The specified logical
control unit number for volume *VOLUME* is not
valid. Either you specified this volume
explicitly or you specified it implicitly by
parameter values. 70

CMUC00219E *VALUE_0* Connection failure: The
specified management console peers are not
valid: *VALUE_1* 70

CMUC00220E *VALUE_0* Connection failure:
VALUE_1. 70

CMUC00221E *COMMAND_INFO* Unable to remove
volume *VALUE_0* from the specified volume group.. 71

CMUC00222E *COMMAND_INFO* Unable to add volume
VALUE_0 to the volume group. The volume group
contains the maximum number of allowed volumes.. 71

CMUC00223E *COMMAND_INFO* Unable to remove
volume *VALUE_0* from the specified volume group.
The volume is not a member of this volume
group. 71

CMUC00224E *COMMAND_INFO* Unable to add volume
VALUE_0 to the specified volume group. LUN ID
VALUE_1 is already assigned. 71

CMUC00225E *COMMAND_INFO* Unable to add volume
VALUE_0 to the specified volume group. LUN ID
VALUE_1 is not valid. 72

CMUC00226E *COMMAND_INFO* Parameter *-VALUE_0* is
not supported for the specified volume group. . 72

CMUC00227E *COMMAND_INFO* The *-wait* option
cannot be used in conjunction with single
volume IDs. 72

CMUC00228I *COMMAND_INFO* Secure connection is
started. 72

CMUC00229E *COMMAND_INFO* Unable to add volume
VOLUME to the specified volume group. The
ERROR_CODE error code is returned. 73

CMUC00230E *COMMAND_INFO* Unable to add volume
VOLUME. The volume is already a member of the
specified volume group. 73

CMUC00231E *COMMAND_INFO* Duplicate resource ID
RESOURCE_TYPE RESOURCE_ID are specified. . . 73

CMUC00232I *COMMAND_INFO* Secure connection is
started successfully through the network. . . 73

CMUC00233I *COMMAND_INFO* Secure connection has
started successfully through the modem. . . . 74

CMUC00234I *COMMAND_INFO* No *OBJECT* found. . . . 74

CMUC00235I *COMMAND_INFO* Target Write Inhibit
for FlashCopy relationship *RELATIONSHIP* is
successfully reset. The relationship is not
removed. 74

CMUC00236I *COMMAND_INFO* Target Write Inhibit
for FlashCopy relationship *RELATIONSHIP* is
successfully reset. The relationship is not
removed. 74

CMUC00237E *COMMAND_INFO* All or no options
must be specified in the group: *OPTION_GROUP* . 75

CMUC00238E *COMMAND_INFO* File write failure:
FILE_NAME. 75

CMUC00239E *COMMAND_INFO* File creation
failure: *FILE_NAME*. 75

CMUC00240E *COMMAND_INFO* No write permission
to the file: *FILE_NAME*. 75

CMUC00241E *COMMAND_INFO* Path does not exist:
FILE_PATH. 75

CMUC00242E *COMMAND_INFO* Not a file:
FILE_NAME. 76

CMUC00243I *COMMAND_INFO* Audit log was
successfully offloaded from *LOG_ADDRESS* to
LOG_FILE. 76

CMUC00244W *COMMAND_INFO* The specified file
currently exists. Are you sure you want to
replace the file? [y/n]: 76

CMUC00245E *COMMAND_INFO* Volume was not added
to the volume group because the volume group
VOLUME_GROUP is not available, possibly because
of initialization. 76

CMUC00246I *COMMAND_INFO* The task might take
more than *HOURS* hours to complete. 77

CMUC00247E <i>COMMAND_INFO</i> You are attempting to create volumes for a logical subsystem that does not match the rank group of the extent pool that you specified.	77	CMUC00266E <i>COMMAND_INFO</i> The Replication Manager password that you have entered is not identical to the Replication Manager password that you had entered previously.	82
CMUC00248E <i>COMMAND_INFO</i> You are attempting to access a storage unit that is not available to the management console server.	77	CMUC00329E <i>COMMAND_INFO RESOURCE_IDS</i> : The number of resource IDs that you have specified exceeds the maximum quantity of <i>RESOURCE_ID_MAXIMUM_QUANTITY</i>	83
CMUC00249E <i>COMMAND_INFO</i> Network port <i>NETWORK_PORT</i> does not exist.	78	CMUC00330W <i>COMMAND_INFO</i> The storage image ID <i>devid</i> that was specified using the <i>devid</i> parameter in the DS command-line interface profile file is not known to the DS Network Interface server.	83
CMUC00250I <i>COMMAND_INFO</i> You configured network port <i>NETWORK_PORT</i> successfully.	78	CMUC00334E <i>COMMAND_INFO</i> The remove global mirror command cannot be initiated because you have specified the <i>-subordinate</i> parameter but you have not specified the <i>Master_Control_Path_LSS_ID</i> : <i>Subordinate_Control_Path_LSS_ID</i> parameter.	83
CMUC00251E <i>COMMAND_INFO</i> Network port <i>NETWORK_PORT</i> is not valid.	78	CMUC00335E <i>COMMAND_INFO</i> The unassign rank task cannot be initiated because an internal error prevents the reservation of the rank.	84
CMUC00252E <i>COMMAND_INFO</i> The specified command must include at least one of the following parameters: <i>PARAMETERS</i>	78	CMUD00000I <i>COMMAND_INFO</i> Storage complex setting for storage image <i>STORAGE_IMAGE_ID</i> successfully modified.	84
CMUC00253E <i>COMMAND_INFO</i> Volume <i>VOLUME</i> is assigned to a user-defined volume group. No volumes were deleted.	79	CMUD00001I <i>COMMAND_INFO</i> Contact information for storage image <i>STORAGE_IMAGE_ID</i> successfully modified.	84
CMUC00254E <i>COMMAND_INFO</i> The command failed because at least one of the user-defined volume groups cannot be queried. No volumes have been deleted.	79	CMUD00002I <i>COMMAND_INFO</i> SNMP settings for storage image <i>STORAGE_IMAGE_ID</i> successfully modified.	84
CMUC00255W An attempt by the DS Command-Line Interface (CLI) to write to the activity log file has failed: <i>ERROR_REASON</i>	79	CMUD00003I <i>COMMAND_INFO</i> SMTP settings for storage image <i>STORAGE_IMAGE_ID</i> successfully modified.	85
CMUC00256W An attempt by the DS Command-Line Interface (CLI) to open the activity log file has failed: <i>ERROR_REASON</i>	80	CMUD00004I <i>COMMAND_INFO</i> SIM settings for storage image <i>STORAGE_IMAGE_ID</i> successfully modified.	85
CMUC00257W The DS Command-Line Interface (CLI) has failed to process the activity log file correctly: <i>ERROR_REASON</i>	80	CMUD00005I <i>COMMAND_INFO</i> Dial Home settings for storage image <i>STORAGE_IMAGE_ID</i> successfully modified.	85
CMUC00258E <i>COMMAND_INFO</i> The DS Command-Line Interface (CLI) command that you have attempted is not supported for platform type <i>PLATFORM_TYPE</i>	80	CMUD00006I <i>COMMAND_INFO</i> Statesave successfully offloaded from <i>STORAGE_IMAGE_ID</i> to the management node.	85
CMUC00259E <i>COMMAND_INFO VALUE_0 VALUE_1</i> The task has failed because you have attempted to create CKD volumes on more than one LCU.	80	CMUD00007I <i>COMMAND_INFO</i> PE packages for storage image <i>STORAGE_IMAGE_ID</i> successfully generated.	85
CMUC00260E <i>COMMAND_INFO VALUE_0 VALUE_1</i> The task has failed because you have attempted to create FB volumes on more than one LSS.	81	CMUD00008I <i>COMMAND_INFO</i> Problem <i>PROBLEM_ID</i> was successfully closed.	86
CMUC00261E <i>COMMAND_INFO ALIAS_VOLUME_ID</i> is not a correct CKD alias volume ID for volume <i>VOLUME</i> because the CKD alias volume ID must be created on the same LCU as the base volume.	81	CMUD00009W <i>COMMAND_INFO</i> Are you sure you want to close problem <i>PROBLEM_ID</i> ? [y/n]:	86
CMUC00262I Enter the same username that you entered when you initiated the current DS Command-Line Interface (CLI) interactive session:	81	CMUD00010I <i>COMMAND_INFO</i> Test problem record <i>VALUE_0</i> was sent from the storage unit to your SMTP server.	86
CMUC00263I Enter the same password that you entered when you initiated the current DS Command-Line Interface (CLI) interactive session:	82	CMUD00011E <i>COMMAND_INFO</i> The state, <i>STATE</i> , is invalid for the country, <i>COUNTRY</i>	86
CMUC00264E <i>COMMAND_INFO</i> The parameter <i>-PARAMETER_0</i> that you specified can be used only with parameter <i>-PARAMETER_1</i>	82	CMUD00012E <i>COMMAND_INFO</i> No statesave can be found on storage image <i>STORAGE_IMAGE_ID</i>	87
CMUC00265I <i>COMMAND_INFO</i> You have updated the Replication Manager password successfully.	82	CMUD00013I <i>COMMAND_INFO</i> The following files have been copied from storage image <i>STORAGE_IMAGE_ID</i> : <i>FILES</i>	87

CMUD00014I <i>COMMAND_INFO</i> The following files have been sent to IBM: <i>FILES</i>	87
CMUD00015E <i>COMMAND_INFO</i> Country <i>COUNTRY</i> is not a valid country.	87
CMUD00016E <i>COMMAND_INFO</i> Contact information must be provided. Run the setcontactinfo command with the following flags: <i>FLAGS</i>	88
CMUD00017E <i>COMMAND_INFO</i> The <i>-FLAG</i> is not supported for machine type <i>MACHINE_TYPE</i>	88
CMUD00018I <i>COMMAND_INFO</i> The following PE package was successfully generated: <i>PE_PACKAGE</i>	88
CMUD00019I <i>COMMAND_INFO</i> PE package was successfully sent to IBM: <i>PE_PACKAGE</i>	88
CMUD00020I <i>COMMAND_INFO</i> The following statesave files were successfully offloaded: <i>STATESAVE</i>	89
CMUD00021I <i>COMMAND_INFO</i> The following statesave files were successfully sent to IBM: <i>STATESAVE</i>	89
CMUD00022E <i>COMMAND_INFO</i> File not found: <i>FILE_NAME</i>	89
CMUD00023W <i>COMMAND_INFO</i> Are you sure you want to perform diagnostic control <i>ACTION</i> ? [y/n]:	89
CMUD00024E <i>COMMAND_INFO</i> Invalid IP address: <i>IP_ADDRESS</i>	90
CMUD00025E <i>COMMAND_INFO</i> You must specify the IP address for processor card 0 or processor card 1 when clearing service tracks, rebooting a single processor card, or rebooting the enclosure.	90
CMUD00026I <i>COMMAND_INFO</i> Diagnostic control <i>ACTION</i> is successfully submitted. It will take some time for the system to complete the request.	90
CMUD00029E <i>COMMAND_INFO</i> The action that you have requested, <i>ACTION</i> , is supported only in DS Command-Line Interface (CLI) interactive command mode.	90
CMUD00030E <i>COMMAND_INFO</i> The username or password that you have specified is not correct.	91
CMUD00031I Enter the guest password to submit the DS Command-Line Interface (CLI) diagcsi command:	91

Chapter 5. DS Storage Manager messages 93

CMUG00000E Select an array from the table or create a new array.	93
CMUG00001E Select an extent pool from the table or create a new extent pool.	93
CMUG00002W The following ranks have volumes configured on them: <i>VALUE_1</i> . <i>VALUE_0</i> volumes will be deleted as part of the delete rank operation. Select Continue to delete the ranks and volumes or select Cancel to cancel the delete rank operation. NOTE: If you want to delete only volumes, it is not necessary to delete the ranks that contain the volumes.	93

CMUG00003W This operation removes ranks from the extent pools. Select OK to remove the ranks. Select Cancel to cancel the operation.	94
CMUG00004W This operation deletes the following ranks: <i>VALUE_0</i> . Select OK to delete the ranks. Select Cancel to cancel the operation.	94
CMUG00005E Select at least one ID from the table of available LCU IDs.	94
CMUG00006W This operation deletes <i>VALUE_0</i> selected LCUs. Select Continue to delete the LCUs. Select Cancel to cancel the operation.	94
CMUG00007W The following volumes have storage configured on the selected LCUs: <i>VALUE_0</i> . These volumes are deleted as part of the LCU deletion process. Select Continue to delete the LCUs. Select Cancel to cancel the operation.	95
CMUG00008E An SSID is required.	95
CMUG00009E An SSID must be a 4 hexadecimal digit nonzero number.	95
CMUG00010E The SSID is not unique.	95
CMUG00011E Consistency group timeout required	96
CMUG00012E Consistency group timeout: A positive integer value is required.	96
CMUG00013E Select at least one LCU.	96
CMUG00014W This operation deletes volumes. Select OK to delete the volumes. Select Cancel to cancel the operation.	96
CMUG00015E You must select an extent pool from which to create these volumes.	96
CMUG00016E <i>VALUE_0</i> must be between <i>VALUE_1</i> and <i>VALUE_2</i>	97
CMUG00017E You must enter an alphabetic prefix or a numeric suffix. You may enter both.	97
CMUG00018E The value that you enter for a suffix must be a number.	97
CMUG00019W Do you want <i>VALUE_1</i> increased sequentially and appended to <i>VALUE_0</i> ?	97
CMUG00020E Too few volume addresses are available to create the volumes specified. Select additional logical subsystems.	98
CMUG00021E Multiple volume creation is not permitted with automatic nickname sequence generation disabled.	98
CMUG00022E Select a volume group.	98
CMUG00023E You must select one volume to complete the operation.	98
CMUG00024E You must select at least one volume to complete the operation.	99
CMUG00025W <i>VALUE_0</i> volumes will be deleted. Select OK to delete the volumes. Select Cancel to cancel the operation.	99
CMUG00026E You must select one extent pool.	99
CMUG00027E <i>VALUE_0</i> must be between <i>VALUE_1</i> and <i>VALUE_2</i>	99
CMUG00028E The ratio of alias volumes to base volumes must be expressible in whole numbers. Fractional ratios are not permitted.	100

CMUG00029E The number of table selections does not agree with the number entered in the text box.	100
CMUG00030E No base volumes have been specified.	100
CMUG00031E The selected extent pool is too small. No volumes can be created.	100
CMUG00032E All of the selected volumes must be of the same data type.	101
CMUG00033E The specified combination of volume quantity and size exceeds the available space in the extent pool, or the requested quantity of volumes cannot be created on one of the selected volume groups.	101
CMUG00034E Volume nicknames must be unique within a storage image. Do you want <i>VALUE_1</i> increased sequentially and concatenated to <i>VALUE_0</i> ?	101
CMUG00035E Multiple volume creation is not permitted with automatic nickname sequence generation disabled.	102
CMUG00036E The value you enter for a suffix must be a number.	102
CMUG00037E You must enter an alphabetic prefix or a numeric suffix. You may enter both.	102
CMUG00038W The following extent pools will be deleted: <i>VALUE_0</i> Select OK to delete the extent pools. Select Cancel to cancel the operation.	102
CMUG00039W These extent pools have volumes configured in them: <i>VALUE_1</i> . <i>VALUE_0</i> volumes will be deleted as part of the extent pool deletion process. Click Continue to delete the extent pools and volumes that are listed. Click Cancel to cancel the operation.	103
CMUG00040E Nicknames must be no more than 16 characters long.	103
CMUG00041E The requested storage is not available. Only <i>VALUE_0</i> GB is available.	103
CMUG00042E No storage is available for this configuration.	103
CMUG00044E Select a rank from the table or create a new rank.	104
CMUG00045E The number entered must be a percentage, entered as an integer between 0 and 100.	104
CMUG00046E The threshold amount is not available. Only <i>VALUE_0</i> GB is available.	104
CMUG00047E Select an array site.	104
CMUG00048E You must enter a number less than or equal to <i>VALUE_0</i>	104
CMUG00049W These arrays and their associated ranks will be deleted: <i>VALUE_0</i> Select OK to delete the arrays and their associated ranks. Select Cancel to cancel the operation.	105

CMUG00050W There are <i>VALUE_0</i> volumes that have storage configured on the following arrays: <i>VALUE_1</i> . These volumes will be deleted as part of the array deletion process. Select Continue to delete the arrays and volumes. Select Cancel to cancel the operation.	105
CMUG00051E Array creation is not possible. No array sites are available on the storage image.	105
CMUG00052E A nickname is required.	105
CMUG00053E Select at least one volume.	106
CMUG00054W <i>VOLUME_GROUPS</i> volume groups will be deleted. Select OK to delete the volume groups. Select Cancel to cancel the operation.	106
CMUG00055E Select one or more host types.	106
CMUG00056E A host nickname is required.	106
CMUG00057E A host type is required to create a new host. Select a host type.	106
CMUG00058E The port quantity is required. Enter the quantity of ports for this type.	107
CMUG00059E The port type is required. Select a port type.	107
CMUG00060E Select WWPNS for all the ports.	107
CMUG00061E Select a host attachment identifier to connect to the storage image ports.	107
CMUG00062E At least one host port must be defined for this host system before data can be saved.	108
CMUG00063E At least one storage image must be selected for attachment to the newly defined host port.	108
CMUG00064E A host nickname is required.	108
CMUG00065E The port quantity is required. Provide the number of ports for this host attachment.	108
CMUG00066E The port type is required. Select a port type.	108
CMUG00067E Select the WWPNS for all the ports for this host attachment.	109
CMUG00068E Select a host attachment identifier to connect to the storage image ports.	109
CMUG00069W These hosts will be deleted: <i>VALUE_0</i> . Select Continue to delete the hosts. Select Cancel to cancel the operation.	109
CMUG00070W The selected host attachment ports will be deleted. Select Continue to delete the host attachment ports. Select Cancel to cancel the operation.	109
CMUG00071E Select one or more of the choices below.	110
CMUG00072W The selected storage complexes will be deleted. Select OK to delete the storage complexes. Select Cancel to cancel the operation.	110
CMUG00073E Storage complex authentication error.	110

CMUG00074W You have selected to initiate the power-on operation for this storage unit. Attention: The power-on operation can take approximately 5 minutes to complete. Access to all storage units in the storage complex using the graphical user interface or command-line interface might not be available until the storage unit power-on operation completes. Select OK to turn on power to the storage unit, or select Cancel to cancel the operation. 111

CMUG00075W You have selected to initiate the power-off operation for this storage unit. Attention: The power-off operation can take approximately 5 to 25 minutes to complete. Access to all storage units in the storage complex using the graphical user interface or command-line interface might not be available until the storage unit power-off operation completes. Select OK to turn off power to the storage unit, or select Cancel to cancel the operation. 111

CMUG00076W You have selected a choice that will force the offline sequence for this storage unit. Select OK to force the storage unit offline. Select Cancel to cancel the operation. 111

CMUG00077W You have selected a choice that initiates the sequence to bring this storage unit online. Select OK to bring the storage unit online. Select Cancel to cancel the operation. 112

CMUG00078W You have selected a choice that initiates the sequence to take this storage unit offline. Select OK to take the storage unit offline. Select Cancel to cancel the operation. 112

CMUG00079W Cannot perform the task. The storage unit is not online. 112

CMUG00080W Do you want to delete the simulated storage units *STORAGE_UNITS* in the selected storage complexes as well? Select OK to delete the storage units. Select Continue to delete only the storage complexes. Select Cancel to cancel the operation. 112

CMUG00081W Changing the physical configuration will clear the existing logical configuration. Select Continue to change the physical configuration of the storage unit and clear the existing logical configuration. Select Cancel to cancel the operation. . . . 113

CMUG00082E At least two DDM packs must be added to the Selected DDM packs table. . . . 113

CMUG00083E Invalid I/O adapter quantity. The quantity must be between *VALUE_0*. and *VALUE_1*. 113

CMUG00084W The selected storage units will be deleted. Select OK to delete the storage units. Select Cancel to cancel the operation. . 113

CMUG00085E Select a storage complex. . . . 114

CMUG00086E Select a storage unit. 114

CMUG00087E Select at least one storage image.. . . . 114

CMUG00088E Select an xml file containing License Machine Code activation codes for this storage image. 114

CMUG00089E Incorrectly formatted License Machine Code activation codes file 115

CMUG00090E Incorrect License Machine Code activation codes file 115

CMUG00091W The current License Machine Code activation codes will be overwritten by the codes being imported. Select Continue to overwrite the current codes with the new codes. Select Cancel to cancel the operation. . 115

CMUG00092W This operation applies the activation codes to the storage image. Select OK to apply the activation codes. Select Cancel to cancel the operation. 115

CMUG00093E You must add at least one host attachment to the storage image. 116

CMUG00094E Unable to attach host. No I/O port is selected. 116

CMUG00095E Unable to attach host. No compatible I/O ports are available on the storage image. 116

CMUG00096E Model 2105 storage unit authentication error 116

CMUG00097W This operation deletes the selected enterprise configuration. Select OK to delete the configuration. Select Cancel to cancel the operation. 117

CMUG00098W Only one enterprise configuration can be open at any time. Select OK to save the current configuration. Select Continue to continue without saving the current configuration. 117

CMUG00099W Select an xml file that contains an enterprise configuration. 117

CMUG00100E Unable to connect to the specified management console. 117

CMUG00101E The IP address of management console 2 cannot be the same as the IP address of management console 1. 118

CMUG00102E Select unique WWPNS for ports *VALUE_0*. 118

CMUG00103E Enter unique WWPNS for ports *VALUE_0*. 118

CMUG00104E Unable to attach host port *PORT*. WWPNS *WWPN_IDs* are being used by another host port on storage image *IMAGE*. 118

CMUG00105W These ranks will be deleted from the selected extent pool: *VALUE_0*. Select Continue to delete the ranks that are listed. Select Cancel to cancel the operation. . . 118

CMUG00106E The specified storage complex is incompatible with this DS Storage Manager software. 119

CMUG00107E A nickname must be between 1 and 16 characters long. 119

CMUG00108E You must select at least one array site before you can continue. . . . 119

CMUG00109E These ranks have extents in use and they cannot be removed from the extent pool: <i>RANKS</i>	119
CMUG00110E The number of selections in the table must be a whole number multiple of the number of base volumes you enter. Fractional ratios are not permitted.	120
CMUG00111E The nickname <i>NICKNAME</i> is already used for another host. Enter a unique nickname.	120
CMUG00112E The storage complex found at the specified IP address is offline. Only online storage complexes can be added when using the Real-time Manager.	120
CMUG00113E The total number of aliases and bases that are to be created exceeds the number of available addresses in the selected LCUs.	120
CMUG00114E The number of fibre-channel port I/O adapters cannot be 1. You must have at least 2 of the same adapter if you are configuring an adapter.	121
CMUG00115E Select a machine model from the list.	121
CMUG00116E Storage image <i>ID</i> has been configured on this management console, but it is not accessible at this time.	121
CMUG00117I The task that you have initiated opens the default enterprise file. Do not open any pages in the Simulated manager until the task has completed.	121
CMUG00118W This operation changes the configuration of the selected I/O ports. Changing the configuration might make the ports unusable by hosts that are now attached to them. Select Continue to change the I/O port configuration. Select Cancel to cancel the operation.	122
CMUG00119E Invalid value: <i>VALUE_0</i> entered for <i>VALUE_1</i> . The WWPN must be a hexadecimal number between <i>VALUE_2</i> and <i>VALUE_3</i>	122
CMUG00120W The following hosts are attached to incompatible ports: <i>VALUE_0</i> . The hosts might be unable to communicate using these ports.	122
CMUG00121W The selected volume size is compatible with only iSeries V5R3.	123
CMUG00122E Unable to create volume. No extent pools are available.	123
CMUG00123E The selected storage complexes do not exist in the current configuration.	123
CMUG00124E Invalid logical volume size. See the help text for this message for valid sizes.	123
CMUG00125E The local storage complex cannot be removed from this configuration.	138
CMUG00126I The specified volume size will be rounded up to the next valid binary value: <i>VALUE_0</i> GB.	139
CMUG00127E No volume groups exist. You must create a volume group before you can continue..	139

CMUG00128E These storage images are already logically configured: <i>VALUE_0</i> . Reconfiguring a configured storage image is not supported.	139
CMUG00129E The management console server is not available.	139
CMUG00130W Host information cannot be retrieved from storage complex <i>NICKNAME</i>	140
CMUG00131E The specified location for adapter <i>ADAPTER</i> is already in use.	140
CMUG00132E You must select from each combo box to fully specify the location of adapter <i>ADAPTER</i>	140
CMUG00133E The specified IP address already is assigned to a defined storage complex.	140
CMUG00134E Select only volumes that have aliases and are in the same relationship.	141
CMUG00135E The selected storage unit is not available.	141
CMUG00136E The selected storage image is not available.	141
CMUG00137E A volume group cannot contain more than 256 volumes when you specify the map 256 addressing method. Reduce the number of selected volumes.	141
CMUG00138E The specified configuration file is not the correct format. Configuration files have a .cfr file name extension.	142
CMUG00139E The number of base volumes in each selected logical control unit must be a whole number multiple of the number of base volumes you enter. Fractional ratios are not permitted.	142
CMUG00140E No more volumes can be created from this extent pool. No more volume addresses are available in the rank group.	142
CMUG00141E You must select a storage type for FlashCopy storage when the quantity is non zero.	142
CMUG00142E You must select a storage type for Remote Mirror and Copy storage when the quantity is non zero.	143
CMUG00143E You cannot select a storage type for FlashCopy storage when the quantity is zero.	143
CMUG00144E You cannot select a storage type for Remote Mirror and Copy storage when the quantity is zero.	143
CMUG00145E The number of DDM packs that are assigned to any storage image must be equal to the number of DDM packs that are assigned to any other storage image on the storage unit, plus or minus 6.	144
CMUG00146E Storage complex not found.	144
CMUG00147E Target storage unit not found.	144
CMUG00148E Unable to connect to the management console server.	144
CMUG00149E Configuration transfer error: One or more DDMs is not in a normal state.	145
CMUG00150E Target storage image not found	145

CMUG00151E The configuration cannot be transferred successfully. The target storage image logical configuration has been altered by a separate task. 145

CMUG00152E The configuration cannot be transferred successfully. The target storage image cannot be deleted because the states of some of its resources prevent its deletion. . 146

CMUG00153E The configuration cannot be transferred successfully. One or more of the resources that are specified to be transferred already exists on the target storage image. . 146

CMUG00155E The physical configuration of the target storage image is not compatible with the physical configuration of the source storage image. 147

CMUG00156W Volumes will be removed from the volume group. Hosts that are attached to this volume group will no longer have access to these volumes. Click Finish to remove the volumes. Click Cancel to cancel the operation.. 147

CMUG00157W Data on the logical volume might have been lost. This operation can cause loss of access to the data on the selected volumes. Are you sure you want to continue? Click Continue to restore access to the volumes. Click Cancel to cancel the operation. . . . 147

CMUG00158E Volume nickname cannot exceed 16 characters. 148

CMUG00159E Error writing the configuration to the target storage unit. 148

CMUG00160E One or more logical resources are not supported for transfer to the target storage unit. 148

CMUG00161E Transfer failed for an unknown reason. 148

CMUG00162E Error reading the configuration on the source storage unit. 149

CMUG00163E You cannot create additional logical subsystems. No addresses are available. 149

CMUG00164W *VALUE_1* of the *VALUE_2* selected volumes are assigned to volume groups and will be deleted. Are you sure you want to delete these volumes? 149

CMUG00165E You cannot attach iSeries hosts to volume groups that have more than 32 volumes. 150

CMUG00166W The following resources will be deleted on target storage unit *TARGET* if you continue to apply the current configuration: *CONFIGURATION* Click Resume to delete the resources and apply the current configuration.. 150

CMUG00167W The following resources will be deleted on target storage image *TARGET* if you continue to apply the current configuration: *CONFIGURATION* Click Resume to delete the resources and apply the current configuration.. 150

CMUG00168E The selected storage unit is in the Attention state. You cannot continue applying the configuration. Contact IBM technical support for assistance. 151

CMUG00169E The selected storage image is in the Attention state. You cannot continue applying the configuration. Contact IBM technical support for assistance. 151

CMUG00170W *VOLUME_GROUPS* volume groups will be deleted. *VOLUMES* volumes are assigned to the selected volume groups and will be unassigned. Select Ok to delete the volume groups. Select Cancel to cancel the operation.. 151

CMUG00171E *SOURCE* The Open Environment License value of the selected target storage image does not allow the transfer of this simulated configuration. 152

CMUG00172E *SOURCE* The Open Environment License value of the selected target storage unit does not allow the transfer of this simulated configuration. 152

CMUG00173W The new AS/400 serial number will take effect after the next initialization. Are you sure you want to change the serial number to the new one? Click Continue to change the old serial number to the new serial number. Click Cancel to cancel the operation. 153

CMUG00174W After the selected arrays are deleted, one or more extent pools to which the arrays were assigned are not going to have an assigned array. Do you want to delete the following extent pools as well as the arrays? *EXTENTS* 153

CMUG00175E The number of volumes that you have requested exceeds the maximum number of volumes that you can create. You can create a maximum of *VOLUMES* volumes. 153

CMUG00176W The selected offline storage unit is not logically configured. If you apply the selected configuration only the host information transfers to the online storage unit. Are you sure that you want to apply only the host information to the online storage unit? Click Continue if you want to apply the host information from the offline storage unit to the online storage unit. Click Cancel to cancel the operation. 154

CMUG00177W The selected offline storage image is not logically configured. If you apply the selected configuration only the host information transfers to the online storage image. Are you sure you want to apply only the host information to the online storage image? Click Continue if you want to apply the host information from the offline storage image to the online storage image. Click Cancel to cancel the operation. 154

CMUG00178E *STORAGE_IMAGES* The storage images are involved in long running tasks that are currently running and cannot be used in this operation. 155

CMUG00179E *STORAGE_UNITS* The storage units are involved in long running tasks that are currently running and cannot be used in this operation. 155

CMUG00180W The following hosts will be deleted: *HOSTS*. The following anonymous ESCON and FICON hosts will not be deleted:
ANONYMOUS_HOSTS. Select Continue to delete the hosts. Select Cancel to cancel the operation. . 156

CMUG00181I The following anonymous ESCON and FICON hosts cannot be deleted:
ANONYMOUS_HOSTS. Select Cancel to cancel the operation. 156

CMUG00182W This action can cause one or more volumes to become isolated for some associated host systems. Some host types might be prevented from accessing other volumes from the same volume group. Click Ok to delete the volumes. Click Cancel to cancel the operation.. 156

CMUG00183W The specified volumes will be removed from the volume groups. Any associated hosts will immediately lose access to the files that are on the specified volumes. This action can also cause one or more volumes to become isolated for some associated host systems. Some host types might be prevented from accessing other volumes from the same volume group. Click Continue to remove the volumes. Click Cancel to cancel the operation.. 157

CMUG00184W This operation will compress the volume group. Ensure that your hosts are not currently accessing this volume group. After this operation completes, reboot your host systems or use your host systems to reidentify the volumes. 157

CMUG00185E Unable to attach host. No volume group is selected. 158

CMUG00186W This action deletes the last rank in the system. Continuing with this request also deletes all remaining volume groups, LCUs, LSSs, and attached hosts. Are you sure you want to continue with this action? Select Continue to delete the final rank. Select Cancel to cancel the operation without deleting any of the logical configuration items. 158

CMUG00187W You have selected the Activate button on the Apply Firmware page. The current installed firmware level is *CURRENT_FIRMWARE_LEVEL*. Are you sure that you want to downgrade the firmware to level *DOWNGRADE_TO_FIRMWARE_LEVEL*? Click Yes to activate the firmware level or click No to cancel the operation and return to the Apply Firmware page. 158

CMUG00188E You are attempting to apply an offline storage unit configuration to an online storage unit. The selected offline storage unit is not logically configured and has no host configured. 159

CMUG00189E You are attempting to apply an offline storage image configuration to an online storage image. The selected offline storage image is not logically configured and has no host configured. 159

CMUG00190E *STORAGE_UNIT* storage unit is not available. 159

CMUG00191E Incorrect value for *VARIABLE_NAME: VALUE*. This must be a real number with a maximum of *MAXIMUM_DECIMAL_POSITIONS* positions to the right of the decimal point. 160

CMUG00192E Ethernet Port *FIRST_PORT* and Ethernet Port *SECOND_PORT* on Server (system processor card) *SERVER* are both located on the same network. Two external Ethernet ports that are located on the same server cannot be configured to the same network. 160

CMUG00193W You have not configured an external Ethernet port on Server (system processor card) *SERVER*. Configuring at least one external Ethernet port on each server provides redundancy. Click Continue to complete the operation, or click Cancel to cancel the operation and return to the Configure Ethernet Port panel. 160

CMUG00194W Are you sure you want to disable Server (system processor card) *SERVER* Ethernet Port *PORT*? Click Yes to disable the external Ethernet port and take it offline, or click No to cancel the operation and return to the Configure Ethernet Port panel. 161

CMUG00195W Neither Server (system processor card) *FIRST_SERVER* nor Server *SECOND_SERVER* has an external Ethernet port that is configured. Configuring at least one external Ethernet port on each server provides redundancy. Click Continue to complete the operation without configuring any external Ethernet ports, or click Cancel to cancel the operation and return to the Configure Ethernet Port panel. 161

CMUG00196E Volume *VOLUME* is already a member of the volume group. 161

CMUG00197E Volume *VOLUME* does not exist. . . 162

CMUG00198E Volume *VOLUME* cannot be added to the volume group because the volume has a volume type that is not supported by the host type of the volume group. 162

CMUG00199W Volume *VOLUME* is already a member of another volume group. Are you sure that you want to add the specified volume to the volume group? Click Continue to add the specified volume to the volume group or click Cancel to cancel the operation and return to the Show LUN Map page. 162

CMUG00200W *REFERENCE* You are applying the activation codes to the storage image. The release level of the Network Interface server is below the release level that is fully compatible with the Network Interface client that you are using. The activation code that you are attempting to apply contains authorization for a storage size that contains partial terabytes. Due to the differences between release levels of the Network Interface server, the authorization level of all feature keys will be truncated to whole terabytes, and data to the right of the decimal point will be ignored. 163

CMUG00201W *REFERENCE* You are attempting to apply the activation codes to the storage image. HyperPAV is only enabled if PAV is enabled on the storage image. Click OK to apply the activation keys. Click Cancel to cancel the operation without applying the activation keys. 163

CMUG00202E The storage unit has been modified by another task or user. Close the Modify storage unit page and then restart the task. 163

CMUG00203E Another task or user has deleted the storage unit. Close the Modify storage unit page. 164

CMUG00204W You can open only one configuration file at a time. The current configuration file is temporary and you have not saved it. Click Ok to save the current configuration file, or click Continue to proceed without saving the current configuration file. 164

CMUG00205I The task that you have initiated closes the current configuration file and opens another configuration file. Do not open any pages in the Simulated manager until the entire operation has completed. 164

CMUG00206E The task has failed because the nickname that you have entered for the storage complex already exists. 165

CMUG00207E You have specified a quantity of volume groups that exceeds *QUANTITY_OF_STORAGE_IMAGES_SELECTED*, which is the quantity of storage images that are defined to the storage complex that you have selected. 165

CMUG00208I You cannot configure more than the maximum of *MAXIMUM_VOLUMES* volumes to a volume group of the volume type that you have selected. Each volume group that you have selected has the maximum of *MAXIMUM_VOLUMES* volumes configured. 165

CMUG00209E You cannot configure more than the maximum of *MAXIMUM_VOLUMES* volumes to a volume group of the volume type that you have selected. The quantity of volumes that you have selected to create is greater than the quantity of volumes that can be created for the volume group *SMALLEST_VOLUME_GROUP*, which has a remaining capacity of *REMAINING_CAPACITY*. 166

CMUG00210W The volumes that you are creating cannot be used by Copy Services functions until the new volume format operation completes. The format operation for the new volumes is estimated to complete in approximately *VALUE_0* minutes. 166

CMUG00211W Another task is opening a configuration file. Close the current page and retry the task that you are attempting after the other task has completed successfully. . . 166

CMUG00212W You are attempting to change the power control mode to Manual. Attention: The change power control mode operation can take approximately 3 minutes to complete. Access to all storage units in the storage complex using the graphical user interface or command-line interface might not be available until the change power control mode operation completes. Click OK to change the power control mode to Manual, or click Cancel to cancel the operation without changing the power control mode. 167

CMUG00213W You are attempting to change the power control mode to Auto. Attention: The change power control mode operation can take approximately 3 minutes to complete. Access to all storage units in the storage complex using the graphical user interface or command-line interface might not be available until the change power control mode operation completes. Click OK to change the power control mode to Auto, or click Cancel to cancel the operation without changing the power control mode. . . 167

CMUG00214W You are attempting to change the power control mode to zSeries. Attention: The change power control mode operation can take approximately 3 minutes to complete. Access to all storage units in the storage complex using the graphical user interface or command-line interface might not be available until the change power control mode operation completes. Click OK to change the power control mode to zSeries, or click Cancel to cancel the operation without changing the power control mode. 168

CMUG00215W You are attempting to change the power control mode to Remote scheduled. Click OK to change the power control mode to Remote scheduled or click Cancel to cancel the operation without changing the power control mode. 168

CMUG00216W You are attempting to change the power control mode to Remote auto/scheduled. Click OK to change the power control mode to Remote auto/scheduled or click Cancel to cancel the operation without changing the power control mode.	168
CMUG00217W The storage unit is powering off. Wait until the storage unit power-off task has completed successfully before you initiate another power control task.	169
CMUG00218W The storage unit is powering on. Wait until the storage unit power-on task has completed successfully before you initiate another power control task.	169
CMUG00219W The power control mode of the storage unit is changing. Wait until the change storage unit power control mode task has completed successfully before you initiate another power control task.	169
CMUG00220E The power control mode of the storage unit cannot be determined. Resubmit the task. If the problem persists, contact IBM support.	170
CMUG00225W The delete array task has failed because the array <i>ARRAY</i> is not available.	170
CMUI00002I Call Home test was sent.	170
CMUI00003I All storage resources are in a normal state.	170
CMUI00004I No storage units available or connection to server is down.	171
CMUI00005I All physical resources are in a normal state.	171
CMUI00006I All logical resources are in a normal state.	171
CMUI00007E The confirmation password does not match the original password entry.	171
CMUI00008E Volume type is required.	172
CMUI00009E Volume size is required	172
CMUI00010E Unused storage to configure is greater than total available storage.	172
CMUI00011E Volume quantity is greater than total available volumes.	172
CMUI00012E Configured values must be recalculated.	173
CMUI00013E Host server IP address or host name required.	173
CMUI00014E Amount of storage to configure is greater than available storage to configure.	173
CMUI00015E The amount of storage to configure must contain only numbers.	174
CMUI00016E You must enter at least one of the two configurable storage values, and then calculate the other.	174
CMUI00017E You must click Calculate to generate and verify all configurable storage values.	174
CMUI00018E Volume quantity is greater than total available volumes.	174
CMUI00019E Starting LCU value is required.	175

CMUI00020E You must enter at least two of the three configurable storage values, and then calculate the third.	175
CMUI00021E You must enter at least two of the three configurable storage values, and then calculate the third.	175
CMUI00022E You must enter at least two of the three configurable storage values, then calculate the third.	176
CMUI00023E You must enter at least two of the three configurable storage values, then calculate the third.	176
CMUI00024E Amount of storage to configure has an invalid format.	176
CMUI00025E Volume size has an invalid format.	177
CMUI00026E Volume quantity has an invalid format.	177
CMUI00027E Insufficient number of array sites remaining for second array site configuration.. . . .	177
CMUI00028E IP address of the Primary Domain name server (DNS) field is required.	177
CMUI00029E An array site can be selected only once.	178
CMUI00031E You must select a volume size and enter at least one of the two configurable storage values, and then calculate the other.	178
CMUI00032E You must select a secondary array site for each selected array site.	178
CMUI00033E Network connection to the storage device failed.	178
CMUI00034E If selected, you must enter a volume quantity.	179
CMUI00035E Country is required.	179
CMUI00036E Current date is required	179
CMUI00037E Current time is required.	179
CMUI00038E Select an order data file from which to import.	180
CMUI00039E Enter the amount of unused storage to configure or enter a volume quantity.	180
CMUI00040E You must change every default IP address to the correct IP address. You must change: <i>VALUE_0</i>	180
CMUI00041E The task has failed because the serial number that you have entered contains an incorrect value or format.	180
CMUI00043E You must enter either the server host name or the server IP address, but not both.	181
CMUI00044W Click Continue to take the selected resource offline. Otherwise, click Cancel.	181
CMUI00045W This operation takes a long time to complete (possibly several hours). If you proceed, you must click the Refresh button on the Status tab in order to see the latest data. Click Continue to bring the selected resource online. Click Cancel to cancel the operation.	181
CMUI00046W Before you remove a disk drive module, review the possible results that a DDM service action can have on your storage unit.	182

CMUI00047W Before you remove a front display panel, review the possible results that a front display panel service action can have on your storage unit.	182
CMUI00048W Before you remove a rear operator panel, review the possible results that a rear operator panel service action can have on your storage unit.	182
CMUI00049W Before you remove a power supply, review the possible results that a power supply service action can have on your storage unit.	183
CMUI00050W Before you remove a processor card, review the possible results that a processor card service action can have on your storage unit.	183
CMUI00051W Before you remove a battery backup unit, review the possible results that a battery backup unit service action can have on your storage unit.	183
CMUI00052E The model number is required. Select one from the Model drop-down list. . .	184
CMUI00053E You must enter different IP addresses for each processor card.	184
CMUI00054E <i>ErrorCode</i> The selected resource was not successfully brought online. . . .	184
CMUI00055E The selected resource was not successfully brought online. A server connection error occurred.	185
CMUI00056E A unique 4-character hexadecimal subsystem identifier is required.	185
CMUI00057E You must add at least one host attachment to the storage unit.	185
CMUI00058E At least one storage unit must be available before you can launch the Express Configure wizard.	185
CMUI00059W This action removes the selected storage units <i>VALUE_0</i> from the storage complex. If you have not properly prepared for this removal, you may encounter errors with affected Remote Mirror and Copy or host attachment configurations. Click Continue to remove the storage units from the storage complex. Click Cancel to cancel the operation..	186
CMUI00060W This task removes the selected storage unit from the storage complex. Before you remove the selected storage unit from the storage complex, ensure that all configuration tasks have completed. NOTE: While the storage unit is not assigned to a storage complex, there is no copy services error management when host I/O or copy services errors occur. Click OK to remove the storage unit from the storage complex or click Cancel to cancel the task without removing the storage unit from the storage complex.	186
CMUI00061I File transfer successful	186
CMUI00062E The Java Archive (.JAR) firmware file that you are attempting to apply is either corrupt or is not compatible with the hardware.	187

CMUI00063E The file transfer failed.	187
CMUI00064E The number of LCUs that are to be created must be between <i>VALUE_0</i> and <i>VALUE_1</i> . . .	187
CMUI00065E These storage units are already logically configured: <i>VALUE_0</i> . Reconfiguring a configured storage unit is not supported. . .	188
CMUI00066E The specified volume size is larger than the maximum possible volume size. .	188
CMUI00067E The specified volume quantity is larger than the maximum possible volume quantity.	188
CMUI00068E The specified number of aliases per base exceeds the maximum number that are available. The maximum number of available aliases is <i>VALUE_0</i>	188
CMUI00069E You must create at least one array and one rank before you can define hosts. . .	189
CMUI00070E The storage unit is not available. .	189
CMUI00071E Unable to transfer the file. The storage unit is not available.	189
CMUI00072E Select a host attachment identifier to connect to the storage unit ports.	189
CMUI00073E Unable to load program file <i>IBMRemote.dll</i>	189
CMUI00074E <i>VALUE_0</i> is not a valid telephone prefix or number value.	190
CMUI00075E <i>VALUE_0</i> : A telephone number must be selected or entered.	190
CMUI00076E You must add at least one host attachment to the storage unit.	190
CMUI00077I <i>SOURCE</i> Dumps have been copied successfully.	190
CMUI00078I <i>SOURCE</i> Traces have been copied successfully.	191
CMUI00079W <i>STORAGE_UNIT</i> , <i>NUMBER_OF_FILES</i> , <i>FILE_SIZE</i> were selected. This action sends the specified problem determination data to IBM. Click OK to send the problem determination data. Otherwise, click Cancel.	191
CMUI00080W You have selected to delete <i>NUMBER_OF_FILES</i> problem determination data files. This problem determination data might contain the only information about an incident. If the information is deleted, it might prevent future problem determination. Click Continue to delete the problem determination data. Otherwise, click Cancel. .	191
CMUI00081E <i>SOURCE</i> You must provide a description of the problem.	192
CMUI00082E The storage complex already has an assigned storage unit with the IP address of processor card 1 set to the following value: <i>IP_ADDRESS</i>	192
CMUI00083E The storage complex already has an assigned storage unit with the IP address of processor card 2 set to the following value: <i>IP_ADDRESS</i>	192

CMUI00084E The storage complex already has an assigned storage unit with the machine type and machine serial number set to the following value: *MTMS* 193

CMUI00085E The user name and password must be the same user name and password of the user that is logged onto the DS Storage Manager. . 193

CMUI00086W This action forces a warm start, which causes a statesave operation on the storage unit. This operation might cause a loss of access to the storage unit for a few minutes. Click Continue to force the warm start. Click Cancel to cancel the operation. . 193

CMUI00087W This action clears the status tracks (CST), which destroys all pinned data and might cause data loss. Click Continue to destroy all pinned data. Click Cancel to cancel the operation. 194

CMUI00088W This operation causes the DS Storage Manager to become unavailable, which causes you to lose access to the storage unit. Click Continue to restart the storage unit. Click Cancel to cancel the operation. . . . 194

CMUI00089E There are no online storage units that are identified with the specified combination of processor card IP addresses and storage unit machine type and serial number (MTS) [*IP_PROCESSOR_CARD_1*, *IP_PROCESSOR_CARD_2*, *SERIAL_NUMBER*]. . . . 194

CMUI00090I *NUMBER_OF_LOGS* management console logs have been copied successfully. . . . 194

CMUI00091W You are collecting *DATA_TYPES* from *STORAGE_UNIT*. This task can take an hour or more to complete. Click Ok to begin collecting data. Click Cancel to cancel the task without collecting any data. 195

CMUI00092W You have chosen to save the following files to your local computer: *PDD_FILES*. The destination file is named *FILE_NAME* and has a size of *FILE_SIZE*. Click Ok to download the problem determination data or click Cancel to cancel the operation. . . 195

CMUI00093W The Enable Modem Call Home task failed because the modem is not configured properly. Use the "Modem Configuration" link below to configure the modem, and then resubmit the task. 195

CMUI00098E The file upload task did not complete in the allowed time. 196

CMUI00099E The status of the *FILENAME* file has changed or the specified file no longer exists. Click Refresh to view the current status before you initiate another action. . 196

CMUI00100W The storage unit that you have attempted to assign is currently assigned to storage complex *STORAGE_COMPLEX*. Click OK to force the assignment of the storage unit to the storage complex that you specified. Click Cancel to cancel the task without changing the assignment of the storage unit. 196

CMUI00101W The storage unit *STORAGE_UNIT* that you have attempted to remove is currently unavailable or is running in single cluster mode. Click Continue to force the removal of the specified storage unit from the storage complex. Click Cancel to cancel the task without forcing the removal of the specified storage unit from the storage complex. . . . 197

CMUI00102W Security will not be reset on the management console that you have selected to remove because the management console you have selected is currently unavailable. Click Yes to remove the management console that you have selected without resetting security, or click No to cancel the task without removing the management console that you have selected. . . 197

CMUI00103E The peer management console definition task has failed because one of the management consoles is offline. 198

CMUI00104E The peer management console removal task has failed. 198

CMUI00105W The local management console that you are using is not defined to a storage complex. Perform one of the following three actions: Create a local storage complex using the Create local storage complex action on the management console that you are using; define the local management console to an existing storage complex by selecting the existing storage complex and using the Define peer... action; do nothing. If you do nothing, the local management console can manage existing storage complexes remotely. 198

CMUI00106W The local management console that you are using is not defined to a storage complex. Perform one of the following three actions: An administrative user must create a local storage complex using the Create local storage complex action on the management console that you are using; an administrative user must define the local management console to an existing storage complex by selecting the existing storage complex and using the Define peer... action; do nothing. If you do nothing, the local management console can manage existing storage complexes remotely. . 199

CMUI00108W The management console *IP_ADDRESS* that you have specified is not defined to a storage complex. An administrative user must create a local storage complex using the management console that you have specified before you can add it to the list. Click OK to return to the Storage complexes main page. . . 199

CMUI00109W Enhanced security is not established for the storage complex that you are attempting to add to the list. Click OK to continue. After you have added the storage complex, use the Establish enhanced security action on the Storage complexes main page to establish enhanced security on the storage complex that you are attempting to add. . . 200

CMUI00110W The management console for the storage complex that you are attempting to add to the list has a version of code that does not support enhanced security. Click OK to continue. After you have added the storage complex, upgrade the code of the management console to a version that supports enhanced security and use the Establish enhanced security action on the Storage complexes main page to establish enhanced security on the storage complex that you have added.	200
CMUI00111W The storage complex password is required for some storage complex tasks. Secure the storage complex password for future reference and then click OK to complete the task or click Cancel to cancel the task and return to the Storage complexes main page.	201
CMUI00112E The task has failed because at least one of the management consoles in the storage complex is not connected.	201
CMUI00113E The modify storage complex nickname or password task has failed because the storage complex security is not enabled.	201
CMUI00114E The modify storage complex nickname or password task has failed.	202
CMUI00115W Before you delete the storage complex <i>STORAGE_COMPLEX_NICKNAME</i> , you must remove all storage units and the peer management console from the specified storage complex. Click OK to delete the specified storage complex or click Cancel to cancel the task and return to the Storage complexes main page without deleting the specified storage complex.	202
CMUI00116E The storage complex delete task has failed. Click OK to return to the Storage complexes main page.	202
CMUI00117E You have not entered the correct password for the user name that has been used to log in to the management console application that you are using.	203
CMUI00118E You must enter the correct current password in the Password field that is defined for the user account in the User name field.	203
CMUI00119E You cannot delete the storage complex <i>STORAGE_COMPLEX_NICKNAME</i> because it still has a storage unit or management console defined to it.	203
CMUI00120W Do you want to delete all the user accounts on the management console? Click Yes to delete all user accounts or click No to retain all user accounts. If you click Yes to delete all user accounts on the local management console, the session expires and the login dialog displays.	204
CMUI00121E The peer management console definition task has failed because the management console you are attempting to define as a peer is already a member of a storage complex.	204

CMUI00122W The task has failed because the password of the management console that you are using does not match the password of the remote management console that has the nickname <i>REMOTE_NICKNAME</i>	204
CMUI00123E Unable to resolve host name.	205
CMUI00124W The firmware file that you have selected to transfer from the management console to the storage unit processor cards has already been transferred to the storage unit processor cards. Do you want to transfer the selected firmware file again? Click Yes to transfer the firmware file or click No to cancel the task without transferring the firmware file.	205
CMUI00125E The IP address that you have entered is not the correct IP address for the host name that you have entered. You can enter a host name and no IP address, or you can enter an IP address and no host name. If you enter both a host name and an IP address, the IP address must be the correct IP address for the host name.	205
CMUI00126E You must enter a company name.	206

Chapter 6. DS Storage Manager Copy Services messages 207

CMUS00000W This operation deletes the selected FlashCopy relationships. Click OK to delete the FlashCopy relationships. Click Cancel to cancel the operation.	207
CMUS00001W This operation deletes Remote Mirror and Copy relationships. Click OK to delete the Remote Mirror and Copy relationships. Click Cancel to cancel the operation.	207
CMUS00002E You must select at least one source volume to create relationships.	207
CMUS00003E You must select the same number of target volumes as source volumes.	208
CMUS00004E You must select at least one source volume to create relationships.	208
CMUS00005E You must select the same number of target volumes as source volumes.	208
CMUS00006E You must select at least one target volume.	208
CMUS00007E The target volume refresh fails. Contact IBM technical support for assistance.	208
CMUS00008E The FlashCopy reverse fails. Contact IBM technical support for assistance.	209
CMUS00009E You must select a source logical subsystem.	209
CMUS00010E You must select a target logical subsystem.	209
CMUS00011E You must select the source I/O ports.	209
CMUS00012E You must select the target I/O ports.	209

CMUS00013W This operation deletes paths that might be used by Remote Mirror and Copy pairs. If you continue, data transfer bandwidth might be lowered. Click Continue to delete the paths. Click Cancel to cancel the operation.	210
CMUS00014E You must select a master logical subsystem for the Global Mirror relationship.	210
CMUS00015W This operation resumes the selected Global Mirror relationships. Click OK to resume the Global Mirror relationships. Click Cancel to cancel the operation.	210
CMUS00016W This operation pauses the selected Global Mirror relationships. Click OK to pause the Global Mirror relationships. Click Cancel to cancel the operation.	210
CMUS00017E Unable to start Global Mirror session. Contact IBM technical support for assistance.	211
CMUS00018E Invalid session ID.	211
CMUS00019E The management console server rejects the options you selected.	211
CMUS00020E Inhibit writes to target volume option: no valid value selected	211
CMUS00021E Enable change recording option: no valid value selected	212
CMUS00022E Permit FlashCopy to occur if target volume is online for host access: no valid value selected	212
CMUS00023E Fast reverse: no valid value selected	212
CMUS00024W This operation deletes the selected Global Mirror relationships. Click OK to delete the Global Mirror relationships. Click Cancel to cancel the operation.	212
CMUS00025E The relationship properties cannot be displayed. The relationship no longer exists.. . . .	213
CMUS00026E Relationships <i>VALUE_0</i> specify volumes with incompatible sizes. These relationships will not be created.	213
CMUS00027W The paths you are attempting to remove are used by existing Remote Mirror and Copy pairs. All paths cannot be removed from target LSSs <i>VALUE_0</i> while pairs exist. The Remote Mirror and Copy pairs must be removed before all paths can be removed.	213
CMUS00028E You must select at least one FlashCopy relationship.	213
CMUS00029E No source LSS is available in the selected storage image.	214
CMUS00030W The selected storage unit or image is not a master (primary) for Global Mirror sessions.	214
CMUS00031E Invalid logical subsystem: No paths to the subordinates exist.	214
CMUS00032E No target LSS is available for the selected source LSS.	214
CMUS00033E Select at least one volume.	215
CMUS00034E No session IDs are available for the selected volumes.	215

CMUS00035W Resetting the reservation on the secondary volume might cause host I/O targeting that volume to fail. Select Continue to reset the reservation. Select Cancel to cancel the operation.	215
CMUS00036I You have selected either the Reset reservation (Open Systems) option or the Create relationship even if target is online to a host (zSeries) option. Each of these options clears host access on the secondary remote mirror and copy device when the Create relationship operation completes. Any data previously written to these secondary volumes is lost, and any active host I/O to these volumes fails.	215

Chapter 7. DS Storage Manager console messages 217

CMUL00000E GUI console operation error: page exception	217
CMUL00001E GUI console operation error: renderer exception	217
CMUL00002E GUI console operation error: trigger exception	217
CMUL00003E GUI console operation error: request not handled	217
CMUL00004E GUI console operation error: Java runtime exception	218
CMUL00005E GUI console operation error: GUI not initialized	218
CMUL00006E GUI console operation error: GUI panel definition	218
CMUL00007E GUI console operation error: GUI panel definition	218
CMUL00008E GUI console operation error: fatal error	218
CMUL00009E Invalid value: <i>VALUE_0</i> . Only integer values are allowed.	219
CMUL00010E <i>VALUE_0</i> : All components of the IP field are required.	219
CMUL00011E <i>VALUE_0</i> : Only numbers between 0-255 are valid.	219
CMUL00012E <i>VALUE_0</i> is required.	219
CMUL00013W This command has irreversible consequences. Select OK to execute the command. Select Cancel to cancel the operation.	219
CMUL00014E Supply values for all the required fields.	220
CMUL00015E Value too small: <i>VALUE_0</i> . The value that you enter must be an integer greater than or equal to <i>VALUE_1</i>	220
CMUL00016E Value too large: <i>VALUE_0</i> . The value that you enter must be an integer smaller than or equal to <i>VALUE_1</i>	220
CMUL00017E Entry too long: <i>VALUE_0</i> . The string that you enter must be less than or equal to <i>VALUE_1</i> characters in length.	220
CMUL00018E <i>VALUE_0</i> must be between <i>VALUE_1</i> and <i>VALUE_2</i>	220
CMUL00019E Invalid value: <i>VALUE_0</i>	221

CMUL00020E Invalid activation code format: <i>VALUE_0</i> . The code must be <i>VALUE_1</i> groups of four-digit hexadecimal numbers, separated by hyphens.	221
CMUL00021E Invalid value: <i>VALUE_0</i> . A session ID must be a hexadecimal number.	221
CMUL00022E Invalid value: <i>VALUE_0</i> . This number must be <i>VALUE_1</i> digits long.	221
CMUL00023E Value too small: <i>VALUE_0</i> . The value you enter must be greater than <i>VALUE_1</i>	222
CMUL00024E Value too large: <i>VALUE_0</i> . The value you enter must be smaller than <i>VALUE_1</i>	222
CMUL00025E Invalid value: <i>VALUE_0</i> . Only alphabetical text is permitted.	222
CMUL00026E Unable to add storage complex. The storage complex is not online.	222
CMUL00027E The selected storage complexes cannot be deleted.	222
CMUL00028E Invalid value: <i>VALUE_0</i> . This number must be a percentage, entered as an integer between <i>VALUE_1</i> and <i>VALUE_2</i>	223
CMUL00029E Unauthorized user	223
CMUL00030I Please wait...	223
CMUL00031E Message <i>MESSAGE</i> is not defined. Contact IBM technical support for assistance.	223

Chapter 8. DS Storage Manager service messages 225

CMUR00000W You are about to generate a test problem. A SNMP message will be triggered and a test problem will be sent to IBM via Call Home. Click Continue to create the test problem. Click Cancel to cancel the operation..	225
CMUR00001W The selected hardware resource will be taken offline. Click Continue to take the hardware resource offline. Click Cancel to cancel the operation.	225
CMUR00002W The selected hardware resource will be brought online. Click Continue to bring the hardware resource online. Click Cancel to cancel the operation.	225
CMUR00003W You are about to close the selected log entry. This will have no effect on the associated hardware resource. Once closed, the log entry cannot be reopened. All light path indicators associated with this log entry will be extinguished. Click Continue to close the log entry. Click Cancel to cancel the operation.	226
CMUR00004E Invalid date entry	226
CMUR00005E Invalid time entry	226
CMUR00006W This operation ends the long running task. Click OK to end the long running task. Click Cancel to cancel the operation.	227
CMUR00007W This operation ends the selected long running tasks. Click OK to end the long running tasks. Click Cancel to cancel the operation.	227

CMUR00008W This operation deletes the selected long running task. Click OK to delete the long running task. Click Cancel to cancel the operation.	227
CMUR00009E You must select either an existing storage complex or a storage unit that has not been assigned to a storage complex.	227
CMUR00010E The password and confirmation password do not match.	228
CMUR00011W User accounts will be deleted. Click OK to delete the user accounts. Click Cancel to cancel the operation.	228
CMUR00012E Service data cannot be collected and sent until you provide customer contact information.	228
CMUR00013W This operation takes a long time to complete. If you proceed, you must click the Refresh button on the Status tab in order to see the latest data. Click Continue to bring the resource online. Click Cancel to cancel the operation.	228
CMUR00014E No storage unit is available. This panel cannot be used unless there is at least one storage unit online. Navigate to the Storage Unit panel to verify the status of the managed storage units before you continue.	229
CMUR00015E The selected resource cannot be brought online.	229
CMUR00016E The attempt to bring the selected resource online does not complete. Verify the state of the storage unit and resubmit the task after the storage unit has returned to a Normal status.	229
CMUR00017E The attempt to take the selected resource offline does not complete.	230
CMUR00018I Data is being collected for the selected reports.	230
CMUR00019I Data collection will no longer occur for the unselected reports.	230
CMUR00020W This operation takes a long time to complete. If the resource is a processor card, the storage unit becomes unavailable after the operation completes. If you proceed, you must click the Refresh button on the Status tab in order to see the latest data. Click Continue to take the resource offline. Click Cancel to cancel the operation.	231
CMUR00021E <i>VALUE_0</i> Operation unsuccessful: The selected resource is not offline.	231
CMUR00022E The peer management console <i>IP_ADDRESS</i> for the selected storage complex is unavailable. No logs were gathered.	231
CMUR00023E The selected storage complex cannot be accessed. No logs were gathered.	232

CMUR00024W A disk drive module is formatted immediately when you bring it online. The disk drive module format task deletes all data on the disk drive module. This operation takes a long time to complete. If you proceed, you must click the Refresh button on the Status tab of the Properties page to see the latest data. Click Continue to bring the disk drive module online and format it, or click Cancel to cancel the operation.	232
CMUR00025W If you take a disk drive module offline, it is formatted when you bring it back online. The disk drive module format task deletes all data on the disk drive module. The operations that take the disk drive module offline and online take a long time to complete. If you proceed, you must click the Refresh button on the Status tab of the Properties page to see the latest data. Click Continue to take the disk drive module offline or click Cancel to cancel the operation.	232
CMUR00026W There are no error log entries that satisfy the selected <i>FILTER</i> filtering criteria.	233
CMUR00027I There are no open error log entries for the past 7 days for the <i>RESOURCE</i> resource that you have selected.	233
CMUR00028E The combination of values in the From this date: and time: fields must be earlier than the combination of values in the To this date: and time: fields.	233

Chapter 9. DS storage management

console server messages 235

CMUN00000E <i>SOURCE</i> Authentication failure	235
CMUN00001E <i>SOURCE</i> Configuration error. Contact IBM technical support for assistance.	235
CMUN00002E <i>SOURCE</i> Internal error. Contact IBM technical support for assistance.	235
CMUN00003E <i>SOURCE</i> Configuration connection error. Contact IBM technical support for assistance.	235
CMUN00004E <i>SOURCE</i> Configuration connection error. Contact IBM technical support for assistance.	236
CMUN00005E <i>SOURCE</i> Internal error. Contact IBM technical support for assistance.	236
CMUN00006E <i>SOURCE</i> Internal error. Contact IBM technical support for assistance.	236
CMUN00007E <i>SOURCE</i> Mismatched Jar file	236
CMUN00008E <i>SOURCE</i> Invalid configuration parameter	236
CMUN00009E <i>SOURCE</i> Invalid parameter	237
CMUN00010E <i>SOURCE</i> Invalid parameter.	237
CMUN00011E <i>SOURCE</i> Configuration query error. Contact IBM technical support for assistance.	237
CMUN00012E <i>SOURCE</i> Configuration query error. Contact IBM technical support for assistance.	238
CMUN00013E <i>SOURCE</i> Resource not found	238
CMUN00014E <i>SOURCE</i> Server error. Contact IBM technical support for assistance.	238

CMUN00015E <i>SOURCE</i> Command execution timeout	238
CMUN00016E <i>SOURCE</i> Unauthorized access	238
CMUN00017E <i>SOURCE</i> Your user ID does not have the authority to perform this operation.	239
CMUN00018E <i>SOURCE</i> Unable to connect to the management console server	239
CMUN00019E <i>SOURCE</i> Unknown configuration error. Contact IBM technical support for assistance.	239
CMUN00020E <i>SOURCE</i> Unknown error. Contact IBM technical support for assistance.	240
CMUN00021E <i>SOURCE</i> Unknown management console server internal error. Contact IBM technical support for assistance.	240
CMUN00022E <i>SOURCE</i> The specified operation is unsupported.	240
CMUN01000E <i>SOURCE</i> Operation failure. Contact IBM technical support for assistance.	240
CMUN01001E <i>SOURCE</i> Operation failure: retrieving rank. Contact IBM technical support for assistance.	240
CMUN01002E <i>SOURCE</i> Operation failure. Contact IBM technical support for assistance.	241
CMUN02000E <i>SOURCE</i> Query failure: This action is supported only for CKD volumes.	241
CMUN02001E <i>SOURCE</i> Error: The logical volume has been created, but it is not assigned to an address group. Contact IBM technical support for assistance.	241
CMUN02002E <i>SOURCE</i> Error: The logical volume has been created but it is not assigned to a logical subsystem. Contact IBM technical support for assistance.	241
CMUN02003E <i>SOURCE</i> Error: The logical volume has been created, but it is not assigned to a volume group. Contact IBM technical support for assistance.	242
CMUN02004E <i>SOURCE</i> Error: The logical volume has been created, but it is not assigned to an extent pool. Contact IBM technical support for assistance.	242
CMUN02005E <i>RANK</i> Unable to assign the rank to the extent pool. The rank is already assigned to another extent pool.	242
CMUN02006E <i>SOURCE</i> Unable to query rank. Contact IBM technical support for assistance.	242
CMUN02007E <i>SOURCE</i> Unable to query rank. Contact IBM technical support for assistance.	243
CMUN02008E <i>SOURCE</i> Unable to query logical volume. Contact IBM technical support for assistance.	243
CMUN02009E <i>SOURCE</i> Unable to create array. Contact IBM technical support for assistance.	243
CMUN02010E <i>SOURCE</i> Unable to create array. Contact IBM technical support for assistance.	243
CMUN02011E <i>SOURCE</i> Unable to create array: internal interface communication error. Contact IBM technical support for assistance.	243
CMUN02012E <i>SOURCE</i> Unable to create array: The array site is not unassigned.	244

CMUN02013E <i>SOURCE</i> Unable to create array. Contact IBM technical support for assistance.	244
CMUN02014E <i>SOURCE</i> Cannot delete array. The array is flagged to be serviced.	244
CMUN02015E <i>SOURCE</i> Unable to delete rank: The rank is still assigned.	244
CMUN02016E <i>SOURCE</i> Unable to delete logical subsystem: Logical volumes are assigned.	245
CMUN02017E <i>SOURCE</i> Unable to delete rank: Extents are in use.	245
CMUN02018E <i>SOURCE</i> Unable to create or delete array: local server offline	245
CMUN02019E <i>SOURCE</i> Cannot exceed maximum volume group count	245
CMUN02020E <i>SOURCE</i> Unable to create logical subsystem: ID already in use.	245
CMUN02021E <i>SOURCE</i> Unable to create logical volume: the volume number already exists.	246
CMUN02022E <i>SOURCE</i> Unable to create array. Contact IBM technical support for assistance.	246
CMUN02023E <i>SOURCE</i> Unable to modify logical subsystem: cannot set session timeout	246
CMUN02024E <i>SOURCE</i> Unable to modify logical subsystem: invalid critical mode enabled	246
CMUN02025E <i>SOURCE</i> Unable to modify logical subsystem: invalid extended long busy enabled parameter	247
CMUN02026E <i>SOURCE</i> Unable to modify logical subsystem: invalid extended long busy time value	247
CMUN02027E <i>SOURCE</i> Unable to modify logical subsystem: cannot set session timeout	247
CMUN02028E <i>SOURCE</i> Cannot use array sites. These sites are flagged to be serviced.	247
CMUN02029E <i>SOURCE</i> Internal error. Contact IBM technical support for assistance.	248
CMUN02030E <i>SOURCE</i> Unable to repair array. Contact IBM technical support for assistance.	248
CMUN02031E <i>SOURCE</i> Operation failure: changes are pending	248
CMUN02032E <i>SOURCE</i> Unable to create logical volume. Contact IBM technical support for assistance.	248
CMUN02033E <i>SOURCE</i> Error: The logical volume has been deleted, but the logical subsystem deletion fails. Contact IBM technical support for assistance.	249
CMUN02034E <i>SOURCE</i> Unable to repair array. Contact IBM technical support for assistance.	249
CMUN02035E <i>SOURCE</i> Unable to delete logical volume. Contact IBM technical support for assistance.	249
CMUN02036E <i>SOURCE</i> Unable to delete array. Contact IBM technical support for assistance.	249
CMUN02037E <i>SOURCE</i> Unable to delete array. Contact IBM technical support for assistance.	249
CMUN02038E <i>SOURCE</i> Unable to delete array. Contact IBM technical support for assistance.	250
CMUN02039E <i>SOURCE</i> Unable to delete array. Contact IBM technical support for assistance.	250

CMUN02040E <i>SOURCE</i> Unable to delete array. The array must be in an unassigned state.	250
CMUN02041E <i>SOURCE</i> Unable to create logical subsystem: device type must be CKD	250
CMUN02042E <i>SOURCE</i> Operation failure: configuration already exists	251
CMUN02043E <i>SOURCE</i> Operation failure: internal database not open. Contact IBM technical support for assistance.	251
CMUN02044E <i>SOURCE</i> Operation failure: unable to allocate memory. Contact IBM technical support for assistance.	251
CMUN02045E <i>SOURCE</i> Operation failure: unable to allocate memory. Contact IBM technical support for assistance.	251
CMUN02046E <i>SOURCE</i> Operation failure: unable to allocate memory. Contact IBM technical support for assistance.	251
CMUN02047E <i>SOURCE</i> Operation failure. Contact IBM technical support for assistance.	252
CMUN02048E <i>SOURCE</i> Operation failure. Contact IBM technical support for assistance.	252
CMUN02049E <i>SOURCE</i> Rank reconfiguration failure: memory allocation error. Contact IBM technical support for assistance.	252
CMUN02050E <i>SOURCE</i> Unable to repair array. Contact IBM technical support for assistance.	252
CMUN02051E <i>SOURCE</i> Unable to repair array. Contact IBM technical support for assistance.	252
CMUN02052E <i>SOURCE</i> Storage unit unavailable	253
CMUN02053E <i>SOURCE</i> Unable to create extent pool: maximum number of extent pools reached	253
CMUN02054E <i>SOURCE</i> Unable to repair array. Contact IBM technical support for assistance.	253
CMUN02055E <i>SOURCE</i> Operation failure: unable to allocate memory	253
CMUN02056E <i>SOURCE</i> Operation failure: unable to allocate memory	254
CMUN02057E <i>SOURCE</i> Unable to assign rank to extent pool: The rank is not in the unassigned state.	254
CMUN02058E <i>SOURCE</i> Unable to assign rank to extent pool. Contact IBM technical support for assistance.	254
CMUN02059E <i>SOURCE</i> Unable to assign rank to extent pool. Contact IBM technical support for assistance.	254
CMUN02060E <i>SOURCE</i> Unable to create extent pool. Contact IBM technical support for assistance.	255
CMUN02061E <i>SOURCE</i> Create logical subsystem failure. Contact IBM technical support for assistance.	255
CMUN02062E <i>SOURCE</i> Unable to modify SCSI host port: invalid host type	255
CMUN02063E <i>SOURCE</i> Unable to create SCSI host port: invalid WWPN	255
CMUN02064E <i>SOURCE</i> Unable to create SCSI host port: non-unique WWPN	255
CMUN02065E <i>SOURCE</i> Operation failure: device adapter cannot query data	256

CMUN02066E <i>SOURCE</i> Operation failure: database creation error. Contact IBM technical support for assistance.	256
CMUN02067E <i>SOURCE</i> Unable to create SCSI host port. Contact IBM technical support for assistance.	256
CMUN02068E <i>SOURCE</i> Unable to create SCSI host port: invalid volume group identifier	256
CMUN02069E <i>SOURCE</i> Unable to create SCSI host port: invalid profile	256
CMUN02070E <i>SOURCE</i> Unable to create SCSI host port: invalid WWPN	257
CMUN02071E <i>SOURCE</i> Unable to create SCSI host port: invalid WWPN	257
CMUN02072E <i>SOURCE</i> Unable to create SCSI host port: invalid override default priority	257
CMUN02073E <i>SOURCE</i> Unable to create volume group. Contact IBM technical support for assistance.	257
CMUN02074E <i>SOURCE</i> Unable to create volume group: invalid user name	258
CMUN02075E <i>SOURCE</i> Unable to delete extent pool. Contact IBM technical support for assistance.	258
CMUN02076E <i>SOURCE</i> Rank creation cannot complete. Contact IBM technical support for assistance.	258
CMUN02077E <i>SOURCE</i> Operation failure: addition. Contact IBM technical support for assistance.	258
CMUN02078E <i>SOURCE</i> Failed to initialize LPAR. Contact IBM technical support for assistance.	258
CMUN02079E <i>SOURCE</i> Operation failure. Contact IBM technical support for assistance.	259
CMUN02080E <i>SOURCE</i> Unable to create array: The maximum number of arrays have been created.	259
CMUN02081E <i>SOURCE</i> Unable to create rank: The maximum number of ranks has been created.	259
CMUN02082E <i>SOURCE</i> Unable to repair array. Contact IBM technical support for assistance.	259
CMUN02083E <i>SOURCE</i> Extent pool operation failure. Contact IBM technical support for assistance.	260
CMUN02084E <i>SOURCE</i> Unable to delete extent pool. Contact IBM technical support for assistance.	260
CMUN02085E <i>SOURCE</i> Unable to delete extent pool. Contact IBM technical support for assistance.	260
CMUN02086E <i>SOURCE</i> Unable to delete logical volume. Contact IBM technical support for assistance.	260
CMUN02087E <i>SOURCE</i> Unable to query rank. Contact IBM technical support for assistance.	260
CMUN02088E <i>SOURCE</i> Unable to query rank. Contact IBM technical support for assistance.	261
CMUN02089E <i>SOURCE</i> Failed to initialize LPAR. Contact IBM technical support for assistance.	261
CMUN02090E <i>SOURCE</i> LPAR startup error. Contact IBM technical support for assistance.	261

CMUN02091E <i>SOURCE</i> Failed to initialize LPAR. Contact IBM technical support for assistance.	261
CMUN02092E <i>SOURCE</i> Rank creation cannot complete. Contact IBM technical support for assistance.	262
CMUN02093E <i>SOURCE</i> Unable to create logical volume. Contact IBM technical support for assistance.	262
CMUN02094E <i>SOURCE</i> Failed to initialize LPAR. Contact IBM technical support for assistance.	262
CMUN02095E <i>SOURCE</i> Unable to create logical volume	262
CMUN02096E <i>SOURCE</i> Unable to create logical volume	262
CMUN02097E <i>SOURCE</i> Unable to query rank. Contact IBM technical support for assistance.	263
CMUN02098E <i>SOURCE</i> Unable to create logical volume. Contact IBM technical support for assistance.	263
CMUN02099E <i>SOURCE</i> Unable to create volume group. Contact IBM technical support for assistance.	263
CMUN02100E <i>SOURCE</i> Volume group operation failure. Contact IBM technical support for assistance.	263
CMUN02101E <i>SOURCE</i> Unable to query volume group. Contact IBM technical support for assistance.	264
CMUN02102E <i>SOURCE</i> Unable to delete logical volume. Contact IBM technical support for assistance.	264
CMUN02103E <i>SOURCE</i> Unable to assign volumes to volume group. Contact IBM technical support for assistance.	264
CMUN02104E <i>SOURCE</i> Unable to assign volume to volume group. Contact IBM technical support for assistance.	264
CMUN02105E <i>SOURCE</i> Unable to retrieve volumes assigned to volume group. Contact IBM technical support for assistance.	264
CMUN02106E <i>SOURCE</i> Unable to retrieve volumes assigned to volume group. Contact IBM technical support for assistance.	265
CMUN02107E <i>SOURCE</i> Unable to delete volume group. Contact IBM technical support for assistance.	265
CMUN02108E <i>SOURCE</i> Unable to modify volume group	265
CMUN02109E <i>SOURCE</i> Unable to modify SCSI host port. Contact IBM technical support for assistance.	265
CMUN02110E <i>SOURCE</i> Unable to modify SCSI host port: invalid address discovery method	265
CMUN02111E <i>SOURCE</i> Unable to modify SCSI host port: invalid volume group type	266
CMUN02112E <i>SOURCE</i> Unable to modify SCSI host port: invalid volume group ID	266
CMUN02113E <i>SOURCE</i> Unable to modify SCSI host port: logical block size and volume group type mismatch	266

CMUN02114E *SOURCE* Unable to modify SCSI host port: invalid logical block size 266

CMUN02115E *SOURCE* Unable to modify SCSI host port: logical block size and volume group type mismatch 267

CMUN02116E *SOURCE* Unable to modify SCSI host port: invalid port mask 267

CMUN02117E *SOURCE* Unable to modify SCSI host port: invalid override default priority value . 267

CMUN02118E *SOURCE* Unable to modify SCSI host port: invalid port profile 267

CMUN02119E *SOURCE* Unable to modify SCSI host port: invalid port topology 268

CMUN02120E *SOURCE* Unable to modify SCSI host port: address discovery method and volume group type mismatch 268

CMUN02121E *SOURCE* Unable to modify SCSI host port: address discovery method and volume group type mismatch 268

CMUN02122E *SOURCE* Unable to modify SCSI host port: invalid value 268

CMUN02123E *SOURCE* Unable to modify SCSI host port: nonexistent volume group 269

CMUN02124E *SOURCE* Unable to modify SCSI host port. Contact IBM technical support for assistance. 269

CMUN02125E *SOURCE* Unable to start or end service. Contact IBM technical support for assistance. 269

CMUN02126E *SOURCE* Unable to repair array. Contact IBM technical support for assistance. . 269

CMUN02127E *SOURCE* Unable to modify volume group. Contact IBM technical support for assistance. 269

CMUN02128E *SOURCE* Unable to open a session to query a logical volume. Contact IBM technical support for assistance. 270

CMUN02129E *SOURCE* Unable to open a session. Contact IBM technical support for assistance. . 270

CMUN02130E *SOURCE* Unable to open a session. Contact IBM technical support for assistance. . 270

CMUN02131E *SOURCE* Internal database overwrite failure: The database exists and overwrite is off. Contact IBM technical support for assistance. 270

CMUN02132E *SOURCE* Rank creation cannot complete. Contact IBM technical support for assistance. 271

CMUN02133E *SOURCE* Extent pool operation failure 271

CMUN02134E *SOURCE* Rank operation failure. Contact IBM technical support for assistance. . 271

CMUN02135E *SOURCE* Volume group query failure. Contact IBM technical support for assistance. 271

CMUN02136E *SOURCE* Unable to query volume groups: invalid volume number 271

CMUN02137E *SOURCE* Unable to assign rank to extent pool: type mismatch 272

CMUN02138E *SOURCE* Unable to create rank. Contact IBM technical support for assistance. . 272

CMUN02139E *SOURCE* Unable to create rank. Contact IBM technical support for assistance. . 272

CMUN02140E *SOURCE* Unable to create rank. Contact IBM technical support for assistance. . 272

CMUN02141E *SOURCE* The creation of the rank did not complete due to a device adapter failure. 273

CMUN02142E *SOURCE* Rank creation did not complete. Contact IBM technical support for assistance. 273

CMUN02143E *SOURCE* Unable to create rank. Contact IBM technical support for assistance. . 273

CMUN02144E *SOURCE* Rank creation has failed while collecting resource information. . . . 273

CMUN02145E *SOURCE* Unable to create rank. Contact IBM technical support for assistance. . 274

CMUN02146E *SOURCE* Rank creation failure: server unavailable. Contact IBM technical support for assistance. 274

CMUN02147E *SOURCE* Unable to repair array. Contact IBM technical support for assistance. . 274

CMUN02148E *SOURCE* Unable to repair array. Contact IBM technical support for assistance. . 274

CMUN02149E *SOURCE* Unable to repair array. Contact IBM technical support for assistance. . 274

CMUN02150E *SOURCE* Unable to delete rank. Contact IBM technical support for assistance. . 275

CMUN02151E *SOURCE* Unable to delete rank. Contact IBM technical support for assistance. . 275

CMUN02152E *SOURCE* Rank operation failure. Contact IBM technical support for assistance. . 275

CMUN02153E *SOURCE* Rank operation failure. Contact IBM technical support for assistance. . 275

CMUN02154E *SOURCE* Rank operation failure. Contact IBM technical support for assistance. . 276

CMUN02155E *SOURCE* Rank operation failure: device adapter error 276

CMUN02156E *SOURCE* Unable to reconfigure rank. Contact IBM technical support for assistance. 276

CMUN02157E *SOURCE* Unable to reconfigure rank. Contact IBM technical support for assistance. 276

CMUN02158E *SOURCE* Unable to reconfigure rank: server offline 276

CMUN02159E *SOURCE* Rank reconfiguration failure: The rank is flagged to be serviced. . 277

CMUN02160E *SOURCE* Unable to reconfigure rank. Contact IBM technical support for assistance. 277

CMUN02161E *SOURCE* Unable to release rank. Contact IBM technical support for assistance. . 277

CMUN02162E *SOURCE* Unable to reserve rank. Contact IBM technical support for assistance. . 277

CMUN02163E *SOURCE* Rank operation failure. Contact IBM technical support for assistance. . 278

CMUN02164E *SOURCE* Rank operation failure. Contact IBM technical support for assistance. . 278

CMUN02165E *SOURCE* Unable to unassign rank. Contact IBM technical support for assistance. . 278

CMUN02166E <i>SOURCE</i> Unable to reconfigure rank: The rank remains in the failed state. Contact IBM technical support for assistance.	278
CMUN02167E <i>SOURCE</i> Unable to release rank	278
CMUN02168E <i>SOURCE</i> Unable to assign volumes to volume group	279
CMUN02169E <i>SOURCE</i> Unable to assign volume to volume group. Contact IBM technical support for assistance.	279
CMUN02170E <i>SOURCE</i> Unable to assign volume to volume group. Contact IBM technical support for assistance.	279
CMUN02171E <i>SOURCE</i> Unable to assign volumes to volume group. Contact IBM technical support for assistance.	279
CMUN02172E <i>SOURCE</i> Unable to assign volume to volume group	279
CMUN02173E <i>SOURCE</i> Unable to assign volume to volume group: data type mismatch	280
CMUN02174E <i>SOURCE</i> Unable to assign volume to volume group. Contact IBM technical support for assistance.	280
CMUN02175E <i>SOURCE</i> Unable to assign volume to volume group. Contact IBM technical support for assistance.	280
CMUN02176E <i>SOURCE</i> Unable to assign volume to volume group. Contact IBM technical support for assistance.	280
CMUN02177E <i>SOURCE</i> Unable to assign volume to volume group	281
CMUN02178E <i>SOURCE</i> Unable to reset Copy Services settings on logical subsystems. Contact IBM technical support for assistance.	281
CMUN02179E <i>SOURCE</i> Unable to reset Copy Services settings on logical subsystem. Contact IBM technical support for assistance.	281
CMUN02180E <i>SOURCE</i> Unable to reserve rank	281
CMUN02181E <i>SOURCE</i> Unable to modify SCSI host port. Contact IBM technical support for assistance.	281
CMUN02182E <i>SOURCE</i> Unable to modify SCSI host port. Contact IBM technical support for assistance.	282
CMUN02183E <i>SOURCE</i> Unable to modify SCSI host port. Contact IBM technical support for assistance.	282
CMUN02184E <i>SOURCE</i> Unable to modify SCSI host port. Contact IBM technical support for assistance.	282
CMUN02185E <i>SOURCE</i> Unable to retrieve volumes assigned to the volume group. Contact IBM technical support for assistance.	282
CMUN02186E <i>SOURCE</i> Unable to retrieve volumes assigned to volume group. Contact IBM technical support for assistance.	282
CMUN02187E <i>SOURCE</i> Unable to retrieve volumes assigned to the volume group: no ranks exist	283
CMUN02188E <i>SOURCE</i> Unable to retrieve volumes assigned to volume group. Contact IBM technical support for assistance.	283

CMUN02189E <i>SOURCE</i> Unable to retrieve volumes assigned to volume group. Contact IBM technical support for assistance.	283
CMUN02190E <i>SOURCE</i> Unable to assign volume to volume group	283
CMUN02191E <i>SOURCE</i> Unable to modify volume group. Contact IBM technical support for assistance.	284
CMUN02192E <i>SOURCE</i> Unable to query rank. Contact IBM technical support for assistance.	284
CMUN02193E <i>SOURCE</i> Operation failure. Contact IBM technical support for assistance.	284
CMUN02194E <i>SOURCE</i> Unable to create SCSI host port: invalid port profile	284
CMUN02195E <i>SOURCE</i> Operation failure. Contact IBM technical support for assistance.	284
CMUN02196E <i>SOURCE</i> SCSI host port operation failure. Contact IBM technical support for assistance.	285
CMUN02197E <i>SOURCE</i> Unable to modify SCSI host port: invalid port profile	285
CMUN02198E <i>SOURCE</i> Unable to create, modify, or delete SCSI host port: local server offline.	285
CMUN02199E <i>SOURCE</i> Unable to repair array. Contact IBM technical support for assistance.	285
CMUN02200E <i>SOURCE</i> Unable to query volume groups. Contact IBM technical support for assistance.	286
CMUN02201E <i>SOURCE</i> Unable to assign volumes to volume group. Contact IBM technical support for assistance.	286
CMUN02202E <i>SOURCE</i> Unable to assign volumes to volume group. Contact IBM technical support for assistance.	286
CMUN02203E <i>SOURCE</i> Unable to create, modify, or delete volume group: version update. Contact IBM technical support for assistance.	286
CMUN02204E <i>SOURCE</i> Volume group query failure. Contact IBM technical support for assistance.	286
CMUN02205E <i>SOURCE</i> Rank operation failure. Contact IBM technical support for assistance.	287
CMUN02206E <i>SOURCE</i> Unable to unassign rank	287
CMUN02207E <i>SOURCE</i> Unable to unassign rank. Contact IBM technical support for assistance.	287
CMUN02208E <i>SOURCE</i> Unable to unassign rank: Extents are allocated to logical volumes.	287
CMUN02209E <i>SOURCE</i> Unable to delete SCSI host port. Contact IBM technical support for assistance.	288
CMUN02210E <i>SOURCE</i> Unable to delete SCSI host port. Contact IBM technical support for assistance.	288
CMUN02211E <i>SOURCE</i> Unable to delete volume group. Contact IBM technical support for assistance.	288
CMUN02212E <i>SOURCE</i> Unable to delete volume group: The volume group is still assigned to a SCSI host port.	288

CMUN02213E <i>SOURCE</i> Unable to delete volume group. Contact IBM technical support for assistance.	288
CMUN02214E <i>SOURCE</i> Unable to delete volume group	289
CMUN02215E <i>SOURCE</i> Unable to retrieve volume group information. Contact IBM technical support for assistance.	289
CMUN02216E <i>SOURCE</i> Unable to modify volume group. Contact IBM technical support for assistance.	289
CMUN02217E <i>SOURCE</i> Operation failure. Contact IBM technical support for assistance.	289
CMUN02218E <i>SOURCE</i> Operation failure. Contact IBM technical support for assistance.	289
CMUN02219E <i>SOURCE</i> Unable to create or delete volume group: local server offline	290
CMUN02220E <i>SOURCE</i> Unable to retrieve or assign volumes assigned to volume group: local server offline	290
CMUN02221E <i>SOURCE</i> Unable to retrieve or assign volumes assigned to volume group: local server offline	290
CMUN02222E <i>SOURCE</i> Operation failure. No ranks exist. Contact IBM technical support for assistance.	290
CMUN02223E <i>SOURCE</i> Unable to repair array. Contact IBM technical support for assistance.	291
CMUN02224E <i>SOURCE</i> Unable to create volume group: invalid volume group type	291
CMUN02225E <i>SOURCE</i> Unable to assign rank to extent pool. Contact IBM technical support for assistance.	291
CMUN02226E <i>SOURCE</i> Unable to end service: Management console is not authorized. Contact IBM technical support for assistance.	291
CMUN02227E <i>SOURCE</i> Unable to create logical volume: The data type of the logical volume is incompatible with the extent type of its extent pool.	292
CMUN02228E <i>SOURCE</i> Rank creation cannot complete.	292
CMUN02229E <i>SOURCE</i> Unable to create logical volume: Data type is incompatible with data type of other volumes in address group.	292
CMUN02230E <i>SOURCE</i> Rank definition failure: extent type mismatch	292
CMUN02231E <i>SOURCE</i> Unable to create logical volume: rank group and logical subsystem group mismatch	293
CMUN02232E <i>SOURCE</i> Unable to create logical subsystem: device type mismatch	293
CMUN02233E <i>SOURCE</i> Logical volume operation failure: inconsistent starting and ending logical volume numbers	293
CMUN02234E <i>SOURCE</i> Unable to create logical subsystem: device type format error	293
CMUN02235E <i>SOURCE</i> Unable to create or modify logical subsystem: invalid format	294
CMUN02236E <i>SOURCE</i> Unable to create or modify logical subsystem: invalid format	294

CMUN02237E <i>SOURCE</i> Unable to create array: The RAID type is neither RAID5 nor RAID10.	294
CMUN02238E <i>SOURCE</i> Unable to create or modify logical volume: invalid number	294
CMUN02239E <i>SOURCE</i> Unable to create or modify logical volume: invalid volume number	295
CMUN02240E <i>SOURCE</i> Unable to create logical volume: invalid volume type	295
CMUN02241E <i>SOURCE</i> Service intent is not currently set. Reset ignored. Contact IBM technical support for assistance.	295
CMUN02242E <i>SOURCE</i> Unable to create rank: Array is not unassigned.	295
CMUN02243E <i>SOURCE</i> Unable to create or modify logical subsystem	295
CMUN02244E <i>SOURCE</i> Logical volume operation failure: invalid data type. Contact IBM technical support for assistance.	296
CMUN02245E <i>SOURCE</i> Unable to create extent pool: invalid extent limit enabled value	296
CMUN02246E <i>SOURCE</i> Unable to create extent pool: invalid extent limit	296
CMUN02247E <i>SOURCE</i> Unable to create extent pool: invalid extent threshold	296
CMUN02248E <i>SOURCE</i> Unable to modify extent pool: invalid extent threshold	297
CMUN02249E <i>SOURCE</i> Unable to create extent pool: invalid extent type	297
CMUN02250E <i>SOURCE</i> Unable to create or modify extent pool: invalid user name	297
CMUN02251E <i>SOURCE</i> Unable to modify extent pool: invalid extent limit enabled value	297
CMUN02252E <i>SOURCE</i> Unable to modify extent pool: invalid extent limit	297
CMUN02253E <i>SOURCE</i> Unable to start or end service: invalid management console ID. Contact IBM technical support for assistance.	298
CMUN02254E <i>SOURCE</i> Unable to create or modify logical volume: invalid user name	298
CMUN02255E <i>SOURCE</i> Unable to create or modify logical subsystem: invalid logical subsystem identifier format	298
CMUN02256E <i>SOURCE</i> Unable to create or modify logical subsystem: invalid logical subsystem identifier length	298
CMUN02257E <i>SOURCE</i> Logical subsystem query failure: invalid LSS ID	299
CMUN02258E <i>SOURCE</i> Unable to delete extent pool: ranks are assigned	299
CMUN02259E <i>SOURCE</i> Unable to start or end service: invalid parameters. Contact IBM technical support for assistance.	299
CMUN02260E <i>SOURCE</i> Operation failure: invalid RAID type or number of spares. Contact IBM technical support for assistance.	299
CMUN02261E <i>SOURCE</i> Unable to create extent pool: invalid rank group	299
CMUN02262E <i>SOURCE</i> Unable to create volumes: invalid volume type	300
CMUN02263E <i>SOURCE</i> Unable to create or delete extent pool: local server offline	300

CMUN02264E <i>SOURCE</i> Unable to end service: lock still held by other management console	300
CMUN02265E <i>SOURCE</i> Logical volume operation failure: not supported	301
CMUN02266E <i>SOURCE</i> Unable to modify logical subsystem: not a CKD volume	301
CMUN02267E <i>SOURCE</i> Unable to create or modify logical subsystem: identifier already in use	301
CMUN02268E <i>SOURCE</i> Unable to create or modify logical subsystem: identifier must be nonzero	301
CMUN02269E <i>SOURCE</i> Unable to modify logical subsystem: identifier only for CKD	302
CMUN02270E <i>SOURCE</i> Unable to create a new SCSI host port: maximum count reached	302
CMUN02271E <i>SOURCE</i> Unable to create SCSI host port. Contact IBM technical support for assistance.	302
CMUN02272E <i>SOURCE</i> SCSI host port operation failure. Contact IBM technical support for assistance.	302
CMUN02273E <i>SOURCE</i> Unable to modify SCSI host port. Contact IBM technical support for assistance.	303
CMUN02274E <i>SOURCE</i> Unable to delete SCSI host port. Contact IBM technical support for assistance.	303
CMUN02275E <i>SOURCE</i> Unable to create logical volume: volume type and data type mismatch	303
CMUN02276E <i>SOURCE</i> Unable to delete rank. Contact IBM technical support for assistance.	303
CMUN02277E <i>SOURCE</i> Alias volume creation failure: no logical subsystem exists	303
CMUN02278E <i>SOURCE</i> Operation failure: name is not unique	304
CMUN02279E <i>SOURCE</i> Operation failure: unknown storage unit	304
CMUN02280E <i>SOURCE</i> Unable to assign rank to extent pool: The extent pool does not exist.	304
CMUN02281E <i>SOURCE</i> Rank operation failure. Contact IBM technical support for assistance.	304
CMUN02282E <i>SOURCE</i> Unable to create CKD logical volume: CKD volumes require a CKD logical subsystem.	305
CMUN02283E <i>SOURCE</i> Unable to create CKD alias logical volume: no base volume exists.	305
CMUN02284E <i>SOURCE</i> Logical subsystem operation failure: logical subsystem does not exist.	305
CMUN02285E <i>SOURCE</i> Unable to create rank: array does not exist.	305
CMUN02286E <i>SOURCE</i> Rank operation failure: extent pool does not exist.	306
CMUN02287E <i>SOURCE</i> Rank operation failure: rank does not exist.	306
CMUN02288E <i>SOURCE</i> Rank operation failure: rank does not exist.	306
CMUN02289E <i>SOURCE</i> Rank operation failure: rank does not exist.	306
CMUN02290E <i>SOURCE</i> Unable to create logical volume: extent pool does not exist.	306

CMUN02291E <i>SOURCE</i> Unable to start service: device adapter pair is configuring.	307
CMUN02292E <i>SOURCE</i> XML parse error. Contact IBM technical support for assistance.	307
CMUN02293E <i>SOURCE</i> Operation failure. Contact IBM technical support for assistance.	307
CMUN02294E <i>SOURCE</i> Unable to delete logical volume. Contact IBM technical support for assistance.	307
CMUN02295E <i>SOURCE</i> Unable to delete logical volume. Contact IBM technical support for assistance.	308
CMUN02296E <i>SOURCE</i> Unable to delete logical volume.	308
CMUN02297E <i>SOURCE</i> Unable to create logical volume: FB volumes must have a data type.	308
CMUN02298E <i>SOURCE</i> Unable to create logical volume: FB volumes must have an extent pool.	308
CMUN02299E <i>SOURCE</i> Unable to create logical volume: FB volumes must have a requested capacity.	309
CMUN02300E <i>SOURCE</i> Rank operation failure. Contact IBM technical support for assistance.	309
CMUN02301E <i>SOURCE</i> Rank operation failure. Contact IBM technical support for assistance.	309
CMUN02302E <i>SOURCE</i> Rank operation failure. Contact IBM technical support for assistance.	309
CMUN02303E <i>SOURCE</i> Rank operation failure. Contact IBM technical support for assistance.	309
CMUN02304E <i>SOURCE</i> Unable to create array: memory allocation error. Contact IBM technical support for assistance.	310
CMUN02305E <i>SOURCE</i> Operation failure: SCSI host port already exists.	310
CMUN02306E <i>SOURCE</i> Unable to create, modify, or delete logical volume: service intent is set on extent pool.	310
CMUN02307E <i>SOURCE</i> Unable to create logical volume	310
CMUN02308E <i>SOURCE</i> Query failure: logical subsystem does not exist.	311
CMUN02309E <i>SOURCE</i> Unable to modify logical volume: volume type and data type mismatch	311
CMUN02310E <i>SOURCE</i> Unable to add logical volume to the logical subsystem (LSS).	311
CMUN02311E <i>SOURCE</i> Unable to create logical subsystem. Contact IBM technical support for assistance.	311
CMUN02312E <i>SOURCE</i> Unable to delete logical subsystem. Contact IBM technical support for assistance.	311
CMUN02313E <i>SOURCE</i> Unable to delete logical subsystem. Contact IBM technical support for assistance.	312
CMUN02314E <i>SOURCE</i> Unable to modify logical volume. Contact IBM technical support for assistance.	312
CMUN02315E <i>SOURCE</i> Unable to modify logical subsystem. Contact IBM technical support for assistance.	312

CMUN02316E *SOURCE* Logical subsystem query failure. Contact IBM technical support for assistance. 312

CMUN02317E *SOURCE* Unable to delete CKD base logical volume: alias assigned 313

CMUN02318E *SOURCE* Unable to create rank: Too many arrays are specified. 313

CMUN02319E *SOURCE* Unable to repair array. Contact IBM technical support for assistance. . 313

CMUN02320E *SOURCE* Unable to create rank: Service intent is set on the array. 313

CMUN02321E *SOURCE* Unable to repair array: Service intent is set. 313

CMUN02322E *SOURCE* Unable to repair array: Service intent is set. 314

CMUN02323E *SOURCE* Unable to assign rank to extent pool: Service intent is set on the storage complex. 314

CMUN02324E *SOURCE* Unable to assign rank to extent pool: Service intent is set. 314

CMUN02325E *SOURCE* Unable to create rank: not in dual server mode 314

CMUN02326E *SOURCE* Unable to release rank: Service intent is set. 315

CMUN02327E *SOURCE* Unable to reserve rank: Service intent is set. 315

CMUN02328E *SOURCE* Unable to unassign rank: Service intent is set. 315

CMUN02329E *SOURCE* Unable to delete rank: not in dual server mode 315

CMUN02330E *SOURCE* Unable to repair array: Service intent is set. 315

CMUN02331E *SOURCE* Unable to delete rank . 316

CMUN02332E *SOURCE* Unable to delete rank. Contact IBM technical support for assistance. . 316

CMUN02333E *SOURCE* Unable to delete rank: Service intent is set. 316

CMUN02334E *SOURCE* Unable to unfence volume through rank: Service intent is set. 316

CMUN02335E *SOURCE* Unable to create volumes: volume type must be specified 317

CMUN02336E *SOURCE* Unable to rebuild array. Contact IBM technical support for assistance. . 317

CMUN02337E *SOURCE* Unable to create or modify logical volume: CKD base logical volume does not exist. 317

CMUN02338E *SOURCE* Delete SCSI host port operation stopped. Previous attempt failed. Contact IBM technical support for assistance. . 318

CMUN02339E *SOURCE* Delete volume group operation stopped. Previous attempt failed. Contact IBM technical support for assistance. . 318

CMUN02340E *SOURCE* Array site operation failure: The array site is used in another array. 318

CMUN02341E *SOURCE* Logical subsystem configuration error. Contact IBM technical support for assistance. 318

CMUN02342E *SOURCE* Unable to delete last rank. Logical subsystem exists. 319

CMUN02343E *SOURCE* Unable to create logical subsystem: local server offline 319

CMUN02344E *SOURCE* Unable to delete logical subsystem: local server offline 319

CMUN02345E *SOURCE* Unable to create logical volume: local server offline 319

CMUN02346E *SOURCE* Unable to create logical volume: logical subsystem not in correct state. Contact IBM technical support for assistance. 320

CMUN02347E *SOURCE* Unable to delete logical volume: local server offline 320

CMUN02348E *SOURCE* Operation failure: logical subsystem not in correct state. Contact IBM technical support for assistance. 320

CMUN02349E *SOURCE* Unable to modify logical volume: incorrect state. Contact IBM technical support for assistance. 320

CMUN02350E *SOURCE* Logical volume operation failure: incorrect state. Contact IBM technical support for assistance. 321

CMUN02351E *SOURCE* Logical volume operation failure: Base volume is in incorrect state. . 321

CMUN02352E *SOURCE* Operation failure. Contact IBM technical support for assistance. 321

CMUN02353E *SOURCE* Operation failure. Contact IBM technical support for assistance. 321

CMUN02354E *SOURCE* Operation failure. Contact IBM technical support for assistance. 321

CMUN02355E *SOURCE* Unable to delete SCSI host port. Contact IBM technical support for assistance. 322

CMUN02356E *SOURCE* Unable to create SCSI host port: invalid user host description 322

CMUN02357E *SOURCE* Unable to create SCSI host port: invalid user host name 322

CMUN02358E *SOURCE* Unable to modify SCSI host port: invalid user host description 322

CMUN02359E *SOURCE* Unable to modify SCSI host port: invalid user host name 323

CMUN02360E *SOURCE* Unable to add logical volume to volume group: invalid parameter . 323

CMUN02361E *SOURCE* Unable to modify volume group: invalid user name 323

CMUN02362E *SOURCE* Unable to query volume groups: incorrect volume configuration. Contact IBM technical support for assistance. . 323

CMUN02363E *SOURCE* Unable to query volume groups: invalid parameter. Contact IBM technical support for assistance. 323

CMUN02364E *SOURCE* Unable to query volume groups: volume does not exist. Contact IBM technical support for assistance. 324

CMUN02365E *SOURCE* Unable to remove logical volume from volume group: invalid parameter. Contact IBM technical support for assistance. . 324

CMUN02366E *SOURCE* Volume group operation failure: local server offline 324

CMUN02367E *SOURCE* Volume group operation failure: incorrect volume configuration. Contact IBM technical support for assistance. . 324

CMUN02368E <i>SOURCE</i> Volume group operation failure: volume does not exist. Contact IBM technical support for assistance.	325
CMUN02369E <i>SOURCE</i> Volume group operation failure. Contact IBM technical support for assistance.	325
CMUN02370E <i>SOURCE</i> Volume group operation failure: incorrect volume configuration. Contact IBM technical support for assistance.	325
CMUN02371E <i>SOURCE</i> Volume group operation failure: invalid parameter. Contact IBM technical support for assistance.	325
CMUN02372E <i>SOURCE</i> Volume group operation failure: volume does not exist. Contact IBM technical support for assistance.	325
CMUN02373E <i>SOURCE</i> Volume group operation failure: invalid parameter. Contact IBM technical support for assistance.	326
CMUN02374E <i>SOURCE</i> Unable to delete volume group. Contact IBM technical support for assistance.	326
CMUN02375E <i>SOURCE</i> Volume group operation failure. Contact IBM technical support for assistance.	326
CMUN02376E <i>SOURCE</i> Unable to modify logical volume: invalid data type	326
CMUN02377E <i>SOURCE</i> Error: inconsistent alias and base logical volume numbers	327
CMUN02378E <i>SOURCE</i> Error: A volume of this type cannot have an alias volume group.	327
CMUN02379E <i>SOURCE</i> Error: A volume of this type cannot have a base logical volume number..	327
CMUN02380E <i>SOURCE</i> Unable to create array. Array sites must be in the same loop.	327
CMUN02381E <i>SOURCE</i> Unable to repair array. Contact IBM technical support for assistance.	328
CMUN02382E <i>SOURCE</i> Unable to repair array. Contact IBM technical support for assistance.	328
CMUN02383E <i>SOURCE</i> Unable to create, delete, or modify logical subsystem resources. Resource manager unavailable on alternate server. Contact IBM technical support for assistance.	328
CMUN02384E <i>SOURCE</i> Operation failure: invalid file type. Contact IBM technical support for assistance.	328
CMUN02385E <i>SOURCE</i> Unable to modify network port: The specified IP address is invalid. Contact IBM technical support for assistance.	328
CMUN02386E <i>SOURCE</i> Unable to modify network port: The specified network is invalid. Contact IBM technical support for assistance.	329
CMUN02387E <i>SOURCE</i> Unable to create array. At least one and no more than two array sites must be specified.	329
CMUN02388E <i>REFERENCE</i> Invalid logical volume size. See the help text for this message for valid sizes.	329
CMUN02389E <i>SOURCE</i> Unable to create volume. Not enough extents are available.	344

CMUN02390E <i>SOURCE</i> Unable to complete creation of the volume. Extents are currently being formatted and will be available at a later time. The volume configuration state is "Configuration Error". You must remove the volume.	344
CMUN02391E <i>SOURCE</i> Unable to delete CKD base volume. Unable to delete or reassign aliases.	345
CMUN02392E <i>SOURCE</i> Invalid alias volume group	345
CMUN02393E <i>SOURCE</i> Unable to create or modify CKD alias volume. The base and alias volumes belong to different logical subsystems.	345
CMUN02394E <i>SOURCE</i> Unable to create or modify CKD alias volume. The maximum number of aliases is already assigned to the base volume.	345
CMUN02395E <i>SOURCE</i> Unable to create or modify CKD alias volume. The base volume and alias volume are not in the same volume group.	346
CMUN02396E <i>SOURCE</i> You must enter contact information before you can invoke the Call Home function.	346
CMUN02397E <i>SOURCE</i> Unable to delete volume: The volume does not exist.	346
CMUN02398E <i>SOURCE</i> Unable to create array. All array sites must be in the same loop.	346
CMUN02399E <i>SOURCE</i> Unable to create array. A RAID5 array can have only one spare.	347
CMUN02400E <i>SOURCE</i> Unable to create logical subsystem: invalid address group	347
CMUN02401E <i>SOURCE</i> Unable to create logical subsystem: microcode-level error. Contact IBM technical support for assistance.	347
CMUN02402E <i>SOURCE</i> Unable to create rank: failed disk drives detected	347
CMUN02403E <i>SOURCE</i> Unable to create rank: licensed capacity has been exceeded.	348
CMUN02404E <i>SOURCE</i> Unable to create rank: maximum number of ranks already created	348
CMUN02405E <i>SOURCE</i> Unable to delete last rank: A volume group is still defined.	348
CMUN02406E <i>SOURCE</i> Internal logical configuration error: Collect a PE package.	348
CMUN02407E <i>SOURCE</i> Array operation failure: Resource Manager not available on alternate server. Contact IBM technical support for assistance.	349
CMUN02408E <i>SOURCE</i> Array creation failure: Too many array sites specified.	349
CMUN02409E <i>SOURCE</i> Rank operation failure: Resource Manager not available on alternate server. Contact IBM technical support for assistance.	349
CMUN02410E <i>SOURCE</i> Extent pool operation failure: Resource Manager not available on alternate server. Contact IBM technical support for assistance.	349
CMUN02411E <i>SOURCE</i> Logical volume operation failure: Resource Manager not available on alternate server. Contact IBM technical support for assistance.	350

CMUN02412E <i>SOURCE</i> Volume group operation failure: Host agent Resource Manager not available on alternate server. Contact IBM technical support for assistance.	350
CMUN02413E <i>SOURCE</i> SCSI host port operation failure: Host agent Resource Manager not available on alternate server. Contact IBM technical support for assistance.	350
CMUN02414E <i>SOURCE</i> Unable to create SCSI host port. A colon ":" cannot be used when specifying a SCSI host port.	350
CMUN02415E <i>SOURCE</i> Unable to modify SCSI host port. A colon ":" cannot be used when specifying a SCSI host port.	351
CMUN02416E <i>SOURCE</i> Rank repair operation failure. Contact IBM technical support for assistance.	351
CMUN02417E <i>SOURCE</i> Rank repair operation failure. Contact IBM technical support for assistance.	351
CMUN02418E <i>SOURCE</i> Rank repair operation failure: At least one array must be in assigned status. Contact IBM technical support for assistance.	351
CMUN02419E <i>SOURCE</i> Rank repair operation failure: Service intent flag is set. Contact IBM technical support for assistance.	351
CMUN02420E <i>SOURCE</i> Rank repair operation failure. Contact IBM technical support for assistance.	352
CMUN02421E <i>SOURCE</i> Rank repair operation failure: Unable to establish array site communication session. Contact IBM technical support for assistance.	352
CMUN02422E <i>SOURCE</i> Rank repair operation failure: Unable to retrieve adapter name. Contact IBM technical support for assistance.	352
CMUN02423E <i>SOURCE</i> Rank repair operation failure: device adapter error. Contact IBM technical support for assistance.	352
CMUN02424E <i>SOURCE</i> Rank repair operation failure: Multiple ranks exist or the rank is still accessible. Contact IBM technical support for assistance.	353
CMUN02425E <i>SOURCE</i> Rank repair operation failure: Unable to delete RAID array. Contact IBM technical support for assistance.	353
CMUN02426E <i>SOURCE</i> Rank repair operation failure: Unable to retrieve serial number. Contact IBM technical support for assistance.	353
CMUN02427E <i>SOURCE</i> Internal logical configuration error: Another configuration is in progress.	353
CMUN02428E <i>SOURCE</i> Unable to create rank. Disks are being formatted.	354
CMUN02429E <i>SOURCE</i> A recovery is in progress. Logical configuration commands are blocked.	354
CMUN02430E <i>SOURCE</i> Invalid configuration: The base and alias/map volumes must be in the same volume group.	354

CMUN02431E <i>SOURCE</i> Invalid configuration: A volume group cannot contain unconfigured logical volumes.	354
CMUN02432E <i>SOURCE</i> Invalid configuration: volume group and volume type mismatch	355
CMUN02433E <i>SOURCE</i> Invalid configuration: 512-byte fixed-block volumes must share data.	355
CMUN02434E <i>SOURCE</i> Invalid configuration: volume group and volume type mismatch	355
CMUN02435E <i>SOURCE</i> Invalid configuration: volume group and volume type mismatch	355
CMUN02436E <i>SOURCE</i> Invalid configuration: volume group and volume type mismatch	356
CMUN02437E <i>SOURCE</i> Invalid configuration: CKD base logical volumes must share data.	356
CMUN02438E <i>SOURCE</i> Invalid configuration: volume group and volume type mismatch	356
CMUN02439E <i>SOURCE</i> Unable to create rank. At least one DDM in the array that you specified requires a service procedure.	356
CMUN02440E <i>SOURCE</i> Unable to create rank. The array site does not contain a full complement of DDMs.	357
CMUN02441E <i>SOURCE</i> Unable to delete last rank: A SCSI host port is attached to the rank.	357
CMUN02442E <i>SOURCE</i> Unable to create volume.	357
CMUN02443E <i>SOURCE</i> Unable to create volume.	357
CMUN02444E <i>SOURCE</i> Unable to repair rank. Disk drive modules not found.	358
CMUN02445E <i>SOURCE</i> Unable to bring rank online. Device adapter error. Contact IBM technical support for assistance.	358
CMUN02446E <i>SOURCE</i> Unable to repair rank. One or more disk drive modules is not reporting normal status.	358
CMUN02447E <i>SOURCE</i> Unable to repair rank. Contact IBM technical support for assistance.	358
CMUN02448E <i>SOURCE</i> Feature install activation failure. Contact IBM technical support for assistance.	359
CMUN02449E <i>SOURCE</i> Feature install activation failure. Contact IBM technical support for assistance.	359
CMUN02450E <i>SOURCE</i> Feature install activation failure. Contact IBM technical support for assistance.	359
CMUN02451E <i>SOURCE</i> Feature install activation failure. Contact IBM technical support for assistance.	359
CMUN02452E <i>SOURCE</i> Feature install activation failure. Contact IBM technical support for assistance.	360
CMUN02453E <i>SOURCE</i> Feature install activation failure. Contact IBM technical support for assistance.	360
CMUN02454E <i>SOURCE</i> Feature install activation failure. Contact IBM technical support for assistance.	360
CMUN02455E <i>SOURCE</i> Feature install activation failure: Unable to decrypt license key.	360

CMUN02456E <i>SOURCE</i> Feature install activation failure. Contact IBM technical support for assistance.	361
CMUN02457E <i>SOURCE</i> Feature install activation failure. Contact IBM technical support for assistance.	361
CMUN02458E <i>SOURCE</i> Feature key validation failure: key type does not match storage type .	361
CMUN02459E <i>SOURCE</i> Unable to modify network port. The IP addresses of the two clusters cannot be identical.	361
CMUN02460E <i>SOURCE</i> Unable to modify network port. Retry.	362
CMUN02461E <i>REFERENCE</i> LIC feature build key failed. Contact IBM technical support for assistance.	362
CMUN02462E <i>REFERENCE</i> Invalid storage image sequence number in the LIC feature key. . . .	362
CMUN02463E <i>REFERENCE</i> Creation of LIC feature file failed. Contact IBM technical support for assistance.	362
CMUN02464E <i>REFERENCE</i> Error decrypting LIC feature string or file. Contact IBM technical support for assistance.	363
CMUN02465E <i>REFERENCE</i> Error encrypting LIC feature string or file. Contact IBM technical support for assistance.	363
CMUN02466E <i>REFERENCE</i> LIC feature string validation failed. Contact IBM technical support for assistance.	363
CMUN02467E <i>REFERENCE</i> Invalid LIC feature type.	363
CMUN02468E <i>REFERENCE</i> Error opening LIC feature file. Contact IBM technical support for assistance.	363
CMUN02469E <i>REFERENCE</i> Error writing to the LIC feature file. Contact IBM technical support for assistance.	364
CMUN02470E <i>REFERENCE</i> LIC feature file validation failed. Contact IBM technical support for assistance.	364
CMUN02471E <i>REFERENCE</i> Error activating LIC feature file. Contact IBM technical support for assistance.	364
CMUN02472E <i>REFERENCE</i> Error displaying LIC feature information. Contact IBM technical support for assistance.	364
CMUN02473E <i>REFERENCE</i> Error querying LIC feature information. Contact IBM technical support for assistance.	365
CMUN02474E <i>REFERENCE</i> Error determining product information to be used for LIC features. Contact IBM technical support for assistance.	365
CMUN02475E <i>REFERENCE</i> LIC feature storage type is not correct.	365
CMUN02476E <i>REFERENCE</i> Invalid LIC feature key length.	365

CMUN02477E <i>REFERENCE</i> The LIC feature keys cannot be installed due to default LIC features. Contact IBM technical support for assistance.	366
CMUN02478E <i>REFERENCE</i> LIC feature cannot be installed due to the maximum number of logical subsystems for CKD storage. Contact IBM technical support for assistance.	366
CMUN02479E <i>REFERENCE</i> The volume group modification or creation task failed. You have specified a volume that does not exist. . . .	366
CMUN02480E <i>REFERENCE</i> LIC feature capacity error. Invalid capacity value for the specified LIC feature type.	366
CMUN02481E <i>REFERENCE</i> The modify host adapter port task failed because the host adapter port is not defined.	367
CMUN02482E <i>REFERENCE</i> The modify host adapter port task failed because the host adapter port cannot be modified unless both processor cards show normal status.	367
CMUN02483E <i>REFERENCE</i> The modify host adapter port task failed because the port failed to change to the offline or online state. . . .	367
CMUN02484E <i>REFERENCE</i> The modify host adapter port task failed because the host adapter port type modification failed.	368
CMUN02485E <i>REFERENCE</i> Unable to create, delete, or assign a rank while one of the processor cards is inactive.	368
CMUN02486E <i>REFERENCE</i> Rank does not exist.	368
CMUN02487E <i>REFERENCE</i> The rank is not in an inaccessible state.	369
CMUN02488E <i>REFERENCE</i> Internal error. Contact IBM technical support for assistance. . . .	369
CMUN02489E <i>REFERENCE</i> Internal error. Contact IBM technical support for assistance. . . .	369
CMUN02490E <i>REFERENCE</i> Internal error. Contact IBM technical support for assistance. . . .	369
CMUN02491E <i>VOLUMES</i> The extent pool cannot be deleted. Logical volumes are still assigned to the extent pool.	369
CMUN02492E <i>SOURCE</i> Unable to create the SCSI host port. Another SCSI host port exists with the same worldwide port name and a conflicting port ID.	370
CMUN02493E <i>SOURCE</i> Unable to modify the SCSI host port. Another SCSI host port exists with the same worldwide port name and a conflicting port ID.	370
CMUN02494E <i>SOURCE</i> Internal error. Contact IBM technical support for assistance. . . .	370
CMUN02495E <i>SOURCE</i> Internal error. Contact IBM technical support for assistance. . . .	370
CMUN02496E <i>SOURCE</i> Internal error. Contact IBM technical support for assistance. . . .	371
CMUN02497E <i>SOURCE</i> The storage unit is busy. Wait for a few seconds, and resubmit the task..	371
CMUN02498E <i>SOURCE</i> The storage unit is busy. Wait for a few minutes, and resubmit the task..	371

CMUN02502E <i>SOURCE</i> You are attempting to create an array with two array sites, and the disk class of the array sites is not the same..	371
CMUN02503E <i>SOURCE</i> The synchronize security repository task has failed because it exceeds the maximum number of user accounts.	372
CMUN02504E <i>VALUE_0</i> The create array task has failed because at least one array site state is not unassigned.	372
CMUN02505E <i>VALUE_0</i> The create array task has failed because the characteristics of the array sites do not match.	372
CMUN02506E <i>SOURCE</i> Operation failed: A VM host command has set a Special Intercept Condition (SIC) on the source or target volume.	373
CMUN02507E <i>VALUE_0</i> Unable to submit the logical configuration task that you have requested because a discovery task is in progress.	373
CMUN03000E <i>SOURCE</i> Operation failure: action cancelled due to lack of resources. Contact IBM technical support for assistance.	374
CMUN03001E <i>SOURCE</i> Operation failure: action not supported	374
CMUN03002E <i>SOURCE</i> Operation failure: action not supported	374
CMUN03003E <i>SOURCE</i> Copy Services operation failure: currently processing a previously issued Global Mirror command	374
CMUN03004E <i>SOURCE</i> Copy Services operation failure: Global Mirror command not properly defined. Contact IBM technical support for assistance.	375
CMUN03005E <i>SOURCE</i> Copy Services operation failure: Global Mirror feature not installed .	375
CMUN03006E <i>SOURCE</i> Copy Services operation failure: Global Mirror structures not available	375
CMUN03007E <i>SOURCE</i> Copy Services operation failure: FlashCopy battery feature not installed	375
CMUN03008E <i>SOURCE</i> Copy Services operation failure: cascading FlashCopy prohibited . .	376
CMUN03009E <i>SOURCE</i> Copy Services operation failure: cascading primary	376
CMUN03010E <i>SOURCE</i> Copy Services operation failure: cascading secondary noncascade . .	376
CMUN03011E <i>SOURCE</i> Copy Services operation failure: cascading secondary synchronous .	376
CMUN03012E <i>SOURCE</i> Remote Mirror and Copy operation failure	377
CMUN03013E <i>SOURCE</i> CKD management is disabled. Contact IBM technical support for assistance.	377
CMUN03014E <i>SOURCE</i> Copy Services operation failure: A microcode code load is in progress..	377
CMUN03015E <i>SOURCE</i> Operation failure: consistent copy would be compromised. Contact IBM technical support for assistance.	377

CMUN03016E <i>SOURCE</i> Copy Services feature not installed. Contact IBM technical support for assistance.	378
CMUN03017E <i>SOURCE</i> Copy Services feature not supported. Contact IBM technical support for assistance..	378
CMUN03018E <i>SOURCE</i> Copy Services server internal error. Contact IBM technical support for assistance.	378
CMUN03019E <i>SOURCE</i> Copy Services operation failure: critical volume mode unavailable .	378
CMUN03020E <i>SOURCE</i> Copy Services operation failure: device not found	378
CMUN03021E <i>SOURCE</i> Copy Services operation failure: device status cannot be determined .	379
CMUN03022E <i>SOURCE</i> Copy Services operation failure: source is destination	379
CMUN03023E <i>SOURCE</i> Copy Services operation failure: ESCON - FCP collision. Contact IBM technical support for assistance.	379
CMUN03024E <i>SOURCE</i> Copy Services operation failure: ESCON - FCP remove collision. Contact IBM technical support for assistance.	380
CMUN03025E <i>SOURCE</i> Copy Services operation failure: storage image not available	380
CMUN03026E <i>SOURCE</i> Copy Services operation failure: storage image not found	380
CMUN03027E <i>SOURCE</i> FlashCopy operation failure: action prohibited by current FlashCopy state. Contact IBM technical support for assistance.	380
CMUN03028E <i>SOURCE</i> Copy Services operation failure: master process conflict	381
CMUN03029E <i>SOURCE</i> Copy Services operation failure: invalid failback primary	381
CMUN03030E <i>SOURCE</i> Copy Services operation failure: failback primary volume not suspended.	381
CMUN03031E <i>SOURCE</i> Copy Services operation failure: invalid failover primary site . . .	381
CMUN03032E <i>SOURCE</i> Operation failure: invalid failover secondary volume	382
CMUN03033E <i>SOURCE</i> Copy Services operation failure: FCP - FICON path collision	382
CMUN03034E <i>SOURCE</i> Copy Services operation failure: FCP connectivity queries are not supported by the storage image. Contact IBM technical support for assistance.	382
CMUN03035E <i>SOURCE</i> Copy Services operation failure: feature not installed	382
CMUN03036E <i>SOURCE</i> Copy Services operation failure: maximum FlashCopy relationships exceeded or initialization in progress . .	383
CMUN03037E <i>SOURCE</i> Copy Services operation failure: FlashCopy inhibited. Contact IBM technical support for assistance.	383
CMUN03038E <i>SOURCE</i> Copy Services operation failure: Volume is already a FlashCopy target..	383
CMUN03039E <i>SOURCE</i> Copy Services operation failure: maximum FlashCopy targets exceeded .	383
CMUN03040E <i>SOURCE</i> Copy Services operation failure: maximum relationships exceeded . .	384

CMUN03041E <i>SOURCE</i> Copy Services operation failure: already a FlashCopy source	384	CMUN03065E <i>SOURCE</i> Copy Services operation failure: volumes not a Remote Mirror and Copy pair	390
CMUN03042E <i>SOURCE</i> Copy Services operation failure: already a FlashCopy target	384	CMUN03066E <i>SOURCE</i> Copy Services operation failure: no volume zero on secondary logical subsystem. Contact IBM technical support for assistance.	390
CMUN03043E <i>SOURCE</i> Operation failure: functional code timeout. Contact IBM technical support for assistance.	384	CMUN03067E <i>SOURCE</i> Copy Services operation failure: configuration does not exist	390
CMUN03044E <i>SOURCE</i> Copy Services operation failure: path not available	385	CMUN03068E <i>SOURCE</i> Copy Services operation failure: not ready for resynchronization	390
CMUN03045E <i>SOURCE</i> Copy Services operation failure: increment failed due to internal error. Contact IBM technical support for assistance.	385	CMUN03069E <i>SOURCE</i> Pair capacity mismatch	391
CMUN03046E <i>SOURCE</i> Copy Services operation failure: FlashCopy increment mismatch	385	CMUN03070E <i>SOURCE</i> Copy Services operation failure: pairs remain	391
CMUN03047E <i>SOURCE</i> Copy Services operation failure: invalid fibre-channel protocol configuration	385	CMUN03071E <i>SOURCE</i> Copy Services operation failure: invalid parameter. Contact IBM technical support for assistance.	391
CMUN03048E <i>SOURCE</i> Copy Services operation failure: invalid FlashCopy target	386	CMUN03072E <i>SOURCE</i> Copy Services operation failure: invalid track. Contact IBM technical support for assistance.	391
CMUN03049E <i>SOURCE</i> Copy Services operation failure: incompatible volumes	386	CMUN03073E <i>SOURCE</i> Copy Services operation failure: One or more path establish tasks has failed.	391
CMUN03050E <i>SOURCE</i> Copy Services operation failure: invalid FlashCopy extent. Contact IBM technical support for assistance.	386	CMUN03074E <i>SOURCE</i> The establish Metro Mirror path task cannot be initiated because the task would result in an unsupported configuration of logical subsystem pairs or logical paths.	392
CMUN03051E <i>SOURCE</i> Copy services operation failure: invalid FlashCopy source	386	CMUN03075E <i>SOURCE</i> Copy Services operation failure: path timeout. Contact IBM technical support for assistance.	392
CMUN03052E <i>SOURCE</i> Copy Services operation failure: invalid secondary. Contact IBM technical support for assistance.	387	CMUN03076E <i>SOURCE</i> Operation failure: path type mismatch. Contact IBM technical support for assistance.	392
CMUN03053E <i>SOURCE</i> Copy Services operation failure: invalid transition. Contact IBM technical support for assistance.	387	CMUN03077E <i>SOURCE</i> Copy Services operation failure: pinned data	393
CMUN03054E <i>SOURCE</i> Copy Services operation failure: invalid revertible specification	387	CMUN03078E <i>SOURCE</i> Copy Services operation failure: pinned data	393
CMUN03055E <i>SOURCE</i> Copy Services operation failure: session or members not in correct state.	387	CMUN03079E <i>SOURCE</i> Copy Services operation failure: copy pending. Contact IBM technical support for assistance.	393
CMUN03056E <i>SOURCE</i> Copy Services operation failure: invalid session state for FlashCopy. Contact IBM technical support for assistance.	388	CMUN03080E <i>SOURCE</i> Copy Services: recovery command rejected	393
CMUN03057E <i>SOURCE</i> Copy Services operation failure: The Metro Mirror pair does not exist.. . . .	388	CMUN03081E <i>SOURCE</i> Copy Services operation failure: secondary command invalid. Contact IBM technical support for assistance.	394
CMUN03058E <i>SOURCE</i> Copy Services Operation failure: invalid WNNN	388	CMUN03082E <i>SOURCE</i> Copy Services operation failure: Global Mirror invalid transition. Contact IBM technical support for assistance.	394
CMUN03059E <i>SOURCE</i> Copy Services operation failure: LSS not found	388	CMUN03083E <i>SOURCE</i> Copy Services operation failure: preexisting Remote Mirror and Copy pair. Contact IBM technical support for assistance.	394
CMUN03060E <i>SOURCE</i> Copy Services operation failure: logical subsystem mismatch. Contact IBM technical support for assistance.	388	CMUN03084E <i>SOURCE</i> Copy Services operation failure: busy	394
CMUN03061E <i>SOURCE</i> Copy Services operation failure: master serial number not defined. Contact IBM technical support for assistance.	389	CMUN03085E <i>SOURCE</i> Copy Services operation failure: maximum number of FlashCopy relationships exceeded	395
CMUN03062E <i>SOURCE</i> Copy Services operation failure: maximum masters exceeded. Contact IBM technical support for assistance.	389	CMUN03086E <i>SOURCE</i> Copy Services operation failure: volume already in FlashCopy relationship	395
CMUN03063E <i>SOURCE</i> Copy Services operation failure: sequence number and session ID mismatch	389		
CMUN03064E <i>SOURCE</i> Copy Services operation failure: mixed adapters specified	389		

CMUN03087E <i>SOURCE</i> Copy Services operation failure: reverse bitmap non-zero. Contact IBM technical support for assistance.	395
CMUN03088E <i>SOURCE</i> Copy Services operation failure: secondary error. Contact IBM technical support for assistance.	395
CMUN03089E <i>SOURCE</i> Copy Services operation failure: session already open. Contact IBM technical support for assistance.	396
CMUN03090E <i>SOURCE</i> Copy Services operation failure: session command not defined. Contact IBM technical support for assistance.	396
CMUN03091E <i>SOURCE</i> Copy Services operation failure: session members not defined	396
CMUN03092E <i>SOURCE</i> Copy Services operation failure: session not open	396
CMUN03093E <i>SOURCE</i> Copy Services operation failure: invalid session number	397
CMUN03094E <i>SOURCE</i> Operation failure: status cannot be determined. Contact IBM technical support for assistance.	397
CMUN03095E <i>SOURCE</i> Copy Services operation failure: subordinate count out of range. Contact IBM technical support for assistance.	397
CMUN03096E <i>SOURCE</i> Copy Services operation failure: target online	397
CMUN03097E <i>SOURCE</i> Copy Services operation failure: target reserved. Contact IBM technical support for assistance.	398
CMUN03098E <i>SOURCE</i> Copy Services operation failure: topology missing paths. Contact IBM technical support for assistance.	398
CMUN03099E <i>SOURCE</i> Copy Services operation failure: VM minidisk. Contact IBM technical support for assistance.	398
CMUN03100E <i>SOURCE</i> Copy Services operation failure: volume in session	398
CMUN03101E <i>SOURCE</i> Copy Services operation failure: volume in use. Contact IBM technical support for assistance.	398
CMUN03102E <i>SOURCE</i> Copy Services operation failure: volume inaccessible	399
CMUN03103E <i>SOURCE</i> Copy Services operation failure: The volume is in a long busy state, not yet configured, not yet formatted, or the source and target volumes are of different types.	399
CMUN03104E <i>SOURCE</i> Copy Services operation failure: source and target volume mismatch	399
CMUN03105E <i>SOURCE</i> Copy Services operation failure: volume not restorable. Contact IBM technical support for assistance.	399
CMUN03106E <i>SOURCE</i> Copy Services operation failure: volume reserved. Contact IBM technical support for assistance.	400
CMUN03107E <i>SOURCE</i> Copy Services operation failure: volumes in session	400
CMUN03108E <i>SOURCE</i> Copy Services operation failure: volumes not found	400
CMUN03109E <i>SOURCE</i> Copy Services operation failure: volumes not simplex	400

CMUN03110E <i>SOURCE</i> Copy Services operation failure: warm start occurred. Contact IBM technical support for assistance.	401
CMUN03111E <i>SOURCE</i> Copy Services operation failure: writes prohibited by suspend	401
CMUN03112E <i>SOURCE</i> Copy Services operation failure: Global Mirror consistency cannot be maintained. Contact IBM technical support for assistance.	401
CMUN03113E <i>SOURCE</i> Operation failure: CKD base required	401
CMUN03114E <i>SOURCE</i> Unable to establish FlashCopy with fast reverse restore: previous FRR	402
CMUN03115E <i>SOURCE</i> Performance statistics cannot be accumulated: LSS not configured	402
CMUN03116E <i>SOURCE</i> Performance statistics cannot be accumulated: resource not configured.	402
CMUN03117E <i>SOURCE</i> Unable to establish FlashCopy or Remote Mirror and Copy pair. A FlashCopy initialization is in progress.	402
CMUN03118E <i>SOURCE</i> Copy Services error: Intervention is required.	402
CMUN03119E <i>SOURCE</i> Hardware error: An unusual hardware condition originates in the channel, drive, or storage unit. Contact IBM technical support for assistance.	403
CMUN03120E <i>SOURCE</i> Copy Services operation failure: The Change Recording feature is already active and has been defined by a different Copy Services task type.	403
CMUN03121E <i>SOURCE</i> The FlashCopy target is a Global Mirror primary volume.	403
CMUN04000E <i>SOURCE</i> Operation failure: Copy Services server failure. Contact IBM technical support for assistance.	404
CMUN04001E <i>SOURCE</i> Operation failure. Contact IBM technical support for assistance.	404
CMUN04003E <i>SOURCE</i> Operation failure: internal error. Contact IBM technical support for assistance.	404
CMUN04004E <i>SOURCE</i> Operation failure: invalid parameters	404
CMUN04005E <i>SOURCE</i> Operation failure: node agent 0 fails. Contact IBM technical support for assistance.	405
CMUN04006E <i>SOURCE</i> Operation failure: node agent 1 fails. Contact IBM technical support for assistance.	405
CMUN04007E <i>SOURCE</i> Operation failure: resource not found. Contact IBM technical support for assistance.	405
CMUN04008E <i>SOURCE</i> Operation failure. Contact IBM technical support for assistance.	405
CMUN04009E <i>SOURCE</i> Operation failure: unknown. Contact IBM technical support for assistance.	405
CMUN04010E <i>SOURCE</i> Internal Copy Services Error.	406
CMUN04011E <i>SOURCE</i> Warmstart failure.	406

CMUN04012E <i>SOURCE</i> Operation failure. Contact IBM technical support for assistance.	406
CMUN04013E <i>SOURCE</i> Operation failure.	406
CMUN04014E <i>SOURCE</i> Operation failure. Contact IBM technical support for assistance.	407
CMUN04015E <i>SOURCE</i> At least one of the storage unit server enclosure processor cards is not connected.	407
CMUN04016E <i>SOURCE</i> Operation failure. Contact IBM technical support for assistance.	407
CMUN04017E <i>SOURCE</i> Operation failure. Contact IBM technical support for assistance.	407
CMUN05000E <i>SOURCE</i> Operation failure: peer management console is busy	407
CMUN05001E <i>SOURCE</i> Operation failure: duplicate user name in the repository of the peer management console	408
CMUN05002E <i>SOURCE</i> Operation failure: duplicate user name in the repository of the local management console	408
CMUN05003E <i>SOURCE</i> Operation failure: communication failure between peer management consoles.	408
CMUN05004E <i>SOURCE</i> Operation failure: group not found in repository of the peer management console	408
CMUN05005E <i>SOURCE</i> Operation failure: group not found in the repository of the local management console. Contact IBM technical support for assistance.	409
CMUN05006E <i>SOURCE</i> Operation failure: invalid user account name	409
CMUN05007E <i>SOURCE</i> Operation failure: local busy	409
CMUN05008E <i>SOURCE</i> Operation failure. Contact IBM technical support for assistance.	409
CMUN05009E <i>SOURCE</i> Operation failure: maximum number of accounts reached on the repository of the peer management console	410
CMUN05010E <i>SOURCE</i> Operation failure: maximum number of accounts reached on the repository of the local management console	410
CMUN05012E <i>SOURCE</i> Operation failure: incorrect password format	410
CMUN05013E <i>SOURCE</i> Operation failure: password same as previous password	410
CMUN05014E <i>SOURCE</i> Operation failure: The repository on the peer management console is not accessible for an unknown reason. Contact IBM technical support for assistance.	411
CMUN05015E <i>SOURCE</i> Operation failure: the repository of the local management console is not accessible. Contact IBM technical support for assistance.	411
CMUN05016E <i>SOURCE</i> Operation failure: request timed out	411
CMUN05017E <i>SOURCE</i> Operation failure: internal error in the repository of the peer management console. Contact IBM technical support for assistance.	411

CMUN05018E <i>SOURCE</i> Operation failure: internal error in the repository of the local management console. Contact IBM technical support for assistance.	412
CMUN05019E <i>SOURCE</i> Operation failure: settings entry not found in the repository of the peer management console	412
CMUN05020E <i>SOURCE</i> Operation failure: settings entry not found in the repository of the local management console. Contact IBM technical support for assistance.	412
CMUN05021E <i>SOURCE</i> Operation failure: user not found in the repository of the peer management console	412
CMUN05022E <i>SOURCE</i> Operation failure: user not found in the repository of the local management console	413
CMUN05025E <i>SOURCE</i> The operation has failed to change the Replication Manager password on logical partition 0. Contact IBM technical support for assistance.	413
CMUN05026E <i>SOURCE</i> The operation has failed to change the Replication Manager password on logical partition 1. Contact IBM technical support for assistance.	413
CMUN05027E <i>SOURCE</i> The operation has failed to change the Replication Manager password on logical partitions 0 and 1. Contact IBM technical support for assistance.	413
CMUN06000E <i>SOURCE</i> Operation failure: unable to connect	414
CMUN06001E <i>SOURCE</i> Operation failure: unable to copy code	414
CMUN06002E <i>SOURCE</i> Operation failure: unable to copy log files. Contact IBM technical support for assistance.	414
CMUN06003E <i>SOURCE</i> Operation failure: unable to copy PE package. Contact IBM technical support for assistance.	414
CMUN06004E <i>SOURCE</i> Operation failure: unable to copy SA logs to the PE package	415
CMUN06005E <i>SOURCE</i> Operation failure: unable to copy statesave. Contact IBM technical support for assistance.	415
CMUN06006E <i>SOURCE</i> Operation failure: unable to create PE package. Contact IBM technical support for assistance.	415
CMUN06007E <i>SOURCE</i> Operation failure: results list is empty. Contact IBM technical support for assistance.	415
CMUN06008E <i>SOURCE</i> Operation failure: console server exception returned to SA. Contact IBM technical support for assistance.	415
CMUN06009E <i>SOURCE</i> Operation failure: unable to retrieve list of hardware resources. Contact IBM technical support for assistance.	416
CMUN06010E <i>SOURCE</i> Operation failure: unable to retrieve list of network ports. Contact IBM technical support for assistance.	416

CMUN06011E <i>SOURCE</i> Operation failure: unable to retrieve password. Contact IBM technical support for assistance.	416
CMUN06012E <i>SOURCE</i> Operation failure: unable to retrieve list of storage servers. Contact IBM technical support for assistance.	416
CMUN06013E <i>SOURCE</i> Operation failure: unable to retrieve software version. Contact IBM technical support for assistance.	417
CMUN06014E <i>SOURCE</i> Operation failure: unable to retrieve trace service. Contact IBM technical support for assistance.	417
CMUN06015E <i>SOURCE</i> Operation failure: unable to extract Jar file for package bundle	417
CMUN06016E <i>SOURCE</i> Operation failure: file or directory not found	417
CMUN06017E <i>SOURCE</i> Operation failure: FTP failure	417
CMUN06018E <i>SOURCE</i> Unable to activate code load: incompatible hardware and code versions	418
CMUN06019E <i>SOURCE</i> Unable to activate code load: incompatible software version in package bundle	418
CMUN06020E <i>SOURCE</i> Operation failure: invalid code bundle	418
CMUN06021E <i>SOURCE</i> Operation failure: invalid file or directory	419
CMUN06022E <i>SOURCE</i> Operation failure: unable to load code bundle	419
CMUN06023E <i>SOURCE</i> Operation failure: unable to mark statesave. Contact IBM technical support for assistance.	419
CMUN06024E <i>SOURCE</i> Operation failure: possible invalid code bundle	419
CMUN06025E <i>SOURCE</i> Operation failure: unable to open file. Contact IBM technical support for assistance.	420
CMUN06026E <i>SOURCE</i> Operation failure: an external utility does not run	420
CMUN06027E <i>SOURCE</i> Operation failure: thread interrupted. Contact IBM technical support for assistance.	420
CMUN06028E <i>SOURCE</i> Operation failure: timeout	420
CMUN06029E <i>SOURCE</i> Operation failure: unknown operating system	421
CMUN06030E <i>SOURCE</i> Operation failure: environment variable not found	421
CMUN06031E <i>SOURCE</i> Operation failure: unable to compress all files to zip file. Contact IBM technical support for assistance.	421
CMUN06032E <i>SOURCE</i> Unable to copy new code bundle. A code load is in progress.	421
CMUN06033E <i>SOURCE</i> Unable to copy new code bundle. Another copy is in progress.	422
CMUN06034E <i>SOURCE</i> Operation failure: unable to close file. Contact IBM technical support for assistance.	422
CMUN06035E <i>SOURCE</i> Operation failure: FTP connection refused	422

CMUN06036E <i>SOURCE</i> Operation failure: file list not found. Contact IBM technical support for assistance.	422
CMUN06037E <i>SOURCE</i> Operation failure: invalid FTP directory	423
CMUN06038E <i>SOURCE</i> Operation failure: invalid send2IBM directory	423
CMUN06039E <i>SOURCE</i> Unable to access node 0 of the storage unit. This problem might be temporary.	423
CMUN06040E <i>SOURCE</i> Unable to access node 1 of the storage unit. This problem might be temporary.	423
CMUN06041I <i>SOURCE</i> There are no statesave files that are ready to copy from the storage unit to the management console.	424
CMUN06042E <i>SOURCE</i> You are attempting to transfer a file from the management console to the storage unit and the file transfer task has failed because there is not enough space for the file on the storage unit. Contact IBM technical support for assistance.	424
CMUN07000E <i>SOURCE</i> Unable to prepare for service: The DDM is part of a degraded array.	424
CMUN07001E <i>SOURCE</i> Unable to prepare for service: The DDM is part of an exposed array.	425
CMUN07002E <i>SOURCE</i> Unable to prepare for service: No spare DDM can be found in the array.. . . .	425
CMUN07003E <i>SOURCE</i> Unable to prepare for service: The DDM is a component of an offline array.	425
CMUN07004E <i>SOURCE</i> Unable to prepare for service: The DDM is a component of an array that is rebuilding.	425
CMUN07005E <i>SOURCE</i> Unable to prepare for service: The array containing this DDM cannot be determined.	426
CMUN07006E <i>SOURCE</i> Battery activation failure. Contact IBM technical support for assistance.	426
CMUN07007E <i>SOURCE</i> Unable to prepare battery for service. Contact IBM technical support for assistance.	426
CMUN07008E <i>SOURCE</i> Unable to prepare battery for service: incorrect state. Contact IBM technical support for assistance.	426
CMUN07009E <i>SOURCE</i> Unable to resume battery backup unit: not allowed. Contact IBM technical support for assistance.	426
CMUN07010E <i>SOURCE</i> Battery activation failure. Contact IBM technical support for assistance.	427
CMUN07011E <i>SOURCE</i> Unable to prepare DDM for service. Contact IBM technical support for assistance.	427
CMUN07012E <i>SOURCE</i> Unable to prepare DDM for service: not allowed in current state. Contact IBM technical support for assistance.	427

CMUN07013E <i>SOURCE</i> Unable to resume DDM operation: not allowed. Contact IBM technical support for assistance.	427
CMUN07014E <i>SOURCE</i> Unable to install or resume enclosure operation. Contact IBM technical support for assistance.	428
CMUN07015E <i>SOURCE</i> Unable to prepare enclosure for service. Contact IBM technical support for assistance.	428
CMUN07016E <i>SOURCE</i> Unable to prepare enclosure for service: not allowed in current state. Contact IBM technical support for assistance.	428
CMUN07017E <i>SOURCE</i> Unable to resume enclosure operation: not allowed. Contact IBM technical support for assistance.	428
CMUN07018E <i>SOURCE</i> Install or resume operation failure. Contact IBM technical support for assistance.	428
CMUN07019E <i>SOURCE</i> Unable to prepare fibre-channel interface card for service. Contact IBM technical support for assistance.	429
CMUN07020E <i>SOURCE</i> Unable to prepare for service: not allowed in current state. Contact IBM technical support for assistance.	429
CMUN07021E <i>SOURCE</i> Unable to resume operation: not allowed. Contact IBM technical support for assistance.	429
CMUN07022E <i>SOURCE</i> Unable to install or resume front display panel operation. Contact IBM technical support for assistance.	429
CMUN07023E <i>SOURCE</i> Unable to prepare front display panel for service. Contact IBM technical support for assistance.	430
CMUN07024E <i>SOURCE</i> Unable to prepare front display panel for service: not allowed in current state. Contact IBM technical support for assistance.	430
CMUN07025E <i>SOURCE</i> Unable to resume front display panel operation: not allowed. Contact IBM technical support for assistance.	430
CMUN07026E <i>SOURCE</i> The install or resume operation for the processor card fails. Contact IBM technical support for assistance.	430
CMUN07027E <i>SOURCE</i> Unable to prepare integrated RAID controller for service. Contact IBM technical support for assistance.	430
CMUN07028E <i>SOURCE</i> Unable to prepare integrated RAID controller for service: not allowed in current state. Contact IBM technical support for assistance.	431
CMUN07029E <i>SOURCE</i> The resume operation is not allowed for this integrated RAID controller. Contact IBM technical support for assistance.	431
CMUN07030E <i>SOURCE</i> Unable to install or resume operation. Contact IBM technical support for assistance.	431
CMUN07031E <i>SOURCE</i> Unable to prepare for service. Contact IBM technical support for assistance.	431

CMUN07032E <i>SOURCE</i> Unable to prepare for service: not allowed in current state. Contact IBM technical support for assistance.	432
CMUN07033E <i>SOURCE</i> Unable to resume operation: not allowed. Contact IBM technical support for assistance.	432
CMUN07034E <i>SOURCE</i> Unable to install or resume rear display panel operation. Contact IBM technical support for assistance.	432
CMUN07035E <i>SOURCE</i> Unable to prepare rear display panel for service. Contact IBM technical support for assistance.	432
CMUN07036E <i>SOURCE</i> Unable to prepare rear display panel for service: not allowed in current state. Contact IBM technical support for assistance.	432
CMUN07037E <i>SOURCE</i> Unable to resume rear display panel operation: not allowed. Contact IBM technical support for assistance.	433
CMUN08000E <i>SOURCE</i> The close problem log entry task has failed because the problem log entry that you have selected is already closed or does not exist.	433
CMUN08001E <i>SOURCE</i> The Create test problem record task has failed because of insufficient resources. Wait a few minutes and then resubmit the task.	433
CMUN08002W <i>SOURCE</i> The test Call Home connection has initiated successfully.	433
CMUN80000E <i>REFERENCE</i> The DS Network server is unavailable.	434
CMUN80001E <i>REFERENCE</i> An error occurs while communicating with the management console server.	434
CMUN80002E <i>REFERENCE</i> The client code is not at the same version level as the management console server code.	434
CMUN80003E <i>REFERENCE</i> Information for this resource cannot be retrieved.	435
CMUN80004E <i>REFERENCE</i> The resource cannot be created.	435
CMUN80005E <i>REFERENCE</i> An error occurs while committing configuration changes.	435
CMUN80006E <i>REFERENCE</i> The information for this resource cannot be retrieved.	435
CMUN80007E <i>REFERENCE</i> Information for this resource cannot be retrieved.	436
CMUN80008E <i>REFERENCE</i> Unknown error	436
CMUN80009E <i>REFERENCE</i> The attributes specified for the resource are not valid.	436
CMUN80010E <i>REFERENCE</i> You are not authorized to perform this action through the management console.	436
CMUN80011E <i>REFERENCE</i> The connection cannot be made because authentication information is invalid.	436
CMUN80012E <i>REFERENCE</i> The IP address of the host cannot be determined.	437
CMUN80013E <i>REFERENCE</i> Task execution failure: timeout	437
CMUN80014E <i>REFERENCE</i> Invalid parameter	437

CMUN80015E <i>REFERENCE</i> Resource not found	437
CMUN80016E <i>REFERENCE</i> The management console server reports an internal error.	438
CMUN80017E <i>SOURCE</i> Copy Services communications error	438
CMUN80018E <i>SOURCE</i> Authentication failure: Your account is locked. See the information center for more information.	438
CMUN80019E <i>SOURCE</i> Authentication failure: The security database is not accessible. Contact IBM technical support for assistance.	438
CMUN80020E <i>SOURCE</i> Authentication failure: invalid password	439
CMUN80021E <i>SOURCE</i> Authentication failure: Unable to connect to type 2105 machine.	439
CMUN80022E <i>SOURCE</i> Authentication failure: Your password has expired.	439
CMUN80023E <i>SOURCE</i> Authentication failure: Nonexistent account.	439
CMUN80024E <i>SOURCE</i> Authorization failure: You are not authorized to run this task.	440
CMUN80025E <i>SOURCE</i> Rank creation denied. This rank would exceed the installed LMC feature key enablement. Delete all references to this rank.	440
CMUN80026E <i>REFERENCE</i> The DS Network Interface server is aware of the storage unit, but unable to communicate with it.	440
CMUN80027E <i>REFERENCE</i> The DS Network Interface server is not aware of the specified storage unit or storage image.	441
CMUN80028E <i>REFERENCE</i> SCSI host port creation failed. Ensure that both processor cards are operational.	441
CMUN80029E <i>REFERENCE</i> Initialization process is not yet complete.	441
CMUN80030E <i>REFERENCE</i> Unable to update the number of configured devices. Contact IBM technical support for assistance.	441
CMUN80031E <i>REFERENCE</i> Unable to update the number of configured devices. Contact IBM technical support for assistance.	442
CMUN80032E <i>REFERENCE</i> Invalid SCSI host port profile ID.	442
CMUN80033E <i>REFERENCE</i> Internal error. Contact IBM technical support for assistance.	442
CMUN80034E <i>REFERENCE</i> Host connection cannot be added.	442
CMUN80035E <i>REFERENCE</i> Host connection cannot be added. Request exceeds the maximum number of allowed hosts.	442
CMUN80036E <i>REFERENCE</i> Host connection modification failed due to incorrect SCSI host port configuration information.	443
CMUN80037E <i>REFERENCE</i> Host connection deletion failed.	443
CMUN80038E <i>REFERENCE</i> Host connection deletion failed due to incorrect SCSI host port configuration information.	443
CMUN80039E <i>REFERENCE</i> Task failed. Volume group not found.	443

CMUN80040E <i>REFERENCE</i> Task rejected during recovery procedure.	444
CMUN80041E <i>REFERENCE</i> Task rejected during initialization.	444
CMUN80042E <i>REFERENCE</i> Task failed due to invalid input.	444
CMUN80043E <i>REFERENCE</i> Internal error. Contact IBM technical support for assistance.	444
CMUN80044E <i>REFERENCE</i> Insufficient task input.	444
CMUN80045E <i>REFERENCE</i> Internal error. Insufficient internal resources.	445
CMUN80046E <i>REFERENCE</i> Task rejected due to invalid input.	445
CMUN80047E <i>REFERENCE</i> Internal error.	445
CMUN80048E <i>REFERENCE</i> Internal error.	445
CMUN80049E <i>REFERENCE</i> Volume group failed to create. Attempted use of a reserved volume group type.	445
CMUN80050E <i>REFERENCE</i> Volume group failed to create. Attempted use of an unsupported volume group type.	446
CMUN80051E <i>REFERENCE</i> Internal error.	446
CMUN80052E <i>REFERENCE</i> Add volume list task failed. Invalid volume list range.	446
CMUN80053E <i>REFERENCE</i> Unsupported task.	446
CMUN80054E <i>REFERENCE</i> Internal error. Insufficient internal resources.	447
CMUN80055E <i>REFERENCE</i> Internal error. Insufficient internal resources.	447
CMUN80056E <i>REFERENCE</i> Internal error.	447
CMUN80057E <i>REFERENCE</i> Internal error. Contact IBM technical support for assistance.	447
CMUN80058E <i>SOURCE</i> A call home service connection could not be established. Check the call home configuration on the management console server.	447
CMUN80059E <i>SOURCE</i> A call home service connection could not be established. Check the call home configuration on the management console server.	448
CMUN80060E <i>SOURCE</i> A call home service connection could not be established because of a modem error. Check your modem and your call home configuration on the management console server.	448
CMUN80061E <i>SOURCE</i> Internal error. Contact IBM technical support for assistance.	448
CMUN80062E <i>SOURCE</i> A call home service connection could not be established. Check the call home configuration on the management console server.	448
CMUN80063E <i>SOURCE</i> A call home service connection could not be established. Check the call home configuration on the management console server.	449
CMUN80064E <i>SOURCE</i> A call home service connection could not be established. Check the call home configuration on the management console server.	449

CMUN80065E <i>SOURCE</i> A call home service connection could not be established. Check the call home configuration on the management console server.	449
CMUN80066E <i>SOURCE</i> A call home service connection could not be established. Check the call home configuration on the management console server.	449
CMUN80067E <i>SOURCE</i> A call home service connection could not be established. Check the call home configuration on the management console server.	450
CMUN80068E <i>SOURCE</i> A call home service connection could not be established. Check the call home configuration on the management console server.	450
CMUN80069E <i>SOURCE</i> A call home service connection could not be established. Check the call home configuration on the management console server.	450
CMUN80070E <i>SOURCE</i> A call home service connection could not be established. Check the call home configuration on the management console server.	450
CMUN80071E <i>SOURCE</i> A call home service connection could not be established. Check the call home configuration on the management console server.	451
CMUN80072E <i>SOURCE</i> A call home service connection could not be established. Check the call home configuration on the management console server.	451
CMUN80073E <i>SOURCE</i> A call home service connection could not be established. Check the call home configuration on the management console server.	451
CMUN80074E <i>SOURCE</i> A call home service connection could not be established. Check the call home configuration on the management console server.	451
CMUN80075E <i>SOURCE</i> A call home service connection could not be established. Check the call home configuration on the management console server.	452
CMUN80076E <i>SOURCE</i> A call home service connection could not be established. Check the call home configuration on the management console server.	452
CMUN80077E <i>SOURCE</i> A call home service connection could not be established. Check the call home configuration on the management console server.	452
CMUN80078E <i>REFERENCE</i> The host worldwide port name (WWPN) that you are submitting is already assigned to one of the storage unit I/O ports..	452
CMUN80079E <i>REFERENCE</i> Host port does not exist.. . . .	453
CMUN80080E <i>REFERENCE</i> The firmware upgrade has failed because the code bundle could not be unpacked.	453

CMUN80081E <i>REFERENCE</i> You cannot close this problem because at least one of the hardware resources associated with this problem is in a Failed state.	453
CMUN80082E <i>REFERENCE</i> The concurrent firmware upgrade is only valid when the both processor cards are fully operational.	453
CMUN80083E <i>REFERENCE</i> The audit log location does not exist.	454
CMUN80084E <i>FILE_NAME</i> Failed to write to the audit log file.	454
CMUN80085E <i>REFERENCE</i> You are not authorized to access the files and directories on the management console.	454
CMUN80086E <i>REFERENCE</i> The firmware update has failed. There is no response from the storage unit.	454
CMUN80087E <i>REFERENCE</i> The firmware update has failed. No progress reported.	455
CMUN80088E <i>REFERENCE</i> The customer name is invalid.	455
CMUN80089E <i>REFERENCE</i> You are not authorized to create a directory on the management console.	455
CMUN80090E <i>REFERENCE</i> Trace data collection has failed.	456
CMUN80091E <i>REFERENCE</i> The concurrent firmware update operation reports an internal error. The concurrent firmware update did not start because prerequisite conditions are not met, or the concurrent firmware update stopped prematurely.	456
CMUN80092E <i>SOURCE</i> The nonconcurrent firmware update reports an internal error. The nonconcurrent firmware update did not start, or stopped prematurely.	456
CMUN80093E <i>REFERENCE</i> You are attempting a service operation that cannot start because it is not supported on the current version of firmware that is installed on the storage unit.	457
CMUN80094E <i>REFERENCE</i> You are attempting a service operation that cannot start because the storage unit cannot be quiesced.	457
CMUN80095E <i>REFERENCE</i> You are attempting a service operation that cannot be executed because a storage unit is not defined with the IP address of both processor cards and the machine type and serial number that you are using.	457
CMUN80096E <i>REFERENCE</i> You are attempting a service operation that cannot start because one of the processor cards on the storage unit is fenced.	458
CMUN80097E <i>REFERENCE</i> A failure in the storage unit prevented service tracks from being cleared.	458
CMUN80098E <i>REFERENCE</i> You are attempting a service operation that cannot start because of problems in the storage unit.	458

CMUN80099E <i>REFERENCE</i> You are attempting a firmware update. This operation did not start or the operation ended prematurely because a hardware problem exists.	458
CMUN80100E <i>REFERENCE</i> You are attempting a firmware update. This operation did not start or the operation ended prematurely because a software problem exists.	459
CMUN80101E <i>REFERENCE</i> You are attempting to close a problem that refers to a removed enclosure. The problem cannot be closed because there is a logical configuration of a storage unit that refers to an array in this enclosure.	459
CMUN80102E <i>SOURCE</i> The service operation cannot be completed because the guest password that you entered is not correct.	459
CMUN80103E <i>SOURCE</i> You are attempting to take offline a hardware resource that is in the Failed state.	460
CMUN80104E <i>SOURCE</i> You are attempting to take offline a hardware resource that is in the Inappropriate state.	460
CMUN80105E <i>SOURCE</i> You are attempting to take a hardware resource offline but it is no longer present.	460
CMUN80106E <i>SOURCE</i> You are attempting a firmware update operation. The firmware update operation did not complete because the operation timed out.	460
CMUN80107E <i>SOURCE</i> You are attempting a firmware update operation. The firmware update operation did not complete because another firmware update operation is in progress.	461

CMUN80110E <i>SOURCE</i> The management console has failed to establish a connection with the storage units.	461
CMUN80111E <i>SOURCE</i> Internal error.	461
CMUN80112E <i>SOURCE</i> Internal error.	461

| **Chapter 10. System resource codes and messages 463**

Notices 497

Accessibility.	498
Trademarks	499
Terms and conditions.	500
Electronic emission notices	501
Federal Communications Commission (FCC) statement.	501
Industry Canada compliance statement.	501
European Union EMC Directive conformance statement.	501
Japanese Voluntary Control Council for Interference (VCCI) class A statement	503
Korean Ministry of Information and Communication (MIC) statement	503
Taiwan class A compliance statement	503

Index 505

Tables

Notices and publication information

This section contains information about safety notices that are used in this guide, environmental notices for this product, publication information, and information about sending your comments to IBM.

Safety notices

Complete this task to find information about safety notices.

To find the translated text for a danger or caution notice:

1. Look for the identification number at the end of each danger notice or each caution notice. In the following examples, the numbers **1000** and **1001** are the identification numbers.

DANGER

A danger notice indicates the presence of a hazard that has the potential of causing death or serious personal injury.

1000

CAUTION:

A caution notice indicates the presence of a hazard that has the potential of causing moderate or minor personal injury.

1001

2. Find the number that matches in the *IBM System Storage Solutions Safety Notices for IBM Versatile Storage Server and IBM System Storage Enterprise Storage Server, GC26-7229*.

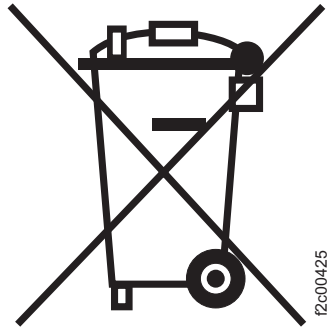
Environmental notices

This section identifies the environmental guidelines that pertain to this product.

Product recycling and disposal

This unit contains recyclable materials.

This unit must be recycled or discarded according to applicable local and national regulations. IBM® encourages owners of information technology (IT) equipment to responsibly recycle their equipment when it is no longer needed. IBM offers a variety of product return programs and services in several countries to assist equipment owners in recycling their IT products. Information on IBM product recycling offerings can be found on IBM's Internet site at <http://www.ibm.com/ibm/environment/products/prp.shtml>.



Notice: This mark applies only to countries within the European Union (EU) and Norway.

Appliances are labeled in accordance with European Directive 2002/96/EC concerning waste electrical and electronic equipment (WEEE). The Directive determines the framework for the return and recycling of used appliances as applicable throughout the European Union. This label is applied to various products to indicate that the product is not to be thrown away, but rather reclaimed upon end of life per this Directive.

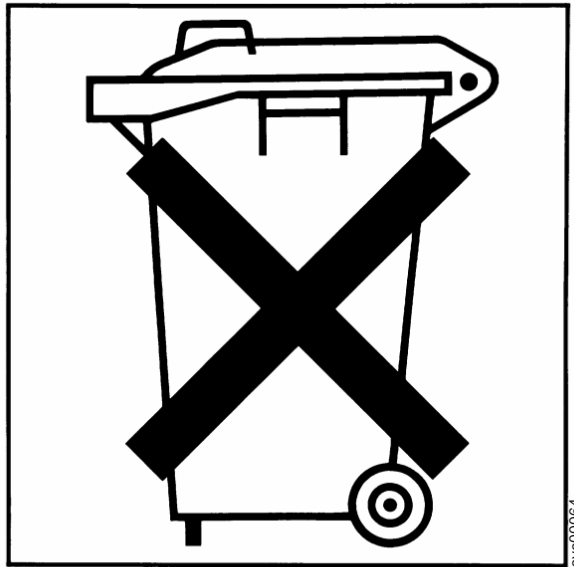
In accordance with the European WEEE Directive, electrical and electronic equipment (EEE) is to be collected separately and to be reused, recycled, or recovered at end of life. Users of EEE with the WEEE marking per Annex IV of the WEEE Directive, as shown above, must not dispose of end of life EEE as unsorted municipal waste, but use the collection framework available to customers for the return, recycling and recovery of WEEE. Customer participation is important to minimize any potential effects of EEE on the environment and human health due to the potential presence of hazardous substances in EEE. For proper collection and treatment, contact your local IBM representative.

Battery return program

This product may contain sealed lead acid, nickel cadmium, nickel metal hydride, lithium, or lithium ion battery. Consult your user manual or service manual for specific battery information. The battery must be recycled or disposed of properly. Recycling facilities may not be available in your area. For information on disposal of batteries outside the United States, go to <http://www.ibm.com/ibm/environment/products/index.shtml> or contact your local waste disposal facility.

In the United States, IBM has established a return process for reuse, recycling, or proper disposal of used IBM sealed lead acid, nickel cadmium, nickel metal hydride, and other battery packs from IBM Equipment. For information on proper disposal of these batteries, contact IBM at 1-800-426-4333. Please have the IBM part number listed on the battery available prior to your call.

In the Netherlands the following applies:



For Taiwan:



Please recycle batteries.

廢電池請回收

How to send your comments

Your feedback is important to help us provide the highest quality information. If you have any comments about this information or any other DS6000™ series documentation, you can submit them in the following ways:

- e-mail

Submit your comments electronically to the following e-mail address:

starpubs@us.ibm.com

Be sure to include the name and order number of the book and, if applicable, the specific location of the text you are commenting on, such as a page number or table number.

- Mail

Fill out the Readers' Comments form (RCF) at the back of this book. Return it by mail or give it to an IBM representative. If the RCF has been removed, you can address your comments to:

International Business Machines Corporation
RCF Processing Department
Department 61C
9032 South Rita Road
TUCSON AZ 85775-4401

Chapter 1. Messages

This section provides information related to messages for the DS storage manager, including information on Framework messages, the command-line interface, Copy Services, the console and the console server. Refer to the "About messages" topic for additional information on message types and organization.

Chapter 2. About messages

Message types and organization.

Three types of messages are issued to you from the user interfaces and supporting software:

- **Informational messages** are identified by the letter “I” at the end of the message identifier. They provide information about activities as they take place. For instance, an informational message might report that a volume was successfully created. No user action is necessary.
- **Warning messages** are identified by the letter “W” at the end of the message identifier. They warn that activities might have consequences that you do not anticipate. Warning messages normally provide the opportunity to continue an activity or to cancel it.
- **Error messages** are identified by the letter “E” at the end of the message identifier. They indicate that an error has occurred. Refer to the explanations and recommended actions in this document to resolve the problem.

The messages in this document are grouped by the reporting interface or software:

- **Framework** message identifiers are prefixed by the letters “CMMC” and “CMUF”. The framework is the basic software that supports your user interface.
- **Command-line interface** message identifiers are prefixed by the letters “CMUC” and “CMUD”.
- **DS Storage manager** message identifiers are prefixed by the letters “CMUG”, “CMUI”, “CMUL”, “CMUR” and “CMUS”.
- **Storage management console server** message identifiers are prefixed by the letters “CMUN”.

For scripting, the message identifier remains constant in content and position. The remainder of the message is subject to change without notification. Do not use any portion of the message other than the message identifier for customer defined scripts.

Note: OpenVMS systems display framework and command-line interface message identifiers prefixed by the letters “IBMDCLI_”.

Chapter 3. Framework messages

Framework messages

These messages are issued by the user interface framework.

CMMCI9001E Command *command_name* resulted in an internal server error (error number *return_code*). View the log file for details.

Explanation

An unexpected value was returned for this command.

Action

Run the command again. If the problem persists, contact your service representative.

CMMCI9002I Command *command_name* halted.

Explanation

The command *command_name* was unexpectedly halted.

Action

Perform the following actions to resolve the problem.

1. View the cluster log to determine if other errors might be causing this error.
2. Run the command again.
3. If the problem persists, contact your service representative.

CMMCI9003W No *object_name* instances found in the system.

Explanation

You attempted to list all instances of *object_name*. No instances were found.

Action

No action is required.

CMMCI9004E Cannot modify *object_type* *object_name* because it does not exist.

Explanation

You are attempting to modify the attributes for the *object_type* named *object_name*, but *object_name* does not exist.

Action

Make sure that the object with the attributes that you are modifying exists.

CMMCI9005I There is nothing to modify.

Explanation

You are attempting to modify the attributes for an object, but the values that you specified are already defined for that object.

Action

If you must modify the attributes for an object, run the command again. Ensure that you are specifying different attribute values.

CMMCI9006E No *class_type* instances *object_name* found that match criteria: *criteria*.

Explanation

You are attempting to list all occurrences of an object, but no instances of the object that meet your search criteria were found.

Action

If the search criteria that you specified were correct, no action is required. Otherwise, attempt to list all occurrences of the object again by specifying different search criteria.

CMMCI9007E *object_type* *object_name* does not exist.

Explanation

You are attempting to run a command on an object that does not exist.

Action

Ensure that you are running this command on an existing object.

CMMCI9008I Unsupported command *command_name* completed successfully.

Explanation

The command *command_name* is not a supported command. However, the command did complete successfully.

Action

No action is required.

CMMCI9009E The unsupported *command_name* command failed with a value *return_code*

Explanation

The command *command_name* is not a supported command. The command did not complete successfully.

Action

Make sure that you are running only supported commands.

CMMCI9010E The command did not complete successfully.

Explanation

The command did not complete successfully.

Action

Verify that you are using the correct syntax. Then run the command again.

CMMCI9013E Command: *command_name* was not found.

Explanation

You attempted to run a command that does not exist.

Action

Make sure that you run valid administrative command-line interface commands. Enter "help" for a list of available commands.

CMMCI9014E The parameter *-parameter_name* is not valid.

Explanation

You attempted to run a command, but the parameter that you specified is not valid.

Action

Run the command again, specifying valid parameters. Enter "help *command_name*" for a list of valid parameters.

CMMCI9015E The value *value* for parameter *-parameter_name* is not formatted correctly.

Explanation

The parameter that you specified is not formatted correctly.

Action

Run the command again, specifying parameter values that are formatted correctly. Enter "help command_name" for a list of valid parameters.

CMMCI9016E Missing parameter name after -.

Explanation

You specified a dash, but you did not specify a parameter name after the dash.

Action

Run the command again using correct parameters. Enter "help command_name" for a list of valid parameters.

CMMCI9017E Parameter *parameter_name* is already specified.

Explanation

You are attempting to specify the same parameter twice on a single command.

Action

Run the command again, specifying the parameter only once. Enter "help command_name" for a list of valid parameters.

CMMCI9018E Parameter *parameter_name* is missing a required value.

Explanation

The parameter *parameter_name* requires a value.

Action

Run the command again, specifying valid values for all parameters. Enter "help command_name" for a list of valid parameters and values.

CMMCI9019E The value for *parameter_name*: *value* is not valid.

Explanation

The value that you specified for the listed parameter name is not valid.

Action

Run the command again, specifying valid values for all parameters. Enter "help command_name" for a list of valid parameters and values.

CMMCI9021E Command *command_name* is not formatted correctly.

Explanation

The command that you specified is not formatted correctly.

Action

Run the command again, making sure that it is formatted correctly. Enter "help command_name" for the correct format.

CMMCI9022E Missing required parameter: *parameter_name*.

Explanation

The parameter *parameter_name* is required.

Action

Run the command again, specifying all required parameters. Enter "help command_name" for a list of valid parameters and values.

CMMCI9023E *parameter_name* is mutually exclusive of *parameter_name*

Explanation

You specified two parameters that cannot be used together. You cannot specify both parameters on a single command.

Action

Run the command again, specifying only one of the parameters.

CMMCI9024E *value* exceeds the maximum allowable value of *maximum_value* for the parameter *command_name*

Explanation

The value that you specified is greater than the maximum value that is allowed for this parameter.

Action

Run the command again, specifying valid values for all parameters. Enter "help command_name" for a list of valid parameters and parameter values.

CMMCI9025E *value* does not meet the minimum allowable value of *minimum_value* for the parameter *parameter_name*

Explanation

The value that you specified is less than the minimum value that is allowed for this parameter.

Action

Run the command again, specifying valid values for all parameters. Enter "help command_name" for a list of valid parameters and parameter values.

CMMCI9026E Unmatched *character_value* characters.**Explanation**

There are unmatched *character_value* characters in the command that you specified.

Action

Run the command again, making sure that you specify matching *character_value* characters, such as matching quotation marks. Enter "help *command_name*" for a list of valid parameters and parameter values.

CMMCI9027E Invalid value for *parameter_name*. The length exceeds *maximum_length* characters.**Explanation**

The length of the value that you specified for this parameter exceeds the maximum length for this value.

Action

Run the command again, making sure that the length of the value that you specify for this parameter is not greater than the maximum length. Enter "help *command_name*" for a list of valid parameters and parameter values.

CMMCI9028E The value *value* specified for parameter *parameter_value* is not valid.**Explanation**

The value that you specified for this parameter is not valid for this parameter.

Action

Run the command again, making sure that you specify valid values for all parameters. Enter "help *command_name*" for a list of valid parameters and parameter values.

CMMCI9029E *object_type object_name* does not exist.**Explanation**

You specified the object *object_type* with the name *object_name*, but it does not exist.

Action

Run the command again, making sure that you specify an existing object. Enter "help *command_name*" for a list of valid parameters and parameter values.

CMMCI9030E Value *value* cannot be accepted with any other value for the *-parameter_name* parameter.

Explanation

You specified multiple values for the parameter *parameter_name*. However, if you specify the parameter value of *value*, it must be the only value that is specified for this parameter.

Action

Run the command again, making sure that you specify valid parameter values. Enter "help *command_name*" for a list of valid parameters and parameter values.

CMMCI9031E The help page for command *command_name* does not exist.

Explanation

You requested help for the command *command_name*, but no help exists for this command.

Action

Make sure that you are requesting help for a valid command. Enter "help" for a list of available commands.

CMMCI9032E You must specify parameter *parameter_name* if you specify parameter *parameter_name*

Explanation

If you specify one of these parameters on a command, you must specify both parameters.

Action

Run the command again, making sure that you specify both parameters. Enter "help *command_name*" for a list of valid parameters and parameter values.

CMMCI9033E File *file_name* does not exist.

Explanation

The file name that you specified does not exist.

Action

Run the command again, making sure that you specify a valid file name.

CMMCI9034E Parameter *parameter_name* cannot be used in the same command as parameter *parameter_name*.

Explanation

These two parameters cannot be used together. You cannot specify both of them in the same command.

Action

Run the command again, making sure that you specify only one of these parameters. Enter "help command_name" for a list of valid parameters and parameter values.

CMMCI9035E *object_type* *object_name* already exists.

Explanation

You are attempting to create an object of type *object_type* by the name *object_name*, but it already exists.

Action

Make sure that this is the object that you are trying to create. If so, no action is required. If not, run the command again using a new object name.

CMMCI9036E The value *value* for parameter *-parameter_name* is already specified.

Explanation

You are attempting to specify the same parameter twice in a single command.

Action

Run the command again, specifying the parameter only once. Enter "help command_name" for a list of valid parameters.

CMMCI9037E Multiple targets not allowed for command *command_name*

Explanation

You cannot specify multiple targets for this command.

Action

Run the command again, specifying a single target. Enter "help command_name" for a list of valid parameters and parameter values.

CMMCI9038E You cannot specify multiple *values* when using the *parameter_name* parameter.

Explanation

You specified multiple values for the parameter *parameter_name*. You can specify only a single value for this parameter.

Action

Run the command again, making sure that you specify valid parameter values. Enter "help *command_name*" for a list of valid parameters and parameter values.

CMMCI9039E The value *value* for *parameter_name* is not valid. It contains unsupported characters.

Explanation

You specified a value for this parameter that contains unsupported characters.

Action

Run the command again, making sure that you specify valid parameter values. Enter "help *command_name*" for a list of valid parameters and parameter values.

CMMCI9040E The value *value* for the parameter *parameter_name* is not valid. It contains unsupported characters.

Explanation

You specified an object name that contains unsupported characters.

Action

Run the command again, making sure that you specify a valid object name. Enter "help *command_name*" for a list of valid parameters and parameter values.

CMMCI9041E The value for *parameter_name* is not valid. You must specify either *value1* or *value2*.

Explanation

You specified a value for this parameter that is not valid. You must specify either *value1* or *value2*.

Action

Run the command again, making sure that you specify valid values for all parameters. Enter "help *command_name*" for a list of valid parameters and parameter values.

CMMCI9042E The value for the parameter *-parameter_name* cannot contain a *value*.

Explanation

You specified a value for this parameter that is not valid.

Action

Run the command again, making sure that you specify valid values for all parameters. Enter "help command_name" for a list of valid parameters and parameter values.

CMMCI9043E Number of entries (*entries*) is exceeded for the *-parameter_name* parameter.

Explanation

You specified too many values for this parameter.

Action

Run the command again, making sure that you specify valid values for all parameters. Enter "help command_name" for a list of valid parameters and parameter values.

CMMCI9044E Entry *entry_value* exceeds the length limit (*entry_limit*) for one item for the *-parameter_name* parameter.

Explanation

The length of the value that you specified for this parameter is too long.

Action

Run the command again, making sure that you specify valid values for all parameters. Enter "help command_name" for a list of valid parameters and parameter values.

CMMCI9045E The value for *-parameter_name* must be operator the current setting of *value*.

Explanation

The value that you specified for the listed operator is not valid. The operator explains how value must be changed.

Action

Run the command again, making sure that you specify valid values for all parameters. Enter "help command_name" for a list of valid parameters and parameter values.

CMMCI9046E Unrecognized syntax error in command *command_name***Explanation**

There is a syntax error in the command that you specified.

Action

Run the command again, making sure that you use a valid syntax. Enter "help *command_name*" for the syntax to use.

CMMCI9047E Cannot run *command_name* as a command within the *application_name* application. Tip: Enter "help *command_name*" for more information.**Explanation**

You cannot specify the command *command_name* within this application.

Action

Enter "help *command_name*" for more information about using this command.

CMMCI9048E The date provided: *date_value* is invalid. Tip: Correct format for the date field is YYYY-MM-DD**Explanation**

The value that you entered for the date is invalid.

Action

The format of the date field is YYYY-MM-DD. Check that the value that you entered follows this format and is a valid date.

CMMCI9049E You must specify one flag from the following group when issuing this command: *param_group*.**Explanation**

It is required that one of the parameters that is specified in the grouping is provided for this command.

Action

Restate the command with the correct list of required parameters.

CMMCI9050E The "-" option is not valid in interactive mode. Tip: If you intended to use this as a value substitution indicator, you must enter the value.

Explanation

Using the operator to instruct the process to read from stdin while in interactive mode is illegal.

Action

Do not use the stdin read operator. Provide the actual value instead.

CMUF00000E You must enter a user name.

Explanation

You must enter a user name to log into the DS Storage Manager.

Action

Enter a user name, and then resubmit the task.

CMUF00001E You must enter a password.

Explanation

You must enter a password to log into the DS Storage Manager.

Action

Enter a password, and then resubmit the task.

CMUF00002E You must enter a user name and a password.

Explanation

You must enter a user name and a password to log into the DS Storage Manager.

Action

Enter a user name and a password, and then resubmit the task.

CMUF00003E The panel you requested encountered an internal error.

Explanation

You might be able to resolve the problem locally by closing the current panel and reopening it, or by closing the DS Storage Manager application and reopening it. If you are using the Internet Explorer browser, ensure that the Discuss feature is not enabled. Your system administrator might be able to resolve the problem at the management console by stopping and restarting the DS network interface processes.

Action

At your desktop, one of the following might resolve the problem:

- Close the current panel, reopen it, and then request the panel again.
- Log out of the DS Storage Manager interface, close the application, reopen it, log back in, navigate to the current panel, and then request the panel again.
- If you are using the Internet Explorer browser, select the View menu, select Explorer Bar from the View menu, and ensure that the Discuss feature is not enabled.

If you cannot resolve the problem at your desktop, ask your system administrator to perform one of the following actions:

For Linux operating systems, stop and restart the DS network interface processes.

For Windows operating systems, perform the following steps:

1. Stop the IBM DS Network Interface Server Service.
2. Stop the IBM Websphere Application Service Service.
3. Start the IBM DS Network Interface Server Service.
4. Start the IBM Websphere Application Service Service.

If the problem persists, collect the PE package and contact IBM technical support for assistance.

Chapter 4. DS command-line interface messages

DS CLI messages

These messages are issued by the DS command-line interface.

CMUC00000I *COMMAND_INFO* Extent pool *VALUE_0* successfully created.

Explanation

The extent pool has been created successfully.

Action

None.

CMUC00001I *COMMAND_INFO* Extent pool *VALUE_0* successfully modified.

Explanation

The extent pool has been modified successfully.

Action

None.

CMUC00002W *COMMAND_INFO* Are you sure you want to delete extent pool *EXTENT_POOL_ID*? [y/n]:

Explanation

You are being asked to confirm that you want to delete the extent pool.

Action

Enter Y to delete the extent pool. Enter N to cancel the operation.

CMUC00003I *COMMAND_INFO* Extent pool *VALUE_0* successfully deleted.

Explanation

The extent pool has been deleted successfully.

Action

None.

CMUC00004I *COMMAND_INFO* Array *VALUE_0* successfully created.

Explanation

The array has been created successfully.

Action

None.

CMUC00005W *COMMAND_INFO* Are you sure you want to delete array *ARRAY_ID*? [y/n]:

Explanation

You are being asked to confirm that you want to delete the array.

Action

Enter Y to delete the array. Enter N to cancel the operation.

CMUC00006I *COMMAND_INFO* Array *VALUE_0* successfully deleted.

Explanation

The array has been deleted successfully.

Action

None.

CMUC00007I *COMMAND_INFO* Rank *VALUE_0* successfully created.

Explanation

The rank has been created successfully.

Action

None.

CMUC00008I *COMMAND_INFO* Rank *VALUE_0* successfully modified.

Explanation

The rank has been modified successfully.

Action

None.

CMUC00009W *COMMAND_INFO* Are you sure you want to delete rank *RANK_ID*? [y/n]:

Explanation

You are being asked to confirm that you want to delete the rank.

Action

Enter Y to delete the rank. Enter N to cancel the operation.

CMUC00010I *COMMAND_INFO* Rank *VALUE_0* successfully deleted. NOTE: The rank might still be visible to queries until reformatting completes.

Explanation

The rank has been deleted successfully. However, device reformatting can take up to several hours to complete, depending on the size of the devices. The rank might still be visible in queries until reformatting completes.

Action

None.

CMUC00011I *COMMAND_INFO* I/O Port *VALUE_0* successfully configured.

Explanation

The I/O port has been configured successfully.

Action

None.

CMUC00012I *COMMAND_INFO* Host connection *VALUE_0* successfully created.

Explanation

The host connection has been created successfully.

Action

None.

CMUC00013I *COMMAND_INFO* Host connection *VALUE_0* successfully modified.

Explanation

The host connection has been modified successfully.

Action

None.

CMUC00014W *COMMAND_INFO* Are you sure you want to delete host connection *HOST_CONNECT_ID*? [y/n]:

Explanation

You are being asked to confirm that you want to delete the host connection.

Action

Enter Y to delete the host connection. Enter N to cancel the operation.

CMUC00015I *COMMAND_INFO* Host connection *VALUE_0* successfully deleted.

Explanation

The host connection has been deleted successfully.

Action

None.

CMUC00016I *COMMAND_INFO* Port group number *PORT_GROUP* successfully modified.

Explanation

The port group has been modified successfully.

Action

None.

CMUC00017I *COMMAND_INFO* LCU *VALUE_0* successfully created.

Explanation

The logical control unit has been created successfully.

Action

None.

CMUC00018I *COMMAND_INFO* LCU *VALUE_0* successfully modified.

Explanation

The logical control unit has been modified successfully.

Action

None.

CMUC00019W *COMMAND_INFO* Are you sure you want to delete LCU *LCU_ID*? [y/n]:

Explanation

You are being asked to confirm that you want to delete the logical control unit.

Action

Enter Y to delete the logical control unit. Enter N to cancel the operation.

CMUC00020I *COMMAND_INFO* LCU *VALUE_0* successfully deleted.

Explanation

The logical control unit has been deleted successfully.

Action

None.

CMUC00021I *COMMAND_INFO* CKD Volume *VALUE_0* successfully created.

Explanation

The count-key-data volume has been created successfully.

Action

None.

CMUC00022I *COMMAND_INFO* CKD Volume *VALUE_0* successfully modified.

Explanation

The count-key-data volume has been modified successfully.

Action

None.

CMUC00023W *COMMAND_INFO* Are you sure you want to delete CKD volume *VOLUME_ID*? [y/n]:

Explanation

You are being asked to confirm that you want to delete the count-key-data volume.

Action

Enter Y to delete the volume. Enter N to cancel the operation.

CMUC00024I *COMMAND_INFO* CKD volume *VALUE_0* successfully deleted.

Explanation

The count-key-data volume has been deleted successfully.

Action

None.

CMUC00025I *COMMAND_INFO* **FB volume** *VALUE_0* **successfully created.**

Explanation

The fixed block volume has been created successfully.

Action

None.

CMUC00026I *COMMAND_INFO* **FB volume** *VALUE_0* **successfully modified.**

Explanation

The fixed block volume has been modified successfully.

Action

None.

CMUC00027W *COMMAND_INFO* **Are you sure you want to delete FB volume**
VOLUME_ID? **[y/n]:**

Explanation

You are being asked to confirm that you want to delete the fixed block volume.

Action

Enter Y to delete the volume. Enter N to cancel the operation.

CMUC00028I *COMMAND_INFO* **FB volume** *VALUE_0* **successfully deleted.**

Explanation

The fixed block volume has been deleted successfully.

Action

None.

CMUC00029I *COMMAND_INFO* **LSS** *VALUE_0* **successfully modified.**

Explanation

The logical subsystem has been modified successfully.

Action

None.

CMUC00030I *COMMAND_INFO* Volume group *VALUE_0* successfully created.

Explanation

The volume group has been created successfully.

Action

None.

CMUC00031I *COMMAND_INFO* Volume group *VALUE_0* successfully modified.

Explanation

The volume group has been modified successfully.

Action

None.

CMUC00032W *COMMAND_INFO* Are you sure you want to delete volume group *VOLGRP_ID*? [y/n]:

Explanation

You are being asked to confirm that you want to delete the volume group.

Action

Enter Y to delete the volume group. Enter N to cancel the operation.

CMUC00033I *COMMAND_INFO* Volume group *VALUE_0* successfully deleted.

Explanation

The volume group has been deleted successfully.

Action

None.

CMUC00034W *COMMAND_INFO* Data can be lost. You have requested an operation that discards a portion of the volume. Are you sure that you want to delete tracks *START* to *END* on volume *VOLUME_ID*? [y/n]:

Explanation

You are being asked to confirm that you want to delete pinned data.

Action

Enter Y to delete the data. Enter N to cancel the operation.

CMUC00035I *COMMAND_INFO* Pinned tracks *START* to *END* on volume *VOLUME_ID* successfully deleted.

Explanation

The pinned track data on the volume has been deleted successfully.

Action

None.

CMUC00036W *COMMAND_INFO* Are you sure you want to reset the access state for volume *VOLUME_ID*? [y/n]:

Explanation

You are being asked to confirm that you want to restore access to the volume by resetting the volume access state.

Action

Enter Y to restore access to the volume. Enter N to cancel the operation.

CMUC00037I *COMMAND_INFO* Access state for volume *VOLUME_ID* successfully reset.

Explanation

Access to the volume has been restored successfully. The access state has been reset.

Action

None.

CMUC00038W *COMMAND_INFO* Are you sure you want to clear volume *VOLUME_ID*? [y/n]:

Explanation

You are being asked to confirm that you want to clear the Copy Services relationships for the base volume.

Action

Enter Y to clear the volume. Enter N to cancel the operation.

CMUC00039I *COMMAND_INFO* No FlashCopy or Remote Mirror and Copy relationships exist for volume *VOLUME_ID*. The volume is clear.

Explanation

No Copy Services relationships can be found for this volume. No action can be taken because the volume is already clear.

Action

None.

CMUC00040I *COMMAND_INFO* Storage complex *VALUE_0* successfully modified.

Explanation

The storage complex has been modified successfully.

Action

None.

CMUC00041I *COMMAND_INFO* Storage unit *VALUE_0* successfully modified.

Explanation

The storage unit has been modified successfully.

Action

None.

CMUC00042I *COMMAND_INFO* Storage image *VALUE_0* successfully modified.

Explanation

The storage image has been modified successfully.

Action

None.

CMUC00043I *COMMAND_INFO* Environment variable successfully set.

Explanation

The command-line interface environment variable has been set successfully.

Action

None.

CMUC00044E *COMMAND_INFO* **Unknown error returned by management console server.**

Explanation

The management console server reports a failure for unknown reasons.

Action

Verify that the correct versions of the management console server software and the command-line interface are installed. If the problem persists, contact IBM technical support for assistance.

CMUC00045E *COMMAND_INFO ERROR_CODE* **Unknown error code returned by management console server. Contact IBM technical support for assistance.**

Explanation

The management console server returns an unknown error code.

Action

Contact IBM technical support for assistance.

CMUC00046E *COMMAND_INFO* **Failure returned by management console server.**

Explanation

The management console server reports that the operation fails.

Action

Specify the command and the parameters properly, and then resubmit the command. Verify that the correct versions of the management console server software and the command-line interface are installed. If the problem persists, contact IBM technical support for assistance.

CMUC00047E *COMMAND_INFO* **Resource *VALUE_0* does not exist.**

Explanation

The resource that is specified as a command parameter cannot be found.

Action

Correctly specify the resource, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00048E *COMMAND_INFO* Array site *VALUE_0* does not exist.**Explanation**

You are attempting to list, show, or create an array, but the array site that is specified as a command parameter cannot be found.

Action

Correctly specify the array site, or resubmit the command with another array site ID.

Tip: Enter "help command_name" for more information.

CMUC00049E *COMMAND_INFO* Array ID *VALUE_0* does not exist.**Explanation**

The array that is specified as a command parameter cannot be found.

Action

Correctly specify the array ID, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00050E *COMMAND_INFO* Rank ID *VALUE_0* does not exist.**Explanation**

You are attempting to list, show, change, or remove a rank, but the rank that is specified as a command parameter cannot be found.

Action

Correctly specify the rank ID, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00051E *COMMAND_INFO* Extent pool *VALUE_0* does not exist.**Explanation**

The extent pool that is specified as a command parameter cannot be found.

Action

Specify the correct extent pool ID, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00052E *COMMAND_INFO* Storage image *VALUE_0* does not exist.**Explanation**

The storage image that is specified as a command parameter (for example, -dev) cannot be found.

Action

Specify a valid storage image, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00053E *COMMAND_INFO* I/O port *VALUE_0* does not exist.**Explanation**

The I/O port that is specified as a command parameter cannot be found.

Action

Specify the correct I/O port ID, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00054E *COMMAND_INFO* LSS *VALUE_0* does not exist.**Explanation**

The logical subsystem ID that is specified as a command parameter cannot be found.

Action

Specify the correct logical subsystem ID, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00055E *COMMAND_INFO* Storage image ID *VALUE_0* does not exist.**Explanation**

The storage image ID that is specified as a command parameter cannot be found.

Action

Specify the correct storage image ID, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00056E *COMMAND_INFO* Storage image *VALUE_0* does not exist.**Explanation**

You attempting to list a storage image, but the storage image ID that is specified as a command parameter cannot be found.

Action

Specify the correct storage image ID, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00057E *COMMAND_INFO* Volume group *VALUE_0* does not exist.**Explanation**

The volume group ID that is specified as a command parameter cannot be found.

Action

Specify the correct volume group ID, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00058E *COMMAND_INFO* Volume *VALUE_0* does not exist.**Explanation**

The volume ID that is specified as a command parameter cannot be found.

Action

Specify the correct volume ID, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00059E *COMMAND_INFO* Storage complex *VALUE_0* does not exist.**Explanation**

The storage complex that is specified as a command parameter cannot be found.

Action

Specify the correct storage complex, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00060E *COMMAND_INFO* Enclosure *VALUE_0* does not exist.**Explanation**

The enclosure that is specified as a command parameter cannot be found.

Action

Specify the correct enclosure, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00061E *COMMAND_INFO* **CEC enclosure VALUE_0 does not exist.****Explanation**

The computer electronic complex (CEC) enclosure that is specified as a command parameter cannot be found.

Action

Specify the correct CEC enclosure, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00062E *COMMAND_INFO* **management console enclosure VALUE_0 does not exist.****Explanation**

The management console enclosure that is specified as a command parameter cannot be found.

Action

Specify the correct management console enclosure, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00063E *COMMAND_INFO* **I/O enclosure VALUE_0 does not exist.****Explanation**

The input/output (I/O) enclosure that is specified as a command parameter cannot be found.

Action

Specify the correct I/O enclosure, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00064E *COMMAND_INFO* **Processor complex enclosure VALUE_0 does not exist.****Explanation**

The processor complex enclosure that is specified as a command parameter cannot be found.

Action

Specify the correct processor complex enclosure, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00065E *COMMAND_INFO* **Frame enclosure VALUE_0 does not exist.****Explanation**

The frame enclosure that is specified as a command parameter cannot be found.

Action

Specify the correct frame enclosure, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00066E *COMMAND_INFO* **Expansion enclosure VALUE_0 does not exist.****Explanation**

The expansion enclosure that is specified as a command parameter cannot be found.

Action

Specify the correct expansion enclosure, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00067E *COMMAND_INFO* **Hardware resource VALUE_0 does not exist.****Explanation**

The hardware resource that is specified as a command parameter cannot be found.

Action

Specify the correct hardware resource, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00068E *COMMAND_INFO* **Host connection VALUE_0 does not exist.****Explanation**

The host connection that is specified as a command parameter cannot be found.

Action

Specify the correct host connection, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00069E *COMMAND_INFO* **Invalid storage image ID VALUE_0.****Explanation**

The format of the specified storage image ID is incorrect.

Action

Specify the storage image ID in the correct format, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00070E *COMMAND_INFO* Inconsistent storage image ID VALUE_0.

Explanation

Two or more different storage image IDs are specified in a single command.

Action

Specify only one storage image ID, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00071E *COMMAND_INFO* Invalid ID VALUE_0.

Explanation

The format of the specified ID is incorrect.

Action

Specify the ID in the correct format, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00072E *COMMAND_INFO* Invalid array site ID VALUE_0.

Explanation

The format of the array site ID is incorrect.

Action

Specify the array site ID in the correct format, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00073E *COMMAND_INFO* Invalid array ID VALUE_0.

Explanation

The format of the array ID is incorrect.

Action

Specify the array ID in the correct format, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00074E *COMMAND_INFO* Invalid Rank ID *VALUE_0*.**Explanation**

The format of the rank ID is incorrect.

Action

Specify the rank ID in the correct format, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00075E *COMMAND_INFO* Invalid extent pool ID *VALUE_0*.**Explanation**

The format of the extent pool ID is incorrect.

Action

Specify the extent pool ID in the correct format, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00076E *COMMAND_INFO* Invalid address group *VALUE_0*.**Explanation**

The format of the specified address group is incorrect.

Action

Specify the address group in the correct format, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00077E *COMMAND_INFO* Invalid storage image ID *VALUE_0*.**Explanation**

The format of the specified storage image ID is incorrect.

Action

Specify the storage image ID in the correct format, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00078E *COMMAND_INFO* Invalid I/O port *VALUE_0*.**Explanation**

The format of the specified input/output (I/O) port is incorrect.

Action

Specify the I/O port in the correct format, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00079E *COMMAND_INFO* Invalid LSS *VALUE_0*.

Explanation

The format of the specified logical subsystem is incorrect.

Action

Specify the logical subsystem in the correct format, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00080E *COMMAND_INFO* Invalid storage unit ID *VALUE_0*.

Explanation

The format of the specified storage unit ID is incorrect.

Action

Specify the storage unit ID in the correct format, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00081E *COMMAND_INFO* Invalid storage server ID *VALUE_0*.

Explanation

The format of the specified storage server ID is incorrect. Each storage image contains two storage servers: 00 and 01. You must specify a fully qualified server ID.

Example: IBM.2107-1300321/00

Action

Specify a fully qualified storage server ID, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00082E *COMMAND_INFO* Invalid volume group *VALUE_0*.

Explanation

The format of the specified volume group ID is incorrect.

Action

Specify the volume group in the correct format, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00083E *COMMAND_INFO* Invalid volume *VALUE_0*.

Explanation

The format of the specified volume ID is incorrect.

Action

Specify the volume in the correct format, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00084E *COMMAND_INFO* The specified parameter *VALUE_0* is out of range.

Explanation

The specified parameter value is not within acceptable limits.

Action

Specify the parameter within range, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00085E *COMMAND_INFO* The specified parameter *VALUE_0* is invalid.

Explanation

The specified parameter value is invalid.

Action

Specify a valid parameter value, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00086E *COMMAND_INFO* Invalid topology *TOPOLOGY* specified for I/O port *PORT*.

Explanation

The specified port topology is invalid.

Action

Specify a valid port topology, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00087E *COMMAND_INFO* **The specified LCU VALUE_0 is invalid.**

Explanation

The specified logical control unit is invalid.

Action

Specify a valid, existing logical control unit, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00088E *COMMAND_INFO* **The specified LCU VALUE_0 already exists.**

Explanation

The specified logical control unit already exists. A new ID is required.

Action

Specify a logical control unit ID that is not currently in use, and then resubmit the command.

CMUC00089E *COMMAND_INFO* **The specified ID VALUE_0 is not an LCU.**

Explanation

The specified ID exists, but it is not a logical control unit. A logical control unit is required for this operation.

Action

Specify a logical control unit, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00090E *COMMAND_INFO* **The specified ID VALUE_0 is not an LSS.**

Explanation

The specified ID exists, but it is not a logical subsystem. A logical subsystem is required for this operation.

Action

Specify a logical subsystem, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00091E *COMMAND_INFO* **The specified SSID *VALUE_0* is invalid.**

Explanation

The format of the specified subsystem ID is invalid.

Action

Specify the subsystem ID in the proper format, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00092E *COMMAND_INFO* **The specified volume ID *VALUE_0* already exists.**

Explanation

The specified volume exists.

Action

Use a volume ID not currently in use, and then resubmit the command.

CMUC00093E *COMMAND_INFO* **The specified volume *VALUE_0* is not type CKD.**

Explanation

The specified volume is a fixed block volume. The volume type must be count-key-data for this operation.

Action

Specify a count-key-data volume, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00094E *COMMAND_INFO* **The specified volume *VALUE_0* is not of type FB.**

Explanation

The specified volume is a count-key-data volume. The volume type must be fixed block for this operation.

Action

Specify a fixed block volume, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00095E *COMMAND_INFO* **No storage image ID is specified.****Explanation**

A storage image ID must be specified in your profile or by using the -dev flag with the command.

Action

Specify a storage image ID, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00096E *COMMAND_INFO* **No remote storage image ID is specified.****Explanation**

The command requires a remote storage image ID as a parameter. No remote storage image ID is specified.

Action

Include a remote storage image ID, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00097E *COMMAND_INFO* **A single resource ID is specified. A pair of resource IDs is required for this command.****Explanation**

The command requires a pair of resource IDs as a parameter. However, a single resource ID is specified.

Action

Specify a pair of resource IDs, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00098E *COMMAND_INFO* **A pair of resource IDs is specified. A single resource ID is required for this command.****Explanation**

The command issued requires a single resource ID as a parameter. However, a pair of resource IDs is specified.

Action

Specify a single resource ID, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00099E *COMMAND_INFO* A single subsystem ID *VALUE_0* is specified. A pair of subsystem IDs is required for this command.

Explanation

The command requires a pair of subsystem IDs as a parameter. A subsystem ID pair consists of two subsystem IDs that are separated by a colon, with no spaces.

Action

Specify a pair of subsystem IDs, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00100E *COMMAND_INFO* A pair of subsystem IDs *VALUE_0* is specified. A single subsystem ID is required for this command.

Explanation

The command requires a single subsystem ID as a parameter.

Action

Specify a single subsystem ID, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00101E *COMMAND_INFO* FlashCopy pairs *VALUE_0* are persistent. The -wait option cannot be specified for persistent pairs.

Explanation

The FlashCopy pairs were established as persistent, with the intention of retaining the relationship after the copy completes. This definition overrides the -wait option.

Action

Resubmit the command without the -wait option.

Tip: Enter "help command_name" for more information.

CMUC00102E *COMMAND_INFO* The -cp option must be used in conjunction with the -wait option.

Explanation

You must include a -cp flag and value when the -wait option is used with this command.

Action

Resubmit the command, specifying both -cp and -wait flags and values, or omit the -wait option.

Tip: Enter "help command_name" for more information.

CMUC00103E *COMMAND_INFO* When specifying the -range parameter, the starting and ending volume IDs must be on the same storage image.

Explanation

The -range parameter initiates a query that displays volume relationships that exist for source or target volumes within the specified volume ID range. The range is meaningless unless it is specified for volumes that are on the same storage image.

Action

Specify volumes on the same storage image, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00104E *COMMAND_INFO* The specified options for this command are incompatible or invalid: *VALUE_0*

Explanation

You are attempting to establish or change a path. Two or more of the options that have been supplied are incompatible, or at least one of the options is invalid.

Action

Specify compatible and valid options, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00105E *COMMAND_INFO* The following parameters are incompatible: *VALUE_0*.

Explanation

Two or more of the command parameters are incompatible.

Action

Specify only compatible parameters, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00106E *COMMAND_INFO* The parameter value *VALUE_0* is larger than the maximum allowable value: *VALUE_1*.

Explanation

The parameter that has been supplied is larger than the maximum value that is allowed.

Action

Specify a value equal to or lower than the maximum value that is allowed, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00107E *COMMAND_INFO* The parameter value *VALUE_0* is smaller than the minimum allowable value: *VALUE_1*.

Explanation

The parameter that has been supplied is smaller than the minimum value that is allowed.

Action

Specify a value equal to or higher than the minimum value that is allowed, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00108E *COMMAND_INFO* The Remote Mirror and Copy volume pair must be in full-duplex mode before the host server can read from target volumes.

Explanation

The No Target Read -notgtread option has been specified, and the pair is not in full-duplex mode. For the host server to read the volume, the Remote Mirror and Copy volume pair must be in full-duplex mode.

Action

Place the pair in full-duplex mode, and then resubmit the command. You can use the -mode full option to place the Remote Mirror and Copy volume pair in full-duplex mode.

Tip: Enter "help command_name" for more information.

CMUC00109E *COMMAND_INFO* The -unconditional flag is invalid unless it is used in conjunction with the -at parameter.

Explanation

The -unconditional flag indicates that a source or target volume has been selected individually, and not as a pair. It is valid only if the -at option specifies a source or a target.

Action

Specify both -unconditional and -at flags, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00110E *COMMAND_INFO* No matching candidate connection found.**Explanation**

The candidate Remote Mirror and Copy path between source and target ports cannot be established because one or both of the physical connections cannot be found.

Action

Specify existing source and target ports, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00111E *COMMAND_INFO* One or more of the specified volumes is not within the specified LSS.**Explanation**

This command requires a logical subsystem ID and one or more volume IDs. The volumes must be members of the specified logical subsystem. One or more of the volumes are not members of the specified logical subsystem.

Action

Specify only volumes within the specified logical subsystem, and then resubmit the command.

CMUC00112E *COMMAND_INFO* Port candidate *VALUE_0* is not available for an ESCON connection.**Explanation**

You are attempting to create a path between source and target logical subsystems on an IBM model 2105 storage unit over an ESCON connection. The specified port is not available for an ESCON connection. This might be because the port does not exist, because it is not identified as an ESCON port, or because it is already in use.

Action

Use the `lsavailpprcport` command to list available ports and their types. Specify an available ESCON port, and then resubmit the command.

CMUC00113E *COMMAND_INFO* Record *VALUE_0/VALUE_1* already exists in password file *FILE_NAME*.**Explanation**

You are attempting to add a password record in the password file. However, the specified user name already exists in the file.

Action

Specify a user name that is not currently in use, and then resubmit the command. If you want to change the record specified, issue the `managepwfile` command with the `-action change` flag.

CMUC00114E *COMMAND_INFO* Record *VALUE_0/VALUE_1* does not exist in password file *FILE_NAME*.

Explanation

You are attempting to change or remove a record in the password file. However, the file contains no record for the specified user name and management console.

Action

Specify a valid record, and then resubmit the command. If you want to add a new record, issue the `managepwfile` command with the `-action add` flag.

CMUC00115E *COMMAND_INFO* User account file *VALUE_0* not found.

Explanation

You are attempting to change or remove a user. The specified user account file cannot be found. This might be because the file name is incorrect, or because you lack necessary permissions.

Action

Ensure that you have appropriate permissions. Specify the correct user account file name, and then resubmit the command.

CMUC00116E *COMMAND_INFO* User account file *FILE_NAME* is used for another user.

Explanation

You are attempting to create a user. The specified user account file is in use for another user. A different file name must be specified.

Action

Specify another file name, and then resubmit the command.

CMUC00117E *COMMAND_INFO* Unable to create password file *FILE_NAME*.

Explanation

You are attempting to create a password file. The system is unable to create the file. This might be because you lack necessary permissions or have exceeded a quota.

Action

Ensure that you have appropriate file creation permissions or alter the quota, and then resubmit the command.

CMUC00118E *COMMAND_INFO* Unable to update password file *FILE_NAME*.

Explanation

You are attempting to update a password file. The system is unable to update the file. This might be because you lack necessary permissions or have exceeded a quota.

Action

Ensure that you have appropriate file permissions or alter the quota, and then resubmit the command.

CMUC00119E *COMMAND_INFO* Invalid password format.

Explanation

The format of the specified password is invalid.

- A password must be a minimum of six alphanumeric characters (a - z, A - Z, or 0 - 9) in length.
- A password must contain at least one numeric character (0 - 9).
- The initial character of the password cannot be numeric.
- Passwords are case-sensitive.

Action

Use an appropriately formatted password, and then resubmit the command.

CMUC00120E *COMMAND_INFO* Invalid password.

Explanation

The specified password is incorrect.

Action

Use the correct password, and then resubmit the command.

CMUC00121E *COMMAND_INFO* Invalid account file *VALUE_0* for user *USERNAME*.

Explanation

You are attempting to change or remove a user. The user and account file name do not match.

Action

Use the correct user name and account file name combination, and then resubmit the command.

CMUC00122E *COMMAND_INFO* Invalid admin user.

Explanation

You are attempting to show a user. Your user name is not a member of the admin group, and lacks sufficient privileges to use this command.

Action

Resubmit the command as a user who is a member of the admin group.

CMUC00123E *COMMAND_INFO* Unable to create user account *USERNAME*.

Explanation

You are attempting to create a new user on the management console server. The task fails.

Action

Ensure that the management console server is available and that you have proper privileges to create a user account. You must be a member of the admin group to use this command. Resubmit the command.

CMUC00124E *COMMAND_INFO* Unable to assign user *USERNAME* to group *GROUP*.

Explanation

You are attempting to create a new user on the management console server. The user cannot be assigned to the specified group.

Action

Ensure that the group exists. If the problem persists, contact IBM technical support for assistance.

CMUC00125E *COMMAND_INFO* Unable to modify user group to *NEW_GROUP*.

Explanation

You are attempting to change a user's group to a new group. The user's group cannot be modified to the specified group.

Action

Ensure that the group exists. If the problem persists, contact IBM technical support for assistance.

CMUC00126E *COMMAND_INFO* Unable to modify password.**Explanation**

You are attempting to change a user's password. The password cannot be changed to the specified password.

- A password must be a minimum of six alphanumeric characters (a - z, A - Z, or 0 - 9) in length.
- A password must contain at least one numeric character (0 - 9).
- The initial character of the password cannot be numeric.
- Passwords are case-sensitive.

Action

Correctly specify the new password. If the problem persists, contact IBM technical support for assistance.

CMUC00127E *COMMAND_INFO* Unable to delete user account *USERNAME* on the management console server.**Explanation**

You are attempting to delete a user on the management console server. The task fails.

Action

Ensure that you have appropriate privileges. You must be a member of the admin group to use this command. If the problem persists, contact IBM technical support for assistance.

CMUC00128E *COMMAND_INFO* Unable to find a Remote Mirror and Copy path for the specified logical subsystems.**Explanation**

The paths cannot be deleted for the specified logical subsystems. No paths can be found.

Action

Ensure that the correct logical subsystems are specified, and then resubmit the task. If you originally specified the correct logical subsystems, resubmit the task and specify the additional -remotewwnn option and value.

CMUC00129E *COMMAND_INFO* All source volumes must be within the same logical subsystem.**Explanation**

The -srcss flag is specified with the command. This flag requires that all source volumes are contained within the same logical subsystem. Not all of the source volumes specified are contained within the same logical subsystem.

Action

Specify source volumes that are all contained within the same logical subsystem, and then resubmit the command. Issue separate commands for volumes that are contained within different logical subsystems.

CMUC00130E *COMMAND_INFO* All target volumes must be within the same logical subsystem.

Explanation

The -tgtss flag is specified with the command. This flag requires that all target volumes are contained within the same logical subsystem. Not all of the target volumes specified are contained within the same logical subsystem.

Action

Specify target volumes that are all contained within the same logical subsystem, and then resubmit the command. Issue separate commands for volumes that are contained within different logical subsystems.

CMUC00131E *COMMAND_INFO* Operation failure

Explanation

The lshostvol command fails for one of the following reasons:

- The CLI installation did not complete successfully.
- A platform-dependent external command is being invoked unsuccessfully.
- You lack sufficient privileges.

Action

Check the CLI installation log for errors and reinstall if necessary. Ensure that you have the appropriate privileges to perform the task. If the problem persists, contact IBM technical support for assistance.

CMUC00132E *COMMAND_INFO* Command interrupted. Resubmit the command.

Explanation

The lshostvol command was interrupted for an unknown reason.

Action

Resubmit the command. If the problem persists, contact IBM technical support for assistance.

CMUC00133I *COMMAND_INFO* User *USERNAME* successfully created.

Explanation

The user has been created successfully.

Action

None.

CMUC00134I *COMMAND_INFO* **User *USERNAME* successfully modified.**

Explanation

The user has been modified successfully.

Action

None.

CMUC00135W *COMMAND_INFO* **Are you sure you want to delete user *USERNAME*? [y/n]:**

Explanation

You are being asked to confirm that you want to delete the user.

Action

Enter Y to delete the user. Enter N to cancel the operation.

CMUC00136I *COMMAND_INFO* **User *USERNAME* successfully deleted.**

Explanation

The user has been deleted successfully.

Action

None.

CMUC00137I *COMMAND_INFO* **FlashCopy pair *VALUE_0* successfully created.**

Explanation

The FlashCopy pair has been created successfully.

Action

None.

CMUC00138I *COMMAND_INFO* **Background copy for FlashCopy pair *VALUE_0* successful.**

Explanation

The command has been invoked with the -wait flag. The background copy for the specified pair ran successfully.

Action

None.

CMUC00139E *COMMAND_INFO* FlashCopy pair *VALUE_0* cannot be created. Contact IBM technical support for assistance.

Explanation

The FlashCopy pair cannot be created.

Action

Contact IBM technical support for assistance.

CMUC00140I *COMMAND_INFO* FlashCopy pair *VALUE_0* successfully removed.

Explanation

The command has been invoked without the -cp flag. The specified FlashCopy pair has been removed successfully.

Action

None.

CMUC00141I *COMMAND_INFO* Background copy for FlashCopy pair *VALUE_0* ended successfully. Relationship successfully removed.

Explanation

The command has been invoked with the -cp and -wait flags. The background copy for the specified pair ended successfully, and the relationship has been removed.

Action

None.

CMUC00142I *COMMAND_INFO* Background copy process for FlashCopy pair *PAIR_ID* successfully started. The relationship will be removed when the copy ends.

Explanation

The -cp flag has been used, and the FlashCopy pair is not persistent. The background copy process for the FlashCopy pair has started successfully. The FlashCopy volume pair relationship will be withdrawn when the copy process completes.

Action

None.

CMUC00143I *COMMAND_INFO* Background copy process for FlashCopy pair *PAIR_ID* successfully started. The persistent relationship will not be removed.

Explanation

The -cp flag has been used, and the FlashCopy pair is persistent. The background copy process for the FlashCopy pair has started successfully. The FlashCopy volume pair relationship will continue when the copy process completes.

Action

None.

CMUC00144W *COMMAND_INFO* Are you sure you want to remove the FlashCopy pair *PAIR_ID*? [y/n]:

Explanation

You are being asked to confirm that you want to remove the FlashCopy pair that is specified in the rmflash command.

Action

Enter Y to delete the pair. Enter N to cancel the operation.

CMUC00145I *COMMAND_INFO* Session *SESSION_ID* opened successfully.

Explanation

The Global Mirror session has opened successfully.

Action

None.

CMUC00146I *COMMAND_INFO* Session *SESSION_ID* closed successfully.

Explanation

The Global Mirror session has closed successfully.

Action

None.

CMUC00147I *COMMAND_INFO* Session *SESSION_ID* successfully modified.

Explanation

The Global Mirror session has been modified successfully.

Action

None.

CMUC00148W *COMMAND_INFO* Are you sure you want to close session *SESSION_ID*? [y/n]:

Explanation

You are being asked to confirm that you want to close the session that you specified.

Action

Enter Y to close the session. Enter N to cancel the operation.

CMUC00149I *COMMAND_INFO* Remote Mirror and Copy path *SOURCE_LSS:TARGET_LSS* successfully established.

Explanation

The Remote Mirror and Copy path between source and target logical subsystems has been established successfully.

Action

None.

CMUC00150I *COMMAND_INFO* Remote Mirror and Copy path *VALUE_0* successfully removed.

Explanation

The Remote Mirror and Copy path between source and target logical subsystems has been removed successfully.

Action

None.

CMUC00151I *COMMAND_INFO* Remote Mirror and Copy path *VALUE_0* successfully modified.

Explanation

The Remote Mirror and Copy path between source and target logical subsystems has been modified successfully.

Action

None.

CMUC00152W *COMMAND_INFO* Are you sure you want to remove the Remote Mirror and Copy path *PATH_ID*? [y/n]:

Explanation

You are being asked to confirm that you want to remove the Remote Mirror and Copy path that you specified.

Action

Enter Y to remove the path. Enter N to cancel the operation.

CMUC00153I *COMMAND_INFO* Remote Mirror and Copy volume pair relationship *VALUE_0* successfully created.

Explanation

The Remote Mirror and Copy volume pair relationship has been created successfully.

Action

None.

CMUC00154I *COMMAND_INFO* Remote Mirror and Copy volume pair *VALUE_0* relationship successfully created and in full-duplex state.

Explanation

The command has been invoked with the -wait flag. The Remote Mirror and Copy volume pair relationship has been created successfully and is now in full-duplex state.

Action

None.

CMUC00155I *COMMAND_INFO* Remote Mirror and Copy volume pair *VALUE_0* relationship successfully withdrawn.

Explanation

The Remote Mirror and Copy source and target pair relationship has been withdrawn successfully.

Action

None.

CMUC00156I *COMMAND_INFO* Remote Mirror and Copy volume pair *VALUE_0* relationship successfully modified.

Explanation

The Remote Mirror and Copy source and target volume pair relationship has been modified successfully.

Action

None.

CMUC00157I *COMMAND_INFO* Remote Mirror and Copy volume pair *VALUE_0* relationship successfully paused.

Explanation

The Remote Mirror and Copy source and target volume pair relationship has paused successfully.

Action

None.

CMUC00158I *COMMAND_INFO* Remote Mirror and Copy volume pair *VALUE_0* relationship successfully resumed. This message is being returned before the copy completes.

Explanation

The Remote Mirror and Copy source and target volume pair relationship has resumed successfully. An asynchronous copy from source to target began, but this message is being returned before the copy completes.

Action

None.

CMUC00159I *COMMAND_INFO* Remote Mirror and Copy volume pair *VALUE_0* relationship successfully resumed and completed. All data has been copied to the target. The relationship is now in full-duplex mode.

Explanation

The Remote Mirror and Copy source and target volume pair relationship resumed successfully and completed. The -wait flag was specified when the command was issued, and the command has now completed successfully.

Action

None.

CMUC00160W *COMMAND_INFO* Are you sure you want to delete the Remote Mirror and Copy volume pair relationship *PAIR_ID*? [y/n]:

Explanation

You are being asked to confirm that you want to delete the Remote Mirror and Copy volume pair relationship that you specified.

Action

Enter Y to delete the Remote Mirror and Copy volume pair relationship. Enter N to cancel the operation.

CMUC00161I *COMMAND_INFO* Remote Mirror and Copy consistency group *VALUE_0* successfully created.

Explanation

The Remote Mirror and Copy consistency group was created successfully.

Action

None.

CMUC00162I *COMMAND_INFO* Global Mirror for session *SESSION_ID* successfully started.

Explanation

Global Mirror for the session started successfully.

Action

None.

CMUC00163I *COMMAND_INFO* Global Mirror for session *SESSION_ID* successfully paused.

Explanation

Global Mirror for the session has paused successfully.

Action

None.

CMUC00164I *COMMAND_INFO* Global Mirror for session *SESSION_ID* successfully resumed.

Explanation

Global Mirror for the session has resumed successfully.

Action

None.

CMUC00165I *COMMAND_INFO* **Global Mirror for session *SESSION_ID* successfully stopped.**

Explanation

Global Mirror for the session has been stopped successfully.

Action

None.

CMUC00166W *COMMAND_INFO* **Are you sure you want to stop the Global Mirror session *SESSION_ID*? [y/n]:**

Explanation

You are being asked to confirm that you want to stop the specified Global Mirror session.

Action

Enter Y to stop the Global Mirror session. Enter N to cancel the operation.

CMUC00167I *COMMAND_INFO* **FlashCopy volume pair *PAIR_ID* successfully made revertible.**

Explanation

The FlashCopy volume pair that is part of an Global Mirror relationship has been modified to revertible. The source data can now be committed to the target, or the source data can be reverted to the data image that is currently on the target.

Action

None.

CMUC00168I *COMMAND_INFO* **FlashCopy volume pair *PAIR_ID* successfully resynchronized.**

Explanation

Incremental changes to the FlashCopy source volume data have been written successfully to the target volume.

Action

None.

CMUC00169I *COMMAND_INFO* FlashCopy volume pair *PAIR_ID* successfully reversed.

Explanation

The original FlashCopy source volume has been made the target volume. The original FlashCopy target volume has been made the source volume. Any uncommitted incremental changes to the original source volume data have been overwritten with older data from the new source volume.

Action

None.

CMUC00170I *COMMAND_INFO* FlashCopy volume pair *PAIR_ID* successfully committed.

Explanation

Changes to the FlashCopy source volume data have been committed to the target volume.

Action

None.

CMUC00171I *COMMAND_INFO* FlashCopy volume pair *PAIR_ID* successfully reverted.

Explanation

All new writes to the source volume since the last time source data was committed to the target volume have been discarded.

Action

None.

CMUC00172I *COMMAND_INFO* FlashCopy consistency group for logical subsystem *PAIR_ID* successfully reset.

Explanation

A mkflash -freeze or resyncflash -freeze command has been invoked previously against this consistency group. The unfreezeflash command successfully reset the consistency group.

Action

None.

CMUC00173I *COMMAND_INFO* Remote FlashCopy volume pair *PAIR_ID* successfully created. Use the `lsremoteflash` command to determine copy completion.

Explanation

The remote FlashCopy relationship has been created and started successfully, but this message is being returned before the copy completes. Use the `lsremoteflash` command to determine if the copy has completed.

Action

None.

CMUC00174I *COMMAND_INFO* Remote FlashCopy pair *PAIR_ID* successfully made revertible.

Explanation

The remote FlashCopy volume pair has been modified to revertible. The source data can now be committed to the target, or the source data can be reverted to the data image that is currently on the target.

Action

None.

CMUC00175I *COMMAND_INFO* Remote FlashCopy volume pair *PAIR_ID* successfully resynchronized. Use the `lsremoteflash` command to determine copy completion.

Explanation

The remote FlashCopy relationship resynchronization operation started successfully, but this message is being returned before the copy completes. Use the `lsremoteflash` command to determine if the copy has completed.

Action

None.

CMUC00176I *COMMAND_INFO* Remote FlashCopy volume pair *PAIR_ID* successfully committed.

Explanation

The remote FlashCopy relationship has been committed. The target data is an identical image of the source data at the time the commit command was issued.

Action

None.

CMUC00177I *COMMAND_INFO* Remote FlashCopy volume pair *PAIR_ID* successfully reverted.

Explanation

All new writes to the source volume since the last time data was committed to the target volume are being discarded.

Action

None.

CMUC00178I *COMMAND_INFO* Remote FlashCopy volume pair *PAIR_ID* successfully reversed.

Explanation

The original remote FlashCopy source volume has been made the target volume. The original remote FlashCopy target volume has been made the source volume. Any uncommitted incremental changes to the original source volume data are being overwritten with older data from the new source volume.

Action

None.

CMUC00179I *COMMAND_INFO* Are you sure you want to remove the remote FlashCopy pair *PAIR_ID*? [y/n]:

Explanation

You are being asked to confirm that you want to remove the remote FlashCopy pair relationship.

Action

Enter Y to delete the remote FlashCopy volume pair relationship. Enter N to cancel the operation.

CMUC00180I *COMMAND_INFO* Removal of the remote FlashCopy volume pair *PAIR_ID* has been initiated successfully. Use the `lsremoteflash` command to determine when the relationship is deleted.

Explanation

The deletion of the remote FlashCopy relationship has been started, but this message is being returned before the process completes. You must use the `lsremoteflash` command to determine if the removal has completed.

Action

None.

CMUC00181E *COMMAND_INFO* **A user name must be specified.****Explanation**

This command requires a user name. You can specify the user name with the -user command-line flag or in the password file.

Action

Specify a valid user name, and then resubmit the command.

Tip: Enter "help command_name" for more information.

CMUC00182E *COMMAND_INFO* **No management console IP address is specified.****Explanation**

No command can be issued until you have specified the IP address of the management console. This IP address establishes communication between the command-line interface client and the management console server.

Action

Specify a valid IP address for the management console, and then resubmit the command. Specify the IP address in your user profile or by using appropriate options on some commands.

Tip: Enter "help command_name" for more information.

CMUC00183E *COMMAND_INFO* **Invalid management console IP address: VALUE_0.****Explanation**

An invalid IP address for the management console is specified in the user profile or with command flags.

Action

Specify a valid IP address for the management console, and then resubmit the command. You can specify the IP address in your user profile or by using appropriate options on some commands.

Tip: Enter "help command_name" for more information.

CMUC00184E *COMMAND_INFO* **Management console server connections cannot be changed during an interactive or script session.****Explanation**

The current CLI session is either in interactive mode or script mode, and the command specifies a new management console server address. The command is

rejected because changing the management console server connection is not permitted.

Action

Open a different session to issue commands to the new management console server.

CMUC00185E Unable to access CLI user profile file *FILE_NAME*.

Explanation

The CLI is unable to read your user profile for one of the following reasons:

- The file does not exist.
- The file is in the wrong location.
- The file is corrupted.
- You lack sufficient privileges on the profile directory or file.

Action

Ensure that the file exists in the proper location, and that you have access privileges.

CMUC00186E User profile file *FILE_NAME*. not found.

Explanation

The specified profile file cannot be found.

Action

Ensure that the file exists in the proper location.

CMUC00187E Unable to access CLI user password file *FILE_NAME*.

Explanation

The CLI is unable to find your user password file for one of the following reasons:

- The file does not exist.
- The file is in the wrong location.
- The file is improperly named.
- You lack sufficient privileges on the password directory or file.

Action

Ensure that the file exists in the proper location, and that you have access privileges.

CMUC00188E Unable to read CLI user password file *FILE_NAME*.**Explanation**

The CLI is unable to read your user password file for one of the following reasons:

- The file does not exist.
- The file is in the wrong location.
- The file is improperly named.
- The file is corrupted.
- You lack sufficient privileges on the password directory or file.

Action

Ensure that the file exists in the proper location, and that you have access privileges.

CMUC00189E Internal error: *VALUE_0*. Contact IBM technical support for assistance.**Explanation**

The CLI reports an internal error.

Action

Contact IBM technical support for assistance.

CMUC00190E *VALUE_0*: Authentication failure: invalid password**Explanation**

Authentication fails because the password is incorrect.

Action

Provide a valid password, and then resubmit the task.

CMUC00191E *VALUE_0*: Authentication failure: invalid user name**Explanation**

Authentication fails because the specified user account does not exist.

Action

Provide a valid user name, and then resubmit the task.

CMUC00192E *VALUE_0*: Authentication failure: the user account is locked.

Explanation

Authentication fails because the specified user account has been locked by the system administrator or because the wrong password was entered three times in succession. Your system administrator can unlock the account with the `chuser` command.

Action

Contact your system administrator.

CMUC00193E *VALUE_0*: Authentication failure: unable to access account database.

Explanation

Authentication fails because the user account database cannot be accessed. The system administrator might be performing maintenance or other activities.

Action

Contact your system administrator.

CMUC00194E *VALUE_0*: Authentication failure: unable to authenticate on Enterprise Storage Server.

Explanation

You are attempting to authenticate on an Enterprise Storage Server (2105). Authentication fails for an unknown reason. Additional information is unavailable from the ESS.

Action

Ensure that you are providing the correct user name and password for the ESS. Contact your system administrator. If the problem persists, contact IBM technical support for assistance.

CMUC00195I *COMMAND_INFO* Security properties successfully set.

Explanation

The security properties have been set successfully.

Action

None.

CMUC00196I *COMMAND_INFO* Remote Mirror and Copy pair *PAIR_ID* successfully reversed.

Explanation

The source and target volume have been reversed. The secondary volume at the recovery site is now the primary volume.

Action

None.

CMUC00197I *COMMAND_INFO* Remote Mirror and Copy pair *PAIR_ID* successfully failed back.

Explanation

The source and target volumes have been resynchronized. The data at the production site and recovery site are now identical.

Action

None.

CMUC00198I *COMMAND_INFO* Remote Mirror and Copy pair *PAIR_ID* successfully thawed.

Explanation

All queued write operations to the source volume are written. The Queue Full condition for the primary volume is reset.

Action

None.

CMUC00199I *COMMAND_INFO* License Machine Code successfully applied to storage image *STORAGE_IMAGE_ID*.

Explanation

The License Machine Code has been applied successfully to the storage image.

Action

None.

CMUC00200E *COMMAND_INFO* This command is not supported for machine type *TYPE*.

Explanation

The command is not supported on the type of machine that is currently connected to the command-line interface. For example, you might be issuing a machine type 2107 command to a storage unit that is machine type 2105.

Action

Tip: Enter "help command_name" for more information.

CMUC00201E *VALUE_0*: Authentication failure: Your password has expired. Change your password with the chuser command.

Explanation

Authentication fails because your password has expired. You must change your password with the chuser command before you can issue any other commands.

Action

Change your password using the chuser command.

CMUC00202I *COMMAND_INFO* Remote Mirror and Copy ESCON path *SOURCE_LSS:TARGET_LSS* successfully created.

Explanation

The Remote Mirror and Copy ESCON path has been created successfully.

Action

None.

CMUC00203E *COMMAND_INFO* Invalid pair. Each source volume must have a matching target volume.

Explanation

The number of specified source volumes does not equal the number of specified target volumes.

Action

Enter complete source_volume:target_volume pairs, and then resubmit the task.

CMUC00204I *COMMAND_INFO* Password file *FILE_NAME* successfully created.

Explanation

The command to create a password file completed successfully.

Action

Update the pwfile entry in your profile to indicate this password file name.

CMUC00205I *COMMAND_INFO* Password file *FILE_NAME* successfully created.

Explanation

The command succeeded and a new password file was created.

Action

Set the appropriate access control level for the new password file.

CMUC00206I *COMMAND_INFO* Record *VALUE_0/VALUE_1* successfully added to password file *FILE_NAME*.

Explanation

The specified record has been added to the password file.

Action

None.

CMUC00207I *COMMAND_INFO* Record *VALUE_0/VALUE_1* successfully changed in password file *FILE_NAME*.

Explanation

The specified record has been changed in the password file.

Action

None.

CMUC00208I *COMMAND_INFO* Record *VALUE_0/VALUE_1* successfully removed from password file *FILE_NAME*.

Explanation

The specified record has been removed from the password file.

Action

None.

CMUC00209E *COMMAND_INFO* Unable to open password file *FILE_NAME* for write access.

Explanation

You are attempting to update the specified password file. However, you do not have permission to write to the file.

Action

Ask your system administrator to grant you write permissions to the file, and then resubmit the command.

CMUC00210E Password file *FILE_NAME* is not formatted correctly.

Explanation

You are attempting to authenticate, but the specified password file is not valid. Either this file is corrupted or it is not the correct file.

Action

Specify a correctly formatted password file, and then resubmit the task.

CMUC00211E *COMMAND_INFO* The specified capacity *CAPACITY* is not valid for type *TYPE*.

Explanation

The value that you specified with the -cap flag is not valid for the type that you specified with the -type flag. See the specified DS Command-Line Interface command documentation for a description of valid capacities.

Action

Specify a capacity that is valid for the type that is specified, and then resubmit the task.

CMUC00212I *COMMAND_INFO* completed successfully.

Explanation

The command completed successfully.

Action

None.

CMUC00213E *COMMAND_INFO* **Unable to read License Machine Code activation codes file**

Explanation

The file containing License Machine Code activation codes for this storage image cannot be read. The file that you specify must be an xml formatted file that you have obtained from an authorized IBM source.

Action

Resubmit the task. If the problem persists, specify a different file.

CMUC00214E *COMMAND_INFO* **File FILE contains no License Machine Code for storage image STORAGE_IMAGE_ID.**

Explanation

The specified file does not contain License Machine Code activation codes for this storage image. The file that you specify must be an xml formatted file that you have obtained from an authorized IBM source, and it must contain activation codes that are designated for this storage image.

Action

Specify the correct file and then resubmit the task.

CMUC00215E *COMMAND_INFO* **Incorrectly formatted License Machine Code activation codes file**

Explanation

The file containing License Machine Code activation codes for this storage image is not the correct format. The file that you specify must be an xml formatted file that you have obtained from an authorized IBM source.

Action

Specify the correct file and then resubmit the task.

CMUC00216I *COMMAND_INFO* **CKD alias volume VOLUME successfully created.**

Explanation

The CKD alias volume was created successfully.

Action

None.

CMUC00217E *COMMAND_INFO* The specified logical subsystem number for volume *VOLUME* is not valid.

Explanation

The specified logical subsystem number contains characters that are not valid or is not an existing logical subsystem.

Action

Specify a valid logical subsystem number for the volume, and then resubmit the task.

CMUC00218E *COMMAND_INFO* The specified logical control unit number for volume *VOLUME* is not valid. Either you specified this volume explicitly or you specified it implicitly by parameter values.

Explanation

The specified logical control unit number contains characters that are not valid or is not an existing logical control unit.

Action

Specify a valid logical control unit number for the volume, and then resubmit the task.

CMUC00219E *VALUE_0* Connection failure: The specified management console peers are not valid: *VALUE_1*

Explanation

The management console peers that are specified as input, as command options, or in a profile file are not valid. The IP addresses might not be correct, or the management consoles might not be configured as peers.

Action

Specify valid peers, and then resubmit the task.

CMUC00220E *VALUE_0* Connection failure: *VALUE_1*

Explanation

Connection to the specified management consoles failed.

Action

Ensure that the management console IP addresses are correct, that a network connection to the management consoles exists, and that the management consoles are available. Then resubmit the task.

CMUC00221E *COMMAND_INFO* Unable to remove volume *VALUE_0* from the specified volume group.

Explanation

The volume cannot be removed because one or more of the command parameters is not valid.

Action

Ensure that the command parameters are valid, and then resubmit the task.

CMUC00222E *COMMAND_INFO* Unable to add volume *VALUE_0* to the volume group. The volume group contains the maximum number of allowed volumes.

Explanation

No more volumes can be added to the volume group. You must remove an unused volume before you can add a volume to this group.

Action

Either specify a different volume group or remove a volume from the volume group, and then resubmit the task.

CMUC00223E *COMMAND_INFO* Unable to remove volume *VALUE_0* from the specified volume group. The volume is not a member of this volume group.

Explanation

The specified volume is not a member of the specified volume group.

Action

Specify a volume that is a member of the volume group, and then resubmit the task.

CMUC00224E *COMMAND_INFO* Unable to add volume *VALUE_0* to the specified volume group. LUN ID *VALUE_1* is already assigned.

Explanation

The LUN ID that you specified for the volume is already assigned to another volume in the volume group.

Action

Specify a different LUN ID for the volume, and then resubmit the task.

CMUC00225E *COMMAND_INFO* Unable to add volume *VALUE_0* to the specified volume group. LUN ID *VALUE_1* is not valid.

Explanation

The specified LUN ID for the volume is not valid. A LUN ID must be a hexadecimal number in the range (00 - FF), and it must not be assigned already to a volume in the volume group.

A LUN ID can be specified only for a SCSI-MAP 256 type volume group.

Action

Specify a valid LUN ID for the volume, and then resubmit the task.

CMUC00226E *COMMAND_INFO* Parameter *-VALUE_0* is not supported for the specified volume group.

Explanation

Some command parameters are valid only when they are applied to a specific volume group type. For example, the *-lun* parameter is valid only when used with a SCSI-MAP 256 type volume group.

Action

Specify only parameters that are supported for the volume group that you want to affect, and then resubmit the task.

CMUC00227E *COMMAND_INFO* The *-wait* option cannot be used in conjunction with single volume IDs.

Explanation

Single volume IDs were specified during a *rmflash* command that included the *-wait* option.

Action

Resubmit the command, specifying volume pair IDs with the *-wait* option, or omit the *-wait* option.

Tip: Enter "help *command_name*" for more information.

CMUC00228I *COMMAND_INFO* Secure connection is started.

Explanation

A secure connection has been successfully established from the specified management console.

Action

None.

CMUC00229E *COMMAND_INFO* Unable to add volume *VOLUME* to the specified volume group. The *ERROR_CODE* error code is returned.

Explanation

The volume cannot be added to the specified volume group due to an unexpected error.

Action

Ensure that you supply the necessary command parameters and resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUC00230E *COMMAND_INFO* Unable to add volume *VOLUME*. The volume is already a member of the specified volume group.

Explanation

The command has failed to add one of the specified volumes to the SCSI map because the volume is already a member of the volume group.

Action

Correct the parameter by removing the volumes that already belong to the volume group or by adding volumes that do not yet belong to the volume group. You can check the current SCSI map configuration with the `showvolgrp -lunmap` command and option.

CMUC00231E *COMMAND_INFO* Duplicate resource ID *RESOURCE_TYPE RESOURCE_ID* are specified.

Explanation

You have specified a duplicate resource ID as a command parameter.

Action

Resubmit the task using a resource ID that is not a duplicate resource ID.

CMUC00232I *COMMAND_INFO* Secure connection is started successfully through the network.

Explanation

A secure connection is successfully established from the specified management console through the network.

Action

None.

CMUC00233I *COMMAND_INFO* Secure connection has started successfully through the modem.

Explanation

A secure connection is successfully established from the specified management console through the modem.

Action

None.

CMUC00234I *COMMAND_INFO* No *OBJECT* found.

Explanation

No instances of objects that meet your search criteria can be found.

Action

If the search criteria that you specified are correct, no action is required. If your search criteria are not correct, specify the correct search criteria and reissue the command.

CMUC00235I *COMMAND_INFO* Target Write Inhibit for FlashCopy relationship *RELATIONSHIP* is successfully reset. The relationship is not removed.

Explanation

You specified the `-resetgtinhibit` option on the `rmflash` command. When this option is specified, only the flag is reset. The FlashCopy relationship is not withdrawn.

Action

None.

CMUC00236I *COMMAND_INFO* Target Write Inhibit for FlashCopy relationship *RELATIONSHIP* is successfully reset. The relationship is not removed.

Explanation

You specified the `-resetgtinhibit` option on the `rmremoteflash` command. When this option is specified, only the flag is reset. The FlashCopy relationship is not withdrawn.

Action

None.

CMUC00237E *COMMAND_INFO* All or no options must be specified in the group: *OPTION_GROUP*

Explanation

You have specified one or more of the options with the command, but not all of the options. You must specify either all of the options for this command, or none of the options for this command.

Action

Resubmit the command with all options or with no options.

CMUC00238E *COMMAND_INFO* File write failure: *FILE_NAME*.

Explanation

The file write has failed either because you do not have write permission or because of a lack of disk space.

Action

Ensure that you have write permission to the selected disk and that there is sufficient remaining disk space, and then resubmit the task.

CMUC00239E *COMMAND_INFO* File creation failure: *FILE_NAME*.

Explanation

The file creation has failed either because you do not have the appropriate level of access to create files or because of a lack of disk space.

Action

Ensure that you have a sufficient level of access to create files and that there is sufficient remaining disk space, and then resubmit the task.

CMUC00240E *COMMAND_INFO* No write permission to the file: *FILE_NAME*.

Explanation

You do not have a sufficient level of access to write to the specified file.

Action

Ensure that you have a sufficient level of access to write to the file and resubmit the task.

CMUC00241E *COMMAND_INFO* Path does not exist: *FILE_PATH*.

Explanation

The path to the file that you have selected does not exist.

Action

Create or change the path to the file, and resubmit the task.

CMUC00242E *COMMAND_INFO* **Not a file: *FILE_NAME*.**

Explanation

You have specified a file name to a file that is a directory or a special file, such as a device file.

Action

Specify a file that exists and is not a directory or special file, and then resubmit the task.

CMUC00243I *COMMAND_INFO* **Audit log was successfully offloaded from *LOG_ADDRESS* to *LOG_FILE*.**

Explanation

The audit log was successfully offloaded from the specified management console to the specified file.

Action

None.

CMUC00244W *COMMAND_INFO* **The specified file currently exists. Are you sure you want to replace the file? [y/n]:**

Explanation

You have attempted to offload an audit log file to a file name and path that already exist.

Action

Enter Y to replace the currently existing file. Enter N to cancel the operation without replacing the file.

CMUC00245E *COMMAND_INFO* **Volume was not added to the volume group because the volume group *VOLUME_GROUP* is not available, possibly because of initialization.**

Explanation

The Add specified volume to volume group task failed due to the current state of the storage server. The storage server might be initializing.

Action

If the storage server is initializing, wait for initialization to complete. Ensure that the storage unit is in the Normal state and then add the volume to the volume group.

CMUC00246I *COMMAND_INFO* **The task might take more than *HOURS* hours to complete.**

Explanation

The DS Command-Line Interface (CLI) prompt displays when the task completes. You cannot enter another CLI command from this session until the prompt reappears. If you want to enter another CLI command before the task completes, you must use another CLI session.

Action

None.

CMUC00247E *COMMAND_INFO* **You are attempting to create volumes for a logical subsystem that does not match the rank group of the extent pool that you specified.**

Explanation

You create a logical volume from an extent pool in a rank group. The logical volume is also a member of a logical subsystem group. The logical subsystem group identifier and the rank group identifier of the extent pool that you specify must be identical. Even-numbered logical subsystem identifiers are associated with rank group identifier 0, and odd-numbered logical subsystem identifiers are associated with rank group identifier 1.

Action

Retry the create volume task and specify an extent pool and a logical subsystem group that are in the same rank group.

CMUC00248E *COMMAND_INFO* **You are attempting to access a storage unit that is not available to the management console server.**

Explanation

There is no communication between the management console server and the storage unit that you are attempting to access. The storage unit might be unavailable.

Action

Ensure the management console server can communicate with the storage unit that you are attempting to access, and retry the operation.

CMUC00249E *COMMAND_INFO* Network port *NETWORK_PORT* does not exist.**Explanation**

The specified network port does not exist on the storage unit that you entered. The network port ID that you entered is valid, but that port is not installed on the storage unit.

Action

Ensure that you enter the correct storage unit. Ensure that the network port ID that you enter is installed on the storage unit, and resubmit the command.

CMUC00250I *COMMAND_INFO* You configured network port *NETWORK_PORT* successfully.**Explanation**

You successfully configured or modified the port attributes of the specified network port.

Action

None.

CMUC00251E *COMMAND_INFO* Network port *NETWORK_PORT* is not valid.**Explanation**

The specified network port ID is not valid.

Action

Use the DS Command-Line Interface `lsnetworkport` command to list the valid network port IDs on a storage unit, and then resubmit the task with a valid network port ID.

CMUC00252E *COMMAND_INFO* The specified command must include at least one of the following parameters: *PARAMETERS*.**Explanation**

The syntax for the command that you are using requires at least one of the specified parameters.

Action

Resubmit the command and use at least one of the specified parameters.

CMUC00253E *COMMAND_INFO* Volume *VOLUME* is assigned to a user-defined volume group. No volumes were deleted.

Explanation

The specified volume is assigned to a user-defined volume group and might be receiving I/O requests. The safe option prevents you from deleting a fixed block volume that is assigned to a user-defined volume group. Because you have attempted to delete at least one volume that is assigned to a user-defined volume group and you used the safe option, no volumes have been deleted. Use the DS Command-Line Interface (CLI) `lsfbvol` command to determine the user-defined volume group to which the specified volume is assigned.

Action

Either remove the specified volume from the user-defined volume group and then resubmit the task, or resubmit the task without the safe option to delete a volume that is assigned to a user-defined volume group.

CMUC00254E *COMMAND_INFO* The command failed because at least one of the user-defined volume groups cannot be queried. No volumes have been deleted.

Explanation

You have issued the DS Command-Line Interface (CLI) `rmfbvol` command with the safe parameter. This option runs a subtask that queries the user-defined volume groups to determine if the volume is assigned to a user-defined volume group. The query subtask has not completed successfully.

Action

Wait a few minutes and resubmit the command, or resubmit the command without the safe option if you want to delete a volume without ensuring that it is not assigned to a user-defined volume group.

CMUC00255W An attempt by the DS Command-Line Interface (CLI) to write to the activity log file has failed: *ERROR_REASON*

Explanation

The write by the DS Command-Line Interface (CLI) to the activity log file has failed. This failure might be caused by an incorrect activity log file path definition, or the activity log file access permission values might not allow you to write to the activity log file. Future activity cannot be written to the activity log file.

Action

Ensure that the activity log file path is defined correctly and that you have access permission to write to the activity log file. Restart the CLI and resubmit the task.

CMUC00256W An attempt by the DS Command-Line Interface (CLI) to open the activity log file has failed: *ERROR_REASON*

Explanation

The attempt by the DS Command-Line Interface (CLI) to open the activity log file has failed. This failure might be caused by an incorrect activity log file path definition, or the activity log file access permission values might not allow you to open the activity log file. Future activity cannot be written to the activity log file.

Action

Ensure that the activity log file path is defined correctly and that you have access permission to open the activity log file. Restart the CLI and resubmit the task.

CMUC00257W The DS Command-Line Interface (CLI) has failed to process the activity log file correctly: *ERROR_REASON*

Explanation

The DS Command-Line Interface (CLI) attempt to process the activity log file has failed. This failure might be caused by an incorrect activity log file path definition, or the activity log file access permission values might not allow you to process the activity log file correctly. Future activity cannot be written to the activity log file.

Action

Ensure that the activity log file path is defined correctly and that you have access permission to process the activity log file. Restart the CLI and resubmit the task.

CMUC00258E *COMMAND_INFO* The DS Command-Line Interface (CLI) command that you have attempted is not supported for platform type *PLATFORM_TYPE*.

Explanation

The specified command is not supported by the CLI because it is not relevant on the specified operating system platform.

Action

None.

CMUC00259E *COMMAND_INFO VALUE_0 VALUE_1* The task has failed because you have attempted to create CKD volumes on more than one LCU.

Explanation

The mkckdvol command creates volumes from a single LCU. You have specified volumes from more than one LCU.

Action

Specify volumes that you want to create from a single LCU and resubmit the task. If you want to create volumes from multiple LCUs, perform a separate task for each LCU from which you want to create volumes.

CMUC00260E *COMMAND_INFO VALUE_0 VALUE_1* The task has failed because you have attempted to create FB volumes on more than one LSS.

Explanation

The mkfbvol command creates volumes from a single LSS. You have specified volumes from more than one LSS.

Action

Specify volumes that you want to create from a single LSS and resubmit the task. If you want to create volumes from multiple LSSs, perform a separate task for each LSS from which you want to create volumes.

CMUC00261E *COMMAND_INFO ALIAS_VOLUME_ID* is not a correct CKD alias volume ID for volume *VOLUME* because the CKD alias volume ID must be created on the same LCU as the base volume.

Explanation

The specified CKD alias volume ID and base volume are not on the same LCU.

Action

Ensure that the CKD alias volume ID and base volume are on the same LCU and resubmit the task.

CMUC00262I Enter the same username that you entered when you initiated the current DS Command-Line Interface (CLI) interactive session:

Explanation

To confirm that you are authorized to submit tasks from the current CLI interactive session, you must enter the same user name and password that you entered when you initiated the current CLI interactive session.

Action

Enter the same user name that you entered when you initiated the current CLI interactive session, and then press the Enter key on the keyboard.

CMUC00263I Enter the same password that you entered when you initiated the current DS Command-Line Interface (CLI) interactive session:

Explanation

You must enter the same user name and password that you entered when you initiated the current CLI interactive session to confirm that you are authorized to submit tasks from the current CLI interactive session.

Action

Enter the same password that you entered when you initiated the current CLI interactive session, and then press the Enter key on the keyboard.

CMUC00264E *COMMAND_INFO* The parameter *-PARAMETER_0* that you specified can be used only with parameter *-PARAMETER_1*.

Explanation

The combination of parameters that you have specified is not supported.

Action

Use a supported combination of parameters and resubmit the command.

CMUC00265I *COMMAND_INFO* You have updated the Replication Manager password successfully.

Explanation

When the Replication Manager password is set successfully through the DS CLI, it is automatically activated as the new password.

Action

You must use the new password when you add new storage devices to the Replication Manager. No action is required at this time for storage devices that are already configured to the Replication Manager; however, when the connection to one of these storage devices is lost, you must update the Replication Manager password for that storage device to the new password.

CMUC00266E *COMMAND_INFO* The Replication Manager password that you have entered is not identical to the Replication Manager password that you had entered previously.

Explanation

When you create a new Replication Manager password you must enter the identical character string twice. The second Replication Manager password character string that you have entered is not the same as the first.

Action

Resubmit the `setmpw` command and enter the same character string for the Replication Manager password twice.

CMUC00329E *COMMAND_INFO RESOURCE_IDS*: The number of resource IDs that you have specified exceeds the maximum quantity of *RESOURCE_ID_MAXIMUM_QUANTITY*.

Explanation

The command cannot specify more than the maximum quantity of resource IDs because the amount of available memory is limited.

Action

Ensure that the resource IDs are correct, and resubmit the command using a subset of resource IDs that does not exceed the maximum quantity.

CMUC00330W *COMMAND_INFO* The storage image ID *devid* that was specified using the *devid* parameter in the DS command-line interface profile file is not known to the DS Network Interface server.

Explanation

The value for the storage image ID that is specified in the DS command-line interface profile file with the *devid* parameter is not a storage image ID that is known to the DS Network Interface server.

Action

Either specify the correct storage image ID on the command line and resubmit the task, or exit the DS command-line interface session, modify the value for the storage image ID that is specified with the *devid* parameter in the DS command-line interface profile file, restart the DS command-line interface session and resubmit the task.

CMUC00334E *COMMAND_INFO* The remove global mirror command cannot be initiated because you have specified the `-subordinate` parameter but you have not specified the *Master_Control_Path_LSS_ID:Subordinate_Control_Path_LSS_ID* parameter.

Explanation

When you issue the `rmgmir` command with the `-subordinate` parameter, you must also specify the *Master_Control_Path_LSS_ID:Subordinate_Control_Path_LSS_ID* parameter.

Action

Specify the Master_Control_Path_LSS_ID:Subordinate_Control_Path_LSS_ID parameter, and resubmit the command.

CMUC00335E *COMMAND_INFO* The unassign rank task cannot be initiated because an internal error prevents the reservation of the rank.

Explanation

The internal error prevents the reservation of the rank. The reserve rank subtask must complete successfully before the rank can be unassigned.

Action

Contact IBM technical support for assistance.

CMUD00000I *COMMAND_INFO* Storage complex setting for storage image *STORAGE_IMAGE_ID* successfully modified.

Explanation

The storage complex settings have been successfully modified.

Action

None.

CMUD00001I *COMMAND_INFO* Contact information for storage image *STORAGE_IMAGE_ID* successfully modified.

Explanation

Contact information for the specified storage image has been set successfully. Use the setsmtplib command to ensure that the SMTP server information is valid.

Action

None.

CMUD00002I *COMMAND_INFO* SNMP settings for storage image *STORAGE_IMAGE_ID* successfully modified.

Explanation

The SNMP setting for the specified storage image has been set successfully.

Action

None.

CMUD00003I *COMMAND_INFO* SMTP settings for storage image
STORAGE_IMAGE_ID successfully modified.

Explanation

The SMTP settings for the specified storage image have been set successfully.

Action

None.

CMUD00004I *COMMAND_INFO* SIM settings for storage image
STORAGE_IMAGE_ID successfully modified.

Explanation

Service Information Messages for zSeries for the specified storage image have been set successfully.

Action

None.

CMUD00005I *COMMAND_INFO* Dial Home settings for storage image
STORAGE_IMAGE_ID successfully modified.

Explanation

The Dial Home setting for the specified storage image has been set successfully.

Action

None.

CMUD00006I *COMMAND_INFO* Statesave successfully offloaded from
STORAGE_IMAGE_ID to the management node.

Explanation

The Statesave has been successfully offloaded from the specified storage image to the management node.

Action

None.

CMUD00007I *COMMAND_INFO* PE packages for storage image
STORAGE_IMAGE_ID successfully generated.

Explanation

PE package for the specified storage image has been successfully generated.

Action

None.

CMUD00008I *COMMAND_INFO* Problem *PROBLEM_ID* was successfully closed.

Explanation

The problem that you selected to close has been closed successfully.

Action

None.

CMUD00009W *COMMAND_INFO* Are you sure you want to close problem *PROBLEM_ID* ? [y/n]:

Explanation

Enter Y to close the specified problem. Enter N to not close the problem.

Action

Enter Y to close the specified problem. Enter N to not close the problem.

CMUD00010I *COMMAND_INFO* Test problem record *VALUE_0* was sent from the storage unit to your SMTP server.

Explanation

The command successfully completed and created a test problem record.

Action

None.

CMUD00011E *COMMAND_INFO* The state, *STATE*, is invalid for the country, *COUNTRY*.

Explanation

When you are defining contact information, you must enter a valid state for the country in the address information.

Action

Redefine the state to match a valid state for the selected country.

CMUD00012E *COMMAND_INFO* No statesave can be found on storage image *STORAGE_IMAGE_ID*.

Explanation

No statesave can be found. This might be because no statesave has been generated, because no statesave has been generated since the last offload command was issued, or because an internal error has occurred.

Action

Verify that a statesave should have been generated. If so, contact IBM technical support for assistance.

CMUD00013I *COMMAND_INFO* The following files have been copied from storage image *STORAGE_IMAGE_ID*: *FILES*.

Explanation

The files listed were copied, and the command completed successfully.

Action

None.

CMUD00014I *COMMAND_INFO* The following files have been sent to IBM: *FILES*.

Explanation

The listed files were transferred successfully to IBM.

Action

None.

CMUD00015E *COMMAND_INFO* Country *COUNTRY* is not a valid country.

Explanation

The specified country is not valid. See the user assistance for the DS Command-Line Interface `setcontactinfo` command for a list of country codes.

Action

Specify a valid country and then resubmit the task.

CMUD00016E *COMMAND_INFO* Contact information must be provided. Run the **setcontactinfo** command with the following flags: *FLAGS*.

Explanation

Either you issued the **setdialhome -action enable** command before you entered all the information that is required, or you issued the **setcontactinfo** command without all the required flags.

Your company name, building location, ship to country, and contact primary phone is required.

Action

Run the **setcontactinfo** command with the required flags.

CMUD00017E *COMMAND_INFO* The **-FLAG** is not supported for machine type *MACHINE_TYPE*.

Explanation

The specified flag is not supported when you issue commands to storage units that are this machine type.

Action

Remove the flag and resubmit the task.

CMUD00018I *COMMAND_INFO* The following PE package was successfully generated: *PE_PACKAGE*.

Explanation

The specified files were successfully generated or copied. If you specified the **-noftp** flag with the command, the generated PE package was not sent to IBM. You can use the **sendpe** command to send the PE package to IBM.

Action

None.

CMUD00019I *COMMAND_INFO* PE package was successfully sent to IBM: *PE_PACKAGE*.

Explanation

The specified or generated PE packages were successfully sent to IBM.

Action

None.

CMUD00020I *COMMAND_INFO* The following statesave files were successfully offloaded: *STATESAVE*.

Explanation

The statesave files were successfully saved from the storage unit to the management console. If you specified the -noftp flag with the command, the generated statesave files were not sent to IBM. You can later use the sendss command to send the statesave files to IBM.

Action

None.

CMUD00021I *COMMAND_INFO* The following statesave files were successfully sent to IBM: *STATESAVE*.

Explanation

The saved or generated statesave files were successfully sent to IBM.

Action

None.

CMUD00022E *COMMAND_INFO* File not found: *FILE_NAME*.

Explanation

You specified a file that cannot be found.

Action

Ensure that you specify the correct file name and path and that the file exists, and then resubmit the task.

CMUD00023W *COMMAND_INFO* Are you sure you want to perform diagnostic control *ACTION*? [y/n]:

Explanation

You have attempted to perform a warm start, reboot one of the processor cards, reboot your enclosure, or clear all status tracks (CST). These actions can cause the system to become unavailable during reinitialization.

Action

Enter Y to perform the diagnostic control. Enter N to cancel the operation without performing the diagnostic control.

CMUD00024E *COMMAND_INFO* Invalid IP address: *IP_ADDRESS***Explanation**

The IP address that you are attempting to submit is invalid.

Action

Ensure that you enter a valid and correct IP address, and resubmit the task.

CMUD00025E *COMMAND_INFO* You must specify the IP address for processor card 0 or processor card 1 when clearing service tracks, rebooting a single processor card, or rebooting the enclosure.**Explanation**

You have attempted to reboot or clear service tracks without submitting a valid IP address for the processor card. You must enter a valid IP address for the processor card on which you are trying to perform the task. If you are attempting to reboot a processor card, you must enter the valid IP address for that processor card. If you are attempting to reboot the enclosure (both processor cards), you can enter a valid IP address for one of the processor cards in the enclosure.

Action

Ensure that you enter a valid processor card IP address, and resubmit the task.

CMUD00026I *COMMAND_INFO* Diagnostic control *ACTION* is successfully submitted. It will take some time for the system to complete the request.**Explanation**

You have successfully submitted a diagnostic control action. The system can become unavailable for a period of time during initialization. The system will become available after initialization has completed. Initialization is complete once the flashing amber information LED indicator light turns off.

Action

None.

CMUD00029E *COMMAND_INFO* The action that you have requested, *ACTION*, is supported only in DS Command-Line Interface (CLI) interactive command mode.**Explanation**

The action parameter of the CLI *diagsi* command that you have attempted is available only in CLI interactive command mode. It is not available in CLI single command mode or CLI script mode.

Action

Resubmit the CLI diagsi command in CLI interactive command mode.

CMUD00030E *COMMAND_INFO* **The username or password that you have specified is not correct.**

Explanation

You must enter the same user name and password that you entered when you initiated the DS Command-Line Interface (CLI) interactive session.

Action

Enter the same user name and password that you entered when you initiated the CLI interactive session.

CMUD00031I **Enter the guest password to submit the DS Command-Line Interface (CLI) diagsi command:**

Explanation

You must enter the guest password to submit the CLI diagsi command with the reboot or cst action parameter value.

Action

Enter the guest password, and then press the Enter key on the keyboard.

Chapter 5. DS Storage Manager messages

Graphical user interface messages

These messages are issued by the DS Storage Manager.

CMUG00000E Select an array from the table or create a new array.

Explanation

To create a rank on an array, you must first select the array from the table of available arrays or create a new array.

Action

Select an array from the table of available arrays or create a new array by selecting the Create new array button.

CMUG00001E Select an extent pool from the table or create a new extent pool.

Explanation

You must associate the rank with an extent pool by selecting an extent pool from the table.

Action

Select an extent pool from the extent pool list or create a new extent pool by selecting the Create new extent pool button.

CMUG00002W The following ranks have volumes configured on them: *VALUE_1*. *VALUE_0* volumes will be deleted as part of the delete rank operation. Select Continue to delete the ranks and volumes or select Cancel to cancel the delete rank operation. NOTE: If you want to delete only volumes, it is not necessary to delete the ranks that contain the volumes.

Explanation

Deleting a rank also deletes the volumes that are configured on that rank. If you delete a rank, you must create a new rank before you can create new volumes on that rank. Creating a new rank requires a long wait time for the rank to format. If you want to delete only volumes and do not want to delete a rank, select Cancel to cancel the delete rank operation and use the Delete action on the Volumes main page to delete the volumes.

Action

Select Continue to delete the specified ranks and volumes or select Cancel to cancel the delete rank operation.

CMUG00003W This operation removes ranks from the extent pools. Select OK to remove the ranks. Select Cancel to cancel the operation.

Explanation

You are being asked to confirm that you want to remove the ranks from their extent pools.

Action

Select OK to remove the ranks from the extent pools. Select Cancel to cancel the operation.

CMUG00004W This operation deletes the following ranks: *VALUE_0*. Select OK to delete the ranks. Select Cancel to cancel the operation.

Explanation

You are being asked to confirm that you want to delete the selected unassigned ranks.

Action

Select OK to delete the ranks. Select Cancel to cancel the operation.

CMUG00005E Select at least one ID from the table of available LCU IDs.

Explanation

To create a logical control unit (LCU), you must select at least one ID from the table of available IDs.

Action

Select at least one LCU ID from the table of available LCU IDs.

CMUG00006W This operation deletes *VALUE_0* selected LCUs. Select Continue to delete the LCUs. Select Cancel to cancel the operation.

Explanation

You are being asked to confirm that you want to delete the logical control units (LCUs) that you have selected.

Action

Select Continue to delete the LCUs. Select Cancel to cancel the operation.

CMUG00007W The following volumes have storage configured on the selected LCUs: *VALUE_0*. These volumes are deleted as part of the LCU deletion process. Select Continue to delete the LCUs. Select Cancel to cancel the operation.

Explanation

Deleting the logical control units (LCUs) deletes the volumes that are configured on the LCUs.

Action

Select Continue to delete the LCUs and volumes that are listed in the message. Select Cancel to cancel the operation.

CMUG00008E An SSID is required.

Explanation

To continue, you must enter a unique logical subsystem identifier (SSID) for the logical control units being created.

Action

Enter an SSID.

CMUG00009E An SSID must be a 4 hexadecimal digit nonzero number.

Explanation

The logical subsystem ID must be 4 hexadecimal digits long, in the range (0001 - FFFF).

Action

Enter a nonzero 4 hexadecimal digit SSID in the correct format: (0 - 9, A - F).
Example: 01AF.

CMUG00010E The SSID is not unique.

Explanation

The logical subsystem identifier (SSID) must be unique.

Action

Enter a unique SSID.

CMUG00011E Consistency group timeout required**Explanation**

When you define or modify logical control units, you must enter a value in the consistency group timeout field.

Action

Enter a positive integer value in the field.

CMUG00012E Consistency group timeout: A positive integer value is required.**Explanation**

When you define or modify logical control units, you must enter a positive integer value in the consistency group timeout field. The field contains an invalid value.

Action

Enter a positive integer value in the field.

CMUG00013E Select at least one LCU.**Explanation**

When you are defining volume characteristics, you must select at least one logical control unit from the selection box.

Action

Select at least one LCU from the selection box.

CMUG00014W This operation deletes volumes. Select OK to delete the volumes. Select Cancel to cancel the operation.**Explanation**

You are being asked to confirm that you want to delete the volumes that you have selected.

Action

Select OK to delete the volumes. Select Cancel to cancel the operation.

CMUG00015E You must select an extent pool from which to create these volumes.**Explanation**

You must select an extent pool from which the volumes are created.

Action

Select an extent pool from the table.

CMUG00016E *VALUE_0* must be between *VALUE_1* and *VALUE_2*.

Explanation

The entered value must be within the specified range that is provided in the message.

Action

Enter a value within the specified range.

CMUG00017E You must enter an alphabetic prefix or a numeric suffix. You may enter both.

Explanation

This operation assists you in creating a range of volume nicknames consisting of an alphabetic prefix followed by a number that increases sequentially. If you enter a prefix only, all the volumes that you create will have the same nickname. If you enter a suffix only, the volumes that you create will be identified by a sequence of numerical volume nicknames. If you enter both a prefix and a suffix, the volume nicknames will all have the same prefix, and have numerically increasing suffixes.

Action

Enter a prefix, a suffix, or both.

CMUG00018E The value that you enter for a suffix must be a number.

Explanation

This operation assists you in creating a range of volume nicknames consisting of an alphabetic prefix followed by a number that increases sequentially. If you enter a prefix only, all the volumes that you create will have the same nickname. If you enter a suffix only, the volumes that you create will be identified by a sequence of numerical volume nicknames. If you enter both a prefix and a suffix, the volume nicknames will all have the same prefix, and have numerically increasing suffixes.

Action

Enter a numerical value for the suffix.

CMUG00019W Do you want *VALUE_1* increased sequentially and appended to *VALUE_0*?

Explanation

This operation assists you in creating a range of volume nicknames consisting of an alphabetic prefix that is followed by a number that increases sequentially. You

are being asked to confirm that you want sequentially increasing suffixes appended to the prefix to create volume nicknames, starting with the value that you entered.

Action

Select OK to use the prefix and number combination to create volume nicknames with sequentially increasing numbers. Select Cancel to enter names manually.

CMUG00020E Too few volume addresses are available to create the volumes specified. Select additional logical subsystems.

Explanation

You have checked the select LSS check box in the wizard, but either no logical subsystems are selected, or not enough logical subsystems are selected to provide valid addresses for the volumes that are being created.

Action

Select one or more logical subsystems from the list.

CMUG00021E Multiple volume creation is not permitted with automatic nickname sequence generation disabled.

Explanation

You have disabled automatic nickname sequence generation by unchecking the check box, but are creating more than one volume. This is not permitted.

Action

Create only one volume, or enable automatic nickname sequence generation by checking the check box.

CMUG00022E Select a volume group.

Explanation

You are defining volume characteristics in the wizard. The select volume groups check box has been checked, but no volume groups are selected.

Action

Select a volume group or uncheck the check box.

CMUG00023E You must select one volume to complete the operation.

Explanation

Selecting a single volume is required for this operation. A volume is not selected, or multiple volumes are selected.

Action

Select a single volume.

CMUG00024E You must select at least one volume to complete the operation.

Explanation

Selecting one or more volumes is required for this operation. No volume is selected.

Action

Select at least one volume.

CMUG00025W *VALUE_0* volumes will be deleted. Select OK to delete the volumes. Select Cancel to cancel the operation.

Explanation

You are being asked to confirm that you want to delete the selected volumes.

Action

Click View to view the list of volumes that will be deleted. Select OK to delete the volumes. Select Cancel to cancel the operation.

CMUG00026E You must select one extent pool.

Explanation

You must select an extent pool to continue. No extent pool is selected.

Action

Select an extent pool.

CMUG00027E *VALUE_0* must be between *VALUE_1* and *VALUE_2*.

Explanation

The entered value must be within the specified range in the message.

Action

Enter a value within the specified range.

CMUG00028E The ratio of alias volumes to base volumes must be expressible in whole numbers. Fractional ratios are not permitted.

Explanation

You can specify more aliases than base volumes, or you can specify more base volumes than aliases. In either case, the larger number must be evenly divisible by the smaller number, with no remainder.

You can assign 4 aliases to 1 base volume. The ratio is 4:1. You can assign 1 alias to 3 base volumes. The ratio is 1:3. You cannot assign 2 aliases to 5 base volumes. The ratio is 1:2.5.

Action

Specify numbers of aliases and base volumes such that the larger number is evenly divisible by the smaller number.

CMUG00029E The number of table selections does not agree with the number entered in the text box.

Explanation

You must select the same number of volumes from the table as you indicated in the text box.

Action

Select the same number of volumes from the table, or change the number in the text box.

CMUG00030E No base volumes have been specified.

Explanation

To add aliases, the number of base volumes must be greater than zero.

Action

Specify at least one base volume, and then resubmit the task.

CMUG00031E The selected extent pool is too small. No volumes can be created.

Explanation

The size of the selected extent pool is smaller than the smallest possible volume size. No volumes can be created.

Action

Increase the size of the extent pool, select a larger extent pool, or specify a smaller volume size.

CMUG00032E All of the selected volumes must be of the same data type.

Explanation

All of the volumes in a volume group must be of the same data type. Not all of the selected volumes are of the same data type.

Action

Select volumes that are all of the same data type, and then resubmit the task.

CMUG00033E The specified combination of volume quantity and size exceeds the available space in the extent pool, or the requested quantity of volumes cannot be created on one of the selected volume groups.

Explanation

You are using the create open system volumes wizard to define volume properties. This operation validates the request and one of the following conditions exists:

- The requested storage space exceeds the available storage space in the extent pool.
- A volume group is selected and the sum of the requested quantity of volumes and the current quantity of volumes in the volume group is greater than the maximum quantity of volumes for that type of volume group.

Action

Specify a combination of quantity of volumes and volume size such that the additional space that you requested is less than or equal to the available space in the extent pool. Ensure that you do not exceed the maximum quantity of volumes for the volume group when the quantity of volumes that you request is added to the current quantity of volumes in the volume group.

CMUG00034E Volume nicknames must be unique within a storage image. Do you want *VALUE_1* increased sequentially and concatenated to *VALUE_0*?

Explanation

This operation assists you in creating a range of volume nicknames consisting of an alphabetic prefix followed by a number that increases sequentially. You are being asked to confirm that you want sequentially increasing suffixes appended to the prefix to create volume nicknames, starting with the value that you entered.

Action

Select OK to use the prefix and number combination to create volume nicknames with sequentially increasing numbers. Select Cancel to enter names manually.

CMUG00035E Multiple volume creation is not permitted with automatic nickname sequence generation disabled.

Explanation

You have disabled automatic nickname sequence generation by unchecking the check box, but are creating more than one volume. This is not permitted.

Action

Create only one volume, or enable automatic nickname sequence generation by checking the check box.

CMUG00036E The value you enter for a suffix must be a number.

Explanation

This operation assists you in creating a range of volume nicknames consisting of an alphabetic prefix followed by a number that increases sequentially. If you enter a prefix only, all the volumes that you create will have the same nickname. If you enter a suffix only, the volumes that you create will be identified by a sequence of numerical volume nicknames. If you enter both a prefix and a suffix, the volume nicknames will all have the same prefix, and have numerically increasing suffixes.

Action

Enter a numerical value for the suffix.

CMUG00037E You must enter an alphabetic prefix or a numeric suffix. You may enter both.

Explanation

This operation assists you in creating a range of volume nicknames consisting of an alphabetic prefix followed by a number that increases sequentially. If you enter a prefix only, all the volumes you create will have the same nickname. If you enter a suffix only, the volumes you create will be identified by a sequence of numerical volume nicknames. If you enter both a prefix and a suffix, the volume nicknames will all have the same prefix, and have numerically increasing suffixes.

Action

Enter a prefix, a suffix, or both.

**CMUG00038W The following extent pools will be deleted: *VALUE_0*
Select OK to delete the extent pools. Select Cancel to cancel the operation.**

Explanation

You are being asked to confirm that you want to delete the selected extent pools.

Action

Select OK to delete the extent pools. Select Cancel to cancel the operation.

CMUG00039W These extent pools have volumes configured in them: *VALUE_1*. *VALUE_0* volumes will be deleted as part of the extent pool deletion process. Click Continue to delete the extent pools and volumes that are listed. Click Cancel to cancel the operation.

Explanation

Deleting the selected extent pools also deletes the volumes that are configured in the extent pools.

Action

Click Continue to delete the extent pools and volumes that are listed in the message. Click Cancel to cancel the operation.

CMUG00040E Nicknames must be no more than 16 characters long.

Explanation

The entered nickname is longer than the allowed maximum length.

Action

Enter a nickname 16 characters or shorter in length.

CMUG00041E The requested storage is not available. Only *VALUE_0* GB is available.

Explanation

More storage space than the amount that is available has been requested.

Action

Enter an amount less than or equal to the amount available.

CMUG00042E No storage is available for this configuration.

Explanation

You are attempting to define an extent pool, but no storage space is available.

Action

Add more storage to the storage image, or free storage space that is currently in use.

CMUG00044E Select a rank from the table or create a new rank.**Explanation**

You must choose at least one rank to assign to the extent pool. No rank is selected from the table.

Action

Select a rank from the available ranks table or select the Create new ranks button to create a rank.

CMUG00045E The number entered must be a percentage, entered as an integer between 0 and 100.**Explanation**

Reserve storage must be entered as a percentage of total extent pool storage.

Action

Enter an integer between 0 and 100.

CMUG00046E The threshold amount is not available. Only *VALUE_0* GB is available.**Explanation**

You are requesting a threshold amount greater than the available amount.

Action

Enter an amount less than or equal to the available amount.

CMUG00047E Select an array site.**Explanation**

When you create custom arrays, you must select at least one array site.

Action

Select at least one array site for the custom array.

CMUG00048E You must enter a number less than or equal to *VALUE_0*.**Explanation**

You have requested more arrays than can be created for the RAID type.

Action

Enter a number less than or equal to the number that is supplied in the message.

CMUG00049W These arrays and their associated ranks will be deleted: *VALUE_0* Select OK to delete the arrays and their associated ranks. Select Cancel to cancel the operation.

Explanation

You are being asked to confirm that you want to delete the arrays that you have selected. Any ranks built upon these arrays will be deleted also.

Action

Select OK to delete the arrays and their associated ranks. Select Cancel to cancel the operation.

CMUG00050W There are *VALUE_0* volumes that have storage configured on the following arrays: *VALUE_1*. These volumes will be deleted as part of the array deletion process. Select Continue to delete the arrays and volumes. Select Cancel to cancel the operation.

Explanation

Deleting the arrays also deletes the volumes that are configured on the arrays.

Action

Select Continue to delete the arrays and volumes that are listed in the message. Select Cancel to cancel the operation.

CMUG00051E Array creation is not possible. No array sites are available on the storage image.

Explanation

Arrays are created on array sites. You have selected the Create arrays automatically radio button, but the necessary resources are not available on the storage image. Arrays or ranks might have been deleted recently from the storage image, and DDM format tasks might be in progress.

Action

Check the state of the DDMs. Wait until all DDMs that have a state of Initializing change to a state of Normal, and then resubmit the task.

CMUG00052E A nickname is required.

Explanation

A nickname is required to continue the wizard.

Action

Enter a nickname.

CMUG00053E Select at least one volume.**Explanation**

To continue, at least one volume must be selected from the table.

Action

Select one or more volumes from the table.

CMUG00054W *VOLUME_GROUPS* volume groups will be deleted. Select OK to delete the volume groups. Select Cancel to cancel the operation.**Explanation**

You are being asked to confirm that you want to delete the volume groups that you have selected.

Action

Select OK to delete the volume groups. Select Cancel to cancel the operation.

CMUG00055E Select one or more host types.**Explanation**

To create a volume group, you must select one or more host types that can be attached to the volume group. As you select types, the list of available types is automatically narrowed to a set of compatible host types.

Action

Select one or more host types from the list of available host types.

CMUG00056E A host nickname is required.**Explanation**

A nickname for the host is necessary to complete this operation.

Action

Enter a host nickname.

CMUG00057E A host type is required to create a new host. Select a host type.**Explanation**

A host type is required to create a new host. No host type is selected.

Action

Select a type from the list of host systems.

CMUG00058E The port quantity is required. Enter the quantity of ports for this type.

Explanation

To properly define host ports, you must identify the quantity of each type of port. No quantity is entered.

Action

Enter a quantity.

CMUG00059E The port type is required. Select a port type.

Explanation

To properly define host ports, you must identify the type of each port. No type is selected from the list.

Action

Select a type from the drop-down list.

CMUG00060E Select WWPNs for all the ports.

Explanation

For communication and security purposes, each host port is identified by its worldwide unique port name (WWPN). A list of names is provided in the drop-down box. You must identify each port in this host attachment by selecting a name from the list or manually entering a WWPN.

Action

To identify each port, select a WWPN from the list, or manually enter a WWPN.

CMUG00061E Select a host attachment identifier to connect to the storage image ports.

Explanation

To complete the link between host ports and storage image ports, you must associate a host attachment identifier with the storage image.

Action

Select a host attachment identifier from the table.

CMUG00062E At least one host port must be defined for this host system before data can be saved.

Explanation

As part of the process of creating a host system, you must define at least one port for that host.

Action

Define at least one host port before saving the host system data.

CMUG00063E At least one storage image must be selected for attachment to the newly defined host port.

Explanation

The newly defined SCSI host port is not attached to a storage image. You must select at least one storage image for attachment before the host data can be saved.

Action

Select a storage image to which the host port can be attached.

CMUG00064E A host nickname is required.

Explanation

You must identify the host system by supplying a host nickname before modifications can be performed.

Action

Enter a host nickname.

CMUG00065E The port quantity is required. Provide the number of ports for this host attachment.

Explanation

You are modifying a host attachment, but no quantity is entered.

Action

Enter the number of ports for this port type in the quantity field.

CMUG00066E The port type is required. Select a port type.

Explanation

You are modifying a host attachment, but no port type is selected.

Action

Select the type of the ports for the attachment for the drop-down list.

CMUG00067E Select the WWPNs for all the ports for this host attachment.

Explanation

For communication and security purposes, each host port is identified by its worldwide unique port name (WWPN). A list of names is provided in the drop-down box. You must identify each port in this host attachment by selecting a name from the list or manually entering a WWPN.

Action

To identify each port, select a WWPN from the list, or manually enter a WWPN.

CMUG00068E Select a host attachment identifier to connect to the storage image ports.

Explanation

To complete the link between host ports and storage image ports, you must associate a host attachment identifier with the storage image.

Action

Select a host attachment identifier from the table.

CMUG00069W These hosts will be deleted: *VALUE_0*. Select Continue to delete the hosts. Select Cancel to cancel the operation.

Explanation

You are being asked to confirm that you want to delete the hosts that you have selected.

Action

Select Continue to delete the hosts. Select Cancel to cancel the operation.

CMUG00070W The selected host attachment ports will be deleted. Select Continue to delete the host attachment ports. Select Cancel to cancel the operation.

Explanation

You are being asked to confirm that you want to delete the host attachment ports that you have selected.

Action

Select Continue to delete the host attachment ports. Select Cancel to cancel the operation.

CMUG00071E Select one or more of the choices below.

Explanation

You are in the process of importing data about a storage complex, and you are being asked to identify which type of data to import:

- General storage complex settings.
- All storage unit physical configurations.
- All storage unit logical configurations.
- All host attachments for the storage units.

You must select at least one of the check boxes to continue.

Action

Select one or more of the check boxes.

CMUG00072W The selected storage complexes will be deleted. Select OK to delete the storage complexes. Select Cancel to cancel the operation.

Explanation

You are being asked to confirm that you want to remove the storage complexes that you have selected from the list.

Action

Select OK to delete the storage complexes. Select Cancel to cancel the operation.

CMUG00073E Storage complex authentication error.

Explanation

When you add a storage complex, its management console must be properly identified, and a valid user name and password must be supplied.

Action

Specify the correct management console IP address, user name, and password.

CMUG00074W You have selected to initiate the power-on operation for this storage unit. Attention: The power-on operation can take approximately 5 minutes to complete. Access to all storage units in the storage complex using the graphical user interface or command-line interface might not be available until the storage unit power-on operation completes. Select OK to turn on power to the storage unit, or select Cancel to cancel the operation.

Explanation

If you select OK to proceed, the power to the storage unit is turned on.

Action

Select OK to turn on power to the storage unit, or select Cancel to cancel the operation.

CMUG00075W You have selected to initiate the power-off operation for this storage unit. Attention: The power-off operation can take approximately 5 to 25 minutes to complete. Access to all storage units in the storage complex using the graphical user interface or command-line interface might not be available until the storage unit power-off operation completes. Select OK to turn off power to the storage unit, or select Cancel to cancel the operation.

Explanation

If you select OK to proceed, the power to the storage unit is turned off.

Action

Select OK to turn off power to the storage unit, or select Cancel to cancel the operation.

CMUG00076W You have selected a choice that will force the offline sequence for this storage unit. Select OK to force the storage unit offline. Select Cancel to cancel the operation.

Explanation

If you proceed, the unit is forced offline.

Action

Select OK to force the storage unit offline. Select Cancel to cancel the operation.

CMUG00077W You have selected a choice that initiates the sequence to bring this storage unit online. Select OK to bring the storage unit online. Select Cancel to cancel the operation.

Explanation

If you proceed, the unit is brought online.

Action

Select OK to bring the storage unit online. Select Cancel to cancel the operation.

CMUG00078W You have selected a choice that initiates the sequence to take this storage unit offline. Select OK to take the storage unit offline. Select Cancel to cancel the operation.

Explanation

If you proceed, the unit is taken offline.

Action

Select OK to take the storage unit offline. Select Cancel to cancel the operation.

CMUG00079W Cannot perform the task. The storage unit is not online.

Explanation

You have submitted a task to a storage unit that is not online. The task cannot be performed by a system that is not online.

Action

Bring the system online, and then resubmit the task.

CMUG00080W Do you want to delete the simulated storage units *STORAGE_UNITS* in the selected storage complexes as well? Select OK to delete the storage units. Select Continue to delete only the storage complexes. Select Cancel to cancel the operation.

Explanation

You have assigned simulated storage units to the storage complexes that you intend to delete. By selecting OK you will delete these storage units as well. By selecting Continue you will retain the storage units and continue to delete the storage complexes only. By selecting Cancel you will cancel the operation.

Action

Select OK to delete the simulated storage units. Select Continue to continue without deleting the storage units. Select Cancel to cancel the operation.

CMUG00081W Changing the physical configuration will clear the existing logical configuration. Select Continue to change the physical configuration of the storage unit and clear the existing logical configuration. Select Cancel to cancel the operation.

Explanation

Modifying the physical configuration of a simulated storage unit (in offline mode) makes any existing logical configuration obsolete. Any existing logical configuration is automatically deleted. By selecting Continue you will continue with the change and the logical configuration will be deleted. By selecting Cancel you will cancel the physical configuration change and retain the existing logical configuration.

Action

Select Continue to change the physical configuration and delete the logical configuration. Select Cancel to cancel the change.

CMUG00082E At least two DDM packs must be added to the Selected DDM packs table.

Explanation

You cannot continue the wizard before adding the minimum number of DDM packs to the Selected DDM packs table.

Action

Add at least two DDM packs to the Selected DDM packs table.

CMUG00083E Invalid I/O adapter quantity. The quantity must be between *VALUE_0.* and *VALUE_1.*

Explanation

An invalid adapter quantity has been specified. For any entry field, you can enter a value between 2 and 32. The total number of adapters for all fields must be less than or equal to 32.

Action

Specify a valid adapter quantity.

CMUG00084W The selected storage units will be deleted. Select OK to delete the storage units. Select Cancel to cancel the operation.

Explanation

You are being asked to confirm that you want to delete the selected storage units. By selecting OK, you will delete the storage units. By selecting Cancel, you will return to the wizard without deleting the storage units.

Action

Select OK to delete the storage units. Select Cancel to cancel the operation.

CMUG00085E Select a storage complex.**Explanation**

You have elected to select a storage complex from a list of storage complexes, but no storage complex is selected.

Action

Select a storage complex from the list.

CMUG00086E Select a storage unit.**Explanation**

You must select a storage unit from a list of storage units in the storage complex, but no storage unit is selected.

Action

Select a storage unit from the list.

CMUG00087E Select at least one storage image.**Explanation**

You are loading a configuration to a storage unit that contains more than one storage image. You must select at least one storage image where the configuration is to be applied from a list of the storage images on the storage unit. No storage image is selected.

Action

Select a storage image from the list.

CMUG00088E Select an xml file containing License Machine Code activation codes for this storage image.**Explanation**

You have chosen to import your License Machine Code activation codes using an xml formatted file, but no file is selected.

Action

Select a file and select OK to import the activation codes. Select Cancel to cancel the operation.

CMUG00089E Incorrectly formatted License Machine Code activation codes file**Explanation**

The file containing License Machine Code activation codes for this storage image is not the correct format. The file you select must be an xml formatted file that you have obtained from an authorized IBM source.

Action

Select the correct file and select OK to import the activation codes. Select Cancel to cancel the operation.

CMUG00090E Incorrect License Machine Code activation codes file**Explanation**

The selected file does not contain License Machine Code activation codes for this storage image. The file that you select must be an xml formatted file that you have obtained from an authorized IBM source, and it must contain activation codes designated for this storage image.

Action

Select the correct file and select OK to import the activation codes, or select Cancel to cancel the operation.

CMUG00091W The current License Machine Code activation codes will be overwritten by the codes being imported. Select Continue to overwrite the current codes with the new codes. Select Cancel to cancel the operation.**Explanation**

You are being asked to confirm that you want to overwrite the current License Machine Code activation codes with values imported from the file you selected.

Action

Select Continue to overwrite the current codes with the new codes. Select Cancel to cancel the operation.

CMUG00092W This operation applies the activation codes to the storage image. Select OK to apply the activation codes. Select Cancel to cancel the operation.**Explanation**

You are being asked to confirm that you want to apply the activation codes to the selected storage image.

Action

Select OK to apply the activation codes. Select Cancel to cancel the operation.

CMUG00093E You must add at least one host attachment to the storage image.

Explanation

Before information about your newly defined host can be saved, you must add at least one host attachment to the storage image.

Action

Add at least one host attachment, and then resubmit the task.

CMUG00094E Unable to attach host. No I/O port is selected.

Explanation

You have selected a host to attach to an I/O port, but no I/O port is selected from the table.

Action

Select an I/O port from the table of available ports, and then resubmit the task.

CMUG00095E Unable to attach host. No compatible I/O ports are available on the storage image.

Explanation

You have selected a host to attach to an I/O port, but no compatible I/O ports are available on the storage image.

Action

Add a compatible I/O port to the storage image or make an existing port available, and then resubmit the task.

CMUG00096E Model 2105 storage unit authentication error

Explanation

You are adding a model 2105 Enterprise Storage Server Copy Services domain, but the authentication information provided produced an error.

Action

Provide a valid IP address, user name, and password.

CMUG00097W This operation deletes the selected enterprise configuration. Select OK to delete the configuration. Select Cancel to cancel the operation.

Explanation

You are being asked to confirm that you want to delete the selected enterprise configuration.

Action

Select OK to delete the enterprise configuration. Select Cancel to cancel the operation.

CMUG00098W Only one enterprise configuration can be open at any time. Select OK to save the current configuration. Select Continue to continue without saving the current configuration.

Explanation

You are being asked if you want to save the current enterprise configuration before you open the selected configuration.

Action

Select OK to save the current enterprise configuration. Select Continue to continue without saving the current configuration.

CMUG00099W Select an xml file that contains an enterprise configuration.

Explanation

This process imports an enterprise configuration by reading an xml file on your file system. No xml file is selected, or the file cannot be found.

Action

Select an enterprise configuration file that is in the correct xml format, and then resubmit the task.

CMUG00100E Unable to connect to the specified management console.

Explanation

The DS Storage Manager is unable to connect to the specified management console. This might be because the specified IP address is incorrect, because the management console is not online, or because a network path is not available.

Action

Ensure that the specified IP address is correct, that the management console is available, and that the network is functioning.

CMUG00101E The IP address of management console 2 cannot be the same as the IP address of management console 1.

Explanation

You are being asked to provide the IP addresses of two different management consoles.

Action

Enter two distinct IP addresses, and then resubmit the task.

CMUG00102E Select unique WWPNS for ports *VALUE_0*.

Explanation

Host ports must have unique worldwide port names (WWPNs). The same WWPN is selected more than once.

Action

Select unique WWPNs for each port, and then resubmit the task.

CMUG00103E Enter unique WWPNS for ports *VALUE_0*.

Explanation

Host ports must have unique worldwide port names (WWPNs). The same WWPN is entered more than once.

Action

Enter unique WWPNs for each port, and then resubmit the task.

CMUG00104E Unable to attach host port *PORT*. WWPNS *WWPN_IDs* are being used by another host port on storage image *IMAGE*.

Explanation

Host ports must have unique worldwide port names (WWPNs). The specified WWPN is being used by another host port on the storage image.

Action

Select unique WWPNs for the port, and then resubmit the task.

CMUG00105W These ranks will be deleted from the selected extent pool: *VALUE_0*. Select Continue to delete the ranks that are listed. Select Cancel to cancel the operation.

Explanation

You are being asked to confirm that you want to delete the ranks.

Action

Select Continue to delete the ranks that are listed in the message. Select Cancel to cancel the operation.

CMUG00106E The specified storage complex is incompatible with this DS Storage Manager software.

Explanation

If you are using the DS8000 Storage Manager, you cannot connect to a DS6000 storage complex. If you are using the DS6000 Storage Manager, you cannot connect to a DS8000 storage complex.

Action

Specify the IP address of a compatible storage complex, and then resubmit the task.

CMUG00107E A nickname must be between 1 and 16 characters long.

Explanation

You must specify a nickname that is between 1 and 16 characters in length.

Action

Specify a nickname between 1 and 16 characters long, and then resubmit the task.

CMUG00108E You must select at least one array site before you can continue.

Explanation

To create an array, you must first select an array site.

Action

Select an array site from the table, and then resubmit the task.

CMUG00109E These ranks have extents in use and they cannot be removed from the extent pool: *RANKS*.

Explanation

A rank can be removed from an extent pool only if there are no extents on that rank in use.

Action

Specify different ranks or remove any volumes that use extents from the ranks, and then resubmit the task.

CMUG00110E The number of selections in the table must be a whole number multiple of the number of base volumes you enter. Fractional ratios are not permitted.

Explanation

The number of base volumes must be equal to the number of selections in the table, or the number of selections must be a whole number multiple of the number of base volumes.

Action

Specify a number of base volumes or select from the table such that the number of selections is evenly divisible by the number of base volumes.

CMUG00111E The nickname *NICKNAME* is already used for another host. Enter a unique nickname.

Explanation

The nickname that you specified is not unique. A unique nickname is required.

Action

Specify a unique nickname, and then resubmit the task.

CMUG00112E The storage complex found at the specified IP address is offline. Only online storage complexes can be added when using the Real-time Manager.

Explanation

The Real-time Manager tool cannot accept connections to offline storage complexes.

Action

Place the storage complex online or select another storage complex that is online, and then resubmit the task.

CMUG00113E The total number of aliases and bases that are to be created exceeds the number of available addresses in the selected LCUs.

Explanation

You cannot create more aliases and bases than the number of available addresses in the selected logical control units.

Action

Either reduce the number of aliases that you want to create or select more logical control units in the define volume characteristics step.

CMUG00114E The number of fibre-channel port I/O adapters cannot be 1. You must have at least 2 of the same adapter if you are configuring an adapter.

Explanation

You must specify a valid number of short wave and long wave I/O adapters (2 - 32) when you are configuring the I/O adapters for a storage unit. The cumulative sum of all adapters must be greater than or equal to 2 and less than or equal to 32. You must have at least 2 of the same adapter before incrementing by one.

Action

Enter the number of short wave adapters (0, 2 - 32). Do not enter 1.

CMUG00115E Select a machine model from the list.

Explanation

The model is required.

Action

Select a model from the list, and then resubmit the task.

CMUG00116E Storage image *ID* has been configured on this management console, but it is not accessible at this time.

Explanation

The storage image may be unavailable for one of the following reasons:

- The storage unit is powered off.
- The network connection to the storage unit has been removed or has failed.
- The storage unit has multiple storage images, and the specified storage image has been deconfigured.

Action

Ensure that the storage unit is powered on and available, and that the storage image is still configured. If the problem persists, contact IBM technical support for assistance.

CMUG00117I The task that you have initiated opens the default enterprise file. Do not open any pages in the Simulated manager until the task has completed.

Explanation

Because there is a brief time period during this task when no configuration file is open, you must not open any pages in the Simulated manager until the task has completed.

Action

Do not open any pages in the Simulated manager until the task has completed.

CMUG00118W This operation changes the configuration of the selected I/O ports. Changing the configuration might make the ports unusable by hosts that are now attached to them. Select Continue to change the I/O port configuration. Select Cancel to cancel the operation.

Explanation

The operation that you selected changes the configuration of the selected I/O ports. If those ports have hosts that are attached to them, the hosts might not be able to access data using the ports.

Action

Select Continue to reconfigure the selected I/O ports. Select Cancel to cancel the operation.

CMUG00119E Invalid value: *VALUE_0* entered for *VALUE_1* . The WWPN must be a hexadecimal number between *VALUE_2* and *VALUE_3*.

Explanation

The port specification contains an invalid value for the worldwide port name of a host port. You must enter a hexadecimal number within the specified range.

Action

Enter a valid hexadecimal number within the specified range.

CMUG00120W The following hosts are attached to incompatible ports: *VALUE_0* . The hosts might be unable to communicate using these ports.

Explanation

Another user might have modified the I/O port topology at the same time that you modified or created the host attachment. For example, a host port with the attachment type FCAL might be attached to I/O ports that have their topology set to FICON.

Action

Move the host cables to compatible I/O ports, or select the Configure I/O Ports button at the bottom of the screen and then reconfigure the I/O ports.

CMUG00121W The selected volume size is compatible with only iSeries V5R3.**Explanation**

The selected volume size is compatible with only iSeries V5R3. It is not compatible with other systems.

Action

Ensure that the volume is connected to only iSeries V5R3 systems, or select another volume size.

CMUG00122E Unable to create volume. No extent pools are available.**Explanation**

Either no extent pools are configured or insufficient space is available on the configured extent pools.

Action

Configure one or more additional extent pools, and then resubmit the task.

CMUG00123E The selected storage complexes do not exist in the current configuration.**Explanation**

You began to delete one or more storage complexes from an enterprise, but the enterprise configuration changed or the enterprise was closed before you completed the task for the following possible reasons:

- The storage complexes were deleted from another session.
- The enterprise was closed and you are now configuring another enterprise.
- The network connection to the storage complexes failed.

Action

Close the current panels and reopen the enterprise. If the problem persists, contact IBM technical support for assistance.

CMUG00124E Invalid logical volume size. See the help text for this message for valid sizes.**Explanation**

The specified volume size is not supported on all platforms. Supported logical volume sizes are microcode level dependent.

For DS microcode levels 5.0.3 and above:

- Supported Enterprise Storage System (ESS) logical volume sizes range from 0.1 to 982.2 decimal gigabytes (1GB = 10⁹ bytes). You can calculate the exact

number of 512 byte blocks as $\text{INT}((\text{INT}(\text{GB} \times 10^9 / 512) + 63) / 64) \times 64$. The size of the volume that is created on the ESS is identical to the size of the volume that is created on the DS.

- Supported DS logical volume sizes range from 1 to 2048 binary gigabytes (1GB = 2^{30} bytes). This allocation uses the storage capacity of DS systems most efficiently.
- Supported block logical volume sizes range from 1 to 4 binary gigablocks (1 gigablock = 2^{30} 512-byte blocks). If a specified size matches a supported DS or ESS logical volume size, the volume is identified as a DS or ESS logical volume, even though it is created by specifying the blocks volume type.
- Supported iSeries logical volume sizes are expressed in decimal gigabytes (1GB = 10^9 bytes): A0 (8.6 GB protected) A81 (8.6GB, unprotected) A02 (17.5 GB protected) A82 (17.5 GB unprotected) A04 (70.5 GB protected) A84 (70.5 GB unprotected) A05 (35.1 GB protected) A85 (35.1 GB unprotected) A06 (141.12 GB protected) A86 (141.12 GB unprotected) A07 (282.25 GB protected) A87 (282.25 GB unprotected)

For DS microcode levels 5.0.1 and 5.0.2, block logical volume sizes must be a multiple of 128, and ESS logical volume sizes must be in the following list:

0.1 (0.1) 0.2 (0.2) 0.3 (0.3) 0.4 (0.4) 0.9 (0.8) 1.0 (0.9) 1.1 (1.0) 1.2 (1.1) 1.7 (1.6) 1.8 (1.7) 1.9 (1.8) 2.0 (1.9) 2.5 (2.3) 2.6 (2.4) 2.7 (2.5) 2.8 (2.6) 3.3 (3.1) 3.4 (3.2) 3.5 (3.3) 3.6 (3.4) 3.7 (3.4) 4.2 (3.9) 4.3 (4.0) 4.4 (4.1) 4.5 (4.2) 5.0 (4.7) 5.1 (4.7) 5.2 (4.8) 5.3 (4.9) 5.8 (5.4) 5.9 (5.5) 6.0 (5.6) 6.1 (5.7) 6.7 (6.2) 6.8 (6.3) 6.9 (6.4) 7.0 (6.5) 7.5 (7.0) 7.6 (7.1) 7.7 (7.2) 7.8 (7.3) 8.3 (7.7) 8.4 (7.8) 8.5 (7.9) 8.6 (8.0) 9.1 (8.5) 9.2 (8.6) 9.3 (8.7) 9.4 (8.8) 10.0 (9.3) 10.1 (9.4) 10.2 (9.5) 10.3 (9.6) 10.8 (10.1) 10.9 (10.2) 11.0 (10.2) 11.1 (10.3) 11.6 (10.8) 11.7 (10.9) 11.8 (11.0) 11.9 (11.1) 12.4 (11.5) 12.5 (11.6) 12.6 (11.7) 12.7 (11.8) 13.3 (12.4) 13.4 (12.5) 13.5 (12.6) 13.6 (12.7) 14.1 (13.1) 14.2 (13.2) 14.3 (13.3) 14.4 (13.4) 14.9 (13.9) 15.0 (14.0) 15.1 (14.1) 15.2 (14.2) 15.7 (14.6) 15.8 (14.7) 15.9 (14.8) 16.0 (14.9) 16.6 (15.5) 16.7 (15.6) 16.8 (15.6) 16.9 (15.7) 17.4 (16.2) 17.5 (16.3) 17.6 (16.4) 17.7 (16.5) 18.2 (17.0) 18.3 (17.0) 18.4 (17.1) 18.5 (17.2) 19.0 (17.7) 19.1 (17.8) 19.2 (17.9) 19.3 (18.0) 19.4 (18.1) 19.9 (18.5) 20.0 (18.6) 20.1 (18.7) 20.2 (18.8) 20.7 (19.3) 20.8 (19.4) 20.9 (19.5) 21.0 (19.6) 21.5 (20.0) 21.6 (20.1) 21.7 (20.2) 21.8 (20.3) 22.3 (20.8) 22.4 (20.9) 22.5 (21.0) 22.6 (21.0) 22.7 (21.1) 23.2 (21.6) 23.3 (21.7) 23.4 (21.8) 23.5 (21.9) 24.0 (22.4) 24.1 (22.4) 24.2 (22.5) 24.3 (22.6) 24.8 (23.1) 24.9 (23.2) 25.0 (23.3) 25.1 (23.4) 25.6 (23.8) 25.7 (23.9) 25.8 (24.0) 25.9 (24.1) 26.0 (24.2) 26.5 (24.7) 26.6 (24.8) 26.7 (24.9) 26.8 (25.0) 27.3 (25.4) 27.4 (25.5) 27.5 (25.6) 27.6 (25.7) 28.1 (26.2) 28.2 (26.3) 28.3 (26.4) 28.4 (26.4) 28.9 (26.9) 29.0 (27.0) 29.1 (27.1) 29.2 (27.2) 29.3 (27.3) 29.8 (27.8) 29.9 (27.8) 30.0 (27.9) 30.1 (28.0) 30.6 (28.5) 30.7 (28.6) 30.8 (28.7) 30.9 (28.8) 31.4 (29.2) 31.5 (29.3) 31.6 (29.4) 31.7 (29.5) 32.3 (30.1) 32.4 (30.2) 32.5 (30.3) 32.6 (30.4) 33.1 (30.8) 33.2 (30.9) 33.3 (31.0) 33.4 (31.1) 33.9 (31.6) 34.0 (31.7) 34.1 (31.8) 34.2 (31.9) 34.7 (32.3) 34.8 (32.4) 34.9 (32.5) 35.0 (32.6) 35.6 (33.2) 35.7 (33.2) 35.8 (33.3) 35.9 (33.4) 36.4 (33.9) 36.5 (34.0) 36.6 (34.1) 36.7 (34.2) 37.2 (34.6) 37.3 (34.7) 37.4 (34.8) 37.5 (34.9) 38.0 (35.4) 38.1 (35.5) 38.2 (35.6) 38.3 (35.7) 38.9 (36.2) 39.0 (36.3) 39.1 (36.4) 39.2 (36.5) 39.7 (37.0) 39.8 (37.1) 39.9 (37.2) 40.0 (37.3) 40.5 (37.7) 40.6 (37.8) 40.7 (37.9) 40.8 (38.0) 41.3 (38.5) 41.4 (38.6) 41.5 (38.6) 41.6 (38.7) 42.2 (39.3) 42.3 (39.4) 42.4 (39.5) 42.5 (39.6) 43.0 (40.0) 43.1 (40.1) 43.2 (40.2) 43.3 (40.3) 43.8 (40.8) 43.9 (40.9) 44.0 (41.0) 44.1 (41.1) 44.6 (41.5) 44.7 (41.6) 44.8 (41.7) 44.9 (41.8) 45.0 (41.9) 45.5 (42.4) 45.6 (42.5) 45.7 (42.6) 45.8 (42.7) 46.3 (43.1) 46.4 (43.2) 46.5 (43.3) 46.6 (43.4) 47.1 (43.9) 47.2 (44.0) 47.3 (44.1) 47.4 (44.1) 47.9 (44.6) 48.0 (44.7) 48.1 (44.8) 48.2 (44.9) 48.3 (45.0) 48.8 (45.4) 48.9 (45.5) 49.0 (45.6) 49.1 (45.7) 49.6 (46.2) 49.7 (46.3) 49.8 (46.4) 49.9 (46.5) 50.4 (46.9) 50.5 (47.0) 50.6 (47.1) 50.7 (47.2) 51.2 (47.7) 51.3 (47.8) 51.4 (47.9) 51.5 (48.0) 51.6 (48.1) 52.1 (48.5) 52.2 (48.6) 52.3 (48.7) 52.4 (48.8) 52.9 (49.3) 53.0 (49.4) 53.1 (49.5) 53.2 (49.5) 53.7 (50.0) 53.8 (50.1) 53.9 (50.2) 54.0 (50.3) 54.5 (50.8) 54.6 (50.9)

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Action

Specify a valid volume size and then resubmit the task.

CMUG00125E The local storage complex cannot be removed from this configuration.

Explanation

This configuration is maintained on the local storage complex. If you remove the local storage complex, no more configuration changes can be recorded.

Action

Select a different storage complex to remove, or close the form.

CMUG00126I The specified volume size will be rounded up to the next valid binary value: *VALUE_0* GB.

Explanation

Because volume sizes can be specified in either binary or decimal notation, all algorithms round volume sizes up to ensure that the volumes do not overlap. The specified volume size will be rounded up to the next valid binary volume size.

Action

None.

CMUG00127E No volume groups exist. You must create a volume group before you can continue.

Explanation

You must create at least one volume group before you can add a volume to a volume group.

Action

Create at least one volume group, and then resubmit the task.

CMUG00128E These storage images are already logically configured: *VALUE_0*. Reconfiguring a configured storage image is not supported.

Explanation

One or more configured storage images are specified. Reconfiguring a storage image that is already configured is not supported.

Action

Either specify storage images that are not already configured, or use the Real-time Manager to remove the logical configuration of the storage images and then resubmit the Apply Configuration task.

CMUG00129E The management console server is not available.

Explanation

Either the DS Storage Manager is unable to connect to the management console, or the management console is unable to connect to a storage unit. Either condition might be the result of one of the following reasons:

- The management console IP address is incorrect.
- A network path is not available.
- The management console is not online.
- The storage unit is not online.

Action

Ensure that the management console IP address is correct, that the network is functioning, that the management console is available, and that the storage unit is online.

CMUG00130W Host information cannot be retrieved from storage complex *NICKNAME*.

Explanation

The information that is displayed might be incomplete because host information cannot be retrieved from the specified storage complex.

Action

Ensure that the storage complex is online and that a network connection is available. Then resubmit the task.

CMUG00131E The specified location for adapter *ADAPTER* is already in use.

Explanation

The location that you specified for the adapter is already in use.

Action

Specify an unused adapter location and then resubmit the task.

CMUG00132E You must select from each combo box to fully specify the location of adapter *ADAPTER*.

Explanation

You must select image, rack, enclosure, and position to fully specify the location of the adapter.

Action

Fully specify the location of the adapter and then resubmit the task.

CMUG00133E The specified IP address already is assigned to a defined storage complex.

Explanation

Storage complex IP addresses must be unique. The specified IP address is already in use.

Action

Specify a unique IP address or change the IP address already in use, and then resubmit the task.

CMUG00134E Select only volumes that have aliases and are in the same relationship.

Explanation

Aliases cannot be removed because one or more of the selected volumes is not part of the same relationship or it does not have an alias.

Action

Select only volumes that have aliases and are in the same relationship, and then resubmit the task.

CMUG00135E The selected storage unit is not available.

Explanation

The configuration cannot be applied to the selected storage unit because the storage unit is not online in a normal state.

Action

Ensure that the storage unit is available and then resubmit the task, or select a different storage unit.

CMUG00136E The selected storage image is not available.

Explanation

The configuration cannot be applied to the selected storage image because the storage image is not online in a normal state.

Action

Ensure that the storage image is available and then resubmit the task, or select a different storage image.

CMUG00137E A volume group cannot contain more than 256 volumes when you specify the map 256 addressing method. Reduce the number of selected volumes.

Explanation

You cannot select more than 256 volumes if you selected map 256 addressing as your volume group addressing method.

Action

Select 256 or fewer volumes, or return to the Define volume group properties step and select an addressing method other than Map 256 Addressing.

CMUG00138E The specified configuration file is not the correct format. Configuration files have a .cfr file name extension.

Explanation

To import storage units from a configuration file, configuration files must have a file name extension of .cfr (for example, conf.cfr).

Action

Select a .cfr file to import a storage unit configuration. If you do not have a valid configuration file (*.cfr) contact IBM technical support for assistance.

CMUG00139E The number of base volumes in each selected logical control unit must be a whole number multiple of the number of base volumes you enter. Fractional ratios are not permitted.

Explanation

The number of base volumes in one or more logical control units is not a whole number multiple of the specified number of base volumes.

Action

Enter a number that ensures a whole number ratio and then resubmit the task.

CMUG00140E No more volumes can be created from this extent pool. No more volume addresses are available in the rank group.

Explanation

No more volume addresses are available in the rank group (server 0 or 1). You must select or create a different extent pool on the alternate rank group (server).

Action

Select or create a different extent pool on the alternate rank group (server), and then resubmit the task.

CMUG00141E You must select a storage type for FlashCopy storage when the quantity is non zero.

Explanation

You entered a nonzero value for FlashCopy storage. You must also select one of the following storage types from the drop-down list:

- FB only (fixed-block only)
- CKD only (count-key-data only)
- All storage

Action

Either change the FlashCopy storage value to zero, or select a storage type from the list. Then click Next.

CMUG00142E You must select a storage type for Remote Mirror and Copy storage when the quantity is non zero.

Explanation

You entered a nonzero value for Remote Mirror and Copy storage. You must also select one of the following storage types from the drop-down list:

- FB only (fixed-block only)
- CKD only (count-key-data only)
- All storage

Action

Either change the Remote Mirror and Copy storage value to zero, or select a storage type from the list. Then click Next.

CMUG00143E You cannot select a storage type for FlashCopy storage when the quantity is zero.

Explanation

You entered a zero value for FlashCopy storage. You cannot select a storage type from the drop-down list.

Action

Either change the FlashCopy storage value to a nonzero value, or deselect the storage type from the list. Then click Next.

CMUG00144E You cannot select a storage type for Remote Mirror and Copy storage when the quantity is zero.

Explanation

You entered a zero value for Remote Mirror and Copy storage. You cannot select a storage type from the drop-down list.

Action

Either change the Remote Mirror and Copy storage value to a nonzero value, or deselect the storage type from the list. Then click Next.

CMUG00145E The number of DDM packs that are assigned to any storage image must be equal to the number of DDM packs that are assigned to any other storage image on the storage unit, plus or minus 6.

Explanation

The quantity of selected DDM packs has assigned more or fewer DDM packs to the storage image than are permitted for a balanced assignment. The number of DDM packs that are assigned to a storage image must be within 6 DDM packs of the number of DDM packs that are assigned to any other storage image on the storage unit.

Action

Increase or reduce the number of DDM packs to assign, and then resubmit the task.

CMUG00146E Storage complex not found.

Explanation

The specified storage complex cannot be found. The storage complex might have been deleted or the network connection to the storage complex might have failed.

Action

Ensure that the specified storage complex exists, that it is online, and that a network connection to it is available. Then resubmit the task.

CMUG00147E Target storage unit not found.

Explanation

The specified storage unit cannot be found. The storage unit might have been deleted or the network connection to the storage unit might have failed.

Action

Ensure that the specified storage unit exists, that it is online, and that a network connection to it is available. Then resubmit the task.

CMUG00148E Unable to connect to the management console server.

Explanation

The management console might be unavailable, the network connection to the management console might have failed, or the management console server software might not be running.

Action

Ensure that the management console is online, that a network connection to the management console is available, and that the management console server network

interface software is running. Then resubmit the task.

CMUG00149E Configuration transfer error: One or more DDMs is not in a normal state.**Explanation**

The configuration cannot be transferred because one or more disk drive modules is powered off or is not functioning properly.

Action

Follow recommended service procedures to check the status of the disk drive modules and to resolve any hardware problems. When all the DDMs report normal status, resubmit the task.

CMUG00150E Target storage image not found**Explanation**

The specified storage image cannot be found. The storage image might have been deleted or the network connection to the storage image might have failed.

Action

Ensure that the specified storage image exists, that it is online, and that a network connection to it is available. Then resubmit the task.

CMUG00151E The configuration cannot be transferred successfully. The target storage image logical configuration has been altered by a separate task.**Explanation**

A configuration transfer can take up to several hours to complete. Between the time that this configuration transfer began and the time that this error occurred, the target storage image configuration was altered by a task other than the current task. The changes that were made by the separate task make it impossible to complete the configuration transfer. If you resubmit the current task, the new configuration of the target storage image will be taken into account and the task will probably succeed.

Action

Either resume the current Apply Configuration task, or exit and submit a new Apply Configuration task.

**CMUG00152E The configuration cannot be transferred successfully.
The target storage image cannot be deleted because the states of
some of its resources prevent its deletion.**

Explanation

Some of the resources on the target storage image might have failed, might have been placed offline, or are in another state that does not permit deletion. For example, a disk drive module in a targeted array might have failed. The configuration cannot be transferred until these resources can be deleted.

It is also possible that temporary logical resources that were created on the target storage image during the transfer cannot be removed.

Action

1. Examine the target storage image for temporary resources that were created during the transfer and remove these resources.
2. Examine the target storage image for resources that cannot be deleted and take the recommended actions to place them in a normal state.
3. Either resume the current Apply Configuration task, or exit and submit a new Apply Configuration task.

**CMUG00153E The configuration cannot be transferred successfully.
One or more of the resources that are specified to be transferred
already exists on the target storage image.**

Explanation

One or more of the source storage image resources that are specified to be transferred already exists on the target storage image. These logical resources might be arrays, ranks, extent pools, volumes, volume groups, or logical control units. An existing resource on the target storage image cannot be overwritten or modified. Under normal circumstances, the configuration transfer should continue without modifying the existing resource and without indicating an error.

Action

Resubmit the task. If this error reoccurs, identify the duplicate resource and remove it from the target storage image, and then resubmit the task.

To examine the logical configuration of a storage image, use the Configure Storage - Main panels for the following components:

- Arrays
- Ranks
- Extent pools
- OS volumes
- Volume groups
- LCUs
- zSeries volumes

CMUG00155E The physical configuration of the target storage image is not compatible with the physical configuration of the source storage image.

Explanation

The target storage image contains resources that are not compatible with the source storage image. For example, the disk drive module capacity of each array site on the target storage image must be greater than or equal to the disk drive module capacity of the corresponding array site on the source storage image. Another example is host attachments that are specified on the source storage image that are not supported on the target storage image.

Action

Examine the target storage image for incompatible resources and take the recommended actions to replace them, or modify the source storage image configuration to ensure compatibility. Then resubmit the task.

CMUG00156W Volumes will be removed from the volume group. Hosts that are attached to this volume group will no longer have access to these volumes. Click Finish to remove the volumes. Click Cancel to cancel the operation.

Explanation

You are being asked to confirm that you want to remove the volumes from the volume group. Hosts that are attached to the volume group will no longer have access to data on these volumes.

Action

Click Finish to remove the volumes. Click Cancel to cancel the operation.

CMUG00157W Data on the logical volume might have been lost. This operation can cause loss of access to the data on the selected volumes. Are you sure you want to continue? Click Continue to restore access to the volumes. Click Cancel to cancel the operation.

Explanation

You are being asked to confirm that you want to restore access to the volumes in the volume group.

Action

Click Continue to restore access to the volumes. Click Cancel to cancel the operation. If, after you restore access to the volumes, the data state of the volumes does not change to normal, pinned, or read-only, you must delete and reconfigure the volumes.

CMUG00158E Volume nickname cannot exceed 16 characters.**Explanation**

The volume nickname that is created by combining the specified prefix and suffix exceeds the maximum limit of 16 characters.

Action

Provide a prefix and suffix that when combined, do not exceed 16 characters and resubmit the task.

CMUG00159E Error writing the configuration to the target storage unit.**Explanation**

The configuration from the source storage unit could not be written to the target storage unit.

Some resources, such as arrays, ranks, extent pools, volumes, volume groups, or logical control units, are in a state that does not support changes. The resources can be located on the source storage unit or the target storage unit. The state of the logical resource might reflect a hardware resource that is in a failed state, such as a DDM.

Action

Use the DS Storage Manager to check the state of the logical resources of both the source storage unit and target storage unit. If necessary, perform any repair or replacement of bad logical or physical resources and resubmit the task.

CMUG00160E One or more logical resources are not supported for transfer to the target storage unit.**Explanation**

One or more of the logical resources that you are trying to transfer from the source storage unit to the target storage unit is not supported for transfer to the target storage unit.

Action

Read the Readme.txt file to determine which of the specified resources is not supported for transfer at this time. If there are unsupported logical resources, remove them from the source storage unit and resubmit the task.

CMUG00161E Transfer failed for an unknown reason.**Explanation**

The transfer from the source storage unit to the target storage unit failed for an unknown reason.

Action

Check that the logical and physical resources are all in good states, such as Normal. If there are any resources that are in bad states, replace or repair those resources.

Resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUG00162E Error reading the configuration on the source storage unit.

Explanation

The configuration from the source storage unit cannot be read during the transfer process to the target storage unit.

Some resources, such as arrays, ranks, extent pools, volumes, volume groups, or logical control units, are in a state that does not support changes. The state of the logical resource might reflect a hardware resource that is in a failed state, such as a DDM.

Action

Use the DS Storage Manager to check the state of the logical resources of both the source storage unit and the target storage unit. If necessary, perform any repair or replacement of bad logical or physical resources and resubmit the task.

CMUG00163E You cannot create additional logical subsystems. No addresses are available.

Explanation

All logical subsystem addresses are in use by other logical subsystems. You cannot create any additional logical subsystems.

Action

Use one of the existing logical subsystems or delete an existing logical subsystem before you can resubmit the task to create a new logical subsystem.

CMUG00164W *VALUE_1* of the *VALUE_2* selected volumes are assigned to volume groups and will be deleted. Are you sure you want to delete these volumes?

Explanation

You are being asked to confirm that you want to delete the specified volumes. Some of these volumes are assigned to preexisting volume groups. Selecting Ok will delete these volumes from the volume groups.

Action

Click Ok to continue the operation and to delete all of the specified volumes. Click Cancel to cancel the operation without deleting the volumes. Click View to view the list of volumes that are assigned to volume groups.

CMUG00165E You cannot attach iSeries hosts to volume groups that have more than 32 volumes.

Explanation

You have chosen an iSeries host type for this volume group. A single iSeries host can maintain a maximum of 32 volumes per host.

Action

Reduce the number of volumes in the volume group to 32 or fewer. If you must use more than 32 volumes with an iSeries host type, create an additional iSeries host attachment for each set of 32 volumes.

CMUG00166W The following resources will be deleted on target storage unit *TARGET* if you continue to apply the current configuration: *CONFIGURATION* Click Resume to delete the resources and apply the current configuration.

Explanation

You are being asked to confirm that you want to apply the current configuration to the target storage unit. Some of the resources from the online target storage unit do not appear in the offline source storage unit. The current configuration will delete the specified resources on the target storage unit.

Action

If you do not want to delete the specified resources, create the missing resources in the offline storage unit configuration, and resubmit the task. Otherwise, click Resume to apply the configuration.

CMUG00167W The following resources will be deleted on target storage image *TARGET* if you continue to apply the current configuration: *CONFIGURATION* Click Resume to delete the resources and apply the current configuration.

Explanation

You are being asked to confirm that you want to apply the current configuration to the target storage image. Some of the resources from the online target storage image do not appear in the offline source storage image. The current configuration will delete the specified resources on the target storage image.

Action

If you do not want to delete the specified resources, create the missing resources in the offline source storage image configuration, and resubmit the task. Click Resume to apply the configuration.

CMUG00168E The selected storage unit is in the Attention state. You cannot continue applying the configuration. Contact IBM technical support for assistance.

Explanation

You cannot apply a configuration to a target storage unit that is in the Attention state. You can view a detailed status of the selected storage unit in the Properties page.

Action

Contact IBM technical support for assistance.

CMUG00169E The selected storage image is in the Attention state. You cannot continue applying the configuration. Contact IBM technical support for assistance.

Explanation

You cannot apply a configuration to a target storage image that is in the Attention state. You can view a detailed status of the selected storage image in the Properties page.

Action

Contact IBM technical support for assistance.

CMUG00170W *VOLUME_GROUPS* volume groups will be deleted. *VOLUMES* volumes are assigned to the selected volume groups and will be unassigned. Select Ok to delete the volume groups. Select Cancel to cancel the operation.

Explanation

You are requesting to delete volume groups that have volumes that are assigned to them. Any volumes that are currently assigned to the specified volume groups will be unassigned after those volume groups are deleted.

Action

Click Ok to continue the operation and delete all of the volume groups. Click Cancel to cancel the operation without deleting the volume groups.

CMUG00171E *SOURCE* The Open Environment License value of the selected target storage image does not allow the transfer of this simulated configuration.

Explanation

The amount of storage that you can configure on a storage image is determined by the Open Environment License (OEL) value that you indicated when you initially entered the activation code. The amount of storage that you have configured in the source storage image exceeds the OEL storage amount of the target storage image. The amount of configured storage is determined by the sum of the storage capacities of the ranks that are created.

Action

Perform one of the following two actions:

- Reduce the amount of storage that is configured in the source storage image. In the simulated configuration, remove some of the created ranks until the sum of the existing rank capacities becomes smaller than the OEL value on the target storage image.
- Obtain and apply new activation codes to the target storage image that allow the necessary increased OEL values. Use the Apply Activation Codes page to enter the new activation codes for the target storage image.

CMUG00172E *SOURCE* The Open Environment License value of the selected target storage unit does not allow the transfer of this simulated configuration.

Explanation

The amount of storage that you can configure on a storage unit is determined by the Open Environment License (OEL) value that you indicated when you initially entered the activation code. The amount of storage that you have configured in the source storage unit exceeds the OEL storage amount of the target storage unit. The amount of configured storage is determined by the sum of the storage capacities of the ranks that are created.

Action

Perform one of the following two actions:

- Reduce the amount of storage that is configured in the source storage unit. In the simulated configuration, remove some of the created ranks until the sum of the existing rank capacities becomes smaller than the OEL value on the target storage unit.
- Obtain and apply new activation codes to the target storage unit that allow the necessary increased OEL values. Use the Apply Activation Codes page to enter the new activation codes for the target storage unit.

CMUG00173W The new AS/400 serial number will take effect after the next initialization. Are you sure you want to change the serial number to the new one? Click Continue to change the old serial number to the new serial number. Click Cancel to cancel the operation.

Explanation

You are attempting to change the AS/400 serial number. This serial number does not change until after the next initialization process is complete.

Action

Click Continue to continue the operation and change the old serial number to the new serial number after the next initialization. Click Cancel to cancel the operation without changing the serial number.

CMUG00174W After the selected arrays are deleted, one or more extent pools to which the arrays were assigned are not going to have an assigned array. Do you want to delete the following extent pools as well as the arrays? *EXTENTS*

Explanation

Because you have selected to delete at least one array, at least one extent pool is not going to have an array that is assigned to it. The extent pools that are going to be without an assigned array are listed in the message.

Action

Select Yes if you want to delete the arrays and the extent pools that are no longer going to have an assigned array because you have deleted the selected arrays.

Select No if you want to delete only the selected arrays and their corresponding ranks and volumes. The extent pools are not going to be deleted.

Select Cancel if you want cancel the entire operation. If you select Cancel neither, the arrays nor the extent pools are going to be deleted.

CMUG00175E The number of volumes that you have requested exceeds the maximum number of volumes that you can create. You can create a maximum of *VOLUMES* volumes.

Explanation

A volume must use at least one extent, but can use more than one extent. Therefore, the number of volumes that you can create cannot exceed the maximum number of extents that are available in the selected extent pool.

Action

Reduce the number of volumes that you are requesting to a number that is equal to or less than the number of available extents in the selected extent pool.

CMUG00176W The selected offline storage unit is not logically configured. If you apply the selected configuration only the host information transfers to the online storage unit. Are you sure that you want to apply only the host information to the online storage unit? Click Continue if you want to apply the host information from the offline storage unit to the online storage unit. Click Cancel to cancel the operation.

Explanation

You are attempting to apply a configuration from an offline storage image that is not logically configured. If you continue, only the host information is applied to the online storage unit.

Action

Select Continue to apply the offline storage unit host information that you selected to the online storage unit. Select Cancel to cancel the operation without applying the offline storage unit host information that you selected.

If you want to apply a logical storage configuration to the online storage unit, use the Configure Storage pages in the Simulated Manager to create a logical configuration, and then resubmit the task with the new offline logical storage configuration.

CMUG00177W The selected offline storage image is not logically configured. If you apply the selected configuration only the host information transfers to the online storage image. Are you sure you want to apply only the host information to the online storage image? Click Continue if you want to apply the host information from the offline storage image to the online storage image. Click Cancel to cancel the operation.

Explanation

You are attempting to apply a configuration from an offline storage image that is not logically configured. If you continue only the host information is applied to the online storage image.

Action

Select Continue to apply the offline storage image host information that you selected to the online storage image. Select Cancel to cancel the operation without applying the offline storage image host information that you selected.

If you want to apply a logical storage configuration to the online storage image, use the Configure Storage pages in the Simulated Manager to create a logical configuration, and then resubmit the task with the new offline logical storage configuration.

CMUG00178E *STORAGE_IMAGES* The storage images are involved in long running tasks that are currently running and cannot be used in this operation.

Explanation

You have selected to perform an operation on a resource that contains a storage image that is currently involved in a long running task that blocks use of the storage image until the completion of the task. You cannot run any of the Configure storage tasks, or any of the following tasks on a resource that contains a storage image that is involved in a long running task:

- Remove the resource from storage complex
- Remove the resource from list (storage complex)
- Delete the storage unit (on a storage unit that contains a storage image that is involved in a long running task)
- Modify the storage unit (on a storage unit that contains a storage image that is involved in a long running task)
- Delete the storage complex (on a storage complex that contains a storage image that is involved in a long running task)
- Create the storage complex (if the selected storage unit contains storage images that are involved in a long running task)
- Modify the storage complex (if the selected storage unit contains storage images that are involved in a long running task)
- Apply the configuration

Action

Unselect the storage images that are involved in long running tasks, or unselect the storage complexes or storage units that contain storage images that are involved in long running tasks, and resubmit the task.

CMUG00179E *STORAGE_UNITS* The storage units are involved in long running tasks that are currently running and cannot be used in this operation.

Explanation

You have selected to perform an operation on a storage unit that is currently involved in a long running task that blocks use of the storage unit until the completion of the task. You cannot run any of the Configure storage tasks, or any of the following tasks on a storage unit that is involved in a long running task:

- Remove the resource from storage complex
- Remove the resource from list (storage complex)
- Delete the storage unit
- Modify the storage unit

- Delete the storage complex (on a storage complex that contains the unavailable storage unit)
- Create the storage complex (if the selected storage units are unavailable)
- Modify the storage complex (if the selected storage units are unavailable)
- Apply the configuration

Action

Unselect the storage units that are involved in long running tasks, or unselect the storage complexes that contain storage units that are involved in long running tasks, and resubmit the task.

CMUG00180W The following hosts will be deleted: *HOSTS*. The following anonymous ESCON and FICON hosts will not be deleted: *ANONYMOUS_HOSTS*. Select Continue to delete the hosts. Select Cancel to cancel the operation.

Explanation

You have selected to delete one or more ESCON and FICON anonymous hosts. You cannot delete anonymous hosts.

Action

Select Continue if you want to delete all selected hosts except for the anonymous hosts. Select Cancel if you want to cancel the operation without deleting any of the selected hosts, anonymous or otherwise.

CMUG00181I The following anonymous ESCON and FICON hosts cannot be deleted: *ANONYMOUS_HOSTS*. Select Cancel to cancel the operation.

Explanation

You have selected to delete one or more anonymous ESCON or FICON hosts. These hosts cannot be deleted.

Action

Select Cancel to cancel the operation without deleting any hosts.

CMUG00182W This action can cause one or more volumes to become isolated for some associated host systems. Some host types might be prevented from accessing other volumes from the same volume group. Click Ok to delete the volumes. Click Cancel to cancel the operation.

Explanation

You have attempted to delete volumes from the volume group. This can cause volumes to become isolated for some open systems hosts because the sequence becomes corrupted and access can be lost to volumes that are listed in the volume groups after the volumes that you are deleting. If you continue and volumes

become isolated, you can use the volume group compression tool to recover the isolated volumes.

Action

Select Ok if you want to delete the volumes. Select Cancel to cancel the operation without deleting any volumes.

CMUG00183W The specified volumes will be removed from the volume groups. Any associated hosts will immediately lose access to the files that are on the specified volumes. This action can also cause one or more volumes to become isolated for some associated host systems. Some host types might be prevented from accessing other volumes from the same volume group. Click Continue to remove the volumes. Click Cancel to cancel the operation.

Explanation

You have attempted to remove volumes from the volume group. Any hosts that are associated with the volumes that you are removing will immediately lose access to the files that are stored on the specified volumes.

Removing volumes from the volume group can cause volumes to become isolated for some open systems hosts because the sequence becomes corrupted and access can be lost to volumes that are listed in the volume group after the volumes that you are removing. If you continue and volumes become isolated, you can use the volume group compression tool to recover the isolated volumes.

Action

Select Continue if you want to remove the volumes. Select Cancel to cancel the operation without removing any volumes.

CMUG00184W This operation will compress the volume group. Ensure that your hosts are not currently accessing this volume group. After this operation completes, reboot your host systems or use your host systems to reidentify the volumes.

Explanation

Compressing the volume group allows some open systems hosts to regain access to volumes that were listed in the volume group after volumes that were deleted.

Action

Select Continue if you want to compress the volume group. Select Cancel to cancel the operation without compressing the volume group. You must either reboot your host systems or use your host systems to reidentify the volumes in the volume group after you complete this task.

CMUG00185E Unable to attach host. No volume group is selected.**Explanation**

You must select a volume group when you are attaching a host system to the storage unit.

Action

Select a volume group from the list of available volume groups, and resubmit the task.

CMUG00186W This action deletes the last rank in the system. Continuing with this request also deletes all remaining volume groups, LCUs, LSSs, and attached hosts. Are you sure you want to continue with this action? Select Continue to delete the final rank. Select Cancel to cancel the operation without deleting any of the logical configuration items.**Explanation**

You have attempted to delete the final rank in the system. If you delete this rank you also remove all of the remaining logical configuration objects, such as volume groups, logical control units, logical subsystems, and currently attached hosts.

Action

Select Continue to continue deleting the final rank and the remaining logical configuration items. Select Cancel to cancel the operation without deleting the final rank or the remaining logical configuration items.

CMUG00187W You have selected the Activate button on the Apply Firmware page. The current installed firmware level is *CURRENT_FIRMWARE_LEVEL*. Are you sure that you want to downgrade the firmware to level *DOWNGRADE_TO_FIRMWARE_LEVEL*? Click Yes to activate the firmware level or click No to cancel the operation and return to the Apply Firmware page.**Explanation**

You have selected to apply a firmware level that is older than the current installed firmware level. You are being asked to confirm that you want to downgrade the firmware level to a previous version.

Action

Click Yes to downgrade the firmware level or click No to cancel the operation and return to the Apply Firmware page.

CMUG00188E You are attempting to apply an offline storage unit configuration to an online storage unit. The selected offline storage unit is not logically configured and has no host configured.

Explanation

The offline storage unit that you selected must have a logical storage configuration or at least one host that is configured.

Action

If you want to apply a logical configuration to the online storage unit, use the Configure Storage pages in the Simulated Manager to create a logical configuration, or configure at least one host for the offline storage unit that you selected. Resubmit the task to apply the new offline logical storage unit configuration to the online storage unit.

CMUG00189E You are attempting to apply an offline storage image configuration to an online storage image. The selected offline storage image is not logically configured and has no host configured.

Explanation

The offline storage image that you selected must have a logical storage configuration or at least one host that is configured.

Action

If you want to apply a logical configuration to the online storage image, use the Configure Storage pages in the Simulated Manager to create a logical configuration or configure at least one host for the offline storage image that you selected. Resubmit the task to apply the new offline logical storage image configuration to the online storage image.

CMUG00190E *STORAGE_UNIT* storage unit is not available.

Explanation

The displayed storage unit that you are attempting to use is not available. Ensure that the status of the storage unit is Normal.

Action

Select an available storage unit and resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUG00191E Incorrect value for *VARIABLE_NAME*: *VALUE*. This must be a real number with a maximum of *MAXIMUM_DECIMAL_POSITIONS* positions to the right of the decimal point.

Explanation

You entered a number for the value of the specified variable name, but the number of positions to the right of the decimal point exceeds the specified maximum number of positions that are allowed for that variable. For the variable to which you are assigning a value, the value must be a decimal number with no more than the specified maximum number of positions to the right of the decimal point.

Action

Enter a numeric value for the variable such that the number of positions to the right of the decimal point is smaller than or equal to the maximum number of positions that are allowed to the right of the decimal point for that variable.

CMUG00192E Ethernet Port *FIRST_PORT* and Ethernet Port *SECOND_PORT* on Server (system processor card) *SERVER* are both located on the same network. Two external Ethernet ports that are located on the same server cannot be configured to the same network.

Explanation

Unpredictable behavior can occur if two external Ethernet ports that are located on the same server are configured to the same network. This configuration is not supported.

Action

Modify the network settings for one of the specified external Ethernet ports so that the two external Ethernet ports are configured to different networks.

CMUG00193W You have not configured an external Ethernet port on Server (system processor card) *SERVER*. Configuring at least one external Ethernet port on each server provides redundancy. Click Continue to complete the operation, or click Cancel to cancel the operation and return to the Configure Ethernet Port panel.

Explanation

If Ethernet access is lost to one of the servers, configuring at least one external Ethernet port on each server allows continued Ethernet access to the storage image through the remaining server. If one or both external Ethernet ports of only one server are configured and no external Ethernet port is configured on the other server, then loss of Ethernet access to the configured server results in loss of Ethernet access to the storage image.

Action

Select Continue to complete the operation without configuring any external Ethernet ports on the specified server. Select Cancel to cancel the operation and return to the Configure Ethernet Port panel.

CMUG00194W Are you sure you want to disable Server (system processor card) *SERVER* Ethernet Port *PORT*? Click Yes to disable the external Ethernet port and take it offline, or click No to cancel the operation and return to the Configure Ethernet Port panel.

Explanation

If you uncheck the Enable port check box to disable the external Ethernet port and take it offline, the IP address for the external Ethernet port reverts to the factory default of 0.0.0.0 and all other definitions remain unchanged.

Action

Select Yes to disable the selected external Ethernet port. Select No to cancel the operation and return to the Configure Ethernet Port panel.

CMUG00195W Neither Server (system processor card) *FIRST_SERVER* nor Server *SECOND_SERVER* has an external Ethernet port that is configured. Configuring at least one external Ethernet port on each server provides redundancy. Click Continue to complete the operation without configuring any external Ethernet ports, or click Cancel to cancel the operation and return to the Configure Ethernet Port panel.

Explanation

If there are no external Ethernet ports that are configured on either server, the storage image cannot be accessed by the external Ethernet network.

Action

Select Continue to complete the operation without configuring an external Ethernet port on either of the specified servers. Select Cancel to cancel the operation and return to the Configure Ethernet Port panel.

CMUG00196E Volume *VOLUME* is already a member of the volume group.

Explanation

A volume cannot be added to a volume group if the volume is already a member of the volume group.

Action

Select a volume that is not already a member of the volume group that you selected on the Volume groups page, and resubmit the task.

CMUG00197E Volume *VOLUME* does not exist.**Explanation**

You must select an existing volume if you want to add a volume to a volume group.

Action

Select an existing volume, and resubmit the task.

CMUG00198E Volume *VOLUME* cannot be added to the volume group because the volume has a volume type that is not supported by the host type of the volume group.**Explanation**

You are attempting to add a volume to a volume group with a specific host type. You must choose a volume type that is supported by the host type that you chose for the volume group.

Action

Select a volume that has a volume type that is supported by the host type of the volume group that you selected on the Volume groups panel.

CMUG00199W Volume *VOLUME* is already a member of another volume group. Are you sure that you want to add the specified volume to the volume group? Click Continue to add the specified volume to the volume group or click Cancel to cancel the operation and return to the Show LUN Map page.**Explanation**

If you click Continue, the specified volume is added to the volume group that you selected on the Volume groups panel. The specified volume remains as a member of any volume group to which it is currently configured. The volume might be accessed by the host systems that are associated with each of the volume groups to which the volume is assigned.

Action

Select Continue to add the specified volume to the volume group or select Cancel to cancel the operation and return to the Show Lun Map page.

CMUG00200W *REFERENCE* You are applying the activation codes to the storage image. The release level of the Network Interface server is below the release level that is fully compatible with the Network Interface client that you are using. The activation code that you are attempting to apply contains authorization for a storage size that contains partial terabytes. Due to the differences between release levels of the Network Interface server, the authorization level of all feature keys will be truncated to whole terabytes, and data to the right of the decimal point will be ignored.

Explanation

The level of code for the Network Interface server is lower than the level of code for the Network Interface client. The Network Interface server version that is currently installed supports whole terabytes and does not support values to the right of the decimal point.

Action

Install a Network Interface server version that supports values to the right of the decimal point and, if required, resubmit the task.

CMUG00201W *REFERENCE* You are attempting to apply the activation codes to the storage image. HyperPAV is only enabled if PAV is enabled on the storage image. Click OK to apply the activation keys. Click Cancel to cancel the operation without applying the activation keys.

Explanation

You have entered information in the HyperPAV field; however, either the PAV feature key field is empty or the PAV feature key is disabled. If you continue, the HyperPAV feature key is installed but it is not enabled unless the PAV feature key is enabled.

Action

Select OK to apply the activation keys. Select Cancel to cancel the operation without applying the activation keys.

CMUG00202E The storage unit has been modified by another task or user. Close the Modify storage unit page and then restart the task.

Explanation

The displayed storage unit information is no longer accurate because another task or user has modified it.

Action

Close the Modify storage unit page. Restart the Modify storage unit task to complete the task.

**CMUG00203E Another task or user has deleted the storage unit.
Close the Modify storage unit page.**

Explanation

You cannot continue the Modify storage unit task, because the storage unit no longer exists. Another task or user has deleted the storage unit.

Action

Close the Modify storage unit page.

**CMUG00204W You can open only one configuration file at a time.
The current configuration file is temporary and you have not saved
it. Click Ok to save the current configuration file, or click
Continue to proceed without saving the current configuration file.**

Explanation

If you click Continue, the current configuration file is removed.

Action

Click Ok to save the current configuration file, or click Continue to proceed without saving the current configuration file.

**CMUG00205I The task that you have initiated closes the current
configuration file and opens another configuration file. Do not open
any pages in the Simulated manager until the entire operation has
completed.**

Explanation

Because there is a brief time period during this operation when no configuration file is open, you must not open any pages in the Simulated manager until the entire operation has completed.

Action

Do not open any pages in the Simulated manager until the entire operation has completed.

CMUG00206E The task has failed because the nickname that you have entered for the storage complex already exists.

Explanation

You cannot use the same nickname for more than one storage complex. The nickname that you have entered refers to a different storage complex.

Action

Enter a nickname that is not currently defined and resubmit the task.

CMUG00207E You have specified a quantity of volume groups that exceeds *QUANTITY_OF_STORAGE_IMAGES_SELECTED*, which is the quantity of storage images that are defined to the storage complex that you have selected.

Explanation

You can assign a single SCSI host port worldwide port name (WWPN) to only one volume group per storage image, unless the host type is Sun servers. For any host type that is not Sun servers, you must define an additional WWPN for every additional volume group that you plan to assign. For Sun servers host type, each volume group that you assign to the same host port WWPN must connect through a different storage image I/O port.

Action

Ensure that you have selected the correct host type. If the correct host type is not Sun servers, enter a quantity of volume groups that does not exceed the quantity of storage images defined to the storage complex that you have selected, and resubmit the task.

CMUG00208I You cannot configure more than the maximum of *MAXIMUM_VOLUMES* volumes to a volume group of the volume type that you have selected. Each volume group that you have selected has the maximum of *MAXIMUM_VOLUMES* volumes configured.

Explanation

If you want to create and assign new volumes of the volume type that you have selected, you must select a volume group of that volume type that has less than the maximum quantity of configured volumes.

Action

Select a volume group that has less than the maximum quantity of configured volumes and resubmit the task.

CMUG00209E You cannot configure more than the maximum of *MAXIMUM_VOLUMES* volumes to a volume group of the volume type that you have selected. The quantity of volumes that you have selected to create is greater than the quantity of volumes that can be created for the volume group *SMALLEST_VOLUME_GROUP*, which has a remaining capacity of *REMAINING_CAPACITY*.

Explanation

If you want to create and assign new volumes to the volume group that you have selected, select a quantity of volumes that is not greater than the difference between the maximum quantity of volumes and the number of volumes that are configured to the volume group.

Action

Select a quantity of volumes that is not greater than the difference between the maximum quantity of volumes and the number of volumes that are configured to the volume group, and resubmit the task.

CMUG00210W The volumes that you are creating cannot be used by Copy Services functions until the new volume format operation completes. The format operation for the new volumes is estimated to complete in approximately *VALUE_0* minutes.

Explanation

New volumes are formatted immediately after they are created. The format operation must complete successfully before a volume can be configured in a Copy Services relationship.

Action

Wait until the format operation for the new volumes completes successfully before you attempt to configure the new volumes in Copy Services relationships.

CMUG00211W Another task is opening a configuration file. Close the current page and retry the task that you are attempting after the other task has completed successfully.

Explanation

The simulated manager does not support opening more than one configuration file at the same time. You cannot open another page in the simulated manager until the task that is opening a configuration file has completed successfully.

Action

Close the current page and retry the task that you are attempting after the other task has completed successfully.

CMUG00212W You are attempting to change the power control mode to Manual. Attention: The change power control mode operation can take approximately 3 minutes to complete. Access to all storage units in the storage complex using the graphical user interface or command-line interface might not be available until the change power control mode operation completes. Click OK to change the power control mode to Manual, or click Cancel to cancel the operation without changing the power control mode.

Explanation

If you click OK, a long running task is created. This task takes approximately 3 minutes to complete. You cannot change the power control mode again until this task completes.

Action

Select OK to change the power control mode to Manual, or click Cancel to cancel the operation without changing the power control mode.

CMUG00213W You are attempting to change the power control mode to Auto. Attention: The change power control mode operation can take approximately 3 minutes to complete. Access to all storage units in the storage complex using the graphical user interface or command-line interface might not be available until the change power control mode operation completes. Click OK to change the power control mode to Auto, or click Cancel to cancel the operation without changing the power control mode.

Explanation

If you click OK, a long running task is created. This task takes approximately 3 minutes to complete. You cannot change the power control mode again until this task completes. After the power mode control change operation completes, the storage unit initiates a power on operation if it was in the power off state. The graphical user interface and command-line interface remain available during the power on operation.

Action

Select OK to change the power control mode to Auto, or click Cancel to cancel the operation without changing the power control mode.

CMUG00214W You are attempting to change the power control mode to zSeries. Attention: The change power control mode operation can take approximately 3 minutes to complete. Access to all storage units in the storage complex using the graphical user interface or command-line interface might not be available until the change power control mode operation completes. Click OK to change the power control mode to zSeries, or click Cancel to cancel the operation without changing the power control mode.

Explanation

If you click OK, a long running task is created. This task takes approximately 3 minutes to complete. You cannot change the power control mode again until this task completes. After the power control mode change completes, the storage unit power state might change to ensure that the power state reflects the state that is requested by the attached zSeries power control interfaces.

Action

Select OK to change the power control mode to zSeries, or click Cancel to cancel the operation without changing the power control mode.

CMUG00215W You are attempting to change the power control mode to Remote scheduled. Click OK to change the power control mode to Remote scheduled or click Cancel to cancel the operation without changing the power control mode.

Explanation

If you click OK, a long running task is created. This task takes a few minutes to complete. You cannot change the power control mode again until this task completes.

Action

Select OK to change the power control mode to Remote scheduled or click Cancel to cancel the operation without changing the power control mode.

CMUG00216W You are attempting to change the power control mode to Remote auto/scheduled. Click OK to change the power control mode to Remote auto/scheduled or click Cancel to cancel the operation without changing the power control mode.

Explanation

If you click OK, a long running task is created. This task takes a few minutes to complete. You cannot change the power control mode again until this task completes.

Action

Select OK to change the power control mode to Remote auto/scheduled or click Cancel to cancel the operation without changing the power control mode.

CMUG00217W The storage unit is powering off. Wait until the storage unit power-off task has completed successfully before you initiate another power control task.

Explanation

You cannot initiate a power control task while the storage unit is powering off. Ensure that status of the long running task for the storage unit power-off shows that it has completed successfully before you initiate another power control task.

Action

Wait until the storage unit power-off task has completed successfully before you initiate another power control task.

CMUG00218W The storage unit is powering on. Wait until the storage unit power-on task has completed successfully before you initiate another power control task.

Explanation

You cannot initiate a power control task while the storage unit is powering on. Ensure that status of the long running task for the storage unit power-on shows that it has completed successfully before you initiate another power control task.

Action

Wait until the storage unit power-on task has completed successfully before you initiate another power control task.

CMUG00219W The power control mode of the storage unit is changing. Wait until the change storage unit power control mode task has completed successfully before you initiate another power control task.

Explanation

You cannot initiate a power control task while the storage unit power control mode is changing. Ensure that status of the long running task that changes the storage unit power control mode shows that it has completed successfully before you initiate another power control task.

Action

Wait until the change storage unit power control mode task has completed successfully before you initiate another power control task.

CMUG00220E The power control mode of the storage unit cannot be determined. Resubmit the task. If the problem persists, contact IBM support.

Explanation

The management console is unable to obtain the power control mode from the storage unit. This might be due to a transient communication problem.

Action

Resubmit the task. If the problem persists, contact IBM support.

CMUG00225W The delete array task has failed because the array *ARRAY* is not available.

Explanation

The delete array task requires that the array is available. If the array is not available when the task is initiated, the task waits a predetermined amount of time for the array to become available. If the array does not become available during the wait period, the delete array task fails. The specified array was not available and never became available during the wait period.

Action

Ensure that the specified array is available, and resubmit the task.

CMUI00002I Call Home test was sent.

Explanation

This message informs you that a test to the connection for the Call Home feature was sent.

Action

Acknowledge the testing of the Call Home connection by clicking OK.

CMUI00003I All storage resources are in a normal state.

Explanation

Physical or logical storage system messages about the system state are represented by Normal, Warning, and Error. When you receive a system message of Normal, click OK to acknowledge the message.

Action

Acknowledge the system normal message.

CMUI00004I No storage units available or connection to server is down.

Explanation

Summary information is not available either because there are no storage units or the connection to the server is not available. If you know you have configured storage units, check your network connection. If you are not the system administrator, verify the availability of storage units with the system administrator. If you are the system administrator, return to the initial storage unit configuration to verify that they were set up correctly.

Action

Confirm that you have defined storage units, and check server and network availability.

CMUI00005I All physical resources are in a normal state.

Explanation

Physical or logical storage system messages about the system state are represented by Normal, Warning, and Error. When you receive a system message of Normal, acknowledge the message by clicking OK.

Action

Acknowledge the system normal message.

CMUI00006I All logical resources are in a normal state.

Explanation

When monitoring the physical or logical storage system, messages about the system state are represented by Normal, Warning, and Error. When you receive a system message of Normal, simply acknowledge the message.

Action

Acknowledge the system normal message by clicking OK.

CMUI00007E The confirmation password does not match the original password entry.

Explanation

The two passwords that you entered are not identical. They must be identical.

Action

Reenter the password and confirmation password, and then resubmit the task.

CMUI00008E Volume type is required.**Explanation**

You must select a volume type from the listed values to continue with the storage configuration.

Action

Select a type for your volume.

CMUI00009E Volume size is required**Explanation**

You must select a volume size from the Set volume size drop-down list to continue with the storage configuration.

You must define or select at least two of the three storage configuration values: 1. amount of unused storage to configure [percent or gigabyte], 2. volume size, or 3. volume quantity.

After defining at least two of these, click the Calculate button to automatically fill-in the remaining value of three configurable values. If all three choices are filled in, new calculations will overwrite volume size, based on the amount of unused storage to configure and the volume quantity. Enter only integer values into the fields: remove all spaces, decimal points, or other nonnumeric characters.

Action

Select the appropriate value from the Set volume size drop-down list, or define the two configuration values and recalculate.

CMUI00010E Unused storage to configure is greater than total available storage.**Explanation**

If you are defining unused storage by gigabytes, you must enter a number that is equal to or less than the total unconfigured capacity to be able to continue.

Action

If you are defining the gigabytes of unused storage to configure, enter an integer that is equal to or less than your total unconfigured capacity.

CMUI00011E Volume quantity is greater than total available volumes.**Explanation**

You entered a number of volumes to configure than is greater than the number of volumes that are available. The number of available volumes (next to the Calculate button) is determined by the RAID selection at the top of the panel.

Action

Enter a volume quantity less than or equal to the number of available volumes.

CMUI00012E Configured values must be recalculated.

Explanation

You must define or select at least two of the three storage configuration values: 1. amount of unused storage to configure [percent or gigabyte], 2. volume size, or 3. volume quantity.

After defining at least two of these, click the Calculate button to automatically fill-in the remaining value of three configurable values. If all three choices are filled in, new calculations will overwrite volume size, based on the amount of unused storage to configure and the volume quantity. Enter only integer values into the fields: remove all spaces, decimal points, or other nonnumeric characters.

Action

Reconsider your storage and volume values and recalculate by clicking the Calculate button.

CMUI00013E Host server IP address or host name required.

Explanation

You must enter either a valid server host name or valid IP address to continue. Use the Host Name field to enter the name of the host or use the IP Address field to enter the IP address of the host.

Action

Enter a server host name or IP address.

CMUI00014E Amount of storage to configure is greater than available storage to configure.

Explanation

Either the value that you entered for the unused storage to configure or a value that the system calculated is larger than the available amount. Reevaluate all of the values (percent unused storage to configure, amount in gigabytes, volume quantity, and volume size) and then recalculate. Experiment with calculations to derive a suitable configuration. Make sure to enter only integer values into the storage configuration fields.

Action

Reevaluate and reenter the values in all storage configuration fields, then recalculate.

CMUI00015E The amount of storage to configure must contain only numbers.

Explanation

The only valid entry in the amount of storage to configure values is an integer number. Make sure that there are no characters, decimal points, or other nonnumeric values in any of the fields.

Action

Reenter the amount of storage to configure, making sure you enter numeric values.

CMUI00016E You must enter at least one of the two configurable storage values, and then calculate the other.

Explanation

You must enter at least one of the two storage configuration values, and then click the Calculate button. The other value will be calculated for you.

Action

Enter at least one of the two configurable storage values and then click the Calculate button.

CMUI00017E You must click Calculate to generate and verify all configurable storage values.

Explanation

You cannot proceed in the configuration process until you click the Calculate button so the system can verify the configuration.

You must define or select all but one of the storage configuration values.

After defining the required number of values, click the Calculate button to automatically fill in the remaining value. Enter only integer values into the fields. Remove all spaces, decimal points, or other nonnumeric characters.

Action

Click the Calculate button to verify the configuration before proceeding.

CMUI00018E Volume quantity is greater than total available volumes.

Explanation

You entered a number of volumes to configure that is greater than the number of volumes that you have available or is invalid. The available number of volumes (next to the Calculate button) is determined by the RAID selection at the top of the panel. Make sure that you enter only integer values.

Action

Enter a volume quantity less than or equal to the number of available volumes.

CMUI00019E Starting LCU value is required.

Explanation

You must select a logical control unit (LCU) from the Select Starting LCU drop-down list. The drop-down list contains all available LCUs.

Action

Select an LCU from the Select Starting LCU drop-down list.

CMUI00020E You must enter at least two of the three configurable storage values, and then calculate the third.

Explanation

You must define or select at least two of the three storage configuration values: 1. amount of unused storage to configure [percent or gigabyte], 2. volume size, or 3. volume quantity.

After defining at least two of these, click the Calculate button to automatically fill-in the remaining value of three configurable values. If all three choices are filled in, new calculations will overwrite volume size, based on the amount of unused storage to configure and the volume quantity. Enter only integer values into the fields: remove all spaces, decimal points, or other nonnumeric characters.

Action

Enter at least two of the three configurable storage values and then recalculate.

CMUI00021E You must enter at least two of the three configurable storage values, and then calculate the third.

Explanation

You must define or select at least two of the three storage configuration values: 1. amount of unused storage to configure [percent or gigabyte], 2. volume size, or 3. volume quantity.

After defining at least two of these, click the Calculate button to automatically fill-in the remaining value of three configurable values. If all three choices are filled in, new calculations will overwrite volume size, based on the amount of unused storage to configure and the volume quantity. Enter only integer values into the fields: remove all spaces, decimal points, or other nonnumeric characters.

Action

Enter at least two of the three configurable storage values and then recalculate.

CMUI00022E You must enter at least two of the three configurable storage values, then calculate the third.

Explanation

You must define or select at least two of the three storage configuration values: 1. amount of unused storage to configure [percent or gigabyte], 2. volume size, or 3. volume quantity.

After defining at least two of these, click the Calculate button to automatically fill-in the remaining value of three configurable values. If all three choices are filled in, new calculations will overwrite volume size, based on the amount of unused storage to configure and the volume quantity. Enter only integer values into the fields: remove all spaces, decimal points, or other nonnumeric characters.

Action

Enter at least two of the three configurable storage values and then recalculate.

CMUI00023E You must enter at least two of the three configurable storage values, then calculate the third.

Explanation

You must define or select at least two of the three storage configuration values: 1. amount of unused storage to configure [percent or gigabyte], 2. volume size, or 3. volume quantity.

After defining at least two of these, click the Calculate button to automatically fill-in the remaining value of three configurable values. If all three choices are filled in, new calculations will overwrite volume size, based on the amount of unused storage to configure and the volume quantity. Enter only integer values into the fields: remove all spaces, decimal points, or other nonnumeric characters.

Action

Enter at least two of the three configurable storage values and then recalculate.

CMUI00024E Amount of storage to configure has an invalid format.

Explanation

If you are defining either a percentage or a gigabyte amount of unused storage to configure, you must enter a numeric integer value. Remove any spaces, decimal points, or other nonnumeric characters and recalculate.

Action

Reenter the amount of storage (percentage or gigabyte) to configure using only an integer value.

CMUI00025E Volume size has an invalid format.**Explanation**

Volume size must be an integer value. Remove any spaces, decimal points, or other nonnumeric characters and recalculate.

Action

Reenter the volume size using only an integer value.

CMUI00026E Volume quantity has an invalid format.**Explanation**

Volume quantity must be an integer value. Remove any spaces, decimal points, or other nonnumeric characters and recalculate.

Action

Reenter the volume quantity using only an integer value.

CMUI00027E Insufficient number of array sites remaining for second array site configuration.**Explanation**

During the array configuration, you selected a second array configuration. But you do not have enough available second array sites. For multiple site arrays, each array site selected from the Array configuration panel represents the first of two array-sites for the array. If you select more than one array-site during the array configuration, then the system verifies enough second array sites exist to populate the first array-site selections. The system analyzes available arrays, matching types and loops. You must have enough available second site arrays. Once you acknowledge the warning message, you are returned to the array configuration panel where you must select fewer arrays.

Action

Redefine your multiple site array site configuration to not exceed available arrays.

CMUI00028E IP address of the Primary Domain name server (DNS) field is required.**Explanation**

The primary domain name server (DNS) is required to define the network settings for the storage unit.

Action

Populate the IP Address field with the address of your primary domain name server.

CMUI00029E An array site can be selected only once.**Explanation**

During the multiple site array configuration, you selected an array more than once. An array can only be selected once.

Action

Redefine your multiple site array site configuration selection to not include a duplicate selection of the same array.

CMUI00031E You must select a volume size and enter at least one of the two configurable storage values, and then calculate the other.**Explanation**

You must select a volume size and enter one value before you click the Calculate button. The other value will be calculated for you.

Action

Select a volume size and enter an integer value into one of the two configurable storage values. Then click the Calculate button.

CMUI00032E You must select a secondary array site for each selected array site.**Explanation**

A secondary array site is required.

Action

Select a secondary array site for each selected array site, and then resubmit the task.

CMUI00033E Network connection to the storage device failed.**Explanation**

The storage unit's network connection of the storage unit as defined has failed. Once you acknowledge the message, you are returned to the configuration wizard. First reenter the host and IP address values and try the connection again. If needed, check the physical devices connecting the storage unit to the network. Also try other network testing commands available to you, such as ping, to check the address and status of the storage unit or your network configuration in general.

Action

Use the wizard to reenter the IP and host name, check physical network connections and try again.

CMUI00034E If selected, you must enter a volume quantity.**Explanation**

If you select to enter a volume quantity to determine the amount of storage you want to configure, you must enter/select an integer value.

You need to define/select at least two of the three storage configuration values: 1. amount of unused storage to configure [percent or gigabyte], 2. volume size, or 3. volume quantity.

After defining at least two of these, you must click the Calculate button to automatically fill-in the remaining value of three configurable values. If all three choices are filled in, then calculating will overwrite volume size, based on the amount of unused storage to configure and the volume quantity. Note that you must enter only integer values into the fields: remove all spaces, decimal points, or other nonnumeric characters.

Action

Enter an integer value for the volume size you want to configure.

CMUI00035E Country is required.**Explanation**

The address definition must include a valid country name. Select one from the Country drop-down list.

Action

Select the appropriate country from the Country drop-down list.

CMUI00036E Current date is required**Explanation**

This part of the configuration establishes the current time, date and time zone for the current location of the storage unit. The current date is required.

Action

Either accept the default value in the Date field or use the date chooser to select the current date.

CMUI00037E Current time is required.**Explanation**

This part of the configuration establishes the current time, date and time zone for the current location of the storage unit. You must enter a time value.

Action

Either accept the default time, or enter a new value in the Time field.

CMUI00038E Select an order data file from which to import.**Explanation**

To proceed with importing a order file, you must select one.

Action

Either accept the default time, or enter a new value in the Time field.

CMUI00039E Enter the amount of unused storage to configure or enter a volume quantity.**Explanation**

Enter the Amount of unused storage to configure or enter a Volume quantity. When you then click the Calculate button, the value you did not enter will be calculated for you.

Action

Enter an Amount of unused storage to configure or enter a Volume quantity to configure, and then click Calculate to determine the other value.

CMUI00040E You must change every default IP address to the correct IP address. You must change: *VALUE_0*.**Explanation**

Enter the Amount of unused storage to configure or enter a Volume quantity. When you then click the Calculate button, the value you did not enter will be calculated for you.

Action

Enter an Amount of unused storage to configure or enter a Volume quantity to configure. Then click Calculate to determine the other value.

CMUI00041E The task has failed because the serial number that you have entered contains an incorrect value or format.**Explanation**

The value in the Serial Number field is not correct. Reenter a value and use the correct format and value for Serial Number. The correct format is a two-character plant of manufacture code concatenated with a five-character sequence number. The correct values for characters in the plant of manufacture code are the alphanumeric values 0 - 9 or A - Z. The correct values for characters in the sequence number are the alphanumeric values 0 - 9 or A - Z, but the characters E, I, J, O, Q, S, and U are not used. The following is an example of a correct serial number format: AZ12341

Action

Enter the correct value and format in the Serial Number field, and resubmit the task.

CMUI00043E You must enter either the server host name or the server IP address, but not both.

Explanation

To avoid name and IP address conflicts, you must enter either the server host name or the server IP address, but not both. One of these values is required.

Action

Enter either the server host name or the server IP address, but not both.

CMUI00044W Click Continue to take the selected resource offline. Otherwise, click Cancel.

Explanation

You have selected a resource to take offline. Click Continue to take that resource offline. Click Cancel to cancel the operation.

Action

Click Continue to take that resource offline. Click Cancel to cancel the operation.

CMUI00045W This operation takes a long time to complete (possibly several hours). If you proceed, you must click the Refresh button on the Status tab in order to see the latest data. Click Continue to bring the selected resource online. Click Cancel to cancel the operation.

Explanation

You have selected a resource to bring online, but you are being warned that you are about to initiate a long running task. To view progress, you must manually click the Refresh button on the Status tab of the page, which shows the most current information.

Action

Click Continue to bring the resource online. Click Cancel to cancel the operation.

CMUI00046W Before you remove a disk drive module, review the possible results that a DDM service action can have on your storage unit.

Explanation

Removing and replacing a disk drive module (DDM) might cause the following results:

Removing a DDM that does not have the error indicator lit might cause a lengthy rebuild operation. The risk of losing data is increased during this rebuild operation. You might need to rebuild your array. If more than one disk drive module is faulty or missing, you will lose the data on that array.

Action

Review the additional help explanation.

CMUI00047W Before you remove a front display panel, review the possible results that a front display panel service action can have on your storage unit.

Explanation

System alerts and LED indicators cannot display properly while the front display panel is removed or nonfunctional.

Action

Review the additional help explanation.

CMUI00048W Before you remove a rear operator panel, review the possible results that a rear operator panel service action can have on your storage unit.

Explanation

Removing and replacing a rear operator panel might cause the following results:

System alerts and LED indicators cannot display properly while the rear operator panel is removed or nonfunctional.

Power-cycling without the rear operator panel will cause an enclosure to have a default serial number that no longer applies to the enclosure.

Action

Review the additional help explanation.

CMUI00049W Before you remove a power supply, review the possible results that a power supply service action can have on your storage unit.

Explanation

Removing and replacing a power supply might cause the following results:

Once a power supply has been removed, you must replace the power supply within three minutes to prevent the enclosure from overheating. Overheating has the potential to shut down the storage unit.

Access to data is lost if both power supplies are faulty or missing. If the second power supply fails while the first power supply is not present in the enclosure, you will lose access to all data.

Action

Review the additional help explanation.

CMUI00050W Before you remove a processor card, review the possible results that a processor card service action can have on your storage unit.

Explanation

Removing and replacing a processor card might cause the following results:

Removing a processor card that does not have a solid amber error indicator lit causes performance degradation and loss of access to data.

Note: Removing a processor card that has a solid amber error indicator does not have any effect on the operation of the storage unit.

If, while the first processor card is removed, the second processor card fails, the enclosure will lose configuration settings and access to the data. Data loss might occur if certain processes were occurring at the point of failure.

Removing a processor card will cause loss of access to host systems if multiple paths from the storage unit to the hosts are not configured.

Action

Review the additional help explanation.

CMUI00051W Before you remove a battery backup unit, review the possible results that a battery backup unit service action can have on your storage unit.

Explanation

Removing and replacing a battery backup unit might cause the following results:

While a battery backup unit is out of the enclosure slot, the enclosure is more susceptible to single point of failure errors.

Removing a battery backup unit that does not have a lit error indicator results in a processor card failover.

Removing the battery backup unit might cause loss of access to host systems that are improperly configured.

Removing a battery backup unit without immediate replacement by either another battery backup unit or a battery backup unit blank might cause the overheating of the enclosure.

The storage unit might experience performance degradation while a battery backup unit is missing from its slot.

Action

Review the additional help explanation.

CMUI00052E The model number is required. Select one from the Model drop-down list.

Explanation

In the process of defining storage unit properties, you must select the model of the storage unit you are defining. Select the appropriate model from the Model drop-down list.

Action

Select a model from the drop-down list.

CMUI00053E You must enter different IP addresses for each processor card.

Explanation

The processor cards cannot share the same IP address. They must have different addresses.

Action

Enter unique IP addresses for each processor card, and then resubmit the task.

CMUI00054E *ErrorCode* The selected resource was not successfully brought online.

Explanation

The resource you selected to bring online was unsuccessfully brought online. Research the error code for more information on the exact error.

Action

Research the error code for more information on the exact error.

CMUI00055E The selected resource was not successfully brought online. A server connection error occurred.

Explanation

The resource that you selected to bring online was not brought online. Check your server connection and retry or try again when the network is not busy.

Action

Try bringing the resource online after verifying the server is connected and available and the network is not busy.

CMUI00056E A unique 4-character hexadecimal subsystem identifier is required.

Explanation

You must enter a unique 4-character hexadecimal number (0000 - FFFF).

Action

Enter a unique 4-character hexadecimal number, and then resubmit the task.

CMUI00057E You must add at least one host attachment to the storage unit.

Explanation

Before information about your newly defined host can be saved, you must add at least one host attachment to the storage unit.

Action

Add at least one host attachment, and then resubmit the task.

CMUI00058E At least one storage unit must be available before you can launch the Express Configure wizard.

Explanation

You are attempting to launch the Express Configure wizard while you are offline or while connectivity to a storage unit is not available. Connectivity is required.

Action

Ensure that a storage unit is available, and then resubmit the task.

CMUI00059W This action removes the selected storage units *VALUE_0* from the storage complex. If you have not properly prepared for this removal, you may encounter errors with affected Remote Mirror and Copy or host attachment configurations. Click Continue to remove the storage units from the storage complex. Click Cancel to cancel the operation.

Explanation

You have selected one or more storage units to be removed from a storage complex. If Remote Mirror and Copy or host attachment configurations still refer to the removed storage units, an error occurs when these configurations are referenced. To avoid error conditions, delete configuration references to these storage units before you remove them from the storage complex.

Action

Click Continue to remove the selected storage units. Click Cancel to cancel the operation.

CMUI00060W This task removes the selected storage unit from the storage complex. Before you remove the selected storage unit from the storage complex, ensure that all configuration tasks have completed. NOTE: While the storage unit is not assigned to a storage complex, there is no copy services error management when host I/O or copy services errors occur. Click OK to remove the storage unit from the storage complex or click Cancel to cancel the task without removing the storage unit from the storage complex.

Explanation

You are being asked to confirm that you want to remove the storage unit from the storage complex. This action does not affect I/O operations to the storage unit.

Action

Before you remove the selected storage unit from the storage complex, ensure that all configuration tasks have completed. If you do not stop copy services operations and a copy services error occurs, there is no copy services error management while the storage unit is not assigned to a storage complex. Click OK to remove the selected storage unit from the storage complex or click Cancel to cancel the task without removing the storage unit from the storage complex.

CMUI00061I File transfer successful

Explanation

The compatibility check succeeded, and the file transferred to the storage unit successfully. You can now apply the new code.

Action

None.

CMUI00062E The Java Archive (.JAR) firmware file that you are attempting to apply is either corrupt or is not compatible with the hardware.

Explanation

Either the firmware file cannot be applied using the selected application method, or the firmware file is not compatible with the selected hardware. Is it also possible that the firmware file is corrupted. Firmware file corruption can occur if the code load is canceled while it is in progress.

Action

Ensure that you are applying the correct firmware file. Ensure that you are using a supported application method for the firmware file that you are applying. Ensure that you are applying a firmware file version that is compatible with the hardware. If the problem persists, obtain an uncorrupted version of the firmware file, and resubmit the task.

CMUI00063E The file transfer failed.

Explanation

The file transfer failed for one of the following reasons:

- The file cannot be applied using the selected application method.
- The file is not compatible with the selected hardware.
- The storage unit is not online.
- The file transfer process itself failed.

Action

Ensure that the application method is correct, that the file is compatible, and that the storage unit is online, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUI00064E The number of LCUs that are to be created must be between *VALUE_0* and *VALUE_1*.

Explanation

Based on other information that you specified, the number of LCUs that can be created must be between the values that are provided in the message.

Action

Enter a value that is between the values that are provided in the message and then resubmit the task.

CMUI00065E These storage units are already logically configured: *VALUE_0*. Reconfiguring a configured storage unit is not supported.

Explanation

One or more configured storage units are specified. Reconfiguring a storage unit that is already configured is not supported.

Action

Either specify storage units that are not already configured, or use the Real-time Manager to remove the logical configuration of the storage units. Then resubmit the Apply Configuration task.

CMUI00066E The specified volume size is larger than the maximum possible volume size.

Explanation

There is insufficient storage available to create volumes that are the specified size.

Action

Specify a smaller volume size, specify fewer volumes, or specify more unused storage to configure.

CMUI00067E The specified volume quantity is larger than the maximum possible volume quantity.

Explanation

There is insufficient storage available to create the specified number of volumes.

Action

Specify a smaller volume size, specify fewer volumes, or specify more unused storage to configure.

CMUI00068E The specified number of aliases per base exceeds the maximum number that are available. The maximum number of available aliases is *VALUE_0*.

Explanation

More aliases are requested than are available.

Action

Specify a number of aliases that is less than or equal to the number that is provided. Then resubmit the task.

CMUI00069E You must create at least one array and one rank before you can define hosts.

Explanation

No ranks are defined. At least one rank must exist before a host can be defined.

Action

Create at least one array and one rank, and then resubmit the task.

CMUI00070E The storage unit is not available.

Explanation

The storage unit is not available because software initialization is not complete or has failed.

Action

Wait, and then resubmit the task. If the problem persists, contact IBM technical support.

CMUI00071E Unable to transfer the file. The storage unit is not available.

Explanation

The file cannot be transferred because the storage unit is not available. The storage unit might be powered down, offline, or initializing. A network connection might not be available.

Action

Ensure that the storage unit is available, and then resubmit the task.

CMUI00072E Select a host attachment identifier to connect to the storage unit ports.

Explanation

To complete the link between host ports and storage unit ports, you must associate a host attachment identifier with the storage unit.

Action

Select a host attachment identifier from the table.

CMUI00073E Unable to load program file IBMRemote.dll

Explanation

The file IBMRemote.dll cannot be found or permissions on that file are set such that it cannot be loaded. File \DS6000StorageManager\SM\bin\IBMRemote.dll

should be in the installation directory of your management console. It can be found in the \SM\bin directory on the installation CD.

Action

Ensure that file IBMRemote.dll is on your system and permissions are properly set. Then resubmit the task.

CMUI00074E *VALUE_0* is not a valid telephone prefix or number value.

Explanation

A value you entered in the telephone prefix field or one of the telephone number fields is invalid. A telephone prefix field must contain at least 1 digit, and a number field must contain at least 4 digits. Valid characters are () - . , + # \$ and the digits 0 - 9.

Action

Correct the value and then resubmit the task.

CMUI00075E *VALUE_0*: A telephone number must be selected or entered.

Explanation

You must select a telephone number from the list before you click the Populate button, and you must select or enter a telephone number before you click the Test button. No telephone number is selected or entered.

Action

Select or enter a telephone number, and then resubmit the task.

CMUI00076E You must add at least one host attachment to the storage unit.

Explanation

Before information about your newly defined host can be saved, you must add at least one host attachment to the storage unit.

Action

Select a host and attach it to a storage unit port that has a compatible topology. Then resubmit the task.

CMUI00077I *SOURCE* Dumps have been copied successfully.

Explanation

The dumps have successfully completed copying.

Action

You can either download the copied dumps or send them to IBM technical support.

CMUI00078I *SOURCE* Traces have been copied successfully.

Explanation

The traces have successfully been collected in a problem determination fileset.

Action

You can either download the copied traces or send them to IBM technical support for analysis.

CMUI00079W *STORAGE_UNIT*, *NUMBER_OF_FILES*, *FILE_SIZE* were selected. This action sends the specified problem determination data to IBM. Click OK to send the problem determination data. Otherwise, click Cancel.

Explanation

You have attempted to send the specified problem determination data to IBM.

Action

Click OK to send the problem determination data. Click Cancel to cancel the operation.

CMUI00080W You have selected to delete *NUMBER_OF_FILES* problem determination data files. This problem determination data might contain the only information about an incident. If the information is deleted, it might prevent future problem determination. Click Continue to delete the problem determination data. Otherwise, click Cancel.

Explanation

You have attempted to delete the problem determination data. This data might contain the only information about an incident. Further problem determination might not be possible if this information is deleted.

Action

Click Continue to delete the problem determination data. Click Cancel to cancel the operation.

CMUI00081E *SOURCE* You must provide a description of the problem.**Explanation**

You must provide a description of the problem. This description is sent to IBM with the problem determination data traces and dumps.

Action

Enter a description in the Description field. Click Copy if you are collecting new data. Click Save if you are modifying the description.

CMUI00082E The storage complex already has an assigned storage unit with the IP address of processor card 1 set to the following value: *IP_ADDRESS***Explanation**

A storage unit is uniquely identified by a combination of the IP address of processor card 1, the IP address of processor card 2, and the storage unit machine type and serial number. You cannot have two storage units with identical values for one of those three parameters. You have attempted to enter an IP address for processor card 1 that is already in use.

Action

Enter the correct IP address for processor card 1. Verify that you have entered the correct IP address for processor card 2 and the correct machine type and machine serial number, and resubmit the task.

CMUI00083E The storage complex already has an assigned storage unit with the IP address of processor card 2 set to the following value: *IP_ADDRESS***Explanation**

A storage unit is uniquely identified by a combination of the IP address of processor card 1, the IP address of processor card 2, and the storage unit machine type and serial number. You cannot have two storage units with identical values for one of those three parameters. You have attempted to enter an IP address for processor card 2 that is already in use.

Action

Enter the correct IP address for processor card 2. Verify that you have entered the correct IP address for processor card 1 and the correct machine type and machine serial number, and resubmit the task.

CMUI00084E The storage complex already has an assigned storage unit with the machine type and machine serial number set to the following value: *MTMS*

Explanation

A storage unit is uniquely identified by a combination of the IP address of processor card 1, the IP address of processor card 2, and the storage unit machine type and serial number. You cannot have two storage units with identical values for one of those three parameters. You have attempted to enter a machine serial number that is already in use.

Action

Enter the correct machine type and machine serial number. Verify that you have entered the correct IP address for both processor cards, and resubmit the task.

CMUI00085E The user name and password must be the same user name and password of the user that is logged onto the DS Storage Manager.

Explanation

Both the user name and password that you are using to perform the restricted service action must match the user name and password that you used when you logged onto the DS Storage Manager.

Action

Enter the same user name and password that you used to log onto the DS Storage Manager and resubmit the task.

CMUI00086W This action forces a warm start, which causes a statesave operation on the storage unit. This operation might cause a loss of access to the storage unit for a few minutes. Click Continue to force the warm start. Click Cancel to cancel the operation.

Explanation

You have attempted to perform a warm start on the specified storage unit. This initiates a statesave operation and causes the storage unit to reinitialize. The storage unit will be unavailable for a few minutes.

Action

Click Continue to force the warm start. Click Cancel to cancel the operation without forcing the warm start.

CMUI00087W This action clears the status tracks (CST), which destroys all pinned data and might cause data loss. Click Continue to destroy all pinned data. Click Cancel to cancel the operation.

Explanation

You have selected to clear all of the status tracks on the specified storage unit.

Action

Click Continue to destroy the pinned data and clear the status tracks. Click Cancel to cancel the operation.

CMUI00088W This operation causes the DS Storage Manager to become unavailable, which causes you to lose access to the storage unit. Click Continue to restart the storage unit. Click Cancel to cancel the operation.

Explanation

You have selected to restart the processor cards for the storage unit.

Action

Click Continue to restart the storage unit. Click Cancel to cancel the operation without restarting the storage unit.

CMUI00089E There are no online storage units that are identified with the specified combination of processor card IP addresses and storage unit machine type and serial number (MTS) [*IP_PROCESSOR_CARD_1*, *IP_PROCESSOR_CARD_2*, *SERIAL_NUMBER*].

Explanation

A storage unit is uniquely identified by a combination of the IP address of processor card 1, the IP address of processor card 2, and the storage unit machine type and serial number (MTS). You must submit the correct values for all three parameters before you can add a storage unit to a storage complex.

Action

Submit the correct parameters and resubmit the task.

CMUI00090I *NUMBER_OF_LOGS* management console logs have been copied successfully.

Explanation

The specified number of problem determination data management console logs has been successfully copied from the management console.

Action

None.

CMUI00091W You are collecting *DATA_TYPES* from *STORAGE_UNIT*. This task can take an hour or more to complete. Click **Ok** to begin collecting data. Click **Cancel** to cancel the task without collecting any data.

Explanation

You have attempted to begin collecting problem determination data. This task can take a long time. The Long running task panel is displayed if you choose to continue collecting data.

Action

Click **Ok** to collect the problem determination data. Click **Cancel** to cancel the operation without collecting any data.

CMUI00092W You have chosen to save the following files to your local computer: *PDD_FILES*. The destination file is named *FILE_NAME* and has a size of *FILE_SIZE*. Click **Ok** to download the problem determination data or click **Cancel** to cancel the operation.

Explanation

The selected files will be copied from the management console to your local computer. If you click **Continue**, a standard download panel allows you choose the download location of the file. If you selected multiple files, a zip file that includes the selected files will be created on your local computer.

Action

Click **Ok** to download the problem determination data. Click **Cancel** to cancel the operation without downloading any data.

CMUI00093W The **Enable Modem Call Home** task failed because the modem is not configured properly. Use the **"Modem Configuration"** link below to configure the modem, and then resubmit the task.

Explanation

You must configure the modem before you can enable the modem Call Home function.

Action

Click on the link to the Modem Configuration page, configure the modem, and then resubmit the **Enable Modem Call Home** task.

CMUI00098E The file upload task did not complete in the allowed time.

Explanation

The file that you selected cannot be read. Another task might be locking the file, or the file might be located on a network drive that is not accessible.

Action

Click Cancel to cancel the operation, or click Browse to reselect a file that you want to upload and then click Ok to resubmit the file upload task.

CMUI00099E The status of the *FILENAME* file has changed or the specified file no longer exists. Click Refresh to view the current status before you initiate another action.

Explanation

If the status of the specified file is Ready, another task is either sending the file to IBM or has already sent the file. The specified file might no longer exist. When you click Refresh, the current status of all files displays and files that no longer exist are not displayed.

Action

Click Refresh to view the current status.

CMUI00100W The storage unit that you have attempted to assign is currently assigned to storage complex *STORAGE_COMPLEX*. Click OK to force the assignment of the storage unit to the storage complex that you specified. Click Cancel to cancel the task without changing the assignment of the storage unit.

Explanation

The Assign Storage Unit task has not completed because the storage unit that you have attempted to assign is already assigned to another storage complex. The storage unit has the correct authentication key for the storage complex to which you have attempted to reassign it. If you click OK to force the assignment of the storage unit to the storage complex that you specified, the storage unit is unassigned from the storage complex to which it is currently assigned.

Action

Click OK to force the assignment of the storage unit to the storage complex that you specified. Click Cancel to cancel the operation without changing the assignment of the storage unit.

CMUI00101W The storage unit *STORAGE_UNIT* that you have attempted to remove is currently unavailable or is running in single cluster mode. Click Continue to force the removal of the specified storage unit from the storage complex. Click Cancel to cancel the task without forcing the removal of the specified storage unit from the storage complex.

Explanation

The Remove Storage Unit task has not completed because the specified storage unit that you have attempted to remove is not available or is running in single cluster mode. You must click Continue if you want to force the removal of the specified storage unit from the storage complex.

Action

Click Continue to force the removal of the specified storage unit from the storage complex. Click Cancel to cancel the operation without changing the assignment of the specified storage unit.

CMUI00102W Security will not be reset on the management console that you have selected to remove because the management console you have selected is currently unavailable. Click Yes to remove the management console that you have selected without resetting security, or click No to cancel the task without removing the management console that you have selected.

Explanation

A management console must be connected to reset security when it is removed from a storage complex. The management console that you have selected is not currently connected.

If you click Yes, the management console that you have selected is removed from the storage complex but security is not reset. There are no other consequences for the storage complex or the remaining management console. The Storage complexes main page is displayed and shows the remaining management console.

If you remove a management console from a storage complex without resetting security, you must reset security on the removed management console the first time that you bring it online. This task occurs automatically if the remaining management console in the storage complex is online. If the remaining management console is offline when you bring the removed management console online, you must reset security manually on the removed management console.

Action

Click Yes to remove the management console that you have selected without resetting security, or click No to cancel the task without removing the management console that you have selected. If you can bring the selected management console online, the preferred action is to click No, bring the selected management console

online, and then remove the management console that you have selected while both management consoles in the storage complex are online.

If you click Yes, you must reset security on the management console that you have removed the first time that you bring it online. Security is automatically reset if the remaining management console is online. If the remaining management console is offline, you must reset security manually on the management console that you have removed by performing the following steps on the removed management console:

1. Remove the remaining management console from the storage complex.
2. Remove all storage units from the storage complex.
3. Delete the storage complex.

CMUI00103E The peer management console definition task has failed because one of the management consoles is offline.

Explanation

The peer management console that you have selected has not been defined as a peer of the other management console, because at least one of the management consoles is offline.

Action

Ensure that both management consoles are online. If one of the management consoles is offline, bring it online and resubmit the task.

CMUI00104E The peer management console removal task has failed.

Explanation

The peer management console that you have selected cannot be removed as a peer of the other management console because the other management console is not online.

Action

Ensure that the other management console is online and then resubmit the task.

CMUI00105W The local management console that you are using is not defined to a storage complex. Perform one of the following three actions: Create a local storage complex using the Create local storage complex action on the management console that you are using; define the local management console to an existing storage complex by selecting the existing storage complex and using the Define peer... action; do nothing. If you do nothing, the local management console can manage existing storage complexes remotely.

Explanation

You are being warned that you have not defined the local management console to a storage complex. Any one of the three specified actions is a valid choice.

Action

No action is required.

CMUI00106W The local management console that you are using is not defined to a storage complex. Perform one of the following three actions: An administrative user must create a local storage complex using the Create local storage complex action on the management console that you are using; an administrative user must define the local management console to an existing storage complex by selecting the existing storage complex and using the Define peer... action; do nothing. If you do nothing, the local management console can manage existing storage complexes remotely.

Explanation

The Define peer... and Create local storage complex actions require administrative-level authority. The user account that you are using does not have administrative-level authority.

Action

Contact someone with administrative-level authority to define the local management console as a peer to an existing management console that is already defined to a storage complex or to create a new storage complex using the local management console. Neither of these action options is required.

CMUI00108W The management console *IP_ADDRESS* that you have specified is not defined to a storage complex. An administrative user must create a local storage complex using the management console that you have specified before you can add it to the list. Click OK to return to the Storage complexes main page.

Explanation

You must create a storage complex before you can add a management console to the list. The Create local storage complex task requires administrative-level authority.

Action

Click OK to return to the Storage complexes main page. Someone with administrative-level authority must create a local storage complex using the management console that you have specified before you can resubmit the task.

CMUI00109W Enhanced security is not established for the storage complex that you are attempting to add to the list. Click OK to continue. After you have added the storage complex, use the Establish enhanced security action on the Storage complexes main page to establish enhanced security on the storage complex that you are attempting to add.

Explanation

Enhanced security limits access to the storage complex to management consoles that are defined to access the storage complex. Establish enhanced security to reduce the risk of unapproved access to the storage complex from other management consoles.

Action

Click OK to continue. After you have added the storage complex to the list, use the Establish enhanced security action on the Storage complexes main page to establish enhanced security on the storage complex that you have added.

CMUI00110W The management console for the storage complex that you are attempting to add to the list has a version of code that does not support enhanced security. Click OK to continue. After you have added the storage complex, upgrade the code of the management console to a version that supports enhanced security and use the Establish enhanced security action on the Storage complexes main page to establish enhanced security on the storage complex that you have added.

Explanation

Enhanced security limits access to the storage complex to management consoles that are defined to access the storage complex. Establish enhanced security to reduce the risk of unapproved access to the storage complex from other management consoles.

Action

Click OK to continue. After you have added the storage complex to the list, upgrade the code of the management console to a version that supports enhanced security, and then use the Establish enhanced security action on the Storage complexes main page to establish enhanced security on the storage complex that you have added.

CMUI00111W The storage complex password is required for some storage complex tasks. Secure the storage complex password for future reference and then click OK to complete the task or click Cancel to cancel the task and return to the Storage complexes main page.

Explanation

The storage complex password must be entered to submit some storage complex tasks such as recovery from management console failure. It must be available only to users who are authorized to perform these tasks on the storage complex that you have selected.

Action

Secure the storage complex password for future reference and then click OK to complete the task or click Cancel to cancel the task and return to the Storage complexes main page.

CMUI00112E The task has failed because at least one of the management consoles in the storage complex is not connected.

Explanation

Both management consoles must have a status of Connected to complete the task.

Action

Ensure that the status of both management consoles is Connected, and resubmit the task.

CMUI00113E The modify storage complex nickname or password task has failed because the storage complex security is not enabled.

Explanation

The storage complex security must be enabled to modify the storage complex nickname or password. The storage complex password does not exist if security is not enabled.

Action

Enable the storage complex security. After you have enabled security, if you want to change the storage complex nickname, resubmit the modify storage complex nickname or password task.

CMUI00114E The modify storage complex nickname or password task has failed.

Explanation

The storage complex must be online and both management consoles must have a status of Connected and have installed a version of code that supports the security feature.

Action

Ensure that the storage complex status is Online and that the status of both management consoles is Connected. Ensure that both management consoles have installed a version of code that supports the security feature. Resubmit the task. If the problem persists, collect the management console logs and contact IBM technical support for assistance. To collect the management console logs, navigate to Monitor System->Problem Determination Data. Click the Collect New PD Files tab and ensure the Storage manager console logs checkbox is checked. Enter the Customer information and the problem description, and click Collect to collect the logs.

CMUI00115W Before you delete the storage complex *STORAGE_COMPLEX_NICKNAME*, you must remove all storage units and the peer management console from the specified storage complex. Click OK to delete the specified storage complex or click Cancel to cancel the task and return to the Storage complexes main page without deleting the specified storage complex.

Explanation

The Delete Storage Complex task disables security on the specified storage complex and reverts the status of management consoles that are defined to the storage complex to Undefined. You must remove all storage units and the peer management console from the specified storage complex before you can delete the storage complex.

Action

Click OK to delete the specified storage complex or click Cancel to cancel the task and return to the Storage complexes main page without deleting the specified storage complex.

CMUI00116E The storage complex delete task has failed. Click OK to return to the Storage complexes main page.

Explanation

The storage complex remains defined because the delete task has failed.

Action

Click OK to return to the Storage complexes main page. If you do not plan to use the management console, select the storage complex that you want to delete and

select Remove from List from the Select Action drop-down menu to remove the display of the selected storage complex on the Storage complexes main page. If you plan to use the management console, collect the management console logs and contact IBM technical support for assistance. To collect the management console logs, navigate to Monitor System->Problem Determination Data. Click the Collect New PD Files tab and ensure the Storage manager console logs checkbox is checked. Enter the Customer information and the problem description and click Collect to collect the logs.

CMUI00117E You have not entered the correct password for the user name that has been used to log in to the management console application that you are using.

Explanation

You must enter the correct password for the user name that has been used to log in to confirm your identity.

Action

Enter the correct password for the user name that has been used to log in to the management console application that you are using.

CMUI00118E You must enter the correct current password in the Password field that is defined for the user account in the User name field.

Explanation

You did not enter the current password in the Password field correctly. This is required to change the password and must be identical to the password that is currently defined for the user account in the User name field.

Action

Enter the correct password and then resubmit the Modify User task.

CMUI00119E You cannot delete the storage complex *STORAGE_COMPLEX_NICKNAME* because it still has a storage unit or management console defined to it.

Explanation

Before you can delete the specified storage complex, remove all storage units and peer management consoles from the specified storage complex.

Action

Click OK to return to the Storage complexes main page. Select the storage complex that you want to delete, and click Properties on the Select Action drop-down menu to determine which resources are still defined to the specified storage complex. Remove those resources and then resubmit the delete storage complex task.

CMUI00120W Do you want to delete all the user accounts on the management console? Click Yes to delete all user accounts or click No to retain all user accounts. If you click Yes to delete all user accounts on the local management console, the session expires and the login dialog displays.

Explanation

You have the option to remove all user accounts from the management console when you delete the storage complex that you have selected.

Action

Click Yes to remove all user accounts, or click No to retain all user accounts on the management console when you delete the storage complex that you have selected.

If you click Yes to delete all user accounts on the local management console, the session expires and the login dialog displays. Use the default user account and password (admin/admin) to log in to the application. Immediately after you log in using the default user account and password, change the default user account password for security.

CMUI00121E The peer management console definition task has failed because the management console you are attempting to define as a peer is already a member of a storage complex.

Explanation

You cannot define a management console to more than one storage complex. You cannot define the management console that you have selected to another storage complex because it is already defined to a storage complex.

Action

Ensure that the management console is not already defined to a storage complex, and then resubmit the task.

CMUI00122W The task has failed because the password of the management console that you are using does not match the password of the remote management console that has the nickname *REMOTE_NICKNAME*.

Explanation

The task requires that the password of the local management console matches the password of the specified remote management console.

Action

Ensure that the passwords of the local management console and the specified remote management console are the same and resubmit the task.

CMUI00123E Unable to resolve host name.**Explanation**

You have specified a host name that cannot be translated to an IP address.

Action

Ensure that your domain name server translates the host name that you specify to an IP address and resubmit the task.

CMUI00124W The firmware file that you have selected to transfer from the management console to the storage unit processor cards has already been transferred to the storage unit processor cards. Do you want to transfer the selected firmware file again? Click Yes to transfer the firmware file or click No to cancel the task without transferring the firmware file.**Explanation**

The current firmware level for the storage unit processor cards remains the same when you transfer the firmware file because the firmware level of the file that you have selected to transfer from the management console matches the current firmware level of the storage unit process cards.

Action

Click Yes to transfer the firmware file that you have selected from the management console to the storage unit processor cards or click No to cancel the task without transferring the firmware file.

CMUI00125E The IP address that you have entered is not the correct IP address for the host name that you have entered. You can enter a host name and no IP address, or you can enter an IP address and no host name. If you enter both a host name and an IP address, the IP address must be the correct IP address for the host name.**Explanation**

You can enter a host name and no IP address, or you can enter an IP address and no host name. In either of these cases, the system automatically defines the value for the field that you have not entered based on the value of the field that you have entered. If you enter both a host name and an IP address, the IP address must be the correct IP address for the host name.

Action

Enter only a host name or only an IP address, or if you enter both, ensure that the IP address is the correct address for the host name. Resubmit the task.

CMUI00126E You must enter a company name.**Explanation**

You cannot collect problem determination data unless you provide a company name. If you select a storage unit, the company name is defaulted from the Customer account information tab of the Customer Contact page of the storage unit. If you do not select a storage unit, you must enter a company name. One reason that you might not select a storage unit is if you are collecting only management console logs.

Action

If you have selected a storage unit and a company name is not displayed, enter a company name on the Customer account information tab of the Customer Contact page of the storage unit and then resubmit the task. If you have not selected a storage unit, enter a company name and resubmit the task.

Chapter 6. DS Storage Manager Copy Services messages

Copy Services related messages

These messages are issued by the DS Storage Manager.

CMUS00000W This operation deletes the selected FlashCopy relationships. Click OK to delete the FlashCopy relationships. Click Cancel to cancel the operation.

Explanation

You are being asked to confirm that you want to delete the selected FlashCopy relationships.

Action

Click OK to delete the FlashCopy relationships. Click Cancel to cancel the operation.

CMUS00001W This operation deletes Remote Mirror and Copy relationships. Click OK to delete the Remote Mirror and Copy relationships. Click Cancel to cancel the operation.

Explanation

You are being asked to confirm that you want to delete the selected Remote Mirror and Copy relationships.

Action

Click OK to delete the Remote Mirror and Copy relationships. Click Cancel to cancel the operation.

CMUS00002E You must select at least one source volume to create relationships.

Explanation

You must select a source volume to create a relationship,

Action

Select a source volume from the table.

CMUS00003E You must select the same number of target volumes as source volumes.

Explanation

To create Remote Mirror and Copy relationships, each source volume must have a target volume. Fewer target volumes are selected than source volumes.

Action

Select the same number of target volumes as source volumes.

CMUS00004E You must select at least one source volume to create relationships.

Explanation

To create a FlashCopy relationship, you must select a source volume.

Action

Select a source volume from the table.

CMUS00005E You must select the same number of target volumes as source volumes.

Explanation

You have selected the single source with single target radio button from the first panel of the wizard. To create a FlashCopy relationship with this button, you must select the same number of target volumes as source volumes.

Action

Select the same number of target volumes as source volumes or deselect the single source with single target radio button.

CMUS00006E You must select at least one target volume.

Explanation

To create a relationship, you must select at least one target volume.

Action

Select at least one target volume.

CMUS00007E The target volume refresh fails. Contact IBM technical support for assistance.

Explanation

You are attempting to refresh the target volume of a FlashCopy relationship. The refresh fails.

Action

Contact IBM technical support for assistance.

CMUS00008E The FlashCopy reverse fails. Contact IBM technical support for assistance.**Explanation**

You are attempting to reverse the source and target volumes of a FlashCopy relationship. The reverse fails.

Action

Contact IBM technical support for assistance.

CMUS00009E You must select a source logical subsystem.**Explanation**

To create a path, you must select a source logical subsystem.

Action

Select a logical subsystem from the table.

CMUS00010E You must select a target logical subsystem.**Explanation**

To create a path, you must select a target logical subsystem.

Action

Select a logical subsystem from the table.

CMUS00011E You must select the source I/O ports.**Explanation**

To create a path, you must select source storage image I/O ports.

Action

Select one or more I/O ports.

CMUS00012E You must select the target I/O ports.**Explanation**

To create a path, you must select target storage image I/O ports.

Action

Select one or more I/O ports.

CMUS00013W This operation deletes paths that might be used by Remote Mirror and Copy pairs. If you continue, data transfer bandwidth might be lowered. Click Continue to delete the paths. Click Cancel to cancel the operation.

Explanation

You are being asked to confirm that you want to delete the selected paths.

Action

Click Continue to delete the paths. Click Cancel to cancel the operation.

CMUS00014E You must select a master logical subsystem for the Global Mirror relationship.

Explanation

To create an Global Mirror relationship, a master logical subsystem must be selected.

Action

Select a master logical subsystem.

CMUS00015W This operation resumes the selected Global Mirror relationships. Click OK to resume the Global Mirror relationships. Click Cancel to cancel the operation.

Explanation

You are being asked to confirm that you want to resume the selected Global Mirror relationships.

Action

Click OK to resume the Global Mirror relationships. Click Cancel to cancel the operation.

CMUS00016W This operation pauses the selected Global Mirror relationships. Click OK to pause the Global Mirror relationships. Click Cancel to cancel the operation.

Explanation

You are being asked to confirm that you want to pause the selected Global Mirror relationships.

Action

Click OK to pause the Global Mirror relationships. Click Cancel to cancel the operation.

CMUS00017E Unable to start Global Mirror session. Contact IBM technical support for assistance.**Explanation**

The graphical user interface reports an unknown error returned from the management console server. The Global Mirror session does not start.

Action

Contact IBM technical support for assistance.

CMUS00018E Invalid session ID.**Explanation**

A session ID must be a two-character hexadecimal number in the range (00 - FF).

Action

Enter a valid two-character hexadecimal number.

CMUS00019E The management console server rejects the options you selected.**Explanation**

You have selected options that should be valid, but the management console server does not accept all of the options. This might be because of one of the following reasons:

- The management console server software is not the latest version.
- The storage unit microcode is not the latest version.
- An unknown internal error has occurred.

Action

Ensure that the latest version of all software and microcode is installed. If the problem persists, contact IBM technical support for assistance.

CMUS00020E Inhibit writes to target volume option: no valid value selected**Explanation**

No valid value is selected for the Inhibit writes to target volume option. You must select either Enable all or Disable all.

Action

Select either Enable all or Disable all, and then resubmit the task.

CMUS00021E Enable change recording option: no valid value selected**Explanation**

No valid value is selected for the Enable change recording option. You must select either Enable all or Disable all.

Action

Select either Enable all or Disable all, and then resubmit the task.

CMUS00022E Permit FlashCopy to occur if target volume is online for host access: no valid value selected**Explanation**

No valid value is selected for the Permit FlashCopy to occur if target volume is online for host access option. You must select either Enable all or Disable all.

Action

Select either Enable all or Disable all, and then resubmit the task.

CMUS00023E Fast reverse: no valid value selected**Explanation**

No valid value is selected for the Fast reverse option. You must select either Enable all or Disable all.

Action

Select either Enable all or Disable all, and then resubmit the task.

CMUS00024W This operation deletes the selected Global Mirror relationships. Click OK to delete the Global Mirror relationships. Click Cancel to cancel the operation.**Explanation**

You are being asked to confirm that you want to delete the selected Global Mirror relationships.

Action

Click OK to delete the Global Mirror relationships. Click Cancel to cancel the operation.

CMUS00025E The relationship properties cannot be displayed. The relationship no longer exists.

Explanation

The specified relationship has been removed by another user, or it was removed automatically when a background copy completed.

Action

Close the properties page. The relationship will disappear from the main panel. Select a different relationship, and then resubmit the task.

CMUS00026E Relationships *VALUE_0* specify volumes with incompatible sizes. These relationships will not be created.

Explanation

The specified relationships will not be created because the volume sizes are not compatible. For example, the target volume might be smaller than the source volume.

Action

Return to the previous panel to select compatible volumes, click the Cancel button to cancel the operation, or click the Finish button to create the remaining relationships.

CMUS00027W The paths you are attempting to remove are used by existing Remote Mirror and Copy pairs. All paths cannot be removed from target LSSs *VALUE_0* while pairs exist. The Remote Mirror and Copy pairs must be removed before all paths can be removed.

Explanation

You must remove any Remote Mirror and Copy pairs that use the only remaining path before you can remove the path.

Action

Remove any Remote Mirror and Copy pairs that use the paths, and then resubmit the task.

CMUS00028E You must select at least one FlashCopy relationship.

Explanation

You must select a relationship before you can initiate a background copy or commit or discard changes. No relationship is selected.

Action

Select a FlashCopy relationship, and then resubmit the task.

CMUS00029E No source LSS is available in the selected storage image.

Explanation

No source logical subsystem is available in the selected storage image. A path cannot be created without a source LSS.

Action

Select a storage image that has an available source logical subsystem, and then resubmit the task.

CMUS00030W The selected storage unit or image is not a master (primary) for Global Mirror sessions.

Explanation

You have selected a storage unit or storage image that is a subordinate (not a master) for Global Mirror sessions. This is only a warning. You can make this storage unit or storage image a master.

Action

You can continue, but you must make the storage unit or storage image a master.

CMUS00031E Invalid logical subsystem: No paths to the subordinates exist.

Explanation

A path must exist between the master and subordinate logical subsystems. No path exists.

Action

Select a logical subsystem with paths to the subordinates or create paths, and then resubmit the task.

CMUS00032E No target LSS is available for the selected source LSS.

Explanation

No target logical subsystem is available for the selected source logical subsystem. A path cannot be created without a target LSS. To create a target LSS, a port must be cabled, and the port topology must be configured using the DS command-line interface.

Action

Select a different source logical subsystem, or contact IBM technical support for assistance.

CMUS00033E Select at least one volume.**Explanation**

At least one volume must be selected before you can create a Global Mirror relationship. No volume has been selected.

Action

Select at least one volume, and then resubmit the task.

CMUS00034E No session IDs are available for the selected volumes.**Explanation**

No available sessions exist because all 256 possible session IDs have been used already.

Action

To make session IDs available, remove one or more of the storage images in the configuration by deselecting all of the volumes in that storage image.

CMUS00035W Resetting the reservation on the secondary volume might cause host I/O targeting that volume to fail. Select Continue to reset the reservation. Select Cancel to cancel the operation.**Explanation**

You have selected the option that resets the reservation on the secondary volume. Host I/O that is targeting the secondary volume might fail after the reservation is reset.

Action

Select Continue to reset the reservation on the secondary volume. Select Cancel to cancel the operation.

CMUS00036I You have selected either the Reset reservation (Open Systems) option or the Create relationship even if target is online to a host (zSeries) option. Each of these options clears host access on the secondary remote mirror and copy device when the Create relationship operation completes. Any data previously written to these secondary volumes is lost, and any active host I/O to these volumes fails.**Explanation**

A host system makes a reservation on a volume to prevent unintended access to that volume by another source. Each of these options removes that reservation to allow the primary remote mirror and copy device to write to the volume on the secondary remote mirror and copy device.

Action

None.

Chapter 7. DS Storage Manager console messages

Console messages

These messages are issued by the DS Storage Manager.

CMUL0000E GUI console operation error: page exception

Explanation

The graphical user interface console reports an internal error.

Action

Ensure that the correct version of the interface software is installed. If the error persists, contact IBM technical support.

CMUL0001E GUI console operation error: renderer exception

Explanation

The graphical user interface console reports an internal error.

Action

Ensure that the correct version of the interface software is installed. If the error persists, contact IBM technical support.

CMUL0002E GUI console operation error: trigger exception

Explanation

The graphical user interface console reports an internal error.

Action

Ensure that the correct version of the interface software is installed. If the error persists, contact IBM technical support.

CMUL0003E GUI console operation error: request not handled

Explanation

The graphical user interface console reports an internal error.

Action

Ensure that the correct version of the interface software is installed. If the error persists, contact IBM technical support.

CMUL00004E GUI console operation error: Java runtime exception**Explanation**

The graphical user interface console reports an internal error.

Action

Ensure that the correct versions of the interface software and the Java runtime environment are installed. If the error persists, contact IBM technical support.

CMUL00005E GUI console operation error: GUI not initialized**Explanation**

The graphical user interface console reports an internal error.

Action

Ensure that the correct versions of the interface software and the Java runtime environment are installed. If the error persists, contact IBM technical support.

CMUL00006E GUI console operation error: GUI panel definition**Explanation**

The graphical user interface console reports an internal error.

Action

Ensure that the correct versions of the interface software and the Java runtime environment are installed. If the error persists, contact IBM technical support.

CMUL00007E GUI console operation error: GUI panel definition**Explanation**

The graphical user interface console reports an internal error.

Action

Ensure that the correct versions of the interface software and the Java runtime environment are installed. If the error persists, contact IBM technical support.

CMUL00008E GUI console operation error: fatal error**Explanation**

The graphical user interface console reports an internal error.

Action

Ensure that the correct versions of the interface software and the Java runtime environment are installed. Resubmit the task. It might be necessary to restart the application. If the error persists, contact IBM technical support.

CMUL00009E Invalid value: *VALUE_0*. Only integer values are allowed.

Explanation

The specification contains a non integer value. Only integer values are allowed.

Action

Enter an integer value, and then resubmit the task.

CMUL00010E *VALUE_0*: All components of the IP field are required.

Explanation

You must enter a complete IP address. At least one part is incomplete. Example: 127.123.456.789

Action

Enter a complete IP address, and then resubmit the task.

CMUL00011E *VALUE_0*: Only numbers between 0-255 are valid.

Explanation

Each component of the IP address must be a number between 0 and 255. One of the values does not fall within this range.

Action

Enter a number between 0 and 255 in each field, and then resubmit the task.

CMUL00012E *VALUE_0* is required.

Explanation

The field must contain an entry before you can continue.

Action

Enter a value in the field, and then resubmit the task.

CMUL00013W This command has irreversible consequences. Select OK to execute the command. Select Cancel to cancel the operation.

Explanation

The application is requesting confirmation that you want to run the command you issued.

Action

Select OK to run the command. Select Cancel to cancel the operation.

CMUL00014E Supply values for all the required fields.**Explanation**

Not all of the required fields contain information.

Action

Enter values in all the required fields, and then resubmit the task.

CMUL00015E Value too small: *VALUE_0*. The value that you enter must be an integer greater than or equal to *VALUE_1*.**Explanation**

The value is smaller than the minimum integer value that is permitted.

Action

Enter an integer value greater than or equal to the value that is displayed in the message.

CMUL00016E Value too large: *VALUE_0*. The value that you enter must be an integer smaller than or equal to *VALUE_1*.**Explanation**

The value is larger than the maximum integer value that is permitted.

Action

Enter an integer value less than or equal to the value that is displayed in the message.

CMUL00017E Entry too long: *VALUE_0*. The string that you enter must be less than or equal to *VALUE_1* characters in length.**Explanation**

The character string is longer than the maximum length that is permitted.

Action

Enter a character string shorter than or equal to the maximum length displayed in the message.

CMUL00018E *VALUE_0* must be between *VALUE_1* and *VALUE_2*.**Explanation**

The value does not fall within the allowed range.

Action

Enter a value within the specified range.

CMUL00019E Invalid value: *VALUE_0*

Explanation

An integer or decimal number is required. Non numeric characters are invalid.

Action

Enter a numeric value, and then resubmit the task.

CMUL00020E Invalid activation code format: *VALUE_0* The code must be *VALUE_1* groups of four-digit hexadecimal numbers, separated by hyphens.

Explanation

The format of the specified activation code is invalid.

Action

Enter a correctly formatted activation code, and then resubmit the task.

CMUL00021E Invalid value: *VALUE_0*. A session ID must be a hexadecimal number.

Explanation

A session ID must be a two-character hexadecimal number in the range (00 - FF).

Action

Enter a valid two-character hexadecimal number.

CMUL00022E Invalid value: *VALUE_0*. This number must be *VALUE_1* digits long.

Explanation

The entered hexadecimal number is not the correct length. For example, a session ID must be a two-character hexadecimal number in the range (00 - FF). A valid session ID is 01, not 1.

Action

Enter a valid hexadecimal number of the correct length.

CMUL00023E Value too small: *VALUE_0*. The value you enter must be greater than *VALUE_1*.

Explanation

The entered hexadecimal number is too small.

Action

Enter a valid hexadecimal number larger than the provided value.

CMUL00024E Value too large: *VALUE_0*. The value you enter must be smaller than *VALUE_1*.

Explanation

The entered hexadecimal number is too large.

Action

Enter a valid hexadecimal number smaller than the provided value.

CMUL00025E Invalid value: *VALUE_0* Only alphabetical text is permitted.

Explanation

The value contains non alphabetical characters. All characters must be alphabetical (a - z, A - Z).

Action

Enter alphabetical text only, and then resubmit the task.

CMUL00026E Unable to add storage complex. The storage complex is not online.

Explanation

The storage complex must be online before it can be added to the configuration.

Action

Place the storage complex online, and then resubmit the task.

CMUL00027E The selected storage complexes cannot be deleted.

Explanation

The delete operation fails for an unknown reason.

Action

Resubmit the task. If the error persists, contact IBM technical support.

CMUL00028E Invalid value: *VALUE_0*. This number must be a percentage, entered as an integer between *VALUE_1* and *VALUE_2*.

Explanation

The value must be an integer percentage. The specified value is not an integer percentage.

Action

Enter an integer between the provided limits, and then resubmit the task.

CMUL00029E Unauthorized user

Explanation

Your user account has been created, but your system administrator has not granted you access privileges.

Action

Contact your system administrator.

CMUL00030I Please wait...

Explanation

Please wait while the page loads. The graphical user interface is gathering the data that is needed to display the page.

Action

The page should automatically refresh for you after it has finished loading.

CMUL00031E Message *MESSAGE* is not defined. Contact IBM technical support for assistance.

Explanation

The text for the specified message is missing.

Action

Contact IBM technical support for assistance.

Chapter 8. DS Storage Manager service messages

Service messages

These messages are issued by the DS Storage Manager.

CMUR00000W You are about to generate a test problem. A SNMP message will be triggered and a test problem will be sent to IBM via Call Home. Click Continue to create the test problem. Click Cancel to cancel the operation.

Explanation

You are being asked to confirm that you want to create a test problem. This problem will send an SNMP message and a Call Home message if these services have been configured.

Action

Click Continue to create the test problem. Click Cancel to cancel the operation.

CMUR00001W The selected hardware resource will be taken offline. Click Continue to take the hardware resource offline. Click Cancel to cancel the operation.

Explanation

You are being asked to confirm that you want to take the selected hardware resource offline.

Action

Click Continue to take the selected hardware resource offline. Click Cancel to cancel the operation.

CMUR00002W The selected hardware resource will be brought online. Click Continue to bring the hardware resource online. Click Cancel to cancel the operation.

Explanation

You are being asked to confirm that you want to bring the selected hardware resource online.

Action

Click Continue to bring the selected hardware resource online. Click Cancel to cancel the operation.

CMUR00003W You are about to close the selected log entry. This will have no effect on the associated hardware resource. Once closed, the log entry cannot be reopened. All light path indicators associated with this log entry will be extinguished. Click Continue to close the log entry. Click Cancel to cancel the operation.

Explanation

You are being asked to confirm that you want to manually close the log entry.

Action

Click Continue to close the log entry. Click Cancel to cancel the operation.

CMUR00004E Invalid date entry

Explanation

The date value is invalid.

- The From date and time cannot be greater than the To date and time.
- The To date and time cannot be less than the From date and time.
- The From and To dates and times cannot be greater than the current date and time.

To avoid errors, select the date and time instead of typing in values.

Action

Provide a valid date, and then resubmit the task.

CMUR00005E Invalid time entry

Explanation

The time value is invalid.

- The From date and time cannot be greater than the To date and time.
- The To date and time cannot be less than the From date and time.
- The From and To dates and times cannot be greater than the current date and time.

To avoid errors, select the date and time instead of typing in values.

Action

Provide a valid time, and then resubmit the task.

CMUR00006W This operation ends the long running task. Click OK to end the long running task. Click Cancel to cancel the operation.

Explanation

A long running task is taking place or is in an error state. If you click OK the task will be ended before it completes. Some processes will not finish, and you might have to perform other tasks to make affected storage space usable.

Action

Click OK to end the long running task. Click Cancel to cancel the operation.

CMUR00007W This operation ends the selected long running tasks. Click OK to end the long running tasks. Click Cancel to cancel the operation.

Explanation

Long running tasks are taking place or are in an error state. If you click OK the selected tasks will be ended before they complete. Some processes will not finish, and you might have to perform other tasks to make affected storage space usable.

Action

Click OK to end the long running tasks. Click Cancel to cancel the operation.

CMUR00008W This operation deletes the selected long running task. Click OK to delete the long running task. Click Cancel to cancel the operation.

Explanation

The selected long running task is in a finished, ended, or error state. If you click OK the selected task will be deleted.

Action

Click OK to end the long running tasks. Click Cancel to cancel the operation.

CMUR00009E You must select either an existing storage complex or a storage unit that has not been assigned to a storage complex.

Explanation

An unassigned storage complex is selected. Either an existing storage complex or an unassigned storage unit is required.

Action

Select either an existing storage complex or a storage unit that has not been assigned to a storage complex, and then resubmit the task.

CMUR00010E The password and confirmation password do not match.**Explanation**

You must enter the same text for password and confirmation password to proceed. The password and confirmation password are not identical.

Action

Enter the same text for both the password and confirmation, and then resubmit the task.

CMUR00011W User accounts will be deleted. Click OK to delete the user accounts. Click Cancel to cancel the operation.**Explanation**

You have chosen to delete one or more users. This message is a warning that the user accounts will be deleted if you proceed.

Action

Click OK to delete the user accounts. Click Cancel to cancel the operation.

CMUR00012E Service data cannot be collected and sent until you provide customer contact information.**Explanation**

Before service data can be collected and sent, you must first provide information in the Customer contact information notebook. No customer contact information exists.

Action

Select Customer contact... from the action drop-down, enter the necessary information, and then resubmit the task.

CMUR00013W This operation takes a long time to complete. If you proceed, you must click the Refresh button on the Status tab in order to see the latest data. Click Continue to bring the resource online. Click Cancel to cancel the operation.**Explanation**

You have selected a resource to bring online, but you are being warned that you are about to initiate a long running task. To view progress, you must manually click the Refresh button on the Status tab of the page, which shows the most current information.

Action

Click Continue to bring the resource online. Click Cancel to cancel the operation.

CMUR00014E No storage unit is available. This panel cannot be used unless there is at least one storage unit online. Navigate to the Storage Unit panel to verify the status of the managed storage units before you continue.

Explanation

The panel that you are attempting to use requires that at least one storage unit is online and available to the management console. The management console cannot connect to a storage unit.

Action

Ensure that at least one storage unit is online and that it can be detected by the management console. Then resubmit the task.

CMUR00015E The selected resource cannot be brought online.

Explanation

The task completed normally, but the selected resource is not online.

Action

Press the Refresh button on the Status tab to view the current state of the resource. Ensure that the resource is in a state that permits it to be brought online, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUR00016E The attempt to bring the selected resource online does not complete. Verify the state of the storage unit and resubmit the task after the storage unit has returned to a Normal status.

Explanation

The task cannot complete because a connection does not exist or because the task times out. One of the following conditions might exist:

- Your connection to the management console has been interrupted.
- The management console is busy.
- The storage unit has an Unavailable status.
- The management console is not online.
- The connection from the management console to the storage unit has been interrupted.
- The storage unit is busy.
- The storage unit is not online.

Action

Return to the Storage Complex main page and click the Refresh button to determine if the management console is available and connected to the storage unit. Return to the Storage Unit main page and click the Refresh button to determine if the storage unit is online (with Normal status). If the management

console is connected to an online storage unit, the task might have timed out because the storage unit was busy when the task was submitted. If the storage complex is not connected or the storage unit is unavailable, return to the Storage Complex main page and issue the Attempt Connection task from the Action drop-down list. Ensure that connections exist, the storage unit has a Normal status, and systems are online, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUR00017E The attempt to take the selected resource offline does not complete.**Explanation**

The task cannot complete because a connection does not exist or because the task times out. One of the following conditions might exist:

- Your connection to the management console has been interrupted.
- The management console is busy.
- The management console is not online.
- The connection from the management console to the storage unit has been interrupted.
- The storage unit is busy.
- The storage unit is not online.

Action

Return to the Storage Complex main page and click the Refresh button to determine if the management console is available and connected to the storage unit. Return to the Storage Unit main page and click the Refresh button to determine if the storage unit is online. If the management console is connected to an online storage unit, then the task might have timed out because the storage unit was busy when the task was submitted. If the storage complex is not connected or the storage unit is unavailable, return to the Storage Complex main page and issue the Attempt Connection task from the Action drop-down list. Ensure that connections exist and systems are online and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUR00018I Data is being collected for the selected reports.**Explanation**

Data collection for the selected reports is taking place.

Action

None.

CMUR00019I Data collection will no longer occur for the unselected reports.**Explanation**

You chose to remove some or all reports from gathering statistical information.

Action

None.

CMUR00020W This operation takes a long time to complete. If the resource is a processor card, the storage unit becomes unavailable after the operation completes. If you proceed, you must click the Refresh button on the Status tab in order to see the latest data. Click Continue to take the resource offline. Click Cancel to cancel the operation.

Explanation

You have selected a resource to take offline. To view the current progress, you must manually click the Refresh button on the Status tab of the page. If the resource is a processor card, you cannot perform any further actions on the processor card until the storage unit enters a Normal status. After the operation completes, you must verify that the status of the storage unit is Normal before you issue another command on the processor card.

Action

Click Continue to take the resource offline. Click Cancel to cancel the operation.

CMUR00021E *VALUE_0* Operation unsuccessful: The selected resource is not offline.

Explanation

No error is reported from the storage unit microcode in response to the task, but the selected resource is not offline.

Action

Click the Refresh button on the Status tab to determine the current state of the selected resource. If the resource is in a state that can be changed to offline, resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUR00022E The peer management console *IP_ADDRESS* for the selected storage complex is unavailable. No logs were gathered.

Explanation

Either the peer management console for the storage complex that you selected is not functioning or an error has occurred during the file export process. No audit logs were gathered from the peer management console.

Action

Ensure that the peer management console is operational and resubmit the task.

CMUR00023E The selected storage complex cannot be accessed. No logs were gathered.

Explanation

You have attempted to gather audit logs from a storage complex that cannot be accessed. No audit logs were gathered.

Action

Check the storage complex properties to ensure that the storage complex is accessible, and resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUR00024W A disk drive module is formatted immediately when you bring it online. The disk drive module format task deletes all data on the disk drive module. This operation takes a long time to complete. If you proceed, you must click the Refresh button on the Status tab of the Properties page to see the latest data. Click Continue to bring the disk drive module online and format it, or click Cancel to cancel the operation.

Explanation

When you bring the disk drive module online, it is formatted immediately. Formatting the disk drive module deletes all data that is on the disk drive module. To view the current progress, you must click the Refresh button on the Status tab of the Properties page.

Action

Click Continue to bring the disk drive module online and format it, or click Cancel to cancel the operation without formatting the disk drive module.

CMUR00025W If you take a disk drive module offline, it is formatted when you bring it back online. The disk drive module format task deletes all data on the disk drive module. The operations that take the disk drive module offline and online take a long time to complete. If you proceed, you must click the Refresh button on the Status tab of the Properties page to see the latest data. Click Continue to take the disk drive module offline or click Cancel to cancel the operation.

Explanation

The data remains on a disk drive module when you take it offline. However, when you bring the disk drive module back online, it is formatted immediately and the format process deletes all data that is on the disk drive module. To view the current progress, you must click the Refresh button on the Status tab of the Properties page.

Action

Click Continue to take the disk drive module offline, or click Cancel to cancel the operation.

CMUR00026W There are no error log entries that satisfy the selected *FILTER* filtering criteria.

Explanation

The display of error log entries is filtered by storage complex, storage unit, severity, status, and date and time range. There are no error log entries that match the specified combination of values that you selected for these filter fields.

Action

Change a value that you selected for one of the filter fields. The task is automatically resubmitted unless you have changed only a date or time field. If you have changed only a date or time field, click the Refresh button to resubmit the task.

CMUR00027I There are no open error log entries for the past 7 days for the *RESOURCE* resource that you have selected.

Explanation

When you click on View Resource Logs from the Status tab of the Properties page, the Error Logs page opens and displays the past 7 days of open error log entries that apply to the resource that you have selected on the Status tab of the Properties page.

Action

None.

CMUR00028E The combination of values in the From this date: and time: fields must be earlier than the combination of values in the To this date: and time: fields.

Explanation

The combination of values in the From this date: field and the time: field must specify a moment in time that precedes the moment in time that is specified by the combination of values in the To this date: field and the time: field.

Action

Specify correct values in the date and time fields, and resubmit the task.

Chapter 9. DS storage management console server messages

Server messages

These messages are issued by the DS storage management console server.

CMUN00000E *SOURCE* Authentication failure

Explanation

The management console server reports an authentication failure. Authentication information that is provided by the client is invalid.

Action

Provide the correct user name and password, and then resubmit the task.

CMUN00001E *SOURCE* Configuration error. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal error.

Action

Contact IBM technical support for assistance.

CMUN00002E *SOURCE* Internal error. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal error.

Action

Contact IBM technical support for assistance.

CMUN00003E *SOURCE* Configuration connection error. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal error.

Action

Contact IBM technical support for assistance.

CMUN00004E *SOURCE* Configuration connection error. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal error.

Action

Contact IBM technical support for assistance.

CMUN00005E *SOURCE* Internal error. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal Copy Services failure.

Action

Contact IBM technical support for assistance.

CMUN00006E *SOURCE* Internal error. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal error.

Action

Contact IBM technical support for assistance.

CMUN00007E *SOURCE* Mismatched Jar file

Explanation

The management console server or your client software reports that one of the Java resource files is not the correct version. The client and server cannot operate correctly if their respective files are not the same version.

Action

Install the appropriate versions of the management console server software and client software. If the problem persists, contact IBM technical support for assistance.

CMUN00008E *SOURCE* Invalid configuration parameter

Explanation

The management console server detects an invalid or nonexistent configuration parameter. Examples include:

- A null value

- An invalid extent type
- An invalid volume type
- An invalid device type
- An incorrect storage image
- An out of range subsystem identifier

Action

Correctly specify all parameters, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN00009E *SOURCE* Invalid parameter

Explanation

The management console server detects an invalid or nonexistent parameter. Examples include:

- An invalid volume
- An invalid logical subsystem
- An invalid storage image

Action

Correctly specify all parameters, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN00010E *SOURCE* Invalid parameter.

Explanation

The management console server detects an invalid parameter. Examples include:

- A null value
- An invalid type

Action

Correctly specify all parameters, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN00011E *SOURCE* Configuration query error. Contact IBM technical support for assistance.

Explanation

The management console server detects an internal error that occurs during a resource query.

Action

Contact IBM technical support for assistance.

CMUN00012E *SOURCE* Configuration query error. Contact IBM technical support for assistance.

Explanation

The management console server detects an internal error that occurs during a resource query.

Action

Contact IBM technical support for assistance.

CMUN00013E *SOURCE* Resource not found

Explanation

The management console server reports that it cannot find a resource. This might be because the resource is not configured on the console, or because it does not exist in the storage complex.

Action

Check the available resources and specify the correct parameters. If the problem persists, contact IBM technical support for assistance.

CMUN00014E *SOURCE* Server error. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal error.

Action

Contact IBM technical support for assistance.

CMUN00015E *SOURCE* Command execution timeout

Explanation

The management console server reports that an internal timeout has occurred before the task can complete.

Action

Check for intermediate task results. Remove intermediate results or modify the task as necessary. Resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN00016E *SOURCE* Unauthorized access

Explanation

The management console server reports that you are not authorized to perform this operation.

Action

Verify your user name and privileges. Contact your system administrator.

CMUN00017E *SOURCE* Your user ID does not have the authority to perform this operation.

Explanation

The management console server reports that your user ID is not authorized to perform this operation.

Action

If your password has expired, renew your password. Verify that you have used the correct user ID to log in. Verify that the privileges for your user ID are correct. If the privileges for your user ID correctly" deny authorization to perform this operation, contact a user who has authorization to perform this operation. If the privileges for your user ID incorrectly" deny authorization to perform this operation, contact your system administrator to correct the privileges for your user ID.

CMUN00018E *SOURCE* Unable to connect to the management console server

Explanation

Your client software cannot connect to the management console server. This might be because the server is not enabled, a network problem exists, or the server is refusing connections because the maximum number of clients are connected already.

Action

Ensure that the management console is online. Ensure that you specify the management console IP addresses correctly. Ensure that other connections do not already exist.

CMUN00019E *SOURCE* Unknown configuration error. Contact IBM technical support for assistance.

Explanation

The management console server detects an unknown internal error that occurs during resource configuration.

Action

Contact IBM technical support for assistance.

CMUN00020E *SOURCE* **Unknown error. Contact IBM technical support for assistance.**

Explanation

The management console server detects an unknown internal error.

Action

Contact IBM technical support for assistance.

CMUN00021E *SOURCE* **Unknown management console server internal error. Contact IBM technical support for assistance.**

Explanation

The management console server reports an unknown internal error.

Action

Contact IBM technical support for assistance.

CMUN00022E *SOURCE* **The specified operation is unsupported.**

Explanation

The management console server reports that the command that it received is unsupported. This might be because the command is invalid, because the client issuing the command is at a different software version level than the server, or because the operation is not licensed.

Action

Verify that you are issuing the correct command. Verify that you have installed the same versions of the management console server software and the client. Verify that you have installed licensed machine code that supports the operation.

CMUN01000E *SOURCE* **Operation failure. Contact IBM technical support for assistance.**

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN01001E *SOURCE* **Operation failure: retrieving rank. Contact IBM technical support for assistance.**

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN01002E *SOURCE* **Operation failure. Contact IBM technical support for assistance.**

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02000E *SOURCE* **Query failure: This action is supported only for CKD volumes.**

Explanation

This action is supported only for count-key-data volumes.

Action

Specify count-key-data volumes in a CKD logical subsystem, and then resubmit the task.

CMUN02001E *SOURCE* **Error: The logical volume has been created, but it is not assigned to an address group. Contact IBM technical support for assistance.**

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02002E *SOURCE* **Error: The logical volume has been created but it is not assigned to a logical subsystem. Contact IBM technical support for assistance.**

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02003E *SOURCE* Error: The logical volume has been created, but it is not assigned to a volume group. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02004E *SOURCE* Error: The logical volume has been created, but it is not assigned to an extent pool. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02005E *RANK* Unable to assign the rank to the extent pool. The rank is already assigned to another extent pool.

Explanation

You have selected to assign a previously assigned rank to the specified extent pool. You cannot assign ranks if they are assigned to other extent pools. You can assign a rank to only one extent pool.

Action

Select a different rank to assign to the extent pool and resubmit the task.

CMUN02006E *SOURCE* Unable to query rank. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02007E *SOURCE* Unable to query rank. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02008E *SOURCE* Unable to query logical volume. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02009E *SOURCE* Unable to create array. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02010E *SOURCE* Unable to create array. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02011E *SOURCE* Unable to create array: internal interface communication error. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02012E *SOURCE* **Unable to create array: The array site is not unassigned.**

Explanation

An array site is not in the unassigned state. The task requires an unassigned array site.

Action

Check the status of the specified array site. Specify an unassigned array site, and then resubmit the task. If the problem persists, contact IBM technical support for assistance

CMUN02013E *SOURCE* **Unable to create array. Contact IBM technical support for assistance.**

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02014E *SOURCE* **Cannot delete array. The array is flagged to be serviced.**

Explanation

The array is flagged for service. An array in this state cannot be deleted until the service intent flag is removed.

Action

Wait until service is completed on the array, and then resubmit the task.

CMUN02015E *SOURCE* **Unable to delete rank: The rank is still assigned.**

Explanation

A rank cannot be deleted while it is still in the assigned state.

Action

Unassign the rank, and then resubmit the task.

CMUN02016E *SOURCE* **Unable to delete logical subsystem: Logical volumes are assigned.**

Explanation

Logical volumes are assigned to the logical subsystem. The logical subsystem cannot be deleted until these volumes are deleted.

Action

Delete the logical volumes, and then resubmit the task.

CMUN02017E *SOURCE* **Unable to delete rank: Extents are in use.**

Explanation

The rank cannot be deleted because extents are still allocated from the rank.

Action

Unallocate all storage from the rank, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02018E *SOURCE* **Unable to create or delete array: local server offline**

Explanation

The management console server reports a storage unit microcode-level error. A local server is not online. Microcode initialization might not have completed, or a failover has occurred and one server has not yet restarted.

Action

Monitor system status, and resubmit the task when both servers are online. If the problem persists, contact IBM technical support for assistance.

CMUN02019E *SOURCE* **Cannot exceed maximum volume group count**

Explanation

The maximum volume group count has been reached. A new volume group cannot be created.

Action

Remove unused volume groups, and then resubmit the task.

CMUN02020E *SOURCE* **Unable to create logical subsystem: ID already in use.**

Explanation

The logical subsystem cannot be created because the specified ID is already in use.

Action

Specify a different logical subsystem ID, and then resubmit the task.

CMUN02021E *SOURCE* **Unable to create logical volume: the volume number already exists.**

Explanation

The specified logical volume exists already.

Action

Specify a different volume number, and then resubmit the task.

CMUN02022E *SOURCE* **Unable to create array. Contact IBM technical support for assistance.**

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02023E *SOURCE* **Unable to modify logical subsystem: cannot set session timeout**

Explanation

The specified session timeout value is negative. Only positive values are valid.

Action

Specify a valid timeout value, and then resubmit the task.

CMUN02024E *SOURCE* **Unable to modify logical subsystem: invalid critical mode enabled**

Explanation

The specification contains an invalid value for the critical mode enabled parameter.

Action

Specify a valid value, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02025E *SOURCE* **Unable to modify logical subsystem: invalid extended long busy enabled parameter**

Explanation

You specified an invalid value for the extended long busy enabled parameter.

Action

Specify a valid value, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02026E *SOURCE* **Unable to modify logical subsystem: invalid extended long busy time value**

Explanation

The value that you specified for the extended long busy time parameter is negative. Only positive values are valid.

Action

Specify a valid value, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02027E *SOURCE* **Unable to modify logical subsystem: cannot set session timeout**

Explanation

The specified session timeout value is negative. Only positive values are valid.

Action

Specify a valid timeout value, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02028E *SOURCE* **Cannot use array sites. These sites are flagged to be serviced.**

Explanation

The array sites are flagged for service. An array cannot be created using these sites.

Action

Wait until service is completed on the array sites, and then resubmit the task.

CMUN02029E *SOURCE* Internal error. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02030E *SOURCE* Unable to repair array. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02031E *SOURCE* Operation failure: changes are pending

Explanation

The management console server reports a storage unit microcode-level error. The operation cannot be completed because previously stipulated changes have not yet been applied.

Action

Ensure that any other tasks that you have initiated have been completed. Wait, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02032E *SOURCE* Unable to create logical volume. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02033E *SOURCE* **Error: The logical volume has been deleted, but the logical subsystem deletion fails. Contact IBM technical support for assistance.**

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02034E *SOURCE* **Unable to repair array. Contact IBM technical support for assistance.**

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02035E *SOURCE* **Unable to delete logical volume. Contact IBM technical support for assistance.**

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02036E *SOURCE* **Unable to delete array. Contact IBM technical support for assistance.**

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02037E *SOURCE* **Unable to delete array. Contact IBM technical support for assistance.**

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02038E *SOURCE* Unable to delete array. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02039E *SOURCE* Unable to delete array. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02040E *SOURCE* Unable to delete array. The array must be in an unassigned state.

Explanation

The array is still assigned. An assigned array cannot be deleted. Either ranks exist on the array, or a format operation is taking place. If you have already unassigned an array, it will enter an unavailable state, where it cannot be deleted, before it enters an unassigned state.

Action

Delete the ranks on the array, wait for the array to become unassigned, or wait until the format completes, and then resubmit the task.

CMUN02041E *SOURCE* Unable to create logical subsystem: device type must be CKD

Explanation

The specified device type must be count-key-data.

Action

Specify a CKD device type, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02042E *SOURCE* **Operation failure: configuration already exists****Explanation**

You are attempting to create a configuration that already exists.

Action

Specify a unique configuration, and then resubmit the task.

CMUN02043E *SOURCE* **Operation failure: internal database not open.
Contact IBM technical support for assistance.****Explanation**

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02044E *SOURCE* **Operation failure: unable to allocate memory.
Contact IBM technical support for assistance.****Explanation**

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02045E *SOURCE* **Operation failure: unable to allocate memory.
Contact IBM technical support for assistance.****Explanation**

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02046E *SOURCE* **Operation failure: unable to allocate memory.
Contact IBM technical support for assistance.****Explanation**

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02047E *SOURCE* Operation failure. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02048E *SOURCE* Operation failure. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02049E *SOURCE* Rank reconfiguration failure: memory allocation error. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02050E *SOURCE* Unable to repair array. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02051E *SOURCE* Unable to repair array. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02052E *SOURCE* Storage unit unavailable**Explanation**

An invalid or unknown storage unit is specified.

Action

Specify a valid and known storage unit.

CMUN02053E *SOURCE* Unable to create extent pool: maximum number of extent pools reached**Explanation**

The maximum allowed number of extent pools in the storage image has been reached already.

Action

Delete unused extent pools, and then resubmit the task.

CMUN02054E *SOURCE* Unable to repair array. Contact IBM technical support for assistance.**Explanation**

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02055E *SOURCE* Operation failure: unable to allocate memory**Explanation**

The management console server reports a storage unit microcode-level error. The storage unit is unable to allocate memory. This might be a temporary problem that occurs during heavy usage.

Action

Resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02056E *SOURCE* **Operation failure: unable to allocate memory****Explanation**

The management console server reports a storage unit microcode-level error. The storage unit is unable to allocate memory. This might be a temporary problem that occurs during heavy usage.

Action

Resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02057E *SOURCE* **Unable to assign rank to extent pool: The rank is not in the unassigned state.****Explanation**

The rank must be in the unassigned state before it can be assigned. This error occurs most frequently when configuration of a rank has been initiated, but has not yet completed.

Action

If the rank is in configuring state, wait until the rank status is changed to unassigned, and then resubmit the task. If the rank is in any other state, take the necessary steps to place it in the unassigned state, and then resubmit the task.

CMUN02058E *SOURCE* **Unable to assign rank to extent pool. Contact IBM technical support for assistance.****Explanation**

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02059E *SOURCE* **Unable to assign rank to extent pool. Contact IBM technical support for assistance.****Explanation**

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02060E *SOURCE* Unable to create extent pool. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02061E *SOURCE* Create logical subsystem failure. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02062E *SOURCE* Unable to modify SCSI host port: invalid host type

Explanation

The host type is longer than the 16-character maximum length.

Action

Specify a valid host type, and then resubmit the task.

CMUN02063E *SOURCE* Unable to create SCSI host port: invalid WWPN

Explanation

The worldwide port name is invalid. A WWPN must be a 16-character hexadecimal string.

Action

Specify a valid worldwide port name, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02064E *SOURCE* Unable to create SCSI host port: non-unique WWPN

Explanation

The worldwide port name is not unique.

Action

Specify a unique worldwide port name, and then resubmit the task.

CMUN02065E *SOURCE* **Operation failure: device adapter cannot query data**

Explanation

The management console server reports a storage unit microcode-level error. This might be a temporary problem due to heavy traffic, or it might indicate a hardware failure.

Action

Check for device adapter and storage device hardware errors, and follow the recommended service procedure. If the problem persists, contact IBM technical support for assistance.

CMUN02066E *SOURCE* **Operation failure: database creation error. Contact IBM technical support for assistance.**

Explanation

The management console server reports a storage unit microcode-level error. An internal database cannot be created.

Action

Contact IBM technical support for assistance.

CMUN02067E *SOURCE* **Unable to create SCSI host port. Contact IBM technical support for assistance.**

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02068E *SOURCE* **Unable to create SCSI host port: invalid volume group identifier**

Explanation

The specification contains an invalid volume group identifier.

Action

Specify a valid volume group identifier, and then resubmit the task.

CMUN02069E *SOURCE* **Unable to create SCSI host port: invalid profile**
Explanation

The port profile length cannot be more than 16 characters.

Action

Correct the port specification, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02070E *SOURCE* Unable to create SCSI host port: invalid WWPN

Explanation

The worldwide port name is invalid. A WWPN must be a 16-character hexadecimal string.

Action

Provide a valid worldwide port name, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02071E *SOURCE* Unable to create SCSI host port: invalid WWPN

Explanation

The worldwide port name is invalid. A WWPN must be a 16-character hexadecimal string.

Action

Provide a valid worldwide port name, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02072E *SOURCE* Unable to create SCSI host port: invalid override default priority

Explanation

The attribute value that indicates whether default priority for I/O operations can be overridden is invalid.

Action

Correct the port specification, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02073E *SOURCE* Unable to create volume group. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02074E *SOURCE* **Unable to create volume group: invalid user name****Explanation**

The specified user name is longer than the 16-character maximum length.

Action

Specify a valid user name, and then resubmit the task.

CMUN02075E *SOURCE* **Unable to delete extent pool. Contact IBM technical support for assistance.****Explanation**

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02076E *SOURCE* **Rank creation cannot complete. Contact IBM technical support for assistance.****Explanation**

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02077E *SOURCE* **Operation failure: addition. Contact IBM technical support for assistance.****Explanation**

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02078E *SOURCE* **Failed to initialize LPAR. Contact IBM technical support for assistance.****Explanation**

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02079E *SOURCE* Operation failure. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02080E *SOURCE* Unable to create array: The maximum number of arrays have been created.

Explanation

The array cannot be created because the maximum allowed number of arrays have been created already.

Action

Add additional storage or delete one or more existing arrays, and then resubmit the task.

CMUN02081E *SOURCE* Unable to create rank: The maximum number of ranks has been created.

Explanation

The rank cannot be created because the maximum allowed number of ranks has already been created.

Action

Add additional storage or delete one or more existing ranks, and then resubmit the task.

CMUN02082E *SOURCE* Unable to repair array. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02083E *SOURCE* Extent pool operation failure. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02084E *SOURCE* Unable to delete extent pool. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02085E *SOURCE* Unable to delete extent pool. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02086E *SOURCE* Unable to delete logical volume. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02087E *SOURCE* Unable to query rank. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02088E *SOURCE* **Unable to query rank. Contact IBM technical support for assistance.**

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02089E *SOURCE* **Failed to initialize LPAR. Contact IBM technical support for assistance.**

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02090E *SOURCE* **LPAR startup error. Contact IBM technical support for assistance.**

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02091E *SOURCE* **Failed to initialize LPAR. Contact IBM technical support for assistance.**

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02092E *SOURCE* Rank creation cannot complete. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02093E *SOURCE* Unable to create logical volume. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02094E *SOURCE* Failed to initialize LPAR. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02095E *SOURCE* Unable to create logical volume

Explanation

The specification contains an invalid combination of requested capacity, volume type, and data type.

Action

Correct the specification, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02096E *SOURCE* Unable to create logical volume

Explanation

The specification contains an invalid combination of requested capacity, volume type, and data type.

Action

Correct the specification, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02097E *SOURCE* **Unable to query rank. Contact IBM technical support for assistance.**

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02098E *SOURCE* **Unable to create logical volume. Contact IBM technical support for assistance.**

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02099E *SOURCE* **Unable to create volume group. Contact IBM technical support for assistance.**

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02100E *SOURCE* **Volume group operation failure. Contact IBM technical support for assistance.**

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02101E *SOURCE* Unable to query volume group. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02102E *SOURCE* Unable to delete logical volume. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02103E *SOURCE* Unable to assign volumes to volume group. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02104E *SOURCE* Unable to assign volume to volume group. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02105E *SOURCE* Unable to retrieve volumes assigned to volume group. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02106E *SOURCE* **Unable to retrieve volumes assigned to volume group. Contact IBM technical support for assistance.**

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02107E *SOURCE* **Unable to delete volume group. Contact IBM technical support for assistance.**

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02108E *SOURCE* **Unable to modify volume group**

Explanation

This volume group is internally reserved and cannot be modified.

Action

Specify a different volume group, and then resubmit the task.

CMUN02109E *SOURCE* **Unable to modify SCSI host port. Contact IBM technical support for assistance.**

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02110E *SOURCE* **Unable to modify SCSI host port: invalid address discovery method**

Explanation

You must specify how the port discovers the LUNs that are accessible by the host port. The host port can use one of two methods:

- The Report LUNs command
- LUN polling

Action

Specify a valid address discovery method, and then resubmit the task.

CMUN02111E *SOURCE* Unable to modify SCSI host port: invalid volume group type

Explanation

The volume group being assigned to the SCSI host port has an invalid type.

Action

Specify a volume group with a valid type, and then resubmit the task.

CMUN02112E *SOURCE* Unable to modify SCSI host port: invalid volume group ID

Explanation

The specification contains an invalid volume group identifier.

Action

Specify a valid volume group identifier, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02113E *SOURCE* Unable to modify SCSI host port: logical block size and volume group type mismatch

Explanation

A 520-byte block size requires a SCSI520-All or SCSI520-Mask volume group type.

Action

Specify a valid volume group type, and then resubmit the task.

CMUN02114E *SOURCE* Unable to modify SCSI host port: invalid logical block size

Explanation

The logical block size of the devices that the port accesses must be either 512-bytes or 520-bytes.

Action

Specify a valid logical block size, and then resubmit the task.

CMUN02115E *SOURCE* Unable to modify SCSI host port: logical block size and volume group type mismatch

Explanation

A 512-byte block size requires a SCSI-All, SCSI-Mask, or SCSI-Map 256 volume group type.

Action

Specify compatible logical block size and volume group type, and then resubmit the task.

CMUN02116E *SOURCE* Unable to modify SCSI host port: invalid port mask

Explanation

The management console server reports a storage unit microcode-level error. A mask that controls N-port logins contains an invalid value.

Action

Correct the port specification, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02117E *SOURCE* Unable to modify SCSI host port: invalid override default priority value

Explanation

The attribute that indicates whether the default priority for I/O operations is to be overridden is invalid. The value must be either true or false.

Action

Correct the port specification, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02118E *SOURCE* Unable to modify SCSI host port: invalid port profile

Explanation

The port profile length cannot be more than 16 characters.

Action

Correct the port specification, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02119E *SOURCE* Unable to modify SCSI host port: invalid port topology**Explanation**

The attaching port topology must be one of the following:

- Unknown
- Fibre Channel Point to Point or Switched (FCP)
- Fibre Channel Arbitrated Loop (FC-AL)

Action

Specify a valid attaching port topology, and then resubmit the task.

CMUN02120E *SOURCE* Unable to modify SCSI host port: address discovery method and volume group type mismatch**Explanation**

The Report LUNs address discovery method requires a SCSI-Mask, SCSI-Map 256, or SCSI520-Mask volume group type.

Action

Specify compatible address discovery method and volume group types, and then resubmit the task.

CMUN02121E *SOURCE* Unable to modify SCSI host port: address discovery method and volume group type mismatch**Explanation**

The LUN Polling address discovery method requires a SCSI-All, SCSI-Map 256, SCSI520-All, or Copy Services volume group type.

Action

Specify compatible address discovery method and volume group types, and then resubmit the task.

CMUN02122E *SOURCE* Unable to modify SCSI host port: invalid value**Explanation**

The management console server reports a storage unit microcode-level error. A mask that controls N-port logins contains an invalid value.

Action

Correct the port specification, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02123E *SOURCE* Unable to modify SCSI host port: nonexistent volume group

Explanation

The specified volume group does not exist.

Action

Specify a valid volume group, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02124E *SOURCE* Unable to modify SCSI host port. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02125E *SOURCE* Unable to start or end service. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02126E *SOURCE* Unable to repair array. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02127E *SOURCE* Unable to modify volume group. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02128E *SOURCE* Unable to open a session to query a logical volume. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02129E *SOURCE* Unable to open a session. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02130E *SOURCE* Unable to open a session. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02131E *SOURCE* Internal database overwrite failure: The database exists and overwrite is off. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error. Database overwrite permission is turned off for an existing database. The database cannot be overwritten.

Action

Contact IBM technical support for assistance.

CMUN02132E *SOURCE* Rank creation cannot complete. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02133E *SOURCE* Extent pool operation failure

Explanation

The management console server reports a storage unit microcode-level error.

Action

Check for device adapter and storage device hardware errors, and follow the recommended service procedure. If the problem persists, contact IBM technical support for assistance.

CMUN02134E *SOURCE* Rank operation failure. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02135E *SOURCE* Volume group query failure. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02136E *SOURCE* Unable to query volume groups: invalid volume number

Explanation

The specification contains an invalid volume identifier. A logical volume identifier must be a 4-character hexadecimal string.

Action

Specify a valid volume, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02137E *SOURCE* **Unable to assign rank to extent pool: type mismatch**

Explanation

The specified rank and extent pool must be the same type.

Action

Specify the same type for rank and extent pool, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02138E *SOURCE* **Unable to create rank. Contact IBM technical support for assistance.**

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02139E *SOURCE* **Unable to create rank. Contact IBM technical support for assistance.**

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02140E *SOURCE* **Unable to create rank. Contact IBM technical support for assistance.**

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02141E *SOURCE* The creation of the rank did not complete due to a device adapter failure.

Explanation

The creation of the rank did not complete successfully because of an error with a device adapter on the storage unit.

Action

Check the operation of the device adapters and retry the operation. If the problem persists, contact IBM technical support for assistance.

CMUN02142E *SOURCE* Rank creation did not complete. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02143E *SOURCE* Unable to create rank. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02144E *SOURCE* Rank creation has failed while collecting resource information.

Explanation

There might be insufficient resources in the array site to create a rank.

Action

Check for error log entries that refer to disk drive modules in the array site and perform the recommended service action. Resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02145E *SOURCE* Unable to create rank. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02146E *SOURCE* Rank creation failure: server unavailable. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02147E *SOURCE* Unable to repair array. Contact IBM technical support for assistance.

Explanation

The task must be invoked against a rank in the FAILED state. The rank is not in the FAILED state.

Action

Contact IBM technical support for assistance.

CMUN02148E *SOURCE* Unable to repair array. Contact IBM technical support for assistance.

Explanation

The task must be invoked against a rank in the inaccessible state. The rank is not in the inaccessible state.

Action

Contact IBM technical support for assistance.

CMUN02149E *SOURCE* Unable to repair array. Contact IBM technical support for assistance.

Explanation

The task must be invoked against a rank in the repairing_formatted state. The rank is not in the repairing_formatted state.

Action

Contact IBM technical support for assistance.

CMUN02150E *SOURCE* **Unable to delete rank. Contact IBM technical support for assistance.**

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02151E *SOURCE* **Unable to delete rank. Contact IBM technical support for assistance.**

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02152E *SOURCE* **Rank operation failure. Contact IBM technical support for assistance.**

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02153E *SOURCE* **Rank operation failure. Contact IBM technical support for assistance.**

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02154E *SOURCE* Rank operation failure. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02155E *SOURCE* Rank operation failure: device adapter error

Explanation

The management console server reports a storage unit microcode-level error.

Action

Check for device adapter and storage device hardware errors, and follow the recommended service procedure. If the problem persists, contact IBM technical support for assistance.

CMUN02156E *SOURCE* Unable to reconfigure rank. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02157E *SOURCE* Unable to reconfigure rank. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02158E *SOURCE* Unable to reconfigure rank: server offline

Explanation

The management console server reports a storage unit microcode-level error. A local server is not online. Microcode initialization might not have completed, or a failover has occurred and one server has not yet restarted.

Action

Monitor system status, and resubmit the task when both servers are online. If the problem persists, contact IBM technical support for assistance.

CMUN02159E *SOURCE* Rank reconfiguration failure: The rank is flagged to be serviced.

Explanation

The specified rank is flagged for service. A rank cannot be reconfigured while it is flagged for service.

Action

Wait until the service is completed, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02160E *SOURCE* Unable to reconfigure rank. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02161E *SOURCE* Unable to release rank. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02162E *SOURCE* Unable to reserve rank. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02163E *SOURCE* Rank operation failure. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02164E *SOURCE* Rank operation failure. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02165E *SOURCE* Unable to unassign rank. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02166E *SOURCE* Unable to reconfigure rank: The rank remains in the failed state. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02167E *SOURCE* Unable to release rank

Explanation

The rank is not reserved. Only reserved ranks can be released.

Action

Reserve the rank or choose a reserved rank, and then resubmit the task.

CMUN02168E *SOURCE* Unable to assign volumes to volume group**Explanation**

At least one of the volumes has an invalid data type for the specified volume group.

- A SCSI-Mask volume group requires a 512-byte block data type.
- A SCSI520-Mask volume group requires a 520-byte block protected data type or a 520-byte block unprotected data type.

Action

Specify volumes with compatible data types, and then resubmit the task.

CMUN02169E *SOURCE* Unable to assign volume to volume group. Contact IBM technical support for assistance.**Explanation**

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02170E *SOURCE* Unable to assign volume to volume group. Contact IBM technical support for assistance.**Explanation**

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02171E *SOURCE* Unable to assign volumes to volume group. Contact IBM technical support for assistance.**Explanation**

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02172E *SOURCE* Unable to assign volume to volume group**Explanation**

No rank has been created. At least one rank must exist before a volume can be created and assigned.

Action

Create at least one rank and volume, and then resubmit the task.

CMUN02173E *SOURCE* Unable to assign volume to volume group: data type mismatch

Explanation

The data type of the volume does not match the data type of the volume group.

- A SCSI-Mask volume group requires a 512-byte block data type.
- A SCSI520-Mask volume group requires a 520-byte block protected data type or a 520-byte block unprotected data type.

Action

Specify compatible data types, and then resubmit the task.

CMUN02174E *SOURCE* Unable to assign volume to volume group. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02175E *SOURCE* Unable to assign volume to volume group. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02176E *SOURCE* Unable to assign volume to volume group. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02177E *SOURCE* **Unable to assign volume to volume group****Explanation**

No rank has been created. At least one rank must exist before a volume can be created and assigned.

Action

Create at least one rank and volume, and then resubmit the task.

CMUN02178E *SOURCE* **Unable to reset Copy Services settings on logical subsystems. Contact IBM technical support for assistance.****Explanation**

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02179E *SOURCE* **Unable to reset Copy Services settings on logical subsystem. Contact IBM technical support for assistance.****Explanation**

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02180E *SOURCE* **Unable to reserve rank****Explanation**

The rank is not assigned. Only assigned ranks can be reserved.

Action

Assign the rank or choose an assigned rank, and then resubmit the task.

CMUN02181E *SOURCE* **Unable to modify SCSI host port. Contact IBM technical support for assistance.****Explanation**

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02182E *SOURCE* Unable to modify SCSI host port. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02183E *SOURCE* Unable to modify SCSI host port. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02184E *SOURCE* Unable to modify SCSI host port. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02185E *SOURCE* Unable to retrieve volumes assigned to the volume group. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02186E *SOURCE* Unable to retrieve volumes assigned to volume group. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02187E *SOURCE* **Unable to retrieve volumes assigned to the volume group: no ranks exist**

Explanation

No ranks exist on the storage image. Volume information is not available.

Action

Create at least one rank and volume on the storage image, and then resubmit the task.

CMUN02188E *SOURCE* **Unable to retrieve volumes assigned to volume group. Contact IBM technical support for assistance.**

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02189E *SOURCE* **Unable to retrieve volumes assigned to volume group. Contact IBM technical support for assistance.**

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02190E *SOURCE* **Unable to assign volume to volume group**

Explanation

No rank has been created. At least one rank must exist before a volume can be created and assigned.

Action

Create at least one rank and volume, and then resubmit the task.

CMUN02191E *SOURCE* Unable to modify volume group. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02192E *SOURCE* Unable to query rank. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02193E *SOURCE* Operation failure. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02194E *SOURCE* Unable to create SCSI host port: invalid port profile

Explanation

The port profile is not a supported port profile.

Action

Specify a valid and supported port profile, and then resubmit the task.

CMUN02195E *SOURCE* Operation failure. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02196E *SOURCE* **SCSI host port operation failure. Contact IBM technical support for assistance.**

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02197E *SOURCE* **Unable to modify SCSI host port: invalid port profile**

Explanation

The port profile is not a supported port profile.

Action

Specify a valid and supported port profile, and then resubmit the task.

CMUN02198E *SOURCE* **Unable to create, modify, or delete SCSI host port: local server offline**

Explanation

The management console server reports a storage unit microcode-level error. A local server is not online. Microcode initialization might not have completed, or a failover has occurred and one server has not yet restarted.

Action

Monitor system status, and resubmit the task when both servers are online. If the problem persists, contact IBM technical support for assistance.

CMUN02199E *SOURCE* **Unable to repair array. Contact IBM technical support for assistance.**

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02200E *SOURCE* Unable to query volume groups. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02201E *SOURCE* Unable to assign volumes to volume group. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02202E *SOURCE* Unable to assign volumes to volume group. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02203E *SOURCE* Unable to create, modify, or delete volume group: version update. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02204E *SOURCE* Volume group query failure. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02205E *SOURCE* Rank operation failure. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02206E *SOURCE* Unable to unassign rank

Explanation

Only ranks in the reserved state can be unassigned. The rank is not in the reserved state.

Action

Place the rank in the reserved state, or choose a reserved rank, and then resubmit the task.

CMUN02207E *SOURCE* Unable to unassign rank. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02208E *SOURCE* Unable to unassign rank: Extents are allocated to logical volumes.

Explanation

Extents from the specified rank are allocated to logical volumes. The rank cannot be deleted while storage is allocated from it. You must remove the volumes to deallocate the extents.

Action

Deallocate all extents from the rank by removing any volumes that use the extents, and then resubmit the task.

CMUN02209E *SOURCE* Unable to delete SCSI host port. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02210E *SOURCE* Unable to delete SCSI host port. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02211E *SOURCE* Unable to delete volume group. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02212E *SOURCE* Unable to delete volume group: The volume group is still assigned to a SCSI host port.

Explanation

The volume group cannot be deleted because it is assigned to one or more host ports.

Action

Unassign the volume group from the host ports, and then resubmit the task.

CMUN02213E *SOURCE* Unable to delete volume group. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02214E *SOURCE* Unable to delete volume group**Explanation**

The specified volume group is internally reserved and cannot be deleted.

Action

Select another volume group, and resubmit the task.

**CMUN02215E *SOURCE* Unable to retrieve volume group information.
Contact IBM technical support for assistance.****Explanation**

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

**CMUN02216E *SOURCE* Unable to modify volume group. Contact IBM
technical support for assistance.****Explanation**

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

**CMUN02217E *SOURCE* Operation failure. Contact IBM technical support
for assistance.****Explanation**

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

**CMUN02218E *SOURCE* Operation failure. Contact IBM technical support
for assistance.****Explanation**

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02219E *SOURCE* Unable to create or delete volume group: local server offline

Explanation

The management console server reports a storage unit microcode-level error. A local server is not online. Microcode initialization might not have completed, or a failover has occurred and one server has not yet restarted.

Action

Monitor system status, and resubmit the task when both servers are online. If the problem persists, contact IBM technical support for assistance.

CMUN02220E *SOURCE* Unable to retrieve or assign volumes assigned to volume group: local server offline

Explanation

The management console server reports a storage unit microcode-level error. A local server is not online. Microcode initialization might not have completed, or a failover has occurred and one server has not yet restarted.

Action

Monitor system status, and resubmit the task when both servers are online. If the problem persists, contact IBM technical support for assistance.

CMUN02221E *SOURCE* Unable to retrieve or assign volumes assigned to volume group: local server offline

Explanation

The management console server reports a storage unit microcode-level error. A local server is not online. Microcode initialization might not have completed, or a failover has occurred and one server has not yet restarted.

Action

Monitor system status, and resubmit the task when both servers are online. If the problem persists, contact IBM technical support for assistance.

CMUN02222E *SOURCE* Operation failure. No ranks exist. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02223E *SOURCE* **Unable to repair array. Contact IBM technical support for assistance.**

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02224E *SOURCE* **Unable to create volume group: invalid volume group type**

Explanation

The specified volume group type is invalid. The following volume group types are valid:

- SCSI-Mask
- SCSI-Map 256
- SCSI520-Mask
- Copy Services

Action

Specify a valid volume group type, and then resubmit the task.

CMUN02225E *SOURCE* **Unable to assign rank to extent pool. Contact IBM technical support for assistance.**

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02226E *SOURCE* **Unable to end service: Management console is not authorized. Contact IBM technical support for assistance.**

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02227E *SOURCE* Unable to create logical volume: The data type of the logical volume is incompatible with the extent type of its extent pool.

Explanation

The data type of a logical volume must be compatible with the extent type of its extent pool.

Action

Specify compatible types. Either specify a different data type for the logical volume, or specify a different extent pool. If the problem persists, contact IBM technical support for assistance.

CMUN02228E *SOURCE* Rank creation cannot complete.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Check for device adapter and storage device hardware errors, and follow the recommended service procedure. If the problem persists, contact IBM technical support for assistance.

CMUN02229E *SOURCE* Unable to create logical volume: Data type is incompatible with data type of other volumes in address group.

Explanation

The data type of the logical volume must be the same as the data type of other logical volumes in the address group.

Action

Specify the same data type or a different address group, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02230E *SOURCE* Rank definition failure: extent type mismatch

Explanation

The extent types that are specified for the rank and its extent pool do not match.

Action

Specify the same extent type for the rank and its extent pool, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02231E *SOURCE* **Unable to create logical volume: rank group and logical subsystem group mismatch****Explanation**

A logical volume is created from an extent pool in a rank group. The logical volume is also a member of a logical subsystem group. The rank group identifier and the logical subsystem group identifier must be identical.

Action

Specify the same identifier for the rank group and the logical subsystem group. One way to do this is by specifying a different extent pool. If the problem persists, contact IBM technical support for assistance.

CMUN02232E *SOURCE* **Unable to create logical subsystem: device type mismatch****Explanation**

The device type of the new logical subsystem is inconsistent with the device type of existing logical subsystems in the address group.

Action

Specify consistent device types, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02233E *SOURCE* **Logical volume operation failure: inconsistent starting and ending logical volume numbers****Explanation**

The starting logical volume and the ending logical volume must belong to the same logical subsystem.

Action

Specify the same logical subsystem for the starting and ending logical volumes, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02234E *SOURCE* **Unable to create logical subsystem: device type format error****Explanation**

The device type length must be less than 4 characters.

Action

Specify a valid device type, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02235E *SOURCE* **Unable to create or modify logical subsystem:
invalid format**

Explanation

A logical subsystem identifier must be 2 hexadecimal characters.

Action

Specify a 2-hexadecimal character logical subsystem ID, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02236E *SOURCE* **Unable to create or modify logical subsystem:
invalid format**

Explanation

A logical subsystem identifier must be 2 hexadecimal characters.

Action

Specify a 2 hexadecimal character logical subsystem ID, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02237E *SOURCE* **Unable to create array: The RAID type is neither
RAID5 nor RAID10.**

Explanation

The RAID type must be either RAID5 or RAID10.

Action

Specify a RAID5 or RAID10 type, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02238E *SOURCE* **Unable to create or modify logical volume:
invalid number**

Explanation

A logical volume number must be a 4-digit hexadecimal number.

Action

Specify a 4-digit hexadecimal logical volume number, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02239E *SOURCE* **Unable to create or modify logical volume:
invalid volume number**

Explanation

A logical volume number must be a 4-digit hexadecimal number.

Action

Specify a 4-digit hexadecimal logical volume number, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02240E *SOURCE* **Unable to create logical volume: invalid volume
type**

Explanation

The specification contains an invalid volume type.

Action

Specify a valid logical volume type, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02241E *SOURCE* **Service intent is not currently set. Reset
ignored. Contact IBM technical support for assistance.**

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02242E *SOURCE* **Unable to create rank: Array is not unassigned.**

Explanation

The specification contains a reference to an assigned array. The rank must be created on an unassigned array.

Action

Specify an unassigned array, and then resubmit the task.

CMUN02243E *SOURCE* **Unable to create or modify logical subsystem**

Explanation

The specification contains an invalid CKD base control unit value.

Action

Specify a valid value, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02244E *SOURCE* Logical volume operation failure: invalid data type. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02245E *SOURCE* Unable to create extent pool: invalid extent limit enabled value

Explanation

The specification contains an invalid parameter value. The value for extent limit enabled is neither true nor false.

Action

Correct the specification, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02246E *SOURCE* Unable to create extent pool: invalid extent limit

Explanation

The specification contains an invalid parameter value. The value for extent limit is not between 0 and 100.

Action

Correct the specification, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02247E *SOURCE* Unable to create extent pool: invalid extent threshold

Explanation

The specification contains an invalid parameter value. The value for extent threshold is not between 0 and 100.

Action

Correct the specification, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02248E *SOURCE* **Unable to modify extent pool: invalid extent threshold**

Explanation

The specification contains an invalid extent threshold value.

Action

Correct the specification, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02249E *SOURCE* **Unable to create extent pool: invalid extent type**

Explanation

The specification contains an invalid extent type.

Action

Specify a valid extent type, and then resubmit the task.

CMUN02250E *SOURCE* **Unable to create or modify extent pool: invalid user name**

Explanation

The specification contains a user name that exceeds the 16-character limit.

Action

Specify a valid user name, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02251E *SOURCE* **Unable to modify extent pool: invalid extent limit enabled value**

Explanation

The specification contains an invalid extent limit enabled value.

Action

Correct the specification, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02252E *SOURCE* **Unable to modify extent pool: invalid extent limit**

Explanation

The specification contains an invalid extent limit value.

Action

Correct the specification, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02253E *SOURCE* Unable to start or end service: invalid management console ID. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02254E *SOURCE* Unable to create or modify logical volume: invalid user name

Explanation

The specified user name is longer than the 16-character maximum length.

Action

Specify a valid user name, and then resubmit the task.

CMUN02255E *SOURCE* Unable to create or modify logical subsystem: invalid logical subsystem identifier format

Explanation

The logical subsystem identifier must be a 4-character hexadecimal number.

Action

Specify a valid subsystem identifier, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02256E *SOURCE* Unable to create or modify logical subsystem: invalid logical subsystem identifier length

Explanation

The subsystem identifier must be 4 characters long.

Action

Specify a valid subsystem identifier, and then resubmit the task.

CMUN02257E *SOURCE* Logical subsystem query failure: invalid LSS ID**Explanation**

A logical subsystem ID is a hexadecimal value of the range (0 - FF).

Action

Specify a valid identifier for the logical subsystem, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02258E *SOURCE* Unable to delete extent pool: ranks are assigned**Explanation**

Ranks are assigned to the extent pool. The extent pool cannot be deleted while ranks are assigned to it.

Action

Unassign the ranks, and then resubmit the task.

CMUN02259E *SOURCE* Unable to start or end service: invalid parameters. Contact IBM technical support for assistance.**Explanation**

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02260E *SOURCE* Operation failure: invalid RAID type or number of spares. Contact IBM technical support for assistance.**Explanation**

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02261E *SOURCE* Unable to create extent pool: invalid rank group**Explanation**

The specification contains an invalid rank group.

Action

Specify a valid rank group, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02262E *SOURCE* **Unable to create volumes: invalid volume type****Explanation**

The specification contains an invalid volume type. The following volume types are supported, but you might be limited to a subset of these by other factors in your storage definition:

CKD base:

- 3380 cylinder
- 3390 cylinder

CKD single-CU alias

Fixed block base:

- 512-byte block
- 520-byte block unprotected
- 520-byte block protected

Action

Specify a valid volume type, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02263E *SOURCE* **Unable to create or delete extent pool: local server offline****Explanation**

The management console server reports a storage unit microcode-level error. A local server is not online. Microcode initialization might not have completed, or a failover has occurred and one server has not yet restarted.

Action

Monitor system status, and resubmit the task when both servers are online. If the problem persists, contact IBM technical support for assistance.

CMUN02264E *SOURCE* **Unable to end service: lock still held by other management console****Explanation**

Service has been initiated by two management consoles. The other management console holds a lock.

Action

Release the service intent lock from the other management console, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02265E *SOURCE* **Logical volume operation failure: not supported****Explanation**

The requested operation is not supported. This might be because the specified logical volume is an alias.

Action

Specify a base logical volume, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02266E *SOURCE* **Unable to modify logical subsystem: not a CKD volume****Explanation**

The specification attributes a count-key-data value to a fixed block logical subsystem.

Action

Change the specification or select a count-key-data logical subsystem, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02267E *SOURCE* **Unable to create or modify logical subsystem: identifier already in use****Explanation**

The specification contains a logical subsystem identifier that is already in use.

Action

Specify a unique identifier for the logical subsystem, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02268E *SOURCE* **Unable to create or modify logical subsystem: identifier must be nonzero****Explanation**

The specification does not contain a logical subsystem identifier, or the identifier is zero. A nonzero identifier is required.

Action

Specify a nonzero identifier for the logical subsystem, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02269E *SOURCE* Unable to modify logical subsystem: identifier only for CKD

Explanation

The specified subsystem identifier is reserved for count-key-data type logical subsystems. The specified logical subsystem is fixed block and cannot be modified in this manner.

Action

Specify a CKD logical subsystem, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02270E *SOURCE* Unable to create a new SCSI host port: maximum count reached

Explanation

The maximum number of SCSI host ports has been created. No more SCSI host ports can be created.

Action

Use an existing SCSI host port or delete an existing SCSI host port, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02271E *SOURCE* Unable to create SCSI host port. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02272E *SOURCE* SCSI host port operation failure. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02273E *SOURCE* Unable to modify SCSI host port. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02274E *SOURCE* Unable to delete SCSI host port. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02275E *SOURCE* Unable to create logical volume: volume type and data type mismatch

Explanation

The specification contains inconsistent volume type and data type information.

Action

Specify consistent volume and data types, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02276E *SOURCE* Unable to delete rank. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02277E *SOURCE* Alias volume creation failure: no logical subsystem exists

Explanation

A logical subsystem must exist before multiple alias volumes can be created.

Action

Create a logical subsystem, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02278E *SOURCE* Operation failure: name is not unique

Explanation

The specification contains a name that is already being used.

Action

Specify a unique name, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02279E *SOURCE* Operation failure: unknown storage unit

Explanation

The specification contains a reference to an unknown storage unit.

Action

Specify a valid storage unit, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02280E *SOURCE* Unable to assign rank to extent pool: The extent pool does not exist.

Explanation

The specification contains a reference to an invalid extent pool.

Action

Specify a valid extent pool, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02281E *SOURCE* Rank operation failure. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02282E *SOURCE* Unable to create CKD logical volume: CKD volumes require a CKD logical subsystem.

Explanation

You must create a count-key-data type logical subsystem before you can create count-key-data type volumes.

Action

Create a CKD logical subsystem, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02283E *SOURCE* Unable to create CKD alias logical volume: no base volume exists.

Explanation

The specification contains a reference to a nonexistent base volume. A count-key-data alias can be created for existing base volumes only.

Action

Specify a valid base volume that is contained within the same logical subsystem, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02284E *SOURCE* Logical subsystem operation failure: logical subsystem does not exist.

Explanation

The specification contains a reference to a nonexistent logical subsystem.

Action

Specify an existing logical subsystem, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02285E *SOURCE* Unable to create rank: array does not exist.

Explanation

The specification contains a reference to a nonexistent array.

Action

Specify an existing array, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02286E *SOURCE* Rank operation failure: extent pool does not exist.

Explanation

The specification contains a reference to a nonexistent extent pool.

Action

Specify an existing extent pool, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02287E *SOURCE* Rank operation failure: rank does not exist.

Explanation

The specification contains a reference to a nonexistent rank.

Action

Specify an existing rank, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02288E *SOURCE* Rank operation failure: rank does not exist.

Explanation

The specification contains a reference to a nonexistent rank.

Action

Specify an existing rank, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02289E *SOURCE* Rank operation failure: rank does not exist.

Explanation

The specification contains a reference to a nonexistent rank.

Action

Specify an existing rank, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02290E *SOURCE* Unable to create logical volume: extent pool does not exist.

Explanation

The specification contains a reference to a nonexistent extent pool.

Action

Specify an existing extent pool, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02291E *SOURCE* **Unable to start service: device adapter pair is configuring.**

Explanation

Service intent cannot be set while a device on the adapter pair is still configuring.

Action

Wait until the device configuration completes, and then resubmit the task.

CMUN02292E *SOURCE* **XML parse error. Contact IBM technical support for assistance.**

Explanation

The management console server reports a storage unit microcode-level error. An xml file cannot be parsed.

Action

Contact IBM technical support for assistance.

CMUN02293E *SOURCE* **Operation failure. Contact IBM technical support for assistance.**

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02294E *SOURCE* **Unable to delete logical volume. Contact IBM technical support for assistance.**

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02295E *SOURCE* Unable to delete logical volume. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02296E *SOURCE* Unable to delete logical volume.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Resubmit the deletion task. If the problem persists, contact IBM technical support for assistance.

CMUN02297E *SOURCE* Unable to create logical volume: FB volumes must have a data type.

Explanation

The specification for a fixed block logical volume does not contain a data type. Fixed block logical volumes must have one of the following data types:

- 512-byte block
- 520-byte block unprotected
- 520-byte block protected

Action

Specify a data type, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02298E *SOURCE* Unable to create logical volume: FB volumes must have an extent pool.

Explanation

The logical volume specification does not contain an extent pool. Fixed block logical volumes must have an extent pool from which their extents are allocated.

Action

Specify an extent pool, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02299E *SOURCE* Unable to create logical volume: FB volumes must have a requested capacity.

Explanation

The logical volume specification does not contain a requested capacity.

Action

Specify a requested capacity, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02300E *SOURCE* Rank operation failure. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02301E *SOURCE* Rank operation failure. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02302E *SOURCE* Rank operation failure. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02303E *SOURCE* Rank operation failure. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02304E *SOURCE* Unable to create array: memory allocation error.
Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02305E *SOURCE* Operation failure: SCSI host port already exists.

Explanation

The specified SCSI host port already exists.

Action

Specify a new SCSI host port, and then resubmit the task.

CMUN02306E *SOURCE* Unable to create, modify, or delete logical volume: service intent is set on extent pool.

Explanation

The extent pool is flagged to be serviced. No operations can be performed on extent pool objects while it is flagged for service.

Action

Wait until service is completed on the extent pool, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02307E *SOURCE* Unable to create logical volume

Explanation

The specification contains an invalid combination of requested capacity, volume type, and data type.

Action

Correct the specification, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02308E *SOURCE* **Query failure: logical subsystem does not exist.****Explanation**

The specification contains a reference to a nonexistent logical subsystem.

Action

Specify an existing logical subsystem, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02309E *SOURCE* **Unable to modify logical volume: volume type and data type mismatch****Explanation**

A fixed block type logical volume must have a fixed block data type. A count-key-data type logical volume must have a count-key-data data type.

Action

Specify a valid data type for the logical volume, and then resubmit the task.

CMUN02310E *SOURCE* **Unable to add logical volume to the logical subsystem (LSS).****Explanation**

The management console server reports a storage unit microcode-level error.

Action

Ensure that the LSS is correct and that it does not already contain the maximum number of logical volumes. If the problem persists, contact IBM technical support for assistance.

CMUN02311E *SOURCE* **Unable to create logical subsystem. Contact IBM technical support for assistance.****Explanation**

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02312E *SOURCE* **Unable to delete logical subsystem. Contact IBM technical support for assistance.****Explanation**

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02313E *SOURCE* Unable to delete logical subsystem. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02314E *SOURCE* Unable to modify logical volume. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02315E *SOURCE* Unable to modify logical subsystem. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02316E *SOURCE* Logical subsystem query failure. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02317E *SOURCE* **Unable to delete CKD base logical volume: alias assigned**

Explanation

At least one alias is assigned to the count-key-data base logical volume. Aliases must be deleted before the count-key-data base logical volume can be deleted.

Action

Remove the aliases, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02318E *SOURCE* **Unable to create rank: Too many arrays are specified.**

Explanation

The management console server reports a storage unit microcode-level error. Only one array can be specified.

Action

Specify one array, and then resubmit the task.

CMUN02319E *SOURCE* **Unable to repair array. Contact IBM technical support for assistance.**

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02320E *SOURCE* **Unable to create rank: Service intent is set on the array.**

Explanation

An array required for the operation has been flagged to be serviced. The array cannot be used while the service flag is set.

Action

Wait until service is completed on the array, and then resubmit the task.

CMUN02321E *SOURCE* **Unable to repair array: Service intent is set.**

Explanation

The array has been flagged to be serviced. The array cannot be used while the service flag is set.

Action

Wait until service is completed on the array, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02322E *SOURCE* **Unable to repair array: Service intent is set.**

Explanation

The array has been flagged to be serviced. The array cannot be used while the service flag is set.

Action

Wait until service is completed on the array, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02323E *SOURCE* **Unable to assign rank to extent pool: Service intent is set on the storage complex.**

Explanation

The storage complex has been flagged to be serviced. No activities can be performed on objects in the storage complex while the service flag is set.

Action

Wait until service is completed on the storage complex, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02324E *SOURCE* **Unable to assign rank to extent pool: Service intent is set.**

Explanation

The rank has been flagged to be serviced. No activities can be performed on the rank while the service flag is set.

Action

Wait until service is completed on the rank, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02325E *SOURCE* **Unable to create rank: not in dual server mode**

Explanation

The management console server reports a storage unit microcode-level error. A local server is not online. Microcode initialization might not have completed, or a failover has occurred and one server has not yet restarted.

Action

Monitor system status, and resubmit the task when both servers are online. If the problem persists, contact IBM technical support for assistance.

CMUN02326E *SOURCE* **Unable to release rank: Service intent is set.****Explanation**

The rank has been flagged to be serviced. No activities can be performed on the rank while the service flag is set.

Action

Wait until service is completed on the rank, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02327E *SOURCE* **Unable to reserve rank: Service intent is set.****Explanation**

The rank has been flagged to be serviced. No activities can be performed on the rank while the service flag is set.

Action

Wait until service is completed on the rank, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02328E *SOURCE* **Unable to unassign rank: Service intent is set.****Explanation**

The rank has been flagged to be serviced. No activities can be performed on the rank while the service flag is set.

Action

Wait until service is completed on the rank, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02329E *SOURCE* **Unable to delete rank: not in dual server mode****Explanation**

The management console server reports a storage unit microcode-level error. A local server is not online. Microcode initialization might not have completed, or a failover has occurred and one server has not yet restarted.

Action

Monitor system status, and resubmit the task when both servers are online. If the problem persists, contact IBM technical support for assistance.

CMUN02330E *SOURCE* **Unable to repair array: Service intent is set.****Explanation**

The array has been flagged to be serviced. No activities can be performed on the array while the service flag is set.

Action

Wait until service is completed on the array, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02331E *SOURCE* Unable to delete rank

Explanation

The management console server reports a storage unit device adapter error.

Action

Contact IBM technical support for assistance.

CMUN02332E *SOURCE* Unable to delete rank. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit device adapter error.

Action

Contact IBM technical support for assistance.

CMUN02333E *SOURCE* Unable to delete rank: Service intent is set.

Explanation

The rank has been flagged to be serviced. No activities can be performed on the rank while the service flag is set.

Action

Wait until service is completed on the rank, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02334E *SOURCE* Unable to unfence volume through rank: Service intent is set.

Explanation

The rank has been flagged to be serviced. No activities can be performed on the rank or volumes within the rank while the service flag is set.

Action

Wait until service is completed on the rank, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02335E *SOURCE* **Unable to create volumes: volume type must be specified****Explanation**

No volume type has been specified for the volumes. The following volume types are supported, but you might be limited to a subset of these by other factors in your storage definition:

CKD base:

- 3380 cylinder
- 3390 cylinder

CKD single-CU alias

Fixed block base:

- 512-byte block
- 520-byte block unprotected
- 520-byte block protected

Action

Specify a valid volume type, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02336E *SOURCE* **Unable to rebuild array. Contact IBM technical support for assistance.****Explanation**

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02337E *SOURCE* **Unable to create or modify logical volume: CKD base logical volume does not exist.****Explanation**

The specified logical volume does not exist or it is not a count-key-data base volume.

Action

Create the base logical volume or specify a different base logical volume, and then resubmit the task.

CMUN02338E *SOURCE* Delete SCSI host port operation stopped. Previous attempt failed. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error. A list of SCSI host ports is specified to be deleted. Because a previous deletion failed, successive deletions in the list have stopped.

Action

Contact IBM technical support for assistance.

CMUN02339E *SOURCE* Delete volume group operation stopped. Previous attempt failed. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error. A list of volume groups are specified to be deleted. Because a previous deletion failed, successive deletions in the list have stopped.

Action

Contact IBM technical support for assistance.

CMUN02340E *SOURCE* Array site operation failure: The array site is used in another array.

Explanation

The specified array site is used in other array.

Action

Specify an unused array site, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02341E *SOURCE* Logical subsystem configuration error. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02342E *SOURCE* **Unable to delete last rank. Logical subsystem exists.**

Explanation

The last rank cannot be deleted because one or more logical subsystems still exist.

Action

Delete all logical subsystems, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02343E *SOURCE* **Unable to create logical subsystem: local server offline**

Explanation

The management console server reports a storage unit microcode-level error. A local server is not online. Microcode initialization might not have completed, or a failover has occurred and one server has not yet restarted.

Action

Monitor system status, and resubmit the task when both servers are online. If the problem persists, contact IBM technical support for assistance.

CMUN02344E *SOURCE* **Unable to delete logical subsystem: local server offline**

Explanation

The management console server reports a storage unit microcode-level error. A local server is not online. Microcode initialization might not have completed, or a failover has occurred and one server has not yet restarted.

Action

Monitor system status, and resubmit the task when both servers are online. If the problem persists, contact IBM technical support for assistance.

CMUN02345E *SOURCE* **Unable to create logical volume: local server offline**

Explanation

The management console server reports a storage unit microcode-level error. A local server is not online. Microcode initialization might not have completed, or a failover has occurred and one server has not yet restarted.

Action

Monitor system status, and resubmit the task when both servers are online. If the problem persists, contact IBM technical support for assistance.

CMUN02346E *SOURCE* Unable to create logical volume: logical subsystem not in correct state. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error. The logical volume cannot be created because its logical subsystem is not in the correct state.

Action

Contact IBM technical support for assistance.

CMUN02347E *SOURCE* Unable to delete logical volume: local server offline

Explanation

The management console server reports a storage unit microcode-level error. A local server is not online. Microcode initialization might not have completed, or a failover has occurred and one server has not yet restarted.

Action

Monitor system status, and resubmit the task when both servers are online. If the problem persists, contact IBM technical support for assistance.

CMUN02348E *SOURCE* Operation failure: logical subsystem not in correct state. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02349E *SOURCE* Unable to modify logical volume: incorrect state. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02350E *SOURCE* Logical volume operation failure: incorrect state. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02351E *SOURCE* Logical volume operation failure: Base volume is in incorrect state.

Explanation

The logical volume operation fails because its base logical volume is not in the correct state.

Action

Change the configuration state of the base logical volume, or wait until its configuration completes, and then resubmit the task.

CMUN02352E *SOURCE* Operation failure. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02353E *SOURCE* Operation failure. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02354E *SOURCE* Operation failure. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02355E *SOURCE* **Unable to delete SCSI host port. Contact IBM technical support for assistance.**

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02356E *SOURCE* **Unable to create SCSI host port: invalid user host description**

Explanation

The SCSI host port specification contains an invalid user host description. The SCSI host port cannot be created.

Action

Correct the specification, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02357E *SOURCE* **Unable to create SCSI host port: invalid user host name**

Explanation

The SCSI host port specification contains an invalid user host name. The SCSI host port cannot be created.

Action

Correct the specification, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02358E *SOURCE* **Unable to modify SCSI host port: invalid user host description**

Explanation

The SCSI host port specification contains an invalid user host description. The SCSI host port cannot be modified.

Action

Correct the specification, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02359E *SOURCE* **Unable to modify SCSI host port: invalid user host name**

Explanation

The SCSI host port specification contains an invalid user host name. The SCSI host port cannot be modified.

Action

Correct the specification, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02360E *SOURCE* **Unable to add logical volume to volume group: invalid parameter**

Explanation

The operation to add the logical volume to the volume group fails because an invalid parameter is detected.

Action

Correct the specification, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02361E *SOURCE* **Unable to modify volume group: invalid user name**

Explanation

The volume group cannot be modified because the user name that is provided is invalid.

Action

Use a valid user name with appropriate permissions, and then resubmit the task.

CMUN02362E *SOURCE* **Unable to query volume groups: incorrect volume configuration. Contact IBM technical support for assistance.**

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02363E *SOURCE* **Unable to query volume groups: invalid parameter. Contact IBM technical support for assistance.**

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02364E *SOURCE* Unable to query volume groups: volume does not exist. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02365E *SOURCE* Unable to remove logical volume from volume group: invalid parameter. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02366E *SOURCE* Volume group operation failure: local server offline

Explanation

The management console server reports a storage unit microcode-level error. A local server is not online. Microcode initialization might not have completed, or a failover has occurred and one server has not yet restarted.

Action

Monitor system status, and resubmit the task when both servers are online. If the problem persists, contact IBM technical support for assistance.

CMUN02367E *SOURCE* Volume group operation failure: incorrect volume configuration. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02368E *SOURCE* Volume group operation failure: volume does not exist. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02369E *SOURCE* Volume group operation failure. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02370E *SOURCE* Volume group operation failure: incorrect volume configuration. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02371E *SOURCE* Volume group operation failure: invalid parameter. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02372E *SOURCE* Volume group operation failure: volume does not exist. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02373E *SOURCE* Volume group operation failure: invalid parameter. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02374E *SOURCE* Unable to delete volume group. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02375E *SOURCE* Volume group operation failure. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02376E *SOURCE* Unable to modify logical volume: invalid data type

Explanation

The logical volume cannot be modified because the specification contains an invalid data type.

Action

Specify a valid data type, and the resubmit the task.

CMUN02377E *SOURCE* **Error: inconsistent alias and base logical volume numbers**

Explanation

The first two digits of an alias logical volume number and its base logical volume number must be identical.

Action

Specify consistent alias and base logical volume numbers, and then resubmit the task.

CMUN02378E *SOURCE* **Error: A volume of this type cannot have an alias volume group.**

Explanation

An alias volume group is specified for a volume type that does not support the specification of aliases.

Action

Correct the specification, and then resubmit the task.

CMUN02379E *SOURCE* **Error: A volume of this type cannot have a base logical volume number.**

Explanation

A base logical volume number is specified for a volume type that does not support the specification of base logical volumes.

Action

Correct the specification, and then resubmit the task.

CMUN02380E *SOURCE* **Unable to create array. Array sites must be in the same loop.**

Explanation

Array creation across loops is not supported. The specified array sites are not in the same loop, and an array cannot be created using these array sites.

Action

Specify arrays that are in the same loop, and then resubmit the task.

CMUN02381E *SOURCE* Unable to repair array. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02382E *SOURCE* Unable to repair array. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02383E *SOURCE* Unable to create, delete, or modify logical subsystem resources. Resource manager unavailable on alternate server. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02384E *SOURCE* Operation failure: invalid file type. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error. A configuration file is not the correct file type.

Action

Contact IBM technical support for assistance.

CMUN02385E *SOURCE* Unable to modify network port: The specified IP address is invalid. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error. An invalid IP address is specified.

Action

Contact IBM technical support for assistance.

CMUN02386E *SOURCE* Unable to modify network port: The specified network is invalid. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error. An invalid network is specified.

Action

Contact IBM technical support for assistance.

CMUN02387E *SOURCE* Unable to create array. At least one and no more than two array sites must be specified.

Explanation

You must specify at least one and no more than two array sites when you create RAID5 or RAID10 arrays.

Action

Specify one or two array sites, and then resubmit the task.

CMUN02388E *REFERENCE* Invalid logical volume size. See the help text for this message for valid sizes.

Explanation

The specified volume size is not supported on all platforms. Supported logical volume sizes are microcode level dependent.

For DS microcode levels 5.0.3 and above:

- Supported Enterprise Storage System (ESS) logical volume sizes range from 0.1 to 982.2 decimal gigabytes (1GB = 10^9 bytes). You can calculate the exact number of 512 byte blocks as $\text{INT}((\text{INT}(\text{GB} \times 10^9 / 512) + 63) / 64) \times 64$. The size of the volume that is created on the ESS is identical to the size of the volume that is created on the DS.
- Supported DS logical volume sizes range from 1 to 2048 binary gigabytes (1GB = 2^{30} bytes). This allocation uses the storage capacity of DS systems most efficiently.
- Supported block logical volume sizes range from 1 to 4 binary gigablocks (1 gigablock = 2^{30} 512-byte blocks). If a specified size matches a supported DS or ESS logical volume size, the volume is identified as a DS or ESS logical volume, even though it is created by specifying the blocks volume type.
- Supported iSeries logical volume sizes are expressed in decimal gigabytes (1GB = 10^9 bytes): A0 (8.6 GB protected) A81 (8.6GB, unprotected) A02 (17.5 GB protected) A82 (17.5 GB unprotected) A04 (70.5 GB protected) A84 (70.5 GB

unprotected) A05 (35.1 GB protected) A85 (35.1 GB unprotected) A06 (141.12 GB protected) A86 (141.12 GB unprotected) A07 (282.25 GB protected) A87 (282.25 GB unprotected)

For DS microcode levels 5.0.1 and 5.0.2, block logical volume sizes must be a multiple of 128, and ESS logical volume sizes must be in the following list:

0.1 (0.1) 0.2 (0.2) 0.3 (0.3) 0.4 (0.4) 0.9 (0.8) 1.0 (0.9) 1.1 (1.0) 1.2 (1.1) 1.7 (1.6) 1.8 (1.7) 1.9 (1.8) 2.0 (1.9) 2.5 (2.3) 2.6 (2.4) 2.7 (2.5) 2.8 (2.6) 3.3 (3.1) 3.4 (3.2) 3.5 (3.3) 3.6 (3.4) 3.7 (3.4) 4.2 (3.9) 4.3 (4.0) 4.4 (4.1) 4.5 (4.2) 5.0 (4.7) 5.1 (4.7) 5.2 (4.8) 5.3 (4.9) 5.8 (5.4) 5.9 (5.5) 6.0 (5.6) 6.1 (5.7) 6.7 (6.2) 6.8 (6.3) 6.9 (6.4) 7.0 (6.5) 7.5 (7.0) 7.6 (7.1) 7.7 (7.2) 7.8 (7.3) 8.3 (7.7) 8.4 (7.8) 8.5 (7.9) 8.6 (8.0) 9.1 (8.5) 9.2 (8.6) 9.3 (8.7) 9.4 (8.8) 10.0 (9.3) 10.1 (9.4) 10.2 (9.5) 10.3 (9.6) 10.8 (10.1) 10.9 (10.2) 11.0 (10.2) 11.1 (10.3) 11.6 (10.8) 11.7 (10.9) 11.8 (11.0) 11.9 (11.1) 12.4 (11.5) 12.5 (11.6) 12.6 (11.7) 12.7 (11.8) 13.3 (12.4) 13.4 (12.5) 13.5 (12.6) 13.6 (12.7) 14.1 (13.1) 14.2 (13.2) 14.3 (13.3) 14.4 (13.4) 14.9 (13.9) 15.0 (14.0) 15.1 (14.1) 15.2 (14.2) 15.7 (14.6) 15.8 (14.7) 15.9 (14.8) 16.0 (14.9) 16.6 (15.5) 16.7 (15.6) 16.8 (15.6) 16.9 (15.7) 17.4 (16.2) 17.5 (16.3) 17.6 (16.4) 17.7 (16.5) 18.2 (17.0) 18.3 (17.0) 18.4 (17.1) 18.5 (17.2) 19.0 (17.7) 19.1 (17.8) 19.2 (17.9) 19.3 (18.0) 19.4 (18.1) 19.9 (18.5) 20.0 (18.6) 20.1 (18.7) 20.2 (18.8) 20.7 (19.3) 20.8 (19.4) 20.9 (19.5) 21.0 (19.6) 21.5 (20.0) 21.6 (20.1) 21.7 (20.2) 21.8 (20.3) 22.3 (20.8) 22.4 (20.9) 22.5 (21.0) 22.6 (21.0) 22.7 (21.1) 23.2 (21.6) 23.3 (21.7) 23.4 (21.8) 23.5 (21.9) 24.0 (22.4) 24.1 (22.4) 24.2 (22.5) 24.3 (22.6) 24.8 (23.1) 24.9 (23.2) 25.0 (23.3) 25.1 (23.4) 25.6 (23.8) 25.7 (23.9) 25.8 (24.0) 25.9 (24.1) 26.0 (24.2) 26.5 (24.7) 26.6 (24.8) 26.7 (24.9) 26.8 (25.0) 27.3 (25.4) 27.4 (25.5) 27.5 (25.6) 27.6 (25.7) 28.1 (26.2) 28.2 (26.3) 28.3 (26.4) 28.4 (26.4) 28.9 (26.9) 29.0 (27.0) 29.1 (27.1) 29.2 (27.2) 29.3 (27.3) 29.8 (27.8) 29.9 (27.8) 30.0 (27.9) 30.1 (28.0) 30.6 (28.5) 30.7 (28.6) 30.8 (28.7) 30.9 (28.8) 31.4 (29.2) 31.5 (29.3) 31.6 (29.4) 31.7 (29.5) 32.3 (30.1) 32.4 (30.2) 32.5 (30.3) 32.6 (30.4) 33.1 (30.8) 33.2 (30.9) 33.3 (31.0) 33.4 (31.1) 33.9 (31.6) 34.0 (31.7) 34.1 (31.8) 34.2 (31.9) 34.7 (32.3) 34.8 (32.4) 34.9 (32.5) 35.0 (32.6) 35.6 (33.2) 35.7 (33.2) 35.8 (33.3) 35.9 (33.4) 36.4 (33.9) 36.5 (34.0) 36.6 (34.1) 36.7 (34.2) 37.2 (34.6) 37.3 (34.7) 37.4 (34.8) 37.5 (34.9) 38.0 (35.4) 38.1 (35.5) 38.2 (35.6) 38.3 (35.7) 38.9 (36.2) 39.0 (36.3) 39.1 (36.4) 39.2 (36.5) 39.7 (37.0) 39.8 (37.1) 39.9 (37.2) 40.0 (37.3) 40.5 (37.7) 40.6 (37.8) 40.7 (37.9) 40.8 (38.0) 41.3 (38.5) 41.4 (38.6) 41.5 (38.6) 41.6 (38.7) 42.2 (39.3) 42.3 (39.4) 42.4 (39.5) 42.5 (39.6) 43.0 (40.0) 43.1 (40.1) 43.2 (40.2) 43.3 (40.3) 43.8 (40.8) 43.9 (40.9) 44.0 (41.0) 44.1 (41.1) 44.6 (41.5) 44.7 (41.6) 44.8 (41.7) 44.9 (41.8) 45.0 (41.9) 45.5 (42.4) 45.6 (42.5) 45.7 (42.6) 45.8 (42.7) 46.3 (43.1) 46.4 (43.2) 46.5 (43.3) 46.6 (43.4) 47.1 (43.9) 47.2 (44.0) 47.3 (44.1) 47.4 (44.1) 47.9 (44.6) 48.0 (44.7) 48.1 (44.8) 48.2 (44.9) 48.3 (45.0) 48.8 (45.4) 48.9 (45.5) 49.0 (45.6) 49.1 (45.7) 49.6 (46.2) 49.7 (46.3) 49.8 (46.4) 49.9 (46.5) 50.4 (46.9) 50.5 (47.0) 50.6 (47.1) 50.7 (47.2) 51.2 (47.7) 51.3 (47.8) 51.4 (47.9) 51.5 (48.0) 51.6 (48.1) 52.1 (48.5) 52.2 (48.6) 52.3 (48.7) 52.4 (48.8) 52.9 (49.3) 53.0 (49.4) 53.1 (49.5) 53.2 (49.5) 53.7 (50.0) 53.8 (50.1) 53.9 (50.2) 54.0 (50.3) 54.5 (50.8) 54.6 (50.9) 54.7 (50.9) 54.8 (51.0) 54.9 (51.1) 55.4 (51.6) 55.5 (51.7) 55.6 (51.8) 55.7 (51.9) 56.2 (52.3) 56.3 (52.4) 56.4 (52.5) 56.5 (52.6) 57.0 (53.1) 57.1 (53.2) 57.2 (53.3) 57.3 (53.4) 57.9 (53.9) 58.0 (54.0) 58.1 (54.1) 58.2 (54.2) 58.7 (54.7) 58.8 (54.8) 58.9 (54.9) 59.0 (54.9) 59.5 (55.4) 59.6 (55.5) 59.7 (55.6) 59.8 (55.7) 60.3 (56.2) 60.4 (56.3) 60.5 (56.3) 60.6 (56.4) 61.2 (57.0) 61.3 (57.1) 61.4 (57.2) 61.5 (57.3) 62.0 (57.7) 62.1 (57.8) 62.2 (57.9) 62.3 (58.0) 62.8 (58.5) 62.9 (58.6) 63.0 (58.7) 63.1 (58.8) 63.6 (59.2) 63.7 (59.3) 63.8 (59.4) 63.9 (59.5) 64.5 (60.1) 64.6 (60.2) 64.7 (60.3) 64.8 (60.3) 65.3 (60.8) 65.4 (60.9) 65.5 (61.0) 65.6 (61.1) 66.1 (61.6) 66.2 (61.7) 66.3 (61.7) 66.4 (61.8) 66.9 (62.3) 67.0 (62.4) 67.1 (62.5) 67.2 (62.6) 67.8 (63.1) 67.9 (63.2) 68.0 (63.3) 68.1 (63.4) 68.6 (63.9) 68.7 (64.0) 68.8 (64.1) 68.9 (64.2) 69.4 (64.6) 69.5 (64.7) 69.6 (64.8) 69.7 (64.9) 70.2 (65.4) 70.3 (65.5) 70.4 (65.6) 70.5 (65.7) 70.6 (65.8) 71.1 (66.2) 71.2 (66.3) 71.3 (66.4) 71.4 (66.5) 71.9 (67.0) 72.0 (67.1) 72.1 (67.1) 72.2 (67.2) 72.7 (67.7) 72.8 (67.8) 72.9 (67.9) 73.0 (68.0) 73.5 (68.5) 73.6 (68.5) 73.7 (68.6) 73.8 (68.7) 73.9 (68.8) 74.4 (69.3) 74.5 (69.4) 74.6 (69.5) 74.7 (69.6) 75.2 (70.0) 75.3 (70.1) 75.4 (70.2) 75.5 (70.3)

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Action

Specify a valid volume size and then resubmit the task.

CMUN02389E *SOURCE* Unable to create volume. Not enough extents are available.

Explanation

The volume cannot be created because not enough extents are available in the extent pool. More extents must be added to the extent pool.

Action

Add more extents to the extent pool, and then resubmit the task.

CMUN02390E *SOURCE* Unable to complete creation of the volume. Extents are currently being formatted and will be available at a later time. The volume configuration state is "Configuration Error". You must remove the volume.

Explanation

The volume creation task cannot be completed successfully because there are too few available extents. However, recently released extents are being reformatted. Enough extents will be available when the reformatting process completes. One terabyte of disk space can be reformatted in approximately four hours.

Action

List the volume that you are attempting to create. Remove each volume that has a configuration state of "Configuration Error". Allow enough time for extent reformatting. List the number of available extents. When there are enough available extents to create the volume, resubmit the task.

CMUN02391E *SOURCE* Unable to delete CKD base volume. Unable to delete or reassign aliases.

Explanation

The management console server reports a storage unit microcode-level error. The CKD base volume cannot be deleted because its alias volumes cannot be deleted or reassigned.

Action

Delete or reassign the alias volumes first, and then resubmit the task.

CMUN02392E *SOURCE* Invalid alias volume group

Explanation

The specified alias volume group does not exist or is not a FICON/ESCON - MASK type volume group. Volume group 10 is the default valid volume group of this type.

Action

Specify a valid volume group, and then resubmit the task.

CMUN02393E *SOURCE* Unable to create or modify CKD alias volume. The base and alias volumes belong to different logical subsystems.

Explanation

The base and its alias volumes must belong to the same logical subsystem.

Action

Specify base and alias volumes that belong to the same logical subsystem, and then resubmit the task.

CMUN02394E *SOURCE* Unable to create or modify CKD alias volume. The maximum number of aliases is already assigned to the base volume.

Explanation

A maximum of 255 aliases can be assigned to a base volume. The specified base volume already has 255 aliases that are assigned to it.

Action

Specify a different base volume, or reassign some of the previously assigned alias volumes, and then resubmit the task.

CMUN02395E *SOURCE* Unable to create or modify CKD alias volume. The base volume and alias volume are not in the same volume group.

Explanation

The base volume and alias volume must be in the same volume group. To create a new alias volume in the volume group, assign the base volume to the volume group, and then create the alias volume in the volume group. To modify an existing alias volume, you must select a base volume that is already in that volume group.

Action

Specify a base volume and alias volume that are in the same volume group and then resubmit the task.

CMUN02396E *SOURCE* You must enter contact information before you can invoke the Call Home function.

Explanation

You must enter your company name, building location, ship to country information, and primary contact telephone number before you can invoke the Call Home function.

Action

Use the DS Command-Line Interface setcontactinfo command to enter contact information, and then resubmit the task.

CMUN02397E *SOURCE* Unable to delete volume: The volume does not exist.

Explanation

The specified volume cannot be found. Therefore, it cannot be deleted.

Action

Specify a different volume to delete.

CMUN02398E *SOURCE* Unable to create array. All array sites must be in the same loop.

Explanation

The specified array sites are not in the same adapter loop. All of the array sites for the array must be in the same adapter loop.

Action

Specify array sites in the same loop, and then resubmit the task.

Use the `lsddm` command to determine which array sites are in dualloop 1 and which array sites are in dualloop 2. When you create an array with multiple array sites, you must select array sites that all have the same dualloop value. For example, all array sites must be in dualloop 1 or all array sites must be in dualloop 2.

CMUN02399E *SOURCE* **Unable to create array. A RAID5 array can have only one spare.**

Explanation

More than one spare is specified for the array. A RAID5 array can have only one spare.

Action

Specify only one spare for the array, and then resubmit the task.

CMUN02400E *SOURCE* **Unable to create logical subsystem: invalid address group**

Explanation

The specification contains an invalid address group.

Action

Specify a valid address group, and then resubmit the task.

CMUN02401E *SOURCE* **Unable to create logical subsystem: microcode-level error. Contact IBM technical support for assistance.**

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02402E *SOURCE* **Unable to create rank: failed disk drives detected**

Explanation

The specified storage includes failed disk drives. These drives must be replaced before a rank can be created on them.

Action

Specify a different array, or ensure that the failed disk drives are replaced. Then resubmit the task.

CMUN02403E *SOURCE* Unable to create rank: licensed capacity has been exceeded.

Explanation

The create rank task has failed because the total capacity would exceed one or more of your current licenses.

Action

Before you resubmit the task, obtain and apply new activation codes. Use the Apply activation codes page or the DS Command-Line Interface (CLI) `applykey` command to enter the new activation codes.

CMUN02404E *SOURCE* Unable to create rank: maximum number of ranks already created

Explanation

The maximum number of ranks already has been created.

Action

Delete unused ranks or install and license more storage capacity. Then resubmit the task.

CMUN02405E *SOURCE* Unable to delete last rank: A volume group is still defined.

Explanation

You are attempting to delete the last defined rank, but one or more user-defined volume groups still exist. You must delete all objects that are logically configured on the rank (including volumes, logical control units, volume groups and host ports) before you can delete this rank. You do not need to delete arrays, and you do not need to delete the default volume groups 10, 20 and 30.

Action

Ensure that no other objects are logically configured on the rank, and then resubmit the task.

CMUN02406E *SOURCE* Internal logical configuration error: Collect a PE package.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Collect a PE package and contact IBM technical support for assistance.

CMUN02407E *SOURCE* Array operation failure: Resource Manager not available on alternate server. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02408E *SOURCE* Array creation failure: Too many array sites specified.

Explanation

You must specify only one array site when creating RAID5 or RAID10 arrays. Multiple array sites are specified.

Action

Specify only one array site, and then resubmit the task.

CMUN02409E *SOURCE* Rank operation failure: Resource Manager not available on alternate server. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02410E *SOURCE* Extent pool operation failure: Resource Manager not available on alternate server. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02411E *SOURCE* Logical volume operation failure: Resource Manager not available on alternate server. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02412E *SOURCE* Volume group operation failure: Host agent Resource Manager not available on alternate server. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02413E *SOURCE* SCSI host port operation failure: Host agent Resource Manager not available on alternate server. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02414E *SOURCE* Unable to create SCSI host port. A colon ":" cannot be used when specifying a SCSI host port.

Explanation

A colon ":" is used in a SCSI host port specification. This character cannot be used in a SCSI host port specification.

Action

Omit the colon, and then resubmit the task.

CMUN02415E *SOURCE* Unable to modify SCSI host port. A colon ":" cannot be used when specifying a SCSI host port.

Explanation

A colon ":" is used in a SCSI host port specification. This character cannot be used in a SCSI host port specification.

Action

Omit the colon, and then resubmit the task.

CMUN02416E *SOURCE* Rank repair operation failure. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02417E *SOURCE* Rank repair operation failure. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02418E *SOURCE* Rank repair operation failure: At least one array must be in assigned status. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02419E *SOURCE* Rank repair operation failure: Service intent flag is set. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02420E *SOURCE* Rank repair operation failure. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02421E *SOURCE* Rank repair operation failure: Unable to establish array site communication session. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02422E *SOURCE* Rank repair operation failure: Unable to retrieve adapter name. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02423E *SOURCE* Rank repair operation failure: device adapter error. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02424E *SOURCE* Rank repair operation failure: Multiple ranks exist or the rank is still accessible. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02425E *SOURCE* Rank repair operation failure: Unable to delete RAID array. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02426E *SOURCE* Rank repair operation failure: Unable to retrieve serial number. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02427E *SOURCE* Internal logical configuration error: Another configuration is in progress.

Explanation

The management console server reports a storage unit microcode-level error. Another configuration process is in progress. Your task cannot be performed at this time.

Action

Wait, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02428E *SOURCE* Unable to create rank. Disks are being formatted.

Explanation

The rank cannot be created until disk reformatting completes.

Action

Wait until disk reformatting completes, and then resubmit the task. Use the Refresh button on the Status tab of the Properties page to view the disk status. If the problem persists, contact IBM technical support for assistance.

CMUN02429E *SOURCE* A recovery is in progress. Logical configuration commands are blocked.

Explanation

A recovery is in progress. Logical configurations commands are rejected until recovery completes.

Action

Wait, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02430E *SOURCE* Invalid configuration: The base and alias/map volumes must be in the same volume group.

Explanation

A volume group cannot contain an alias/map volume unless the base volume is also in that group.

Action

Ensure that the base and alias/map volumes are in the same volume group, and then resubmit the task.

CMUN02431E *SOURCE* Invalid configuration: A volume group cannot contain unconfigured logical volumes.

Explanation

A volume group cannot contain an unconfigured volume. One or more of the specified volumes is not in the configured state.

Action

Specify only configured volumes, and then resubmit the task.

CMUN02432E *SOURCE* Invalid configuration: volume group and volume type mismatch

Explanation

A FICON ESCON mixed volume group can contain only logical volumes of the following types:

- count-key-data base
- count-key-data alias
- count-key-data map
- 512-byte fixed-block

Action

Specify logical volumes of the correct type, and then resubmit the task.

CMUN02433E *SOURCE* Invalid configuration: 512-byte fixed-block volumes must share data.

Explanation

In a FICON ESCON mixed volume group all logical volumes of type 512-byte fixed-block must have data sharing allowed set to true.

Action

Ensure that all 512-byte fixed-block volumes permit data sharing, and then resubmit the task.

CMUN02434E *SOURCE* Invalid configuration: volume group and volume type mismatch

Explanation

A FICON ESCON (not mixed) volume group can contain only logical volumes of the following types: count-key-data base or count-key-data alias.

Action

Specify only count-key-data base or count-key-data alias volumes, and then resubmit the task.

CMUN02435E *SOURCE* Invalid configuration: volume group and volume type mismatch

Explanation

A SCSI (not mixed) volume group must contain only logical volumes of type 512-byte fixed-block.

Action

Specify only 512-byte fixed-block logical volumes, and then resubmit the task.

CMUN02436E *SOURCE* Invalid configuration: volume group and volume type mismatch

Explanation

A SCSI mixed volume group must contain only logical volumes of the following types:

- fixed-block map
- count-key-data base
- 520-byte fixed-block

Action

Specify only volumes of types fixed-block map, count-key-data base, or 520-byte fixed-block base. Then resubmit the task.

CMUN02437E *SOURCE* Invalid configuration: CKD base logical volumes must share data.

Explanation

In a SCSI mixed volume group, all count-key-data base logical volumes must have data sharing allowed set to true.

Action

Ensure that all count-key-data base logical volumes permit data sharing, and then resubmit the task.

CMUN02438E *SOURCE* Invalid configuration: volume group and volume type mismatch

Explanation

A SCSI520 MASK volume group must contain only logical volumes of type 520-byte fixed block.

Action

Specify only 520-byte fixed block logical volumes, and then resubmit the task.

CMUN02439E *SOURCE* Unable to create rank. At least one DDM in the array that you specified requires a service procedure.

Explanation

The rank cannot be created because the array has at least one DDM that requires a service procedure.

Action

Follow the recommended service procedure for the DDM, and then resubmit the task.

CMUN02440E *SOURCE* Unable to create rank. The array site does not contain a full complement of DDMs.

Explanation

The rank cannot be created because not all of the disk drives in the array site can be found. One or more DDMs must be replaced.

Action

Wait until the drives have been replaced, and then resubmit the task.

CMUN02441E *SOURCE* Unable to delete last rank: A SCSI host port is attached to the rank.

Explanation

You are attempting to delete the last defined rank, but one or more SCSI host ports are attached to the rank. You must delete all objects that are logically configured on the rank (including volumes, logical control units, volume groups and host ports) before you can delete this rank. You do not need to delete arrays, and you do not need to delete the default volume groups 10, 20 and 30.

Action

Ensure that no other objects are logically configured on the rank, and then resubmit the task.

CMUN02442E *SOURCE* Unable to create volume.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Collect a PE package and contact IBM technical support for assistance.

CMUN02443E *SOURCE* Unable to create volume.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Collect a PE package and contact IBM technical support for assistance.

CMUN02444E *SOURCE* Unable to repair rank. Disk drive modules not found.

Explanation

The management console server reports a storage unit microcode-level error. One or more disk drives cannot be found in the array site.

Action

Ensure that the array site is populated with disk drives and that the drives are powered and available. If another attempt to repair the rank is not successful, contact IBM technical support for assistance.

CMUN02445E *SOURCE* Unable to bring rank online. Device adapter error. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02446E *SOURCE* Unable to repair rank. One or more disk drive modules is not reporting normal status.

Explanation

All failed disk drives must be replaced before a rank repair can start.

Action

Ensure that all failed drives are replaced, and then resubmit the task.

CMUN02447E *SOURCE* Unable to repair rank. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN02448E *SOURCE* Feature install activation failure. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.
Installation of a license machine code feature fails.

Action

Contact IBM technical support for assistance.

CMUN02449E *SOURCE* Feature install activation failure. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.
Installation of a license machine code feature fails.

Action

Contact IBM technical support for assistance.

CMUN02450E *SOURCE* Feature install activation failure. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.
Installation of a license machine code feature fails.

Action

Contact IBM technical support for assistance.

CMUN02451E *SOURCE* Feature install activation failure. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.
Installation of a license machine code feature fails.

Action

Contact IBM technical support for assistance.

CMUN02452E *SOURCE* Feature install activation failure. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error. Installation of a license machine code feature fails.

Action

Contact IBM technical support for assistance.

CMUN02453E *SOURCE* Feature install activation failure. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error. Installation of a license machine code feature fails.

Action

Contact IBM technical support for assistance.

CMUN02454E *SOURCE* Feature install activation failure. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error. Installation of a license machine code feature fails.

Action

Contact IBM technical support for assistance.

CMUN02455E *SOURCE* Feature install activation failure: Unable to decrypt license key.

Explanation

The license key that you provided cannot be decrypted correctly.

Action

If you entered the key incorrectly, enter the key correctly and resubmit the task. If this does not resolve the problem, download a new file from the IBM Disk Storage Feature Activation (DSFA) Web site and import that file. If the problem persists, contact IBM technical support for assistance.

CMUN02456E *SOURCE* Feature install activation failure. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error. Installation of a license machine code feature fails.

Action

Contact IBM technical support for assistance.

CMUN02457E *SOURCE* Feature install activation failure. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error. Installation of a license machine code feature fails.

Action

Contact IBM technical support for assistance.

CMUN02458E *SOURCE* Feature key validation failure: key type does not match storage type

Explanation

The license machine code feature key validation fails. Either the key type is not valid, or the key type does not match the storage type (FB/CKD/BOTH).

Action

Ensure that the license key matches the storage type. If this does not resolve the problem, download a new file from the IBM Disk Storage Feature Activation (DSFA) Web site and import that file. If the problem persists, contact IBM technical support for assistance.

CMUN02459E *SOURCE* Unable to modify network port. The IP addresses of the two clusters cannot be identical.

Explanation

The same IP address is specified for both clusters. Unique IP addresses must be assigned.

Action

Specify unique IP addresses, and then resubmit the task.

CMUN02460E *SOURCE* **Unable to modify network port. Retry.****Explanation**

The management console server reports a storage unit microcode-level error. The network port modification process did not fully complete.

Action

This might be a temporary problem. Resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02461E *REFERENCE* **LIC feature build key failed. Contact IBM technical support for assistance.****Explanation**

The requested LIC feature activation failed because the LIC feature build encryption key failed.

Action

Contact IBM technical support for assistance.

CMUN02462E *REFERENCE* **Invalid storage image sequence number in the LIC feature key.****Explanation**

The sequence number in the LIC feature key is invalid for the storage image.

Action

Verify that you have entered the correct LIC feature key for the storage image. If the LIC feature key that you originally entered was not correct, resubmit the task with the correct LIC feature key. If you originally entered the correct key, contact IBM technical support for assistance.

CMUN02463E *REFERENCE* **Creation of LIC feature file failed. Contact IBM technical support for assistance.****Explanation**

The creation of the LIC feature file failed.

Action

Contact IBM technical support for assistance.

CMUN02464E *REFERENCE* Error decrypting LIC feature string or file. Contact IBM technical support for assistance.

Explanation

The LIC feature string or file cannot be decrypted.

Action

Contact IBM technical support for assistance.

CMUN02465E *REFERENCE* Error encrypting LIC feature string or file. Contact IBM technical support for assistance.

Explanation

The LIC feature string or file cannot be encrypted.

Action

Contact IBM technical support for assistance.

CMUN02466E *REFERENCE* LIC feature string validation failed. Contact IBM technical support for assistance.

Explanation

The LIC feature string cannot be validated.

Action

Contact IBM technical support for assistance.

CMUN02467E *REFERENCE* Invalid LIC feature type.

Explanation

You either entered a LIC feature key for a LIC feature type that is not yet supported or you entered an incorrect LIC feature key.

Action

Verify that you entered the correct LIC feature key and that the feature type is valid. If either the LIC feature key or feature type is not valid, resubmit the task with a valid feature key or feature type. If the problem persists, contact IBM technical support for assistance.

CMUN02468E *REFERENCE* Error opening LIC feature file. Contact IBM technical support for assistance.

Explanation

The LIC feature file cannot be opened.

Action

Contact IBM technical support for assistance.

CMUN02469E *REFERENCE* Error writing to the LIC feature file.
Contact IBM technical support for assistance.

Explanation

The LIC feature file cannot be written.

Action

Contact IBM technical support for assistance.

CMUN02470E *REFERENCE* LIC feature file validation failed. Contact IBM technical support for assistance.

Explanation

The LIC feature file validation failed.

Action

Contact IBM technical support for assistance.

CMUN02471E *REFERENCE* Error activating LIC feature file. Contact IBM technical support for assistance.

Explanation

The LIC feature file cannot be activated.

Action

Contact IBM technical support for assistance.

CMUN02472E *REFERENCE* Error displaying LIC feature information. Contact IBM technical support for assistance.

Explanation

The LIC feature information cannot be displayed.

Action

Contact IBM technical support for assistance.

CMUN02473E *REFERENCE* Error querying LIC feature information.
Contact IBM technical support for assistance.

Explanation

The LIC feature information cannot be queried.

Action

Contact IBM technical support for assistance.

CMUN02474E *REFERENCE* Error determining product information to be used for LIC features. Contact IBM technical support for assistance.

Explanation

The product information that is necessary for LIC features cannot be determined.

Action

Contact IBM technical support for assistance.

CMUN02475E *REFERENCE* LIC feature storage type is not correct.

Explanation

You have selected an incorrect LIC feature storage type. Some LIC feature types require a specific storage type (FB, CKD, or combined) and cannot be activated with the incorrect storage type. For example, the remote mirror feature for z/OS and parallel access volumes (PAVs) require that you select the CKD storage type. You can select one of the following storage types:

- Fixed block (FB): Select this storage type if you are attaching only to open systems hosts.
- Count key data (CKD): Select this storage type if you are attaching only to zSeries hosts.
- All (FB and CKD): Select this storage type if you are attaching both open systems and zSeries hosts.

Action

Select the appropriate LIC feature storage type and resubmit the task with the appropriate LIC feature key.

CMUN02476E *REFERENCE* Invalid LIC feature key length.

Explanation

The LIC feature key length is invalid.

Action

Enter the correct LIC feature key, and resubmit the task.

CMUN02477E *REFERENCE* The LIC feature keys cannot be installed due to default LIC features. Contact IBM technical support for assistance.

Explanation

You are attempting to install a LIC feature key on a storage unit that has been set to use the default LIC features.

Action

Contact IBM technical support for assistance.

CMUN02478E *REFERENCE* LIC feature cannot be installed due to the maximum number of logical subsystems for CKD storage. Contact IBM technical support for assistance.

Explanation

You cannot install the LIC feature because it will exceed the maximum number of allowed logical subsystems for CKD-type storage.

Action

Contact IBM technical support for assistance.

CMUN02479E *REFERENCE* The volume group modification or creation task failed. You have specified a volume that does not exist.

Explanation

You have specified a volume group configuration that contains one or more volumes that do not exist or has not yet been created. All specified volumes must exist before you can add them to the volume group.

Action

Remove the nonexistent volumes from the volume group configuration, and resubmit the task.

CMUN02480E *REFERENCE* LIC feature capacity error. Invalid capacity value for the specified LIC feature type.

Explanation

The LIC feature capacity value that you have selected for the LIC feature key is not valid for this LIC feature type.

Action

Select a valid capacity to obtain a new LIC feature key and resubmit the task.

CMUN02481E *REFERENCE* The modify host adapter port task failed because the host adapter port is not defined.

Explanation

You have specified a host adapter port for modification that is not defined. This failure can be the result of one of the following causes:

- A transient timing issue during the dynamic update of the logical host port adapter definition
- A host port adapter hardware problem
- A cable problem
- A discrepancy between the physical host port adapter configuration and the logical host port adapter configuration

Action

Perform each of the following steps to resolve the issue:

- Correct any hardware errors.
- Ensure that all cables are connected and seated correctly.
- Verify that the physical host adapter port configuration matches the displayed logical host port adapter configuration.

If the problem still persists, contact IBM technical support for assistance.

CMUN02482E *REFERENCE* The modify host adapter port task failed because the host adapter port cannot be modified unless both processor cards show normal status.

Explanation

You are attempting to modify a host adapter port while at least one of the processor cards is unavailable. The modify host port adapter task requires that both processor cards in the storage unit are working together.

Action

Correct any hardware errors. Ensure that both processor cards show normal status. If the problem persists, contact IBM technical support for assistance.

CMUN02483E *REFERENCE* The modify host adapter port task failed because the port failed to change to the offline or online state.

Explanation

The modify host adapter port task must take the port offline before the modification is made and take the port online after changing the port type. The utility that takes the port offline and online has failed.

Action

Verify that the storage unit status is normal. If the problem persists, contact IBM technical support for assistance.

CMUN02484E *REFERENCE* The modify host adapter port task failed because the host adapter port type modification failed.

Explanation

You are attempting to modify the host port type to an incorrect value or to modify the host port type while the storage unit is unavailable. The utility that changes the host adapter port type has failed.

Action

Verify that the storage unit status is normal. If the problem persists, contact IBM technical support for assistance.

CMUN02485E *REFERENCE* Unable to create, delete, or assign a rank while one of the processor cards is inactive.

Explanation

You have attempted to perform an action on a rank while one of the processor cards is inactive. A processor card can be inactive for one of the following reasons:

- A processor card or the battery backup unit (BBU) supporting the processor card has failed.
- A processor card or the BBU that supports the processor card has been quiesced in preparation for a service action.

Action

Perform one of the following actions:

- If the processor card or the BBU that supports the processor card has failed, replace the hardware resource, wait for initialization to complete, and resubmit the task.
- If the processor card or the BBU that supports the processor card is quiesced in preparation for a service action, complete the service action, wait for initialization to complete, and resubmit the task.
- If you have removed the processor card or the BBU that supports the processor card, replace them and resubmit the task.
- Use the properties and problem log pages to ensure that both the processor card and the BBU that supports the processor card are online. Correct and close any open problem log entries and resubmit the task.

CMUN02486E *REFERENCE* Rank does not exist.

Explanation

You have attempted to perform an action on a rank that does not exist.

Action

Either create the nonexistent rank and resubmit the task or select a different rank and resubmit the task.

CMUN02487E *REFERENCE* **The rank is not in an inaccessible state.****Explanation**

You have attempted to perform a repair action on a rank that is accessible. You can only perform repair actions on ranks that are in an inaccessible state.

Action

Specify an inaccessible rank and resubmit the task.

CMUN02488E *REFERENCE* **Internal error. Contact IBM technical support for assistance.****Explanation**

The management console reports a storage unit microcode-level error. The rank failed to change to an offline state.

Action

Contact IBM technical support for assistance.

CMUN02489E *REFERENCE* **Internal error. Contact IBM technical support for assistance.****Explanation**

The management console reports a storage unit microcode-level error. The rank failed to change to a failed state.

Action

Contact IBM technical support for assistance.

CMUN02490E *REFERENCE* **Internal error. Contact IBM technical support for assistance.****Explanation**

The management console reports a storage unit microcode-level error. The previously used array was not deleted.

Action

Contact IBM technical support for assistance.

CMUN02491E *VOLUMES* **The extent pool cannot be deleted. Logical volumes are still assigned to the extent pool.****Explanation**

There are volumes that are currently associated with the extent pool that you are attempting to delete.

Action

Remove the logical volumes that are assigned to the specified extent pool, and resubmit the task.

CMUN02492E *SOURCE* Unable to create the SCSI host port. Another SCSI host port exists with the same worldwide port name and a conflicting port ID.

Explanation

You have attempted to create a SCSI host port with a conflicting port ID and the same worldwide port name (WWPN) as an already existing host port. You cannot enable the same port ID on SCSI host ports that have identical WWPNs.

Action

Enable a different port on the SCSI host port with the same WWPN and resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02493E *SOURCE* Unable to modify the SCSI host port. Another SCSI host port exists with the same worldwide port name and a conflicting port ID.

Explanation

You have attempted to modify a SCSI host port with a conflicting port ID and the same worldwide port name (WWPN) as an already existing host port. You cannot enable the same port ID on SCSI host ports that have identical WWPNs.

Action

Ensure that you enable a different port on the SCSI host port with the same WWPN and resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN02494E *SOURCE* Internal error. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal error.

Action

Contact IBM technical support for assistance.

CMUN02495E *SOURCE* Internal error. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal error.

Action

Contact IBM technical support for assistance.

CMUN02496E *SOURCE* Internal error. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal error.

Action

Contact IBM technical support for assistance.

CMUN02497E *SOURCE* The storage unit is busy. Wait for a few seconds, and resubmit the task.

Explanation

The task cannot complete because the storage unit is busy.

Action

Wait for a few seconds until the server or storage unit is less busy, and resubmit the task.

CMUN02498E *SOURCE* The storage unit is busy. Wait for a few minutes, and resubmit the task.

Explanation

The task cannot complete because the storage unit is busy.

Action

Wait for a few minutes until the server or storage unit is less busy, and resubmit the task.

CMUN02502E *SOURCE* You are attempting to create an array with two array sites, and the disk class of the array sites is not the same.

Explanation

Disk class is an attribute of disk drive modules, array sites, and arrays. The disk class attribute distinguishes between different classes of disk drives, such as enterprise drives and near-line drives, each with different performance and reliability characteristics. When you create an array with multiple array sites, the disk class must be the same for all array sites in the array that you are creating to ensure that the array maintains the same performance and reliability characteristics of the disk drive modules.

Action

If you want to create an array from multiple array sites, you must select array sites that have the same disk class. If you want to create arrays from array sites that have different disk classes, you must create separate arrays for each disk class.

CMUN02503E *SOURCE* The synchronize security repository task has failed because it exceeds the maximum number of user accounts.

Explanation

When you establish a peer relationship between management consoles, you have two options for processing user accounts:

- Overwrite the user accounts on the secondary management console with the user accounts from the primary management console.
- Synchronize the user accounts between the management consoles. This option adds the unique user accounts on the secondary management console to the user accounts on the primary management console.

You chose the synchronize option. The maximum number of user accounts for a management console is 100. The synchronize option has failed because there are more than 100 unique user accounts on the management consoles in the peer relationship that you are attempting to establish.

Action

Remove the peer relationship between the management consoles. Establish it again, and select either the overwrite option or the synchronize option. If you select the synchronize option, first remove a sufficient number of unique user accounts to ensure that you do not exceed the maximum of 100 unique user accounts.

CMUN02504E *VALUE_0* The create array task has failed because at least one array site state is not unassigned.

Explanation

The array site state must be unassigned for all array sites that are used to create an array.

Action

If the array site state is unavailable, perform the recommended service action. If the array site state is initializing, it changes to unassigned when disk drive module initialization task completes. Wait until the array site state changes to unassigned and then resubmit the task.

CMUN02505E *VALUE_0* The create array task has failed because the characteristics of the array sites do not match.

Explanation

When you create an array with multiple array sites, the array sites must be associated with the same device adapter pair and must have the same values for the following disk characteristics:

- Disk Class (for example, near-line or Enterprise)
- Disk Capacity
- Disk RPM
- Disk Interface Type (for example, FC-AL, S-ATA or SAS)
- Disk Interface Rate

Action

If you want to create an array from multiple array sites, you must select array sites that are associated with the same device adapter pair. You must also select array sites that have the same disk characteristics. If you want to create arrays from array sites that have different disk characteristics, you must create separate arrays for each set of disk characteristics.

CMUN02506E *SOURCE* Operation failed: A VM host command has set a Special Intercept Condition (SIC) on the source or target volume.

Explanation

You are attempting a FlashCopy operation and the operation has failed because a VM host has set a Special Intercept Condition (SIC) on the FlashCopy source or target volume. This SIC is set by a VM host to prevent access to a volume by certain operations. You must reset the SIC to use the DS Command-Line Interface (CLI) to perform the FlashCopy operation on these volumes, or you can use VM host commands to perform the FlashCopy operation. You cannot perform a FlashCopy operation using the CLI to a source or target volume that is attached to a VM host.

Action

Make sure you have selected the correct FlashCopy source and target volumes. If you want to remove the SIC you must detach the volume from the VM host. Resubmit the CLI FlashCopy operation or use VM host commands to perform the FlashCopy operation. If the problem persists, contact IBM technical support for assistance.

CMUN02507E *VALUE_0* Unable to submit the logical configuration task that you have requested because a discovery task is in progress.

Explanation

The logical configuration task that you have attempted has failed because it cannot be submitted while a discovery task is in progress.

Action

Wait until the discovery task has completed successfully and resubmit the logical configuration task.

CMUN03000E *SOURCE* **Operation failure: action cancelled due to lack of resources. Contact IBM technical support for assistance.**

Explanation

The management console server reports a Copy Services error. The storage unit did not have enough resources to complete the task.

Action

Contact IBM technical support for assistance.

CMUN03001E *SOURCE* **Operation failure: action not supported**

Explanation

The management console server reports a Copy Services error. The command is not supported by the current microcode.

Action

Ensure that the latest version of microcode is installed on your storage unit. If the problem persists, contact IBM technical support for assistance.

CMUN03002E *SOURCE* **Operation failure: action not supported**

Explanation

The management console server reports a Copy Services error. The command is not supported by the current microcode.

Action

Ensure that the latest version of microcode is installed on your storage unit. If the problem persists, contact IBM technical support for assistance.

CMUN03003E *SOURCE* **Copy Services operation failure: currently processing a previously issued Global Mirror command**

Explanation

The task is being rejected because a previously issued task is still being processed.

Action

Wait until the first process completes, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN03004E *SOURCE* Copy Services operation failure: Global Mirror command not properly defined. Contact IBM technical support for assistance.

Explanation

The management console server reports a Copy Services error.

Action

Contact IBM technical support for assistance.

CMUN03005E *SOURCE* Copy Services operation failure: Global Mirror feature not installed

Explanation

The Global Mirror feature is not installed on this storage image.

Action

Install and license the feature, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN03006E *SOURCE* Copy Services operation failure: Global Mirror structures not available

Explanation

A Global Mirror command fails because an internal error occurs or because the storage image is in single cluster mode.

Action

Check for hardware errors and ensure that the storage image is in dual cluster mode. If the problem persists, contact IBM technical support for assistance.

CMUN03007E *SOURCE* Copy Services operation failure: FlashCopy battery feature not installed

Explanation

The task cannot be initiated because the FlashCopy battery feature is not installed.

Action

Install the FlashCopy battery feature, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN03008E *SOURCE* **Copy Services operation failure: cascading FlashCopy prohibited**

Explanation

A FlashCopy target cannot be a FlashCopy source or the target of another relationship.

Action

Specify a logical volume that is not a FlashCopy target, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN03009E *SOURCE* **Copy Services operation failure: cascading primary**

Explanation

A cascading primary logical volume cannot be in a Global Mirror relationship.

Action

Specify a logical volume that is not a cascading primary, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN03010E *SOURCE* **Copy Services operation failure: cascading secondary noncascade**

Explanation

The specified volume was not established with the cascading option.

Action

Specify a volume that has been established with the cascading option, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN03011E *SOURCE* **Copy Services operation failure: cascading secondary synchronous**

Explanation

Cascading secondary volumes cannot be primary volumes in a Metro Mirror relationship.

Action

Specify a logical volume that is not a cascading secondary, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN03012E *SOURCE* Remote Mirror and Copy operation failure**Explanation**

The management console server reports a Remote Mirror and Copy error. The operation might have completed successfully on the primary system. One of the following conditions is occurring:

- Abnormal conditions exist at the secondary processor card.
- Abnormal conditions exist at the secondary storage unit.
- The communication paths between the primary and remote processor card are not functioning.
- Communication cannot be established with the secondary control unit.

Action

Check for hardware errors and disconnected cables, and follow the recommended service procedures. Check the status of the primary and secondary systems. If the problem persists, contact IBM technical support for assistance.

CMUN03013E *SOURCE* CKD management is disabled. Contact IBM technical support for assistance.**Explanation**

Management of count-key-data resources on the storage unit is disabled.

Action

Contact IBM technical support for assistance.

CMUN03014E *SOURCE* Copy Services operation failure: A microcode code load is in progress.**Explanation**

A microcode code load is in progress, and no other activities can take place on the storage unit.

Action

Wait until the microcode code load completes, and then resubmit the task.

CMUN03015E *SOURCE* Operation failure: consistent copy would be compromised. Contact IBM technical support for assistance.**Explanation**

A pause or end Global Mirror fails because the action cannot complete without compromising the consistent copy of the data.

Action

Contact IBM technical support for assistance.

CMUN03016E *SOURCE* Copy Services feature not installed. Contact IBM technical support for assistance.

Explanation

The Copy Services feature is not installed on the storage unit.

Action

Contact IBM technical support for assistance.

CMUN03017E *SOURCE* Copy Services feature not supported. Contact IBM technical support for assistance.

Explanation

The storage unit does not support the requested Copy Services feature.

Action

Contact IBM technical support for assistance.

CMUN03018E *SOURCE* Copy Services server internal error. Contact IBM technical support for assistance.

Explanation

The management console server reports a Copy Services server internal error.

Action

Contact IBM technical support for assistance.

CMUN03019E *SOURCE* Copy Services operation failure: critical volume mode unavailable

Explanation

Critical volume mode cannot be specified with Global Mirror.

Action

Do not specify critical volume mode, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN03020E *SOURCE* Copy Services operation failure: device not found

Explanation

One of the following might be occurring:

- The request is being issued to an unconfigured logical volume.

- The request requires at least one configured volume, and no volumes are configured for the logical subsystem.
- An unknown error

Action

Ensure that a configured logical volume exists, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN03021E *SOURCE* Copy Services operation failure: device status cannot be determined

Explanation

A logical volume in the specification is either:

- Unconfigured
- Flagged for service
- In the status cannot be determined state
- The wrong type

Action

Make the volume or underlying device available, or specify another volume, and then resubmit the task.

CMUN03022E *SOURCE* Copy Services operation failure: source is destination

Explanation

The source and destination ports for a path over FCP must be unique. No port can be used as both source and destination.

Action

Specify two distinct ports, and then resubmit the task.

CMUN03023E *SOURCE* Copy Services operation failure: ESCON - FCP collision. Contact IBM technical support for assistance.

Explanation

An attempt is being made to establish ESCON paths between two control units with FCP paths that already exist between the control units, or an attempt is being made to establish FCP paths between two control units with ESCON paths that already exist between the control units.

Action

Contact IBM technical support for assistance.

CMUN03024E *SOURCE* Copy Services operation failure: ESCON - FCP remove collision. Contact IBM technical support for assistance.

Explanation

An attempt is being made to remove ESCON paths between two control units with FCP paths that also exist between the control units, or an attempt is being made to remove FCP paths between two control units with ESCON paths that also exist between the control units.

Action

Contact IBM technical support for assistance.

CMUN03025E *SOURCE* Copy Services operation failure: storage image not available

Explanation

Communication was the storage image failed.

Action

Ensure that the storage image is online and available.

CMUN03026E *SOURCE* Copy Services operation failure: storage image not found

Explanation

The storage image was not found in the Copy Services domain.

Action

Properly identify the storage image, and then resubmit the task.

CMUN03027E *SOURCE* FlashCopy operation failure: action prohibited by current FlashCopy state. Contact IBM technical support for assistance.

Explanation

The management console server reports a Copy Services error.

Action

Contact IBM technical support for assistance.

CMUN03028E *SOURCE* **Copy Services operation failure: master process conflict****Explanation**

One of the following is taking place:

- A start or resume Global Mirror command with no modify options is being issued to a storage image on which a master process is running.
- A start or resume Global Mirror command with modify options is being issued, but the parameters do not match the existing configuration.
- A start or resume Global Mirror command with modify options is being issued, but the master process is not paused.

Action

Ensure that the master process is not running and that the parameters match. Resubmit the task.

CMUN03029E *SOURCE* **Copy Services operation failure: invalid failback primary****Explanation**

The specified failback primary does not match the existing primary for the volume.

Action

Specify the correct primary, and then resubmit the task.

CMUN03030E *SOURCE* **Copy Services operation failure: failback primary volume not suspended****Explanation**

The Remote Mirror and Copy failback primary volume must be suspended before the task is issued.

Action

Suspend the failback primary volume, and then resubmit the task.

CMUN03031E *SOURCE* **Copy Services operation failure: invalid failover primary site****Explanation**

The specified failover primary site does not match the existing primary site for the volume.

Action

Specify the correct failover primary site, and then resubmit the task.

CMUN03032E *SOURCE* **Operation failure: invalid failover secondary volume**

Explanation

The failover action fails because the volume is not a full duplex Metro Mirror secondary volume.

Action

Ensure that the secondary volume is in full duplex mode, and then resubmit the task.

CMUN03033E *SOURCE* **Copy Services operation failure: FCP - FICON path collision**

Explanation

You are attempting to establish an FCP path on a port with existing FICON logical paths.

Action

Specify a port with no existing FICON paths, and then resubmit the task.

CMUN03034E *SOURCE* **Copy Services operation failure: FCP connectivity queries are not supported by the storage image. Contact IBM technical support for assistance.**

Explanation

FCP connectivity queries are not supported by the storage image.

Action

Contact IBM technical support for assistance.

CMUN03035E *SOURCE* **Copy Services operation failure: feature not installed**

Explanation

The specified feature is not installed.

Action

License and install the feature, and then resubmit the task.

CMUN03036E *SOURCE* Copy Services operation failure: maximum FlashCopy relationships exceeded or initialization in progress

Explanation

The requested FlashCopy Relationship cannot be established because the maximum number of relationships already are established or because the volume was recently created and is still being initialized to support FlashCopy (Release 5.0.* only).

If the volume is still being initialized, wait until the initialization completes, and then resubmit the request.

Action

Remove unnecessary relationships or wait until initialization completes, and then resubmit the task.

CMUN03037E *SOURCE* Copy Services operation failure: FlashCopy inhibited. Contact IBM technical support for assistance.

Explanation

FlashCopy is inhibited on this volume.

Action

Contact IBM technical support for assistance.

CMUN03038E *SOURCE* Copy Services operation failure: Volume is already a FlashCopy target.

Explanation

The specified Remote Mirror and Copy secondary volume is already a FlashCopy target. It cannot be used as a target for another relationship.

Action

Specify a different target logical volume, and then resubmit the task.

CMUN03039E *SOURCE* Copy Services operation failure: maximum FlashCopy targets exceeded

Explanation

The maximum number of FlashCopy targets for this source has been exceeded.

Action

Remove any unwanted targets, and then resubmit the task.

CMUN03040E *SOURCE* Copy Services operation failure: maximum relationships exceeded

Explanation

The maximum number of FlashCopy relationships has been established for this volume. No more relationships can be created.

Action

Remove any unwanted relationships, and then resubmit the task.

CMUN03041E *SOURCE* Copy Services operation failure: already a FlashCopy source

Explanation

A FlashCopy source logical volume cannot be the source of a new relationship, and it cannot be the relationship target logical volume.

Action

Specify a different logical volume, and then resubmit the task.

CMUN03042E *SOURCE* Copy Services operation failure: already a FlashCopy target

Explanation

The specified target is already a FlashCopy target. A FlashCopy target cannot be the target of a new relationship.

Action

Specify a different target logical volume, and then resubmit the task.

CMUN03043E *SOURCE* Operation failure: functional code timeout. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error. The storage unit does not respond in a satisfactory time period.

Action

Contact IBM technical support for assistance.

CMUN03044E *SOURCE* Copy Services operation failure: path not available

Explanation

The conduit logical subsystem does not have a relationship with the FlashCopy primary logical volume.

Action

Specify a different conduit logical subsystem or establish a path, and then resubmit the task.

CMUN03045E *SOURCE* Copy Services operation failure: increment failed due to internal error. Contact IBM technical support for assistance.

Explanation

The relationship cannot be incremented due to an internal error.

Action

Contact IBM technical support for assistance.

CMUN03046E *SOURCE* Copy Services operation failure: FlashCopy increment mismatch

Explanation

The increment of a FlashCopy relationship fails because the logical volumes are in relationships with other volumes.

Action

Specify the correct relationship or remove the other relationships, and then resubmit the task.

CMUN03047E *SOURCE* Copy Services operation failure: invalid fibre-channel protocol configuration

Explanation

Fibre-channel protocol paths are specified, but the adapters use fibre-channel arbitrated loop protocol.

Action

Specify compatible path and adapter protocols, and then resubmit the command.

CMUN03048E *SOURCE* **Copy Services operation failure: invalid FlashCopy target**

Explanation

The specified target is a Remote Mirror and Copy or Global Mirror primary volume.

Action

Specify a different target, and then resubmit the task.

CMUN03049E *SOURCE* **Copy Services operation failure: incompatible volumes**

Explanation

FlashCopy volumes must be the same capacity, and they must belong to the same logical subsystem.

Action

Specify volumes that are the same capacity and are on the same logical subsystem, and then resubmit the task.

CMUN03050E *SOURCE* **Copy Services operation failure: invalid FlashCopy extent. Contact IBM technical support for assistance.**

Explanation

The FlashCopy operation does not allow the specification of extents.

Action

Contact IBM technical support for assistance.

CMUN03051E *SOURCE* **Copy services operation failure: invalid FlashCopy source**

Explanation

The FlashCopy source is not the target of the addressed Remote Mirror and Copy pair.

Action

Specify a different FlashCopy source or a different Remote Mirror and Copy pair, and then resubmit the task.

CMUN03052E *SOURCE* Copy Services operation failure: invalid secondary. Contact IBM technical support for assistance.

Explanation

The management console server reports a Copy Services error. The secondary volume address is not valid.

Action

Contact IBM technical support for assistance.

CMUN03053E *SOURCE* Copy Services operation failure: invalid transition. Contact IBM technical support for assistance.

Explanation

The command attempts to perform an invalid transition between modes.

Action

Contact IBM technical support for assistance.

CMUN03054E *SOURCE* Copy Services operation failure: invalid revertible specification

Explanation

Either:

- A FlashCopy establish was specified with the revertible option for a pair that does not exist or is already revertible.
- A FlashCopy withdraw was specified on a pair that is not revertible.

Action

Specify a different pair, and then resubmit the command.

CMUN03055E *SOURCE* Copy Services operation failure: session or members not in correct state.

Explanation

The Global Mirror start fails because a session or session members are not in the correct state.

Action

Place the session or members in the correct state, and then resubmit the command.

CMUN03056E *SOURCE* **Copy Services operation failure: invalid session state for FlashCopy. Contact IBM technical support for assistance.**

Explanation

The Global Mirror session is not in the correct state.

Action

Contact IBM technical support for assistance.

CMUN03057E *SOURCE* **Copy Services operation failure: The Metro Mirror pair does not exist.**

Explanation

You must specify an existing Metro Mirror pair. The task might have failed because one of the following parameters is not valid:

- Secondary logical subsystem (LSS)
- Primary or secondary device serial number
- Primary or secondary subsystem ID (SSID)
- Primary or secondary Volume ID

Action

Specify an existing Metro Mirror pair and then resubmit the task.

CMUN03058E *SOURCE* **Copy Services Operation failure: invalid WWNN**

Explanation

The primary or secondary worldwide node name is invalid.

Action

Specify a valid worldwide node name, and then resubmit the task.

CMUN03059E *SOURCE* **Copy Services operation failure: LSS not found**

Explanation

The logical subsystem was not found in the Copy Services domain.

Action

Specify a valid logical subsystem, and then resubmit the task.

CMUN03060E *SOURCE* **Copy Services operation failure: logical subsystem mismatch. Contact IBM technical support for assistance.**

Explanation

The management console server reports a Copy Services error.

Action

Contact IBM technical support for assistance.

CMUN03061E *SOURCE* Copy Services operation failure: master serial number not defined. Contact IBM technical support for assistance.

Explanation

The management console server reports a Copy Services error.

Action

Contact IBM technical support for assistance.

CMUN03062E *SOURCE* Copy Services operation failure: maximum masters exceeded. Contact IBM technical support for assistance.

Explanation

A start or resume Global Mirror command was received by a subordinate that already has the maximum number (32) of masters.

Action

Contact IBM technical support for assistance.

CMUN03063E *SOURCE* Copy Services operation failure: sequence number and session ID mismatch

Explanation

The specified sequence numbers do not match the master and subordinate sequence numbers for the session ID.

Action

Specify different sequence numbers or a different session ID, and then resubmit the task.

CMUN03064E *SOURCE* Copy Services operation failure: mixed adapters specified

Explanation

You must specify either all ESCON paths or all FCP paths. ESCON and FCP paths cannot be mixed within the same command.

Action

Specify paths of the same type, and then resubmit the command.

CMUN03065E *SOURCE* Copy Services operation failure: volumes not a Remote Mirror and Copy pair

Explanation

The operation references logical volumes that are not a Remote Mirror and Copy pair.

Action

Specify a valid Remote Mirror and Copy pair, and then resubmit the task.

CMUN03066E *SOURCE* Copy Services operation failure: no volume zero on secondary logical subsystem. Contact IBM technical support for assistance.

Explanation

The management console server reports a Copy Services error.

Action

Contact IBM technical support for assistance.

CMUN03067E *SOURCE* Copy Services operation failure: configuration does not exist

Explanation

The specified configuration does not exist or the specified logical subsystem is incorrect.

Action

Ensure that the correct pair and the correct logical subsystem are specified, and then resubmit the task.

CMUN03068E *SOURCE* Copy Services operation failure: not ready for resynchronization

Explanation

Both the source and target volumes must be suspended before they can be resynchronized.

Action

Suspend the volumes, and then resubmit the task.

CMUN03069E *SOURCE* **Pair capacity mismatch****Explanation**

The capacity of a target volume must be greater than or equal to the size of the source volume. The target volume is too small.

Action

Specify a target volume that is larger than or equal to the size of the source volume, and then resubmit the task.

CMUN03070E *SOURCE* **Copy Services operation failure: pairs remain****Explanation**

The path cannot be removed because Remote Mirror and Copy pairs are currently using the path.

Action

Remove the Remote Mirror and Copy pairs, and then resubmit the task.

CMUN03071E *SOURCE* **Copy Services operation failure: invalid parameter. Contact IBM technical support for assistance.****Explanation**

The management console server reports a Copy Services error.

Action

Contact IBM technical support for assistance.

CMUN03072E *SOURCE* **Copy Services operation failure: invalid track. Contact IBM technical support for assistance.****Explanation**

The management console server reports a Copy Services error. A defective track has been accessed.

Action

Contact IBM technical support for assistance.

CMUN03073E *SOURCE* **Copy Services operation failure: One or more path establish tasks has failed.****Explanation**

The management console server reports a Copy Services error. The path establish task failed for one or more paths to the secondary host port adapter.

Action

Query the paths to determine the status of the failed path, and verify host port compatibility between the source and target ports of the failed path. If the problem persists, contact IBM technical support for assistance.

CMUN03074E *SOURCE* The establish Metro Mirror path task cannot be initiated because the task would result in an unsupported configuration of logical subsystem pairs or logical paths.

Explanation

There can be no more than four logical subsystem pairs that are configured to originate from a particular source logical subsystem. Each logical subsystem pair that originates from a particular source logical subsystem can be configured to a different target logical subsystem, and each target logical subsystem can reside on a different storage unit.

Also, there can be no more than eight logical paths that are configured for a logical subsystem pair.

Action

Ensure that you specify the correct source and target volumes. If there are four logical subsystem pairs already configured to originate from the source logical subsystem, remove an existing logical subsystem pair that is not being used, and resubmit the task. If there are eight logical paths already configured for the logical subsystem pair on which you want to establish a new path, remove an existing logical path that is not being used from the logical subsystem pair, and resubmit the task.

CMUN03075E *SOURCE* Copy Services operation failure: path timeout. Contact IBM technical support for assistance.

Explanation

The management console server reports a Copy Services error. Communication to the secondary timed out.

Action

Contact IBM technical support for assistance.

CMUN03076E *SOURCE* Operation failure: path type mismatch. Contact IBM technical support for assistance.

Explanation

ESCON and FCP paths cannot be established over the same hardware. A path of the other type already exists.

Action

Contact IBM technical support for assistance.

CMUN03077E *SOURCE* Copy Services operation failure: pinned data**Explanation**

A Remote Mirror and Copy establish pair action is being issued against a logical volume that is suspended with pinned data. A relationship cannot be established using a suspended logical volume that has pinned data.

Action

Consider carefully before you discard pinned data. You might want to specify a different logical volume. Place both logical volumes in the simplex state, and then resubmit the task.

CMUN03078E *SOURCE* Copy Services operation failure: pinned data**Explanation**

A Remote Mirror and Copy or FlashCopy pair action is being issued against a logical volume that has pinned data. A relationship cannot be established using a logical volume with pinned data.

Action

Consider carefully before you discard pinned data. You might want to specify a different logical volume. Place both logical volumes in the simplex state, and then resubmit the task.

CMUN03079E *SOURCE* Copy Services operation failure: copy pending.
Contact IBM technical support for assistance.**Explanation**

The attempt to suspend a volume fails because the pair is still copy pending. The volume cannot be suspended because data changes are not consistent between the source and target volumes.

Action

Contact IBM technical support for assistance.

CMUN03080E *SOURCE* Copy Services: recovery command rejected**Explanation**

The command to establish a relationship pair in failover or failback mode is being rejected because the pair is already in the requested state.

Action

None.

CMUN03081E *SOURCE* Copy Services operation failure: secondary command invalid. Contact IBM technical support for assistance.

Explanation

The management console server reports a Copy Services error. A command that is not allowed on a secondary device is being issued to the secondary device.

Action

Contact IBM technical support for assistance.

CMUN03082E *SOURCE* Copy Services operation failure: Global Mirror invalid transition. Contact IBM technical support for assistance.

Explanation

The management console server reports a Copy Services error. An invalid transition between modes is being attempted. A transition from Global Mirror to any mode other than synchronous mode is not allowed.

Action

Contact IBM technical support for assistance.

CMUN03083E *SOURCE* Copy Services operation failure: preexisting Remote Mirror and Copy pair. Contact IBM technical support for assistance.

Explanation

The management console server reports a Copy Services error. The action conflicts with an existing Remote Mirror and Copy pair that is established on the logical volumes.

Action

Contact IBM technical support for assistance.

CMUN03084E *SOURCE* Copy Services operation failure: busy

Explanation

The management console server reports a Copy Services error. Copy Services is too busy to accept commands.

Action

Resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN03085E *SOURCE* Copy Services operation failure: maximum number of FlashCopy relationships exceeded

Explanation

The maximum number of FlashCopy relationships has been established already.

Action

Remove unnecessary relationships, and then resubmit the command.

CMUN03086E *SOURCE* Copy Services operation failure: volume already in FlashCopy relationship

Explanation

One or both of the volumes specified in the FlashCopy pair is already in a FlashCopy relationship. Volumes can participate in only one FlashCopy relationship at a time.

Action

Specify a different volume, and then resubmit the task.

CMUN03087E *SOURCE* Copy Services operation failure: reverse bitmap non-zero. Contact IBM technical support for assistance.

Explanation

The management console server reports a Copy Services error. The target volume bitmap is not all zeros.

Action

Contact IBM technical support for assistance.

CMUN03088E *SOURCE* Copy Services operation failure: secondary error. Contact IBM technical support for assistance.

Explanation

The management console server reports a Copy Services error. An error on the secondary is causing the command to fail. The secondary controller cache might not be enabled or nonvolatile storage might not be available.

Action

Contact IBM technical support for assistance.

CMUN03089E *SOURCE* Copy Services operation failure: session already open. Contact IBM technical support for assistance.

Explanation

The specified session is already open for the logical subsystem or the maximum number of sessions allowed has been reached.

Action

Contact IBM technical support for assistance.

CMUN03090E *SOURCE* Copy Services operation failure: session command not defined. Contact IBM technical support for assistance.

Explanation

The management console server reports a Copy Services error. The submitted session command was not properly defined.

Action

Contact IBM technical support for assistance.

CMUN03091E *SOURCE* Copy Services operation failure: session members not defined

Explanation

The management console server reports a Copy Services error. The submitted session members are not defined.

Action

Specify valid logical volumes for the session members, and then resubmit the task.

CMUN03092E *SOURCE* Copy Services operation failure: session not open

Explanation

The session that is specified for member management is not open.

Action

Open the session, and then resubmit the task.

CMUN03093E *SOURCE* **Copy Services operation failure: invalid session number**

Explanation

The specified session number is invalid. A session number is an integer between 1 and 255 inclusive.

Action

Specify a valid session number, and then resubmit the task.

CMUN03094E *SOURCE* **Operation failure: status cannot be determined. Contact IBM technical support for assistance.**

Explanation

Status cannot be determined for one of the following reasons:

- Unable to locate the global subsystem status tracks
- Unable to establish the status of a Remote Mirror and Copy pair or a DASD fast write volume
- Unable to access the RAID rank that the data is stored on
- Unable to access a directory for a subsystem
- Unable to synchronize the volume with data in the nonvolatile store

Action

Contact IBM technical support for assistance.

CMUN03095E *SOURCE* **Copy Services operation failure: subordinate count out of range. Contact IBM technical support for assistance.**

Explanation

The management console server reports a Copy Services error. The specified subordinate count is out of range. The subordinate count must be between 0 and 16 inclusive.

Action

Contact IBM technical support for assistance.

CMUN03096E *SOURCE* **Copy Services operation failure: target online**

Explanation

The target volume is online to a host.

Action

Take the target volume offline, and then resubmit the task.

CMUN03097E *SOURCE* Copy Services operation failure: target reserved. Contact IBM technical support for assistance.

Explanation

The target is reserved.

Action

Contact IBM technical support for assistance.

CMUN03098E *SOURCE* Copy Services operation failure: topology missing paths. Contact IBM technical support for assistance.

Explanation

Paths do not exist for specified topology.

Action

Contact IBM technical support for assistance.

CMUN03099E *SOURCE* Copy Services operation failure: VM minidisk. Contact IBM technical support for assistance.

Explanation

The management console server reports a Copy Services error. FlashCopy failed because the volumes are managed by VM minidisk.

Action

Contact IBM technical support for assistance.

CMUN03100E *SOURCE* Copy Services operation failure: volume in session

Explanation

The specified volume is already associated with a session.

Action

Specify a different volume, and then resubmit the task.

CMUN03101E *SOURCE* Copy Services operation failure: volume in use. Contact IBM technical support for assistance.

Explanation

The management console server reports a Copy Services error.

Action

Contact IBM technical support for assistance.

CMUN03102E *SOURCE* Copy Services operation failure: volume inaccessible

Explanation

FlashCopy failed because the volumes are in the inaccessible or offline state.

Action

Make the volumes accessible, and then resubmit the command.

CMUN03103E *SOURCE* Copy Services operation failure: The volume is in a long busy state, not yet configured, not yet formatted, or the source and target volumes are of different types.

Explanation

One of the volumes is not available for the Copy Service operation. This might be because the volume is already participating in a Global Mirror relationship, might not be formatted or configured, or might be of a different type.

Action

Perform one of the following options:

- Check to see if the volume is configured and formatted and is not being accessed in a Copy Services operation, and then resubmit the task.
- Select a volume that is available, and then resubmit the task.

CMUN03104E *SOURCE* Copy Services operation failure: source and target volume mismatch

Explanation

The capacity of the source volume must be less than or equal to the capacity of the target volume, and the volumes must be the same type.

Action

Specify compatible volumes, and then resubmit the task.

CMUN03105E *SOURCE* Copy Services operation failure: volume not restorable. Contact IBM technical support for assistance.

Explanation

The volume is not in a persistent FlashCopy relationship with a completed background copy.

Action

Contact IBM technical support for assistance.

CMUN03106E *SOURCE* **Copy Services operation failure: volume reserved. Contact IBM technical support for assistance.**

Explanation

The management console server reports a Copy Services error. The volume is already reserved.

Action

Contact IBM technical support for assistance.

CMUN03107E *SOURCE* **Copy Services operation failure: volumes in session**

Explanation

The session cannot be closed because volumes still exist in the session.

Action

Remove the session members, and then resubmit the task.

CMUN03108E *SOURCE* **Copy Services operation failure: volumes not found**

Explanation

The management console server reports a Copy Services error. The volumes cannot be found in the Copy Services domain.

Action

Specify known volumes, and then resubmit the task.

CMUN03109E *SOURCE* **Copy Services operation failure: volumes not simplex**

Explanation

Both the source and target volumes must be in the simplex state before you can establish a relationship pair.

Action

Place both the source and target volumes in the simplex state, and then resubmit the task.

CMUN03110E *SOURCE* Copy Services operation failure: warm start occurred. Contact IBM technical support for assistance.

Explanation

A warm start occurred on the storage image while this action was running. The action might or might not have completed.

Action

Contact IBM technical support for assistance.

CMUN03111E *SOURCE* Copy Services operation failure: writes prohibited by suspend

Explanation

Writes are prohibited. The volume is suspended.

Action

Remove the volume from the suspended state, and then resubmit the task.

CMUN03112E *SOURCE* Copy Services operation failure: Global Mirror consistency cannot be maintained. Contact IBM technical support for assistance.

Explanation

The management console server reports a Copy Services error. Consistency cannot be maintained. A paused increment activity has timed out, or another problem has caused the volume to be in an incorrect state.

Action

Contact IBM technical support for assistance.

CMUN03113E *SOURCE* Operation failure: CKD base required

Explanation

A count-key-data base device is required for this operation. A count-key-data alias is specified.

Action

Specify a CKD base device, and then resubmit the task.

CMUN03114E *SOURCE* Unable to establish FlashCopy with fast reverse restore: previous FRR

Explanation

A FlashCopy with fast reverse restore (FRR) cannot be established if a FlashCopy with FRR is still in progress or if one has recently completed.

Action

Wait, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN03115E *SOURCE* Performance statistics cannot be accumulated: LSS not configured

Explanation

A logical subsystem must be configured before performance statistics can be requested. No logical subsystem is configured.

Action

Configure the logical subsystem, and then resubmit the task.

CMUN03116E *SOURCE* Performance statistics cannot be accumulated: resource not configured

Explanation

The rank, extent pool, or I/O port to be queried for performance statistics is not configured.

Action

Configure the resource, and then resubmit the task.

CMUN03117E *SOURCE* Unable to establish FlashCopy or Remote Mirror and Copy pair. A FlashCopy initialization is in progress.

Explanation

The pair cannot be established until initialization completes.

Action

Wait until initialization completes, and then resubmit the task.

CMUN03118E *SOURCE* Copy Services error: Intervention is required.

Explanation

One of the following conditions exists:

- The addressed device is in CE mode.

- The addressed device is not ready.
- The volume configuration of the addressed device is incorrect.

Action

Ensure that the volume is ready, that it is not flagged to be serviced, and that it is correctly configured. If the problem persists, contact IBM technical support for assistance.

CMUN03119E *SOURCE* Hardware error: An unusual hardware condition originates in the channel, drive, or storage unit. Contact IBM technical support for assistance.

Explanation

The management console server reports a hardware error.

Action

Contact IBM technical support for assistance.

CMUN03120E *SOURCE* Copy Services operation failure: The Change Recording feature is already active and has been defined by a different Copy Services task type.

Explanation

The Change Recording feature can be activated by each of the following Copy Services task types:

- Establish FlashCopy
- Global Mirror Create Session
- Metro Mirror Recovery Failover
- Change Recording Control commands

You have attempted to activate the Change Recording feature on a volume that already has the Change Recording feature activated by a different task type than the one that you are attempting.

Action

Ensure that you have selected the correct volume and task. If the problem persists, contact IBM technical support for assistance.

CMUN03121E *SOURCE* The FlashCopy target is a Global Mirror primary volume.

Explanation

You are attempting to establish a FlashCopy relationship, but the FlashCopy target volume that you have selected is the primary volume of a Global Mirror relationship. The primary volume of a Global Mirror relationship is not supported as a target volume of a FlashCopy relationship.

Action

Select a different FlashCopy target or remove the FlashCopy target that you have selected from the Global Mirror relationship, and resubmit the task.

CMUN04000E *SOURCE* Operation failure: Copy Services server failure. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal error. The Copy Services server is failing.

Action

Contact IBM technical support for assistance.

CMUN04001E *SOURCE* Operation failure. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal error.

Action

Contact IBM technical support for assistance.

CMUN04003E *SOURCE* Operation failure: internal error. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal error.

Action

Contact IBM technical support for assistance.

CMUN04004E *SOURCE* Operation failure: invalid parameters

Explanation

The management console server reports an internal error.

Action

Check the format, type, and number of parameters, and then resubmit the task. If the problem persists, contact IBM technical support for assistance

CMUN04005E *SOURCE* Operation failure: node agent 0 fails. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error. An agent is not running on a processor card.

Action

Contact IBM technical support for assistance.

CMUN04006E *SOURCE* Operation failure: node agent 1 fails. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error. An agent is not running on a processor card.

Action

Contact IBM technical support for assistance.

CMUN04007E *SOURCE* Operation failure: resource not found. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal error.

Action

Contact IBM technical support for assistance.

CMUN04008E *SOURCE* Operation failure. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal error.

Action

Contact IBM technical support for assistance.

CMUN04009E *SOURCE* Operation failure: unknown. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal error.

Action

Contact IBM technical support for assistance.

CMUN04010E *SOURCE* Internal Copy Services Error.

Explanation

The management console server reports an internal Copy Services failure. This failure might be caused by an unconfigured logical subsystem or by a failure to communicate with the control unit.

Action

Ensure that the logical subsystem is configured correctly and resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN04011E *SOURCE* Warmstart failure.

Explanation

Once you submit a warmstart task, you must wait a minimum of five minutes before you can submit another warmstart task. The warmstart task that you have just submitted has failed because another warmstart task has been submitted within the past five minutes.

Action

Wait five minutes before you submit another warmstart task.

CMUN04012E *SOURCE* Operation failure. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal error.

Action

Contact IBM technical support for assistance.

CMUN04013E *SOURCE* Operation failure.

Explanation

The management console server reports an internal error.

Action

Resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN04014E *SOURCE* **Operation failure. Contact IBM technical support for assistance.**

Explanation

The management console server reports an internal error.

Action

Contact IBM technical support for assistance.

CMUN04015E *SOURCE* **At least one of the storage unit server enclosure processor cards is not connected.**

Explanation

All of the server enclosure processor cards for the storage unit must be connected to submit the task.

Action

Verify that all of the server enclosure processor cards for the storage unit are connected and resubmit the task.

CMUN04016E *SOURCE* **Operation failure. Contact IBM technical support for assistance.**

Explanation

The management console server reports an internal error.

Action

Contact IBM technical support for assistance.

CMUN04017E *SOURCE* **Operation failure. Contact IBM technical support for assistance.**

Explanation

The management console server reports an internal error.

Action

Contact IBM technical support for assistance.

CMUN05000E *SOURCE* **Operation failure: peer management console is busy**

Explanation

The management console server reports a storage unit microcode-level error. The repository of the peer management console is being updated and is not available.

Action

Wait five minutes then use the security recovery utility to synchronize both peers, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN05001E *SOURCE* Operation failure: duplicate user name in the repository of the peer management console

Explanation

There is a duplicate entry for the specified user name in the repository of the peer management console.

Action

Use the security recovery utility to synchronize both peer management consoles. If the problem persists, contact IBM technical support for assistance.

CMUN05002E *SOURCE* Operation failure: duplicate user name in the repository of the local management console

Explanation

You are attempting to create a user name that already exists on the local management console.

Action

Create a new user name that does not already exist and resubmit the task.

CMUN05003E *SOURCE* Operation failure: communication failure between peer management consoles.

Explanation

The local management console that you are using has failed to communicate with the peer management console. This can cause the peer management consoles to become unsynchronized.

Action

Ensure that the peered management console is powered on and is available. If the peered management console is available but the problem persists, use the security recovery utility to synchronize the peer management consoles. If the problem still persists, contact IBM technical support for assistance.

CMUN05004E *SOURCE* Operation failure: group not found in repository of the peer management console

Explanation

The specified user group name cannot be found in the repository of the peer management console.

Action

Use the security recovery utility to synchronize both peers. If the problem persists, contact IBM technical support for assistance.

CMUN05005E *SOURCE* **Operation failure: group not found in the repository of the local management console. Contact IBM technical support for assistance.**

Explanation

The management console server reports an internal security error.

Action

Contact IBM technical support for assistance.

CMUN05006E *SOURCE* **Operation failure: invalid user account name**

Explanation

A user account name must be supplied.

Action

Specify a valid user account name, and then resubmit the task.

CMUN05007E *SOURCE* **Operation failure: local busy**

Explanation

The management console server reports a storage unit microcode-level error. The repository of the local management console is being updated and is not available.

Action

Wait, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN05008E *SOURCE* **Operation failure. Contact IBM technical support for assistance.**

Explanation

The management console server reports an internal security error.

Action

Contact IBM technical support for assistance.

CMUN05009E *SOURCE* **Operation failure: maximum number of accounts reached on the repository of the peer management console**

Explanation

The number of user accounts on the repository of the peer management console is at the maximum allowed. No more accounts can be created.

Action

Remove unused accounts and then resubmit the task.

CMUN05010E *SOURCE* **Operation failure: maximum number of accounts reached on the repository of the local management console**

Explanation

The number of user accounts on the repository of the local management console is at the maximum allowed. No more accounts can be created.

Action

Increase the limit or remove unused accounts, and then resubmit the task.

CMUN05012E *SOURCE* **Operation failure: incorrect password format**

Explanation

The password that you specified does not meet password format requirements. Passwords must contain at least 5 alphabetic characters, and at least one numeric character, with an alphabetic character in the first and last positions. Passwords are limited to a total of 16 characters. The user name can not be part of the password. The minimum number of unique new passwords that must be used before an old password can be reused is four.

Action

Specify a valid password, and then resubmit the task.

CMUN05013E *SOURCE* **Operation failure: password same as previous password**

Explanation

A user account password cannot be used again.

Action

Specify a password that has not been used previously, and then resubmit the task.

CMUN05014E *SOURCE* **Operation failure: The repository on the peer management console is not accessible for an unknown reason. Contact IBM technical support for assistance.**

Explanation

The management console server reports an internal security error.

Action

Contact IBM technical support for assistance.

CMUN05015E *SOURCE* **Operation failure: the repository of the local management console is not accessible. Contact IBM technical support for assistance.**

Explanation

The management console server reports an internal security error.

Action

Contact IBM technical support for assistance.

CMUN05016E *SOURCE* **Operation failure: request timed out**

Explanation

The management console server reports an internal security error. A security request is timing out. The repository of the peer management console might not be responding.

Action

Use the security recovery utility to synchronize both peer management consoles. If the problem persists, contact IBM technical support for assistance.

CMUN05017E *SOURCE* **Operation failure: internal error in the repository of the peer management console. Contact IBM technical support for assistance.**

Explanation

The management console server reports an internal security error.

Action

Contact IBM technical support for assistance.

CMUN05018E *SOURCE* Operation failure: internal error in the repository of the local management console. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal security error.

Action

Contact IBM technical support for assistance.

CMUN05019E *SOURCE* Operation failure: settings entry not found in the repository of the peer management console

Explanation

The management console server reports an internal security error.

Action

Use the security recovery tool to synchronize both peer management consoles.

CMUN05020E *SOURCE* Operation failure: settings entry not found in the repository of the local management console. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal security error.

Action

Contact IBM technical support for assistance.

CMUN05021E *SOURCE* Operation failure: user not found in the repository of the peer management console

Explanation

The specified user name cannot be found in the repository of the peer management console.

Action

Use the security recovery utility to synchronize both peers, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN05022E *SOURCE* Operation failure: user not found in the repository of the local management console

Explanation

The specified user name cannot be found in the repository of the local management console.

Action

Specify a valid user name, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN05025E *SOURCE* The operation has failed to change the Replication Manager password on logical partition 0. Contact IBM technical support for assistance.

Explanation

The failure to change the Replication Manager password on logical partition 0 might be caused by a failure to communicate with logical partition 0. If you attempted to change the password on logical partition 1 in addition to 0, that operation has succeeded.

Action

Contact IBM technical support for assistance.

CMUN05026E *SOURCE* The operation has failed to change the Replication Manager password on logical partition 1. Contact IBM technical support for assistance.

Explanation

The failure to change the Replication Manager password on logical partition 1 might be caused by a failure to communicate with logical partition 1. If you attempted to change the password on logical partition 0 in addition to 1, that operation has succeeded.

Action

Contact IBM technical support for assistance.

CMUN05027E *SOURCE* The operation has failed to change the Replication Manager password on logical partitions 0 and 1. Contact IBM technical support for assistance.

Explanation

The failure to change the Replication Manager password might be caused by a failure to communicate with logical partitions 0 and 1.

Action

Contact IBM technical support for assistance.

CMUN06000E *SOURCE* Operation failure: unable to connect

Explanation

The management console server reports an internal service advisor error. A code load fails, possibly because of a communication failure.

Action

Check for cabling and hardware problems, and follow the recommended service procedure. If the problem persists, contact IBM technical support for assistance.

CMUN06001E *SOURCE* Operation failure: unable to copy code

Explanation

The service advisor is unable to copy the code bundle to the storage unit.

Action

This problem might be temporary. Ensure that there is network connectivity to the storage unit. Verify that you can log in to the storage unit and that no other administrators are attempting to copy code or activate a code load. If the problem persists, contact IBM technical support for assistance.

CMUN06002E *SOURCE* Operation failure: unable to copy log files. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal service advisor error.

Action

Contact IBM technical support for assistance.

CMUN06003E *SOURCE* Operation failure: unable to copy PE package. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal service advisor error.

Action

Contact IBM technical support for assistance.

CMUN06004E *SOURCE* **Operation failure: unable to copy SA logs to the PE package**

Explanation

The management console server reports an internal service advisor error.

Action

Submit the command from the management console with administrator authority. If the problem persists, then re-install the management console server software. If the problem still persists, contact IBM technical support for assistance.

CMUN06005E *SOURCE* **Operation failure: unable to copy statesave. Contact IBM technical support for assistance.**

Explanation

The management console server reports an internal service advisor error.

Action

Contact IBM technical support for assistance.

CMUN06006E *SOURCE* **Operation failure: unable to create PE package. Contact IBM technical support for assistance.**

Explanation

The management console server reports an internal service advisor error. The storage unit might not have sufficient disk space available.

Action

Contact IBM technical support for assistance.

CMUN06007E *SOURCE* **Operation failure: results list is empty. Contact IBM technical support for assistance.**

Explanation

The management console server reports an internal service advisor error.

Action

Contact IBM technical support for assistance.

CMUN06008E *SOURCE* **Operation failure: console server exception returned to SA. Contact IBM technical support for assistance.**

Explanation

The management console server reports an internal service advisor error.

Action

Contact IBM technical support for assistance.

CMUN06009E *SOURCE* **Operation failure: unable to retrieve list of hardware resources. Contact IBM technical support for assistance.**

Explanation

The management console server reports an internal service advisor error.

Action

Contact IBM technical support for assistance.

CMUN06010E *SOURCE* **Operation failure: unable to retrieve list of network ports. Contact IBM technical support for assistance.**

Explanation

The management console server reports an internal service advisor error.

Action

Contact IBM technical support for assistance.

CMUN06011E *SOURCE* **Operation failure: unable to retrieve password. Contact IBM technical support for assistance.**

Explanation

The management console server reports an internal service advisor error.

Action

Contact IBM technical support for assistance.

CMUN06012E *SOURCE* **Operation failure: unable to retrieve list of storage servers. Contact IBM technical support for assistance.**

Explanation

The management console server reports an internal service advisor error.

Action

Contact IBM technical support for assistance.

CMUN06013E *SOURCE* **Operation failure: unable to retrieve software version. Contact IBM technical support for assistance.**

Explanation

The management console server reports an internal service advisor error.

Action

Contact IBM technical support for assistance.

CMUN06014E *SOURCE* **Operation failure: unable to retrieve trace service. Contact IBM technical support for assistance.**

Explanation

The management console server reports an internal service advisor error.

Action

Contact IBM technical support for assistance.

CMUN06015E *SOURCE* **Operation failure: unable to extract Jar file for package bundle**

Explanation

The management console server reports an internal service advisor error. The code load bundle that was downloaded to the management console is corrupted.

Action

Download a new copy of the code bundle and try again. If the problem persists, contact IBM technical support for assistance.

CMUN06016E *SOURCE* **Operation failure: file or directory not found**

Explanation

The management console server reports an internal service advisor error.

Action

Ensure that the destination and source directories on the management console are valid. If the problem persists, contact IBM technical support for assistance.

CMUN06017E *SOURCE* **Operation failure: FTP failure**

Explanation

The management console server reports an internal service advisor error. Problem determination data cannot be sent to IBM using file transfer protocol.

Action

1. Ensure that all the files in directory %MR1750_SM_HOME%\send2IBM are valid and can be transferred by FTP.
2. Ensure that directory %MR1750_SM_HOME%\send2IBM\sent is accessible.
3. Ensure that network connectivity and firewall access is available.
4. Attempt to resend the data again.
5. If the problem persists, contact IBM technical support for assistance.

CMUN06018E *SOURCE* Unable to activate code load: incompatible hardware and code versions**Explanation**

Code load cannot be activated on the storage unit. The hardware on the storage unit is not compatible with the code bundle that you are attempting to load.

Action

Ensure that the engineering change level of the storage unit and the code bundle version level are compatible, and then try again. If the hardware and code versions should be compatible, contact IBM technical support for assistance.

CMUN06019E *SOURCE* Unable to activate code load: incompatible software version in package bundle**Explanation**

Code load cannot be activated on the storage unit. The bundle version and the current storage unit software version are incompatible for concurrent code load.

Action

Either perform a nonconcurrent code load or choose a bundle level that is compatible with the microcode version that is currently running on the storage unit. If you still cannot activate the code load, contact IBM technical support for assistance.

CMUN06020E *SOURCE* Operation failure: invalid code bundle**Explanation**

The management console server reports an internal service advisor error. The code bundle that was copied to the management console is not valid.

Action

Download a new copy of the code bundle and try again. If the problem persists, contact IBM technical support for assistance.

CMUN06021E *SOURCE* **Operation failure: invalid file or directory****Explanation**

The management console server reports an internal service advisor error.

- Environment variables might not be set properly.
- This command can be run from the management console only.

Action

1. Submit the command from the management console with administrator authority.
2. If the problem persists, then re-install the management console server software.
3. If the problem still persists, contact IBM technical support for assistance.

CMUN06022E *SOURCE* **Operation failure: unable to load code bundle****Explanation**

The management console server reports an internal service advisor error. The management console server software installation might have failed or the code bundle might not be valid.

Action

1. Download a new copy of the code bundle and try to load it again.
2. If the problem persists, then reinstall the management console server software.
3. If the problem persists, contact IBM technical support for assistance.

CMUN06023E *SOURCE* **Operation failure: unable to mark statesave.
Contact IBM technical support for assistance.****Explanation**

The management console server reports an internal service advisor error.

Action

Contact IBM technical support for assistance.

CMUN06024E *SOURCE* **Operation failure: possible invalid code bundle****Explanation**

The management console server reports an internal service advisor error. The code bundle might not be valid.

Action

Download a new copy of the code bundle and try again. If the problem persists, contact IBM technical support for assistance.

CMUN06025E *SOURCE* **Operation failure: unable to open file. Contact IBM technical support for assistance.**

Explanation

The management console server reports an internal service advisor error.

Action

Contact IBM technical support for assistance.

CMUN06026E *SOURCE* **Operation failure: an external utility does not run**

Explanation

The utility might not run for one of the following reasons:

- The utility invoked by the service advisor does not exist or the utility has been moved.
- You are not invoking the utility from the management console.
- The management console server software installation failed.

Action

1. Ensure that the PUTTY command is installed properly and its location is specified in the PATH environment variable.
2. Ensure that %MR1750_SM_HOME%\bin is specified in the PATH environment variable.
3. Run the command from the management console with administrator authority.
4. If the problem persists, then reinstall the management console server software.
5. If the problem still persists, contact IBM technical support for assistance.

CMUN06027E *SOURCE* **Operation failure: thread interrupted. Contact IBM technical support for assistance.**

Explanation

The management console server reports an internal service advisor error. The program is interrupted for an unknown reason.

Action

Contact IBM technical support for assistance.

CMUN06028E *SOURCE* **Operation failure: timeout**

Explanation

The management console server reports an internal service advisor error. The program times out before it completes.

Action

This might be a temporary problem. Resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN06029E *SOURCE* Operation failure: unknown operating system

Explanation

The management console server reports an internal service advisor error. An unknown operating system is detected.

Action

Install the management console server on a supported operating system. If the problem persists, contact IBM technical support for assistance.

CMUN06030E *SOURCE* Operation failure: environment variable not found

Explanation

The service advisor relies on environment variables that are initialized when the management console server software is installed. The management console server software installation might have failed.

Action

Submit the command from the management console. If the problem persists, then re-install the management console server software. If the problem still persists, contact IBM technical support for assistance.

CMUN06031E *SOURCE* Operation failure: unable to compress all files to zip file. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal service advisor error.

Action

Contact IBM technical support for assistance.

CMUN06032E *SOURCE* Unable to copy new code bundle. A code load is in progress.

Explanation

The operation is not permitted while a code load is in progress.

Action

Wait until the code load completes, and then resubmit the task.

CMUN06033E *SOURCE* Unable to copy new code bundle. Another copy is in progress.

Explanation

The operation is not permitted while another copy is in progress.

Action

Wait until the code copy completes, and then resubmit the task.

CMUN06034E *SOURCE* Operation failure: unable to close file. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal service advisor error.

Action

Contact IBM technical support for assistance.

CMUN06035E *SOURCE* Operation failure: FTP connection refused

Explanation

The management console server reports an internal service advisor error. Problem determination data cannot be sent to IBM using file transfer protocol because the connection to testcase.boulder.ibm.com was refused.

Action

1. Ensure that all the files in directory %MR1750_SM_HOME%\send2IBM are valid and can be transferred by FTP.
2. Ensure that directory %MR1750_SM_HOME%\send2IBM\sent is accessible.
3. Ensure that network connectivity and firewall access is available.
4. Attempt to resend the data again.
5. If the problem persists, contact IBM technical support for assistance.

CMUN06036E *SOURCE* Operation failure: file list not found. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal service advisor error.

Action

Contact IBM technical support for assistance.

CMUN06037E *SOURCE* **Operation failure: invalid FTP directory****Explanation**

The system cannot access the %MR1750_SM_HOME%\send2IBM\sent directory on the management console. There might have been a problem with the management console server software installation, or you might not be complying with prerequisites to use this function. For example, you might not have system permissions to access the directory.

Action

1. Ensure that all the prerequisites are met, and then resubmit the command from the management console.
2. If the problem persists, reinstall the management console server software.
3. If the problem still persists, contact IBM technical support for assistance.

CMUN06038E *SOURCE* **Operation failure: invalid send2IBM directory****Explanation**

The system cannot access the %MR1750_SM_HOME%\send2IBM directory on the management console. There might have been a problem with the management console server software installation, or you might not be complying with prerequisites to use this function. For example, you might not have system permissions to access the directory.

Action

1. Ensure that all the prerequisites are met, and resubmit the command from the management console.
2. If the problem persists, reinstall the management console server software.
3. If the problem still persists, contact IBM technical support for assistance.

CMUN06039E *SOURCE* **Unable to access node 0 of the storage unit.**
This problem might be temporary.**Explanation**

The management console server reports a problem accessing node 0 of the storage unit. This problem might be temporary.

Action

Resubmit the command from the management console. If the problem persists, contact IBM technical support for assistance.

CMUN06040E *SOURCE* **Unable to access node 1 of the storage unit.**
This problem might be temporary.**Explanation**

The management console server reports a problem accessing node 1 of the storage unit. This problem might be temporary.

Action

Resubmit the command from the management console. If the problem persists, contact IBM technical support for assistance.

CMUN06041I *SOURCE* There are no statesave files that are ready to copy from the storage unit to the management console.

Explanation

The management console server cannot find any statesave files on the storage unit that are ready to copy. One reason might be that a statesave operation has not completed, because a statesave operation might not complete immediately. After you copy successfully a statesave file from the storage unit to the management console, the statesave file on the storage unit has a status of Copied, and it cannot be copied again to the management console. Only statesave files with a status of Ready can be copied to the management console.

Action

If you recently initiated a statesave operation, wait 30 minutes for the statesave operation to complete. Collect problem determination data, and contact IBM technical support for assistance.

CMUN06042E *SOURCE* You are attempting to transfer a file from the management console to the storage unit and the file transfer task has failed because there is not enough space for the file on the storage unit. Contact IBM technical support for assistance.

Explanation

There must be at least as much free space on the storage unit as the size of the file that you are attempting to transfer to the storage unit.

Action

Contact IBM technical support for assistance.

CMUN07000E *SOURCE* Unable to prepare for service: The DDM is part of a degraded array.

Explanation

The degraded array must be repaired before this task can succeed.

Action

Repair the degraded array, and then resubmit the task.

CMUN07001E *SOURCE* **Unable to prepare for service: The DDM is part of an exposed array.**

Explanation

The exposed array must be repaired before this task can succeed.

Action

Repair the exposed array, and then resubmit the task.

CMUN07002E *SOURCE* **Unable to prepare for service: No spare DDM can be found in the array.**

Explanation

The array must contain a functioning spare disk drive module before this task can continue.

Action

Create a spare by replacing failed disk drive modules in the array, or by adding more disks drives to the array. Resubmit the task when the array has a functioning spare.

CMUN07003E *SOURCE* **Unable to prepare for service: The DDM is a component of an offline array.**

Explanation

The array must be online before this task can continue.

Action

Place the array online, and then resubmit the task.

CMUN07004E *SOURCE* **Unable to prepare for service: The DDM is a component of an array that is rebuilding.**

Explanation

The array rebuild must complete before this task can continue.

Action

Wait until the array rebuild completes, and then resubmit the task.

CMUN07005E *SOURCE* Unable to prepare for service: The array containing this DDM cannot be determined.

Explanation

The management console server reports an internal service error. The disk drive module cannot be identified as a member of a known array.

Action

Ensure that the disk drive module is specified correctly, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN07006E *SOURCE* Battery activation failure. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal service error.

Action

Contact IBM technical support for assistance.

CMUN07007E *SOURCE* Unable to prepare battery for service. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal service error.

Action

Contact IBM technical support for assistance.

CMUN07008E *SOURCE* Unable to prepare battery for service: incorrect state. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal service error.

Action

Contact IBM technical support for assistance.

CMUN07009E *SOURCE* Unable to resume battery backup unit: not allowed. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal service error.

Action

Contact IBM technical support for assistance.

CMUN07010E *SOURCE* **Battery activation failure. Contact IBM technical support for assistance.**

Explanation

The management console server reports an internal service error.

Action

Contact IBM technical support for assistance.

CMUN07011E *SOURCE* **Unable to prepare DDM for service. Contact IBM technical support for assistance.**

Explanation

The management console server reports an internal service error.

Action

Contact IBM technical support for assistance.

CMUN07012E *SOURCE* **Unable to prepare DDM for service: not allowed in current state. Contact IBM technical support for assistance.**

Explanation

The management console server reports an internal service error.

Action

Contact IBM technical support for assistance.

CMUN07013E *SOURCE* **Unable to resume DDM operation: not allowed. Contact IBM technical support for assistance.**

Explanation

The management console server reports an internal service error.

Action

Contact IBM technical support for assistance.

CMUN07014E *SOURCE* Unable to install or resume enclosure operation. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal service error.

Action

Contact IBM technical support for assistance.

CMUN07015E *SOURCE* Unable to prepare enclosure for service. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal service error.

Action

Contact IBM technical support for assistance.

CMUN07016E *SOURCE* Unable to prepare enclosure for service: not allowed in current state. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal service error.

Action

Contact IBM technical support for assistance.

CMUN07017E *SOURCE* Unable to resume enclosure operation: not allowed. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal service error.

Action

Contact IBM technical support for assistance.

CMUN07018E *SOURCE* Install or resume operation failure. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal service error.

Action

Contact IBM technical support for assistance.

CMUN07019E *SOURCE* Unable to prepare fibre-channel interface card for service. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal service error.

Action

Contact IBM technical support for assistance.

CMUN07020E *SOURCE* Unable to prepare for service: not allowed in current state. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal service error.

Action

Contact IBM technical support for assistance.

CMUN07021E *SOURCE* Unable to resume operation: not allowed. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal service error.

Action

Contact IBM technical support for assistance.

CMUN07022E *SOURCE* Unable to install or resume front display panel operation. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal service error.

Action

Contact IBM technical support for assistance.

CMUN07023E *SOURCE* Unable to prepare front display panel for service. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal service error.

Action

Contact IBM technical support for assistance.

CMUN07024E *SOURCE* Unable to prepare front display panel for service: not allowed in current state. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal service error.

Action

Contact IBM technical support for assistance.

CMUN07025E *SOURCE* Unable to resume front display panel operation: not allowed. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal service error.

Action

Contact IBM technical support for assistance.

CMUN07026E *SOURCE* The install or resume operation for the processor card fails. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal service error.

Action

Contact IBM technical support for assistance.

CMUN07027E *SOURCE* Unable to prepare integrated RAID controller for service. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal service error.

Action

Contact IBM technical support for assistance.

CMUN07028E *SOURCE* Unable to prepare integrated RAID controller for service: not allowed in current state. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal service error.

Action

Contact IBM technical support for assistance.

CMUN07029E *SOURCE* The resume operation is not allowed for this integrated RAID controller. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal service error.

Action

Contact IBM technical support for assistance.

CMUN07030E *SOURCE* Unable to install or resume operation. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal service error.

Action

Contact IBM technical support for assistance.

CMUN07031E *SOURCE* Unable to prepare for service. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal service error.

Action

Contact IBM technical support for assistance.

CMUN07032E *SOURCE* Unable to prepare for service: not allowed in current state. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal service error.

Action

Contact IBM technical support for assistance.

CMUN07033E *SOURCE* Unable to resume operation: not allowed. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal service error.

Action

Contact IBM technical support for assistance.

CMUN07034E *SOURCE* Unable to install or resume rear display panel operation. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal service error.

Action

Contact IBM technical support for assistance.

CMUN07035E *SOURCE* Unable to prepare rear display panel for service. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal service error.

Action

Contact IBM technical support for assistance.

CMUN07036E *SOURCE* Unable to prepare rear display panel for service: not allowed in current state. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal service error.

Action

Contact IBM technical support for assistance.

CMUN07037E *SOURCE* Unable to resume rear display panel operation: not allowed. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal service error.

Action

Contact IBM technical support for assistance.

CMUN08000E *SOURCE* The close problem log entry task has failed because the problem log entry that you have selected is already closed or does not exist.

Explanation

You are attempting to close a problem log entry that is already closed or does not exist.

Action

Ensure that the problem log entry that you are attempting to close exists and is not already closed. Resubmit the close problem log entry task. If the problem persists, contact IBM technical support for assistance.

CMUN08001E *SOURCE* The Create test problem record task has failed because of insufficient resources. Wait a few minutes and then resubmit the task.

Explanation

The management console server reports an internal problem log error.

Action

Wait a few minutes and resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN08002W *SOURCE* The test Call Home connection has initiated successfully.

Explanation

Initialization is only the first of several steps that are required before this operation completes. The test Call Home connection generates an error entry in the problem log if any of the other steps fail and the operation does not successfully deliver a test Call Home message.

Action

Check the problem log for test Call Home connection error entries.

CMUN80000E *REFERENCE* **The DS Network server is unavailable.**

Explanation

The connection to the DS Network server is established immediately after the user login to the GUI application. The DS Network server cannot be reached over the TCP/IP network or over a local connection. The DS Network server might not be enabled, a network problem might exist, or the DS Network server might be refusing connections because too many clients are connected.

Action

Ensure that the network is functioning properly and the DS network server is enabled. If too many clients are connected, wait until the DS Network server has fewer clients. Resubmit the task. If the problem persists, log out of the GUI application and log in again and resubmit the task.

CMUN80001E *REFERENCE* **An error occurs while communicating with the management console server.**

Explanation

This message is displayed only if a specific management console server error is not available. The problem might be temporary, due to heavy network traffic, or it might be a more serious condition.

Action

Check network traffic to determine if unusual workloads exist. Check for network adapter hardware errors, configuration changes, or address changes. Resubmit the task. If the problem persists, contact IBM technical support.

CMUN80002E *REFERENCE* **The client code is not at the same version level as the management console server code.**

Explanation

The client and management console server code are at different version levels. This can cause miscommunication between the client and server.

Action

Ensure that both client and server code are at the same version level.

CMUN80003E *REFERENCE* Information for this resource cannot be retrieved.

Explanation

The query for information for this resource cannot run. No specific information about the cause of the failure is available.

Action

Ensure that the correct version of software has been installed. If the problem persists, contact IBM technical support.

CMUN80004E *REFERENCE* The resource cannot be created.

Explanation

You attempting to create a resource, but an error occurs and the creation cannot be committed. No specific information about the cause of the failure is available.

Action

Ensure that the correct version of software has been installed. Resubmit the task. If the problem persists, contact IBM technical support.

CMUN80005E *REFERENCE* An error occurs while committing configuration changes.

Explanation

You are attempting to configure a resource, but an error occurs and the configuration cannot be committed. No specific information about the cause of the failure is available.

Action

Ensure that the correct version of software has been installed. Resubmit the task. If the problem persists, contact IBM technical support.

CMUN80006E *REFERENCE* The information for this resource cannot be retrieved.

Explanation

The query for information on extent usage for the resource cannot run. No specific information about the cause of the failure is available.

Action

Ensure that the correct version of software has been installed. Resubmit the task. If the problem persists, contact IBM technical support.

CMUN80007E *REFERENCE* Information for this resource cannot be retrieved.

Explanation

No specific information about the cause of the failure is available.

Action

Ensure that the correct version of software has been installed. Resubmit the task. If the problem persists, contact IBM technical support.

CMUN80008E *REFERENCE* Unknown error

Explanation

While querying for data or committing changes, an error of unknown origin occurs. No specific information about the cause of the failure is available.

Action

Ensure that the correct version of software has been installed. Resubmit the task. If the problem persists, contact IBM technical support.

CMUN80009E *REFERENCE* The attributes specified for the resource are not valid.

Explanation

You are attempting to create or modify a resource and the system detects one or more attributes that are not valid for that resource.

Action

Ensure that the resource attributes are valid, and then resubmit the task.

CMUN80010E *REFERENCE* You are not authorized to perform this action through the management console.

Explanation

You are attempting to perform an action for which you have no authorization.

Action

Contact your system administrator to change your authorization level. Resubmit the task.

CMUN80011E *REFERENCE* The connection cannot be made because authentication information is invalid.

Explanation

The authentication information is invalid.

Action

Ensure that correct authentication information is entered. Resubmit the task.

CMUN80012E *REFERENCE* **The IP address of the host cannot be determined.**

Explanation

The IP address cannot be determined for the host name that you entered.

Action

Provide the correct host name and IP address, and then resubmit the task.

CMUN80013E *REFERENCE* **Task execution failure: timeout**

Explanation

The management console server reports a timeout error because the management console server or the storage image cannot complete the submitted task within the expected time period.

Action

Wait until the server or storage unit is less busy. Resubmit the task.

Note: If your task involved storage unit configuration changes, first check to see if the task was partially completed before the failure occurred.

CMUN80014E *REFERENCE* **Invalid parameter**

Explanation

The management console server reports one or more invalid parameters in the specification.

Action

Ensure that the format and data type of the specified parameters are correct. Resubmit the task.

CMUN80015E *REFERENCE* **Resource not found**

Explanation

The management console server cannot find the specified resource.

Action

Ensure that the resource is configured on the storage complex and is specified correctly in the task. Resubmit the task.

CMUN80016E *REFERENCE* The management console server reports an internal error.

Explanation

The management console server reports an internal error.

Action

Ensure that the correct version of the server software has been installed. Resubmit the task. If the problem persists, call technical support.

CMUN80017E *SOURCE* Copy Services communications error

Explanation

While communicating with the Copy Services server, the management console server reported an error

Action

This might be a temporary problem due to unusually high network traffic. Resubmit the task. If the problem persists, call technical support.

CMUN80018E *SOURCE* Authentication failure: Your account is locked. See the information center for more information.

Explanation

The management console server reports an authentication failure. Your account is locked. Access is denied until your account is unlocked by an administrative user.

Action

Unlock your user account. You must have administrative-level authority to unlock a user account. To unlock the default admin user account, an administrative user must use the security recovery utility to unlock the "admin" account and reset the password for that account.

CMUN80019E *SOURCE* Authentication failure: The security database is not accessible. Contact IBM technical support for assistance.

Explanation

The management console server reports an authentication failure. The security database is not accessible.

Action

Contact IBM technical support for assistance.

CMUN80020E *SOURCE* **Authentication failure: invalid password****Explanation**

The management console server reports an authentication failure. The specified password is invalid.

Action

Specify a valid password, and then resubmit the task.

CMUN80021E *SOURCE* **Authentication failure: Unable to connect to type 2105 machine.****Explanation**

The management console server reports an authentication failure that occurs while you are trying to connect to a machine type 2105 Enterprise Storage Server. Your user name and password might not be correctly defined on the 2105, or the user name and password that you supplied might be incorrect.

Action

Ensure that the user name and password that you specify are correctly defined on the type 2105 system, and then resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN80022E *SOURCE* **Authentication failure: Your password has expired.****Explanation**

The management console server reports an authentication failure. Your password has expired. You must change your password now.

Action

Enter your expired password, and then change your password to a new password.

CMUN80023E *SOURCE* **Authentication failure: Nonexistent account.****Explanation**

The management console server reports an authentication failure. The specified user account does not exist.

Action

Ask your system administrator to create this account and ensure that it is registered in the security database, or log in using a different user name.

CMUN80024E *SOURCE* **Authorization failure: You are not authorized to run this task.**

Explanation

The management console server reports an authentication failure. You are not authorized to run the task.

Action

Ask your system administrator to grant you the necessary permissions to run the task, and then resubmit the task.

CMUN80025E *SOURCE* **Rank creation denied. This rank would exceed the installed LMC feature key enablement. Delete all references to this rank.**

Explanation

The installed license machine code does not permit the creation of additional ranks. Your request to create a rank is denied. A reference to this uncreated rank is visible to make the request and denial history available. This reference can be deleted.

Action

Delete the rank reference. Obtain a license for additional ranks, and then resubmit the task.

CMUN80026E *REFERENCE* **The DS Network Interface server is aware of the storage unit, but unable to communicate with it.**

Explanation

The DS Network Interface server is unable to communicate with the storage unit. The storage unit was previously available, but might now be offline.

Action

Perform the following actions to correct the problem:

- Check that all cables are connected appropriately between the management console and the server enclosure or from the expansion enclosures to the server enclosure. If cables are not connected appropriately, correct the connection and resubmit the task.
- Check that the server enclosure is not currently initializing. If the server is initializing, wait for initialization to complete, and then resubmit the task.
- Check that the server enclosure is online and not powered off as a result of a shutdown, restart, warm start. If the server enclosure is powered off, power on the server enclosure and resubmit the task.
- Check that a code load is not in process. If code is currently being loaded onto the enclosure, wait for it to complete and resubmit the task.

If the problem persists, contact IBM technical support for assistance.

CMUN80027E *REFERENCE* The DS Network Interface server is not aware of the specified storage unit or storage image.

Explanation

The DS Network Interface server is unable to communicate with the storage unit or storage image that you specified because it is not known. You can submit the DS Command-Line Interface (CLI) lssu command to list all the storage units or the CLI lssi command to list all the storage images in a storage complex that are known to the DS Network Interface server.

Action

Specify the correct storage unit or storage image ID and resubmit the task. If you cannot determine the storage unit or storage image ID, contact IBM technical support for assistance.

CMUN80028E *REFERENCE* SCSI host port creation failed. Ensure that both processor cards are operational.

Explanation

The SCSI host port creation failed because only one processor card is operational.

Action

Ensure that both processor cards are operational and resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN80029E *REFERENCE* Initialization process is not yet complete.

Explanation

The initialization is not yet complete. The task will succeed when initialization is complete and at least one rank exists.

Action

Wait several minutes for the initialization to complete and resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN80030E *REFERENCE* Unable to update the number of configured devices. Contact IBM technical support for assistance.

Explanation

The create volume command was successful. However, the management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN80031E *REFERENCE* Unable to update the number of configured devices. Contact IBM technical support for assistance.

Explanation

The delete volume command was successful. However, the management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN80032E *REFERENCE* Invalid SCSI host port profile ID.

Explanation

The profile ID provided for the SCSI host port is invalid.

Action

Provide a valid SCSI host port profile ID and resubmit the task.

CMUN80033E *REFERENCE* Internal error. Contact IBM technical support for assistance.

Explanation

The management console server reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN80034E *REFERENCE* Host connection cannot be added.

Explanation

The host connection cannot be added due to a lack of sufficient internal resources or a storage unit microcode-level error.

Action

Resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN80035E *REFERENCE* Host connection cannot be added. Request exceeds the maximum number of allowed hosts.

Explanation

The host connection cannot be added because it exceeds the maximum number of allowed host connections.

Action

Delete one or more existing host connections and resubmit the task.

CMUN80036E REFERENCE Host connection modification failed due to incorrect SCSI host port configuration information.

Explanation

The host connection cannot be modified due to incorrect or missing SCSI host port configuration information.

Action

Ensure that the SCSI host port configuration information is correct and resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN80037E REFERENCE Host connection deletion failed.

Explanation

The host connection cannot be deleted due to a lack of sufficient internal resources or a storage unit microcode-level error.

Action

Resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN80038E REFERENCE Host connection deletion failed due to incorrect SCSI host port configuration information.

Explanation

The host connection cannot be deleted due to incorrect or missing SCSI host port configuration information.

Action

Ensure that the SCSI host port configuration information is correct and resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN80039E REFERENCE Task failed. Volume group not found.

Explanation

The task cannot be completed because the specified volume group cannot be found.

Action

Ensure that all volume group configuration information is correct and resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN80040E *REFERENCE* Task rejected during recovery procedure.**Explanation**

The task was submitted while the storage unit was attempting an error recovery procedure.

Action

Wait for the recovery procedure to complete. Ensure that you have entered the necessary information and resubmit the task.

CMUN80041E *REFERENCE* Task rejected during initialization.**Explanation**

The task was submitted before the initialization process completed.

Action

Wait for the initialization process to complete. Ensure that you have entered the necessary information and resubmit the task.

CMUN80042E *REFERENCE* Task failed due to invalid input.**Explanation**

The information entered for the task was not valid.

Action

Ensure that you are entering valid information and resubmit the task.

CMUN80043E *REFERENCE* Internal error. Contact IBM technical support for assistance.**Explanation**

The task was sent to an invalid processor card.

Action

Contact IBM technical support for assistance.

CMUN80044E *REFERENCE* Insufficient task input.**Explanation**

A rank must exist for the task to be successful.

Action

If no ranks exist, define at least one rank and resubmit the task. If ranks exist, ensure that you enter valid information and resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN80045E *REFERENCE* **Internal error. Insufficient internal resources.**

Explanation

The task failed due to insufficient internal resources.

Action

Resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN80046E *REFERENCE* **Task rejected due to invalid input.**

Explanation

The information entered for the task is not valid.

Action

Ensure that you are entering valid information and resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN80047E *REFERENCE* **Internal error.**

Explanation

The management console reports a storage unit microcode-level error.

Action

Resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN80048E *REFERENCE* **Internal error.**

Explanation

The management console reports a storage unit microcode-level error.

Action

Resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN80049E *REFERENCE* **Volume group failed to create. Attempted use of a reserved volume group type.**

Explanation

The volume group creation task failed because it attempted to use a nonreserved volume group number that has a reserved volume group type.

Action

Resubmit the task with a valid volume group number.

CMUN80050E *REFERENCE* **Volume group failed to create. Attempted use of an unsupported volume group type.**

Explanation

The volume group creation task failed because it attempted to use a volume group number that has an unsupported volume group type.

Action

Resubmit the task with a valid volume group number and volume group type.

CMUN80051E *REFERENCE* **Internal error.**

Explanation

The task failed due to insufficient internal resources.

Action

Resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN80052E *REFERENCE* **Add volume list task failed. Invalid volume list range.**

Explanation

The volumes on the list were not added to the volume group. The list contained an invalid range of volumes.

Action

Resubmit the task with a valid range of volumes.

CMUN80053E *REFERENCE* **Unsupported task.**

Explanation

The task is not currently supported.

Action

None.

CMUN80054E *REFERENCE* **Internal error. Insufficient internal resources.**

Explanation

The delete volume task failed due to insufficient internal resources.

Action

Resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN80055E *REFERENCE* **Internal error. Insufficient internal resources.**

Explanation

The task failed due to insufficient internal resources.

Action

Resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN80056E *REFERENCE* **Internal error.**

Explanation

The management console reports a storage unit microcode-level error.

Action

Ensure that you enter the correct information and resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN80057E *REFERENCE* **Internal error. Contact IBM technical support for assistance.**

Explanation

The management console reports a storage unit microcode-level error.

Action

Contact IBM technical support for assistance.

CMUN80058E *SOURCE* **A call home service connection could not be established. Check the call home configuration on the management console server.**

Explanation

The call home service could not be completed because of a configuration error.

Action

Check your call home configuration from the management console server.

CMUN80059E *SOURCE* A call home service connection could not be established. Check the call home configuration on the management console server.

Explanation

The call home service could not be completed because of a configuration error.

Action

Check your call home configuration from the management console server.

CMUN80060E *SOURCE* A call home service connection could not be established because of a modem error. Check your modem and your call home configuration on the management console server.

Explanation

The call home service could not be completed because of a modem problem or modem configuration error.

Action

Check your modem and your call home configuration from the management console server.

CMUN80061E *SOURCE* Internal error. Contact IBM technical support for assistance.

Explanation

The management console server reports an internal error.

Action

Contact IBM technical support for assistance.

CMUN80062E *SOURCE* A call home service connection could not be established. Check the call home configuration on the management console server.

Explanation

The call home service could not be completed because of a configuration error.

Action

Check your call home configuration from your primary management console server and from your secondary management console server if you have one.

CMUN80063E *SOURCE* A call home service connection could not be established. Check the call home configuration on the management console server.

Explanation

The call home service could not be completed because of a configuration error.

Action

Check your call home configuration from your primary management console server and from your secondary management console server if you have one.

CMUN80064E *SOURCE* A call home service connection could not be established. Check the call home configuration on the management console server.

Explanation

The call home service could not be completed because of a configuration error.

Action

Check your call home configuration from your primary management console server and from your secondary management console server if you have one.

CMUN80065E *SOURCE* A call home service connection could not be established. Check the call home configuration on the management console server.

Explanation

The call home service could not be completed because of a configuration error.

Action

Check your call home configuration from your primary management console server and from your secondary management console server if you have one.

CMUN80066E *SOURCE* A call home service connection could not be established. Check the call home configuration on the management console server.

Explanation

The call home service could not be completed because of a configuration error.

Action

Check your call home configuration from your primary management console server and from your secondary management console server if you have one.

CMUN80067E *SOURCE* A call home service connection could not be established. Check the call home configuration on the management console server.

Explanation

The call home service could not be completed because of a configuration error.

Action

Check your call home configuration from your primary management console server and from your secondary management console server if you have one.

CMUN80068E *SOURCE* A call home service connection could not be established. Check the call home configuration on the management console server.

Explanation

The call home service could not be completed because of a configuration error.

Action

Check your call home configuration from your primary management console server and from your secondary management console server if you have one.

CMUN80069E *SOURCE* A call home service connection could not be established. Check the call home configuration on the management console server.

Explanation

The call home service could not be completed because of a configuration error.

Action

Check your call home configuration from your primary management console server and from your secondary management console server if you have one.

CMUN80070E *SOURCE* A call home service connection could not be established. Check the call home configuration on the management console server.

Explanation

The call home service could not be completed because of a configuration error.

Action

Check your call home configuration from your primary management console server and from your secondary management console server if you have one.

CMUN80071E *SOURCE* A call home service connection could not be established. Check the call home configuration on the management console server.

Explanation

The call home service could not be completed because of a configuration error.

Action

Check your call home configuration from your primary management console server and from your secondary management console server if you have one.

CMUN80072E *SOURCE* A call home service connection could not be established. Check the call home configuration on the management console server.

Explanation

The call home service could not be completed because of a configuration error.

Action

Check your call home configuration from your primary management console server and from your secondary management console server if you have one.

CMUN80073E *SOURCE* A call home service connection could not be established. Check the call home configuration on the management console server.

Explanation

The call home service could not be completed because of a configuration error.

Action

Check your call home configuration from your primary management console server and from your secondary management console server if you have one.

CMUN80074E *SOURCE* A call home service connection could not be established. Check the call home configuration on the management console server.

Explanation

The call home service could not be completed because of a configuration error.

Action

Check your call home configuration from your primary management console server and from your secondary management console server if you have one.

CMUN80075E *SOURCE* A call home service connection could not be established. Check the call home configuration on the management console server.

Explanation

The call home service could not be completed because of a configuration error.

Action

Check your call home configuration from your primary management console server and from your secondary management console server if you have one.

CMUN80076E *SOURCE* A call home service connection could not be established. Check the call home configuration on the management console server.

Explanation

The call home service could not be completed because of a configuration error.

Action

Check your call home configuration from your primary management console server and from your secondary management console server if you have one.

CMUN80077E *SOURCE* A call home service connection could not be established. Check the call home configuration on the management console server.

Explanation

The call home service could not be completed because of a configuration error.

Action

Check your call home configuration from your primary management console server and from your secondary management console server if you have one.

CMUN80078E *REFERENCE* The host worldwide port name (WWPN) that you are submitting is already assigned to one of the storage unit I/O ports.

Explanation

The creation of a new host port definition failed. A storage unit I/O port has already been associated with the host port WWPN. You cannot duplicate host port WWPNS.

Action

If you want to use the selected storage unit I/O port, you must select a different host port WWPN.

CMUN80079E REFERENCE Host port does not exist.

Explanation

The modification of the host port failed because the host port does not exist.

Action

Use the correct worldwide port name and I/O ports to match the specific host port you want to modify.

CMUN80080E REFERENCE The firmware upgrade has failed because the code bundle could not be unpacked.

Explanation

The code bundle that was copied to the storage unit cannot be uncompressed. This causes the firmware upgrade and activation operation to fail.

Action

Copy the code bundle to the storage unit again, and then retry the firmware upgrade operation. If the problem persists, collect problem determination trace data, and contact IBM technical support for assistance.

CMUN80081E REFERENCE You cannot close this problem because at least one of the hardware resources associated with this problem is in a Failed state.

Explanation

You have attempted to close a problem that must stay open while the hardware resources that are associated with the problem are in a Failed state.

Action

Refer to the logs to determine which hardware resources are in a Failed state and replace the failed hardware resources.

CMUN80082E REFERENCE The concurrent firmware upgrade is only valid when the both processor cards are fully operational.

Explanation

The concurrent firmware upgrade requires that both processor cards in the storage unit are working together in dual cluster mode so that I/O continues on one processor card while the newer version of firmware is installed on the other processor card.

Action

Check for hardware errors. Ensure that the storage unit is in dual cluster mode. If the problem persists, contact IBM technical support for assistance.

CMUN80083E *REFERENCE* The audit log location does not exist.

Explanation

You have specified an audit log location on a management console that either does not exist (is not configured) or is not available.

Action

Specify an audit log location on a management console that is available, and resubmit the task.

CMUN80084E *FILE_NAME* Failed to write to the audit log file.

Explanation

The specified audit log file cannot be written to. The file might not have write permission or the file system might not have any available space.

Action

Check that the file has write permission and that the file system has space available, and resubmit the task.

CMUN80085E *REFERENCE* You are not authorized to access the files and directories on the management console.

Explanation

The current user account does not have the proper authority to access the files and directories on the Management Console. You must submit this task from the management console because this task uses the environment that was configured when you installed the management console.

Action

Use an account that has administrator authority to resubmit this task from the management console. If the problem persists, contact IBM technical support for assistance.

CMUN80086E *REFERENCE* The firmware update has failed. There is no response from the storage unit.

Explanation

The firmware update on the storage unit has failed, because of a network connectivity problem or an internal error in the storage unit.

Action

Check the network connectivity to the storage unit. If the network connectivity to the storage unit is functioning properly, restart the operating system on the management console. If the problem persists, reinstall the management console and ensure that all of the environment variables are set correctly. If the problem still persists, collect problem determination data and contact IBM technical support for assistance.

CMUN80087E *REFERENCE* **The firmware update has failed. No progress reported.**

Explanation

Periodic reports from the storage unit on the progress of the firmware update are not occurring as expected.

Action

Collect problem determination data, and contact IBM technical support for assistance.

CMUN80088E *REFERENCE* **The customer name is invalid.**

Explanation

The format for the customer name is a maximum of 15 alphanumeric characters. The underscore character is valid. Spaces and all other special characters are not valid.

Action

Resubmit the task with a valid value for the customer name.

CMUN80089E *REFERENCE* **You are not authorized to create a directory on the management console.**

Explanation

The current user account does not have the proper authority to create a directory on the Management Console. You must submit this task from the management console because this task uses the environment that was configured when you installed the management console.

Action

Use an account that has administrator authority to resubmit this task from the management console. Restart the operating system on the management console. If the problem persists, reinstall the management console and ensure that all of the environment variables are set correctly. If the problem still persists, contact IBM technical support for assistance.

CMUN80090E *REFERENCE* Trace data collection has failed.**Explanation**

A problem has occurred during the collection of trace data. The current user account might not have the proper authority to access the files, directories, or compression utilities on the management console.

Action

Use an account that has administrator authority to submit this task from the management console. If the problem persists, contact IBM technical support for assistance.

CMUN80091E *REFERENCE* The concurrent firmware update operation reports an internal error. The concurrent firmware update did not start because prerequisite conditions are not met, or the concurrent firmware update stopped prematurely.**Explanation**

The storage management console server reports an internal error. One possible cause of this error is that prerequisite conditions have not been met. To initiate a concurrent firmware update, the storage unit must be in dual cluster mode, all hardware and software problems must be resolved and closed, and a firmware update cannot already be in progress.

Action

Check that the storage unit is in dual cluster mode. Check that all open hardware and software problems are resolved and that all problems are closed. Check that no other firmware update is in progress. Resubmit the concurrent firmware update. If the problem persists, contact IBM technical support for assistance.

CMUN80092E *SOURCE* The nonconcurrent firmware update reports an internal error. The nonconcurrent firmware update did not start, or stopped prematurely.**Explanation**

The management console server reports an internal error. One possible cause of this error is that prerequisite conditions have not been met. To initiate a nonconcurrent firmware update, the storage unit must be in dual cluster mode, all hardware and software problems must be resolved and closed, and a firmware update cannot already be in progress.

Action

Check that the storage unit is in dual cluster mode. Check that all open hardware and software problems are resolved and closed. Check that no other firmware update is in progress. Resubmit the nonconcurrent firmware update. If the problem persists, contact IBM technical support for assistance.

CMUN80093E *REFERENCE* You are attempting a service operation that cannot start because it is not supported on the current version of firmware that is installed on the storage unit.

Explanation

You are attempting a service operation that is not supported on the current version of firmware.

Action

Upgrade the firmware on the storage unit to a version that supports the service operation, and resubmit the service operation. If the problem persists, contact IBM technical support for assistance.

CMUN80094E *REFERENCE* You are attempting a service operation that cannot start because the storage unit cannot be quiesced.

Explanation

The storage unit must be quiesced to start the service operation. The quiesce operation did not complete successfully and therefore the service operation failed.

Action

Check that all open hardware problems that can prevent the storage unit from quiescing are resolved and closed, and resubmit the service operation. If the problem persists, contact IBM technical support for assistance.

CMUN80095E *REFERENCE* You are attempting a service operation that cannot be executed because a storage unit is not defined with the IP address of both processor cards and the machine type and serial number that you are using.

Explanation

A storage unit is uniquely identified by a combination of the IP address of processor card 1, the IP address of processor card 2, and the storage unit machine type and serial number. The values that you supplied for this service operation do not match the values of a previously defined storage unit.

Action

Ensure that you submit the correct values for the IP addresses of the processor cards and the machine type and serial number of the storage unit. Ensure that the storage unit that you are attempting to access is defined and online. Check the cables and IP connection between the management console and the storage unit. Restart the management console. If the problem persists, contact IBM technical support for assistance.

CMUN80096E *REFERENCE* You are attempting a service operation that cannot start because one of the processor cards on the storage unit is fenced.

Explanation

The service operation is not supported if a processor card on the storage unit is fenced.

Action

Check that all open hardware problems that can cause the fenced condition are resolved and closed, and resubmit the service operation. If the problem persists, contact IBM technical support for assistance.

CMUN80097E *REFERENCE* A failure in the storage unit prevented service tracks from being cleared.

Explanation

The service tracks cannot be cleared because of a failure in the storage unit.

Action

Check that all open hardware problems that can cause the clear service tracks operation to fail are resolved and closed, and resubmit the service operation. If the problem persists, contact IBM technical support for assistance.

CMUN80098E *REFERENCE* You are attempting a service operation that cannot start because of problems in the storage unit.

Explanation

The current service operation failed due to problems in the storage unit.

Action

Check that all open hardware problems that can cause the service operation to fail are resolved and closed, and resubmit the service operation. If the problem persists, contact IBM technical support for assistance.

CMUN80099E *REFERENCE* You are attempting a firmware update. This operation did not start or the operation ended prematurely because a hardware problem exists.

Explanation

The firmware update operation requires that hardware errors are resolved and closed.

Action

Check that all hardware problems are resolved and that there are no open hardware errors. Check that the storage unit is running in dual cluster mode. Check that no other firmware update is in progress. Resubmit the firmware update. If the problem persists, contact IBM technical support for assistance.

CMUN80100E *REFERENCE* You are attempting a firmware update. This operation did not start or the operation ended prematurely because a software problem exists.

Explanation

The firmware update operation requires that all software errors are resolved and closed.

Action

Check that all software problems are resolved and that there are no open software errors. Check that the storage unit is running in dual cluster mode. Check that no other firmware update is in progress. Resubmit the firmware update. If the problem persists, contact IBM technical support for assistance.

CMUN80101E *REFERENCE* You are attempting to close a problem that refers to a removed enclosure. The problem cannot be closed because there is a logical configuration of a storage unit that refers to an array in this enclosure.

Explanation

The problem related to the enclosure that was removed cannot be closed because the logical configuration of the storage unit refers to an array in the enclosure.

Action

Delete the arrays in the enclosure that was removed. Close all problems related to the enclosure that was removed. If the problem persists, contact IBM technical support for assistance.

CMUN80102E *SOURCE* The service operation cannot be completed because the guest password that you entered is not correct.

Explanation

The password that you entered does not match the password that is defined for the guest user ID.

Action

Resubmit the service operation with the defined guest password. If you have forgotten the guest password, connect to the serial port on the storage unit, reset the guest password, and resubmit the service operation with the newly defined

guest password. If the problem persists, contact IBM technical support for assistance.

CMUN80103E *SOURCE* You are attempting to take offline a hardware resource that is in the Failed state.

Explanation

A hardware resource that is in the Failed state can be replaced. You are not required to take offline the hardware resource that is in the Failed state.

Action

Remove and replace the hardware resource that is in the Failed state.

CMUN80104E *SOURCE* You are attempting to take offline a hardware resource that is in the Inappropriate state.

Explanation

A hardware resource that is in the Inappropriate state can be replaced. You are not required to take offline the hardware resource that is in the Inappropriate state.

Action

Remove and replace the hardware resource that is in the Inappropriate state.

CMUN80105E *SOURCE* You are attempting to take a hardware resource offline but it is no longer present.

Explanation

You cannot take the hardware resource offline because it does not exist.

Action

No action is required.

CMUN80106E *SOURCE* You are attempting a firmware update operation. The firmware update operation did not complete because the operation timed out.

Explanation

The management console reports that the firmware update operation timed out during the initial preparation stage. The condition that caused the timeout might be temporary.

Action

Ensure that no other firmware update operation is in progress. Wait a few minutes and resubmit the firmware update operation. If the problem persists, contact IBM technical support for assistance.

CMUN80107E *SOURCE* You are attempting a firmware update operation. The firmware update operation did not complete because another firmware update operation is in progress.

Explanation

The management console reports that another firmware update operation is in progress. More than one firmware update operation cannot be in progress at the same time. You cannot initiate another firmware update operation because the system detects that a firmware update operation is already in progress. It is possible that this error is caused by a previous unsuccessful firmware update operation that left the system in a temporary state. If the system is in this temporary state, the system recovers to the normal state after a few hours. You can submit a firmware update operation after the system recovers to the normal state.

Action

Ensure that no other firmware update operation is in progress and resubmit the firmware update operation. If the problem persists, wait three hours and then resubmit the firmware update operation. If the problem still persists, contact IBM technical support for assistance.

CMUN80110E *SOURCE* The management console has failed to establish a connection with the storage units.

Explanation

The microcode update task has completed successfully, but the management console has failed to connect to one or more of the storage units during the time-out window that follows the successful update.

Action

Wait a few minutes and ensure that each of the server enclosure processor cards of the storage units is Connected. If the problem persists, contact IBM technical support for assistance.

CMUN80111E *SOURCE* Internal error.

Explanation

The management console reports an internal error.

Action

Resubmit the task. If the problem persists, contact IBM technical support for assistance.

CMUN80112E *SOURCE* Internal error.

Explanation

The management console reports a storage unit microcode error.

Action

Resubmit the task. If the problem persists, contact IBM technical support for assistance.

Chapter 10. System resource codes and messages

This list provides explanations and actions that you can use to correct problems that are identified through problem logs, SMTP messages, SIM alerts, or SNMP messages.

A system resource code (SRC) is one method that can be used to identify the problem that has caused an SNMP alert. Each of the following SRCs provides a problem explanation and action that you can take to resolve the problem.

Message 1

The storage unit reports an internal error.

Action

Collect the PE package and contact IBM technical support through the Contact IBM page.

Note: This is the default message for any SRCs that you might receive that are not listed in elsewhere in this document.

SRCs: The following SRCs apply to message 1:

0xBE801E00	0xBE80204A	0xBE80CE72	0xBE830118
0xBE801E01	0xBE80204B	0xBE80CE76	0xBE850021
0xBE801E02	0xBE80204C	0xBE80CE80	0xBE850023
0xBE801E04	0xBE80204D	0xBE80CE81	0xBE850075
0xBE802020	0xBE80204E	0xBE80CE84	0xBE861005
0xBE802025	0xBE80204F	0xBE80CE85	0xBE863000
0xBE802026	0xBE802050	0xBE80CE86	0xBE863001
0xBE802027	0xBE802051	0xBE80CE87	0xBE874094
0xBE802028	0xBE802052	0xBE80CE88	0xBE8740A4
0xBE802029	0xBE802053	0xBE80CE89	0xBE8740A8
0xBE802030	0xBE802054	0xBE80CE8A	0xBE8740BC
0xBE802031	0xBE802405	0xBE80CE8B	0xBE8740C0
0xBE802032	0xBE802406	0xBE80CE8F	0xBE8740C4
0xBE802033	0xBE802407	0xBE80CE90	0xBE8740D8
0xBE802034	0xBE803002	0xBE80CE91	0xBE874100
0xBE802035	0xBE80CE3B	0xBE80CE92	0xBE875008
0xBE802036	0xBE80CE3C	0xBE80CE93	0xBE875010
0xBE802043	0xBE80CE3D	0xBE80CEA6	0xBE875F00 - 0xBE875FFF
0xBE802044	0xBE80CE3E	0xBE80CEA7	0xBE8E0000 - 0xBE8EFFFF
0xBE802045	0xBE80CE3F	0xBE830117	0xBE8F0000 - 0xBE8FFFFE
0xBE802046	0xBE80CE71		

Message 3

A test problem log entry has been created.

Action

Verify that you have received an SNMP trap or SIM notification message if you have configured your storage unit to use SNMP or SIM alert messages. You must manually close this problem log entry.

SRCs: The 0xBE810081 SRC applies to message 3.

Message 4

A server enclosure processor card, the hardware resource that controls all I/O and RAID operations, is faulty or missing. The storage unit is currently using the remaining processor card to control all I/O and RAID operations for the entire storage unit. The currently operable processor card can fail if any one of the hardware resources that are associated with the operable processor card fails. If multiple paths from the host to the storage unit have not been provided, there can be loss of access to the data on the storage unit.

Action

Replace the failed processor card.

SRCs:

The following SRCs apply to message 4 only if the server enclosure processor card is associated with the problem that generated the SRC:

0xBE808850	0xBE850004
0xBE808851	0xBE850072
0xBE808856	0xBE850052
0xBE808857	

The following SRCs apply to message 4 in all instances:

0xBE802021	0xBE802629	0xBE80265F	0xBE802691	0xBE8026C3
0xBE802022	0xBE80262A	0xBE802660	0xBE802692	0xBE8026C4
0xBE802040	0xBE80262B	0xBE802661	0xBE802693	0xBE8026C5
0xBE802041	0xBE80262C	0xBE802662	0xBE802694	0xBE8026C6
0xBE802042	0xBE80262D	0xBE802663	0xBE802695	0xBE8026C7
0xBE802047	0xBE80262E	0xBE802664	0xBE802696	0xBE8026C8
0xBE802048	0xBE80262F	0xBE802665	0xBE802697	0xBE8026C9
0xBE8025B1	0xBE802630	0xBE802666	0xBE802698	0xBE8026CA
0xBE8025B2	0xBE802631	0xBE802667	0xBE802699	0xBE8026CB
0xBE8025B3	0xBE802632	0xBE802668	0xBE80269A	0xBE8026CC
0xBE8025B4	0xBE802633	0xBE802669	0xBE80269B	0xBE8026CD
0xBE8025B6	0xBE802634	0xBE80266A	0xBE80269C	0xBE8026CE
0xBE8025B8	0xBE802635	0xBE80266B	0xBE80269D	0xBE8026CF
0xBE8025B9	0xBE802636	0xBE80266C	0xBE80269E	0xBE8026D0
0xBE8025BA	0xBE802637	0xBE80266D	0xBE80269F	0xBE8026D1
0xBE8025BB	0xBE802638	0xBE80266E	0xBE8026A0	0xBE8026D2
0xBE8025BC	0xBE802639	0xBE80266F	0xBE8026A1	0xBE8026D3
0xBE8025BD	0xBE80263A	0xBE802670	0xBE8026A2	0xBE8026D4
0xBE8025BE	0xBE80263B	0xBE802671	0xBE8026A3	0xBE8026D5
0xBE8025BF	0xBE80263C	0xBE802672	0xBE8026A4	0xBE8026D8
0xBE8025C0	0xBE80263D	0xBE802673	0xBE8026A5	0xBE8026D9
0xBE8025C1	0xBE80263E	0xBE802674	0xBE8026A6	0xBE8026DA
0xBE802600	0xBE80263F	0xBE802675	0xBE8026A7	0xBE8026DB
0xBE802601	0xBE802640	0xBE802676	0xBE8026A8	0xBE8026DC
0xBE802602	0xBE802641	0xBE802677	0xBE8026A9	0xBE8026DD
0xBE802603	0xBE802642	0xBE802678	0xBE8026AA	0xBE8026DE
0xBE802604	0xBE802643	0xBE802679	0xBE8026AB	0xBE8026DF
0xBE802605	0xBE802644	0xBE80267A	0xBE8026AC	0xBE8026E0
0xBE802606	0xBE802645	0xBE80267B	0xBE8026AD	0xBE8026E1
0xBE802607	0xBE802646	0xBE80267C	0xBE8026AE	0xBE8026E2
0xBE802608	0xBE802647	0xBE80267D	0xBE8026AF	0xBE8026E3
0xBE802609	0xBE802648	0xBE80267E	0xBE8026B0	0xBE8026E4
0xBE80260A	0xBE802649	0xBE80267F	0xBE8026B1	0xBE8026E6
0xBE80260B	0xBE80264E	0xBE802680	0xBE8026B2	0xBE8026E8
0xBE80260C	0xBE80264F	0xBE802681	0xBE8026B3	0xBE8026E9
0xBE80260D	0xBE802650	0xBE802682	0xBE8026B4	0xBE8026EA
0xBE80260E	0xBE802651	0xBE802683	0xBE8026B5	0xBE8026EB
0xBE80260F	0xBE802652	0xBE802684	0xBE8026B6	0xBE8026EC
0xBE802610	0xBE802653	0xBE802685	0xBE8026B7	0xBE8026ED
0xBE802611	0xBE802654	0xBE802686	0xBE8026B8	0xBE8026EE
0xBE802612	0xBE802655	0xBE802687	0xBE8026B9	0xBE808858
0xBE802613	0xBE802656	0xBE802688	0xBE8026BA	0xBE808859
0xBE802621	0xBE802657	0xBE802689	0xBE8026BB	0xBE80885E
0xBE802622	0xBE802658	0xBE80268A	0xBE8026BC	0xBE80885F
0xBE802623	0xBE802659	0xBE80268B	0xBE8026BD	0xBE808885
0xBE802624	0xBE80265A	0xBE80268C	0xBE8026BE	0xBE808886
0xBE802625	0xBE80265B	0xBE80268D	0xBE8026BF	0xBE80CE3A
0xBE802626	0xBE80265C	0xBE80268E	0xBE8026C0	0xBE8100C70xBE8ACECE
0xBE802627	0xBE80265D	0xBE80268F	0xBE8026C1	
0xBE802628	0xBE80265E	0xBE802690	0xBE8026C2	

Message 5

A server enclosure processor card, the hardware resource that controls all I/O and RAID operations, is partially faulty. The processor card is still operating, but access to the data or the ability for the processor card to communicate with the storage

unit can be lost if any one of the hardware resources, such as the battery backup unit or power supply, that are associated with the processor card fails.

Action

Use the Properties page to check the state of the processor card. If the state is "Inter Failed," perform the following steps:

1. Verify that the remaining processor card is fully operational. If it is not, you must first replace it. To prevent the loss of access to data, this processor card must be operational during the replacement of the interfailed processor card to prevent the loss of access to data.
2. Take the interfailed processor card offline.
3. Replace the offline processor card with a new processor card. After the new processor card initializes, the storage unit operates with both processor cards.

SRCs:

The following SRCs apply to message 5, only if the server enclosure processor card is associated with the problem that generated the SRC:

0xBE831000	0xBE850022	0xBE8A8850	0xBE8A8856
0xBE85001B	0xBE876007	0xBE8A8851	0xBE8A8857

The following SRCs apply to message 5 in all instances:

0xBE874000	0xBE8A2623	0xBE8A265C	0xBE8A2691	0xBE8A26C6
0xBE874010	0xBE8A2624	0xBE8A265D	0xBE8A2692	0xBE8A26C7
0xBE874012	0xBE8A2625	0xBE8A265E	0xBE8A2693	0xBE8A26C8
0xBE874060	0xBE8A2626	0xBE8A265F	0xBE8A2694	0xBE8A26C9
0xBE874062	0xBE8A2627	0xBE8A2660	0xBE8A2695	0xBE8A26CA
0xBE874063	0xBE8A2628	0xBE8A2661	0xBE8A2696	0xBE8A26CB
0xBE874460	0xBE8A2629	0xBE8A2662	0xBE8A2697	0xBE8A26CC
0xBE874471	0xBE8A262A	0xBE8A2663	0xBE8A2698	0xBE8A26CD
0xBE874472	0xBE8A262B	0xBE8A2664	0xBE8A2699	0xBE8A26CE
0xBE875000	0xBE8A262C	0xBE8A2665	0xBE8A269A	0xBE8A26CF
0xBE875004	0xBE8A262D	0xBE8A2666	0xBE8A269B	0xBE8A26D0
0xBE8A2021	0xBE8A262E	0xBE8A2667	0xBE8A269C	0xBE8A26D1
0xBE8A2022	0xBE8A262F	0xBE8A2668	0xBE8A269D	0xBE8A26D2
0xBE8A2040	0xBE8A2630	0xBE8A2669	0xBE8A269E	0xBE8A26D3
0xBE8A2047	0xBE8A2631	0xBE8A266A	0xBE8A269F	0xBE8A26D4
0xBE8A2048	0xBE8A2632	0xBE8A266B	0xBE8A26A0	0xBE8A26D5
0xBE8A25B1	0xBE8A2633	0xBE8A266C	0xBE8A26A1	0xBE8A26D8
0xBE8A25B2	0xBE8A2634	0xBE8A266D	0xBE8A26A2	0xBE8A26D9
0xBE8A25B3	0xBE8A2635	0xBE8A266E	0xBE8A26A3	0xBE8A26DA
0xBE8A25B4	0xBE8A2636	0xBE8A266F	0xBE8A26A4	0xBE8A26DB
0xBE8A25B6	0xBE8A2637	0xBE8A2670	0xBE8A26A5	0xBE8A26DC
0xBE8A25B8	0xBE8A2638	0xBE8A2671	0xBE8A26A6	0xBE8A26DD
0xBE8A25B9	0xBE8A2639	0xBE8A2672	0xBE8A26A7	0xBE8A26DE
0xBE8A25BA	0xBE8A263A	0xBE8A2673	0xBE8A26A8	0xBE8A26DF
0xBE8A25BB	0xBE8A263B	0xBE8A2674	0xBE8A26A9	0xBE8A26E0
0xBE8A25BC	0xBE8A263C	0xBE8A2675	0xBE8A26AA	0xBE8A26E1
0xBE8A25BD	0xBE8A263D	0xBE8A2676	0xBE8A26AB	0xBE8A26E2
0xBE8A25BE	0xBE8A263E	0xBE8A2677	0xBE8A26AC	0xBE8A26E3
0xBE8A25BF	0xBE8A263F	0xBE8A2678	0xBE8A26AD	0xBE8A26E4
0xBE8A25C0	0xBE8A2640	0xBE8A2679	0xBE8A26AE	0xBE8A26E6
0xBE8A25C1	0xBE8A2641	0xBE8A267A	0xBE8A26AF	0xBE8A26E8
0xBE8A2600	0xBE8A2642	0xBE8A267B	0xBE8A26B0	0xBE8A26E9
0xBE8A2601	0xBE8A2643	0xBE8A267C	0xBE8A26B1	0xBE8A26EA
0xBE8A2602	0xBE8A2644	0xBE8A267D	0xBE8A26B2	0xBE8A26EB
0xBE8A2603	0xBE8A2645	0xBE8A267E	0xBE8A26B3	0xBE8A26EC
0xBE8A2604	0xBE8A2646	0xBE8A267F	0xBE8A26B4	0xBE8A26ED
0xBE8A2605	0xBE8A2647	0xBE8A2680	0xBE8A26B5	0xBE8A26EE
0xBE8A2606	0xBE8A2648	0xBE8A2681	0xBE8A26B6	0xBE8A8858
0xBE8A2607	0xBE8A2649	0xBE8A2682	0xBE8A26B7	0xBE8A8859
0xBE8A2608	0xBE8A264E	0xBE8A2683	0xBE8A26B8	0xBE8A885E
0xBE8A2609	0xBE8A264F	0xBE8A2684	0xBE8A26B9	0xBE8A885F
0xBE8A260A	0xBE8A2650	0xBE8A2685	0xBE8A26BA	0xBE8A8885
0xBE8A260B	0xBE8A2651	0xBE8A2686	0xBE8A26BB	0xBE8A8886
0xBE8A260C	0xBE8A2652	0xBE8A2687	0xBE8A26BC	0xBE8ACE3A
0xBE8A260D	0xBE8A2653	0xBE8A2688	0xBE8A26BD	0xBE8B4010
0xBE8A260E	0xBE8A2654	0xBE8A2689	0xBE8A26BE	0xBE8B4012
0xBE8A260F	0xBE8A2655	0xBE8A268A	0xBE8A26BF	0xBE8B4060
0xBE8A2610	0xBE8A2656	0xBE8A268B	0xBE8A26C0	0xBE8B4062
0xBE8A2611	0xBE8A2657	0xBE8A268C	0xBE8A26C1	0xBE8B4063
0xBE8A2612	0xBE8A2658	0xBE8A268D	0xBE8A26C2	0xBE8B4460
0xBE8A2613	0xBE8A2659	0xBE8A268E	0xBE8A26C3	0xBE8B4471
0xBE8A2621	0xBE8A265A	0xBE8A268F	0xBE8A26C4	0xBE8B4472
0xBE8A2622	0xBE8A265B	0xBE8A2690	0xBE8A26C5	

Message 6

A server enclosure processor card, the hardware resource that controls all I/O and RAID operations, is reporting errors. This can be caused by a problem with the cables, by incorrect enclosure and network connections, or by a fault in the processor card itself.

Action

Ensure that all enclosure and network connections are correct and that the cables are not faulty, and then manually close this problem log entry. If the problem persists, perform the following steps to replace this processor card:

1. Use the Properties page to check the state of the processor card.
2. If the state is "Inter Failed," perform the following steps to perform a service action to replace it.
 - a. Verify that the other processor card is fully operational. If the other processor card is not fully operational, you must replace it before you can begin a service action on the interfailed processor card.
 - b. Take the interfailed processor card offline.
 - c. Replace the inter failed processor card with a new processor card. After the new processor card initializes, the storage unit operates using both processor cards.

SRCs: The 0xBE860000 and 0xBE860001 SRCs apply to message 6.

Message 7

An expansion enclosure processor card, the hardware resource that controls the disks in an expansion enclosure, is faulty or missing. The expansion enclosure is operating using the single remaining expansion enclosure processor card. The remaining processor card can fail if any one of the supporting hardware resources that are associated with it fail. This can cause loss of access to data.

Action

Replace the failed expansion enclosure processor card.

SRCs:

The following SRCs apply to message 7, only if the expansion enclosure processor card is associated with the problem that generated the SRC:

0xBE808850	0xBE850004
0xBE808851	0xBE850052
0xBE808856	0xBE850072
0xBE808857	

The 0xBE803207, 0xBE8A3207, and 0xBE8100C5 SRCs apply to message 7 in all instances.

Message 8

An expansion enclosure processor card, the hardware resource that controls the disks in an expansion enclosure, is reporting errors. This can be caused by a problem with the cables, by incorrect enclosure and network connections, or by a fault in the processor card itself.

Action

Ensure that all enclosure and network connections are correct and that the cables are not faulty, and then manually close this problem log entry. If the problem persists, perform the following steps to replace this processor card:

1. Use the Properties page to check the state of the processor card.
2. If the state is "Inter Failed," perform the following steps to perform a service action to replace it.
 - a. Verify that the other processor card is fully operational. If the other processor card is not fully operational, you must replace it before you can begin a service action on the interfailed processor card.
 - b. Take the interfailed processor card offline.
 - c. Replace the interfailed processor card with a new processor card. After the new processor card initializes, the storage unit operates using both processor cards.

SRCs: The following SRCs apply to message 8, only if the expansion enclosure processor card is associated with the problem that generated the SRC: .

0xBE831000	0xBE8A8851
0xBE85001B	0xBE8A8856
0xBE850022	0xBE8A8857
0xBE8A8850	

Message 9

A front display panel is faulty or missing. This problem has no effect on the operation of the storage unit, but problem alerts and light path LEDs might not display correctly.

Action

Perform the following steps to replace the front display panel:

1. Use the Properties page to verify that the front display panel is in an "Inter Failed" state. If it is not, you must first take the front display panel offline before you can remove it.
2. Remove the front display panel and replace it with a new front display panel.

SRCs: The following SRCs apply to message 9, only if the front display panel is associated with the problem that generated the SRC: 0xBE831000, 0xBE850004, 0xBE85001B, 0xBE850022, 0xBE850052, and 0xBE850072. The 0xBE8100C6 SRC applies to message 9 in all instances.

Message 10

A rear operator panel is faulty or missing. This problem has no effect on the operation of the storage unit, but expansion enclosure serial numbers might be reported incorrectly and problem alerts and light path LEDs might not display correctly.

Action

Perform the following steps to replace the rear operator panel:

1. Use the Properties page to verify that the rear operator panel is prepared for service. If it is not, you must first take the rear operator panel offline before you can remove it.
2. Remove the rear operator panel and replace it with a new rear operator panel.

SRCs: The following SRCs apply to message 10, only if the rear operator panel is associated with the problem that generated the SRC:

0xBE831000	0xBE850042
0xBE850004	0xBE850052
0xBE85001B	0xBE850072
0xBE850022	

The 0xBE8100C9, 0xBE850031, and 0xBE850038 SRCs apply to message 10 in all instances.

Message 11

A rear operator panel is inappropriate for its enclosure. This might result in the loss of access to the storage unit if the problem is not resolved before you power on the enclosure. Also, the expansion enclosure machine serial numbers might be reported incorrectly and problem alerts and light path LEDs might not display correctly. Only a previously unused rear operator panel can be substituted for a faulty rear operator panel.

Action

Replace the rear operator panel with a previously unused rear operator panel that does not contain enclosure machine serial number information.

SRCs: The following SRCs apply to message 11:

0xBE8100A0	0xBE850040
0xBE8100A1	0xBE850041
0xBE850032	
0xBE850033	

Message 12

A power supply is not functioning or is missing. If the power supply is present, this can be caused by a problem with the power cable or by a fault in the power supply unit itself. This problem has no effect on the operation of the storage unit, but loss of access to all data in the storage unit can occur if the other power supply fails. There is also a risk of overheating that can eventually cause the storage unit to shutdown.

Attention: Do not remove the failed power supply until a replacement power supply is available. An empty power supply slot can cause a storage unit to overheat and shut down within two minutes.

Action

If the power supply is missing, replace it immediately to prevent the storage unit from overheating. If the power supply is present, ensure that the power cable is not faulty and manually close this problem log entry. If the problem persists, perform the following steps to replace the power supply:

1. Use the Properties page to verify that the power supply is offline. If the power supply is online (has an "Inter Failed" or "Normal" state), you must first take the power supply offline.
2. Remove the power supply and replace it with a new power supply.

Note: Do not remove the power supply unless you can immediately replace it with a new power supply. The storage unit can overheat if the power supply slot is left empty for more than one to two minutes.

SRCs:

The following SRCs apply to message 12, only if the power supply is associated with the problem that generated the SRC: 0xBE831000, 0xBE850004, 0xBE85001B, 0xBE850022, 0xBE850052, 0xBE850072.

The following SRCs apply to message 12 in all instances:

0xBE808860	0xBE808878	0xBE808888	0xBE80888E
0xBE808861	0xBE808879	0xBE808889	0xBE80889B
0xBE808863	0xBE80887A	0xBE80888A	0xBE80889C
0xBE808864	0xBE80887B	0xBE80888B	0xBE80889D
0xBE808865	0xBE80887C	0xBE80888C	0xBE80889E
0xBE808866	0xBE808887	0xBE80888D	0xBE8100C8
0xBE808877			

Message 13

The storage unit is overheating. This might be caused by a missing or failing power supply unit. If overheating persists, the storage unit shuts down and you lose access to data.

Action

If a power supply unit is missing, install it as soon as possible. If a power supply unit is failing, replace it as soon as possible.

SRCs: The 0xBE800850 SRC applies to message 13.

Message 14

A battery backup unit (BBU), the hardware resource that prevents the loss of data when ac power is not supplied to the processor card, is faulty or missing. The storage unit is operating using the processor card that is associated with the other fully functional BBU. This can cause the loss of data if any one other hardware resource that is associated with the operable processor card fails. If multiple paths from the host system to the storage unit are not available, loss of access to data can occur if any one other hardware resource that is associated with the operable processor card fails.

Action

Perform the following steps to replace the faulty battery backup unit:

1. Use the Properties page to verify that the BBU is offline. If the BBU is online (has an "Inter Failed" or "Normal" state), you must first take the BBU offline.
2. Remove the offline BBU and replace it with a new BBU.

SRCs:

The following SRCs apply to message 14, only if the battery backup unit is associated with the problem that generated the SRC: 0xBE831000, 0xBE850004, 0xBE85001B, 0xBE850022, 0xBE850052, 0xBE850072.

The following SRCs apply to message 14 in all instances:

0xBE80890A	0xBE808931	0xBE808942	0xBE808949
0xBE808925	0xBE808932	0xBE808943	0xBE80894A
0xBE808926	0xBE80893A	0xBE808944	0xBE80894B
0xBE808927	0xBE80893D	0xBE808945	0xBE80894C
0xBE80892D	0xBE80893E	0xBE808946	0xBE80894D
0xBE80892E	0xBE80893F	0xBE808947	0xBE80894F
0xBE80892F	0xBE808940	0xBE808948	0xBE8100C3
0xBE808930			

Message 15

A disk drive module (DDM) is faulty or missing.

Action

Perform the following steps to replace the DDM:

1. Use the Properties page to verify that the DDM is offline. If the DDM is online (has an "Inter Failed" or "Normal" state), you must first take the DDM offline.
2. Remove the DDM from the enclosure and replace it with a new DDM that has both a capacity and speed that are greater than or equal to the capacity and speed of the previous DDM.

SRCs:

The following SRCs apply to message 15, only if the disk drive module is associated with the problem that generated the SRC:

0xBE831000	0xBE850052
0xBE850004	0xBE850072
0xBE85001B	0xBE876007
0xBE850022	0xBE876018

The following SRCs apply to message 15 in all instances:

0xBE80CE73	0xBE83000A	0xBE876002	0xBE876010
0xBE80CE74	0xBE83000E	0xBE876004	0xBE876011
0xBE80CE75	0xBE830101	0xBE876005	0xBE876012
0xBE80CE77	0xBE830119	0xBE876006	0xBE876013
0xBE8100C0	0xBE870408	0xBE876008	0xBE876014
0xBE8100C1	0xBE87040B	0xBE876009	0xBE876017
0xBE8100C2	0xBE871000	0xBE87600B	0xBE876022
0xBE830002	0xBE874440	0xBE87600C	

Message 16

There are not enough disk drive modules (DDMs) in the storage unit. One or more spare DDMs are no longer available as spare DDMs because they have replaced

DDMs that have been removed or that have failed. The risk of losing access to data is now higher than allowed during the initial configuration.

Action

Install one or more new disk drive modules to help restore the required number of spare DDMs.

SRCs: The 0xBE830100 SRC applies to message 16.

Message 17

The specified disk drive module (DDM) is inappropriate for its location.

Action

Replace the specified DDM with a DDM that has the same speed and capacity as the other DDMs in the array.

SRCs: The 0xBE830007 SRC applies to message 17.

Message 20

The storage unit has detected a hardware error with the host system cables or SFPs.

Action

Ensure that all host system cables and SFPs are in good repair and connected correctly. Correct any cabling problems and replace any faulty cables or SFPs. Manually close this problem log entry.

SRCs: The 0xBE80264B, 0xBE80264C, and 0xBE80264D SRCs apply to message 20.

Message 22

An array from another storage unit has been detected. This can be caused by a cabling error or the insertion of a disk drive module (DDM) that is a member of a different storage unit.

Action

Ensure that none of the expansion enclosures that are connected to the server enclosure are from another server enclosure. Ensure that no DDMs in the storage unit (server enclosure and attached expansion enclosures) are from a different storage unit. If either situation exists but it is not intentional, remove the DDM or unattach the expansion enclosure and insert the DDM or reattach the expansion enclosure to the appropriate storage unit. If either situation intentionally exists, bring the DDM online or replace the DDM with a new DDM. Bringing the DDM online initiates the formatting process and deletes any information that is contained on the DDM.

SRCs: The 0xBE810090 SRC applies to message 22.

Message 23

A heartbeat record was generated. Heartbeat records are generated periodically, indicating that the storage unit is "healthy" enough to communicate with the outside world. If the Call Home option is enabled, your SMTP server is configured properly and the IP network is operable, a Call Home record is sent to IBM.

Action

None.

SRCs: The 0xBE8FFFFF SRC applies to message 23.

Message 28

Due to a software problem, the machine might not report all hardware errors or hardware resource changes.

Action

Collect the PE package and contact IBM technical support through the Contact IBM page.

SRCs: The 0xBE8D0000 and 0xBE8DFFFF SRCs apply to message 28.

Message 29

Due to a software problem, the system management process on the storage unit is only semioperational. Configuration commands can fail.

Action

Collect the PE package and contact IBM technical support through the Contact IBM page.

SRCs: The 0xBE8D0001 SRC applies to message 29.

Message 30

A software problem occurred on one or more of the disk drive modules (DDMs). These DDMs are not used by the storage unit.

Action

Collect the PE package and contact IBM technical support through the Contact IBM page.

SRCs: The 0xBE8D0002 SRC applies to message 30.

Message 31

The system management process on the storage unit is fully functional. However, the rear operator panel vital product data (VPD) cannot be updated due to a software problem.

Action

Collect the PE package and contact IBM technical support through the Contact IBM page.

SRCs: The 0xBE8D0003 SRC applies to message 31.

Message 33

The system management process on the storage unit is fully functional. However, the light path indicators or the enclosure ID on the enclosure might not be set correctly due to a software problem.

Action

Collect the PE package and contact IBM technical support through the Contact IBM page.

SRCs: The 0xBE8D0004 SRC applies to message 33.

Message 34

The interenclosure cabling cannot be checked because of a software problem. There are no error indications if the enclosures are cabled incorrectly.

Action

Collect the PE package and contact IBM technical support through the Contact IBM page.

SRCs: The 0xBE8D0005 SRC applies to message 34.

Message 35

The information on the rear operator panel cannot be retrieved because of a software problem.

Action

Collect the PE package and contact IBM technical support through the Contact IBM page.

SRCs: The 0xBE8D0006 SRC applies to message 35.

Message 36

The information on the processor card cannot be retrieved because of a software problem.

Action

Collect the PE package and contact IBM technical support through the Contact IBM page.

SRCs: The 0xBE8D0007 SRC applies to message 36.

Message 37

The information on the power supply cannot be retrieved because of a software problem.

Action

Collect the PE package and contact IBM technical support through the Contact IBM page.

SRCs: The 0xBE8D0008 SRC applies to message 37.

Message 38

The information on the battery backup unit cannot be retrieved because of a software problem.

Action

Collect the PE package and contact IBM technical support through the Contact IBM page.

SRCs: The 0xBE8D0009 SRC applies to message 38.

Message 39

Some configuration commands might fail because of a software problem.

Action

Collect the PE package and contact IBM technical support through the Contact IBM page.

SRCs: The 0xBE862000 SRC applies to message 39.

Message 40

There is loss of access to data because of a software problem.

Action

Collect the PE package and contact IBM technical support through the Contact IBM page.

SRCs: The 0xBE862001 SRC applies to message 40.

Message 41

One of the processor cards is not operational, possibly because of a hardware problem. The other processor card is now controlling all I/O operations and is vulnerable to failure if any one of the other hardware resources that are associated with the operable processor card fails. This can cause loss of data and loss of access to data if you have not provided multiple paths from the host system to the storage unit.

Action

Check the problem logs to verify that there is an open problem log entry that is associated with one of the processor cards, one of the battery backup units, or with a firmware update. If there is an open problem log entry, follow the instructions in the problem log entry to correct the problem. If there is no open problem log entry, collect the PE package and contact IBM technical support through the Contact IBM page.

SRCs: The 0xBE862002 SRC applies to message 41.

Message 42

The firmware update on the upper processor card has failed.

Action

Manually close this problem log entry and then invoke a firmware update from the command-line interface or the DS Storage Manager. If the problem persists, collect the PE package and contact IBM technical support through the Contact IBM page.

SRCs: The 0xBE861003 SRC applies to message 42.

Message 43

The firmware update on the lower processor card has failed.

Action

Manually close this problem log entry and then invoke a firmware update from the command-line interface or the DS Storage Manager. If the problem persists, collect the PE package and contact IBM technical support through the Contact IBM page.

SRCs: The 0xBE861004 SRC applies to message 43.

Message 44

The firmware update on the left battery backup unit has failed.

Action

Manually close this problem log entry and then invoke a firmware update from the command-line interface or the DS Storage Manager. If the problem persists, collect the PE package and contact IBM technical support through the Contact IBM page.

SRCs: The 0xBE861002 SRC applies to message 44.

Message 45

The firmware update on the right battery backup unit has failed.

Action

Manually close this problem log entry and then invoke a firmware update from the command-line interface or the DS Storage Manager. If the problem persists, collect the PE package and contact IBM technical support through the Contact IBM page.

SRCs: The 0xBE861001 SRC applies to message 45.

Message 46

The power cable of the power supply is not connected.

Action

Insert the cable correctly and manually close this problem log entry.

SRCs: The 0xBE808873 and 0xBE808874 SRCs apply to message 46.

Message 48

Some configuration operations might not succeed because of a software problem.

Action

Collect the PE package and contact IBM technical support through the Contact IBM page.

SRCs: The 0xBE8D000A SRC applies to message 48.

Message 49

Information on the front display panel cannot be retrieved because of a software problem.

Action

Collect the PE package and contact IBM technical support through the Contact IBM page.

SRCs: The 0xBE8D000B SRC applies to message 49.

Message 50

The storage unit has detected a hardware error with the cables or the SFPs that connect the server enclosure to the expansion enclosures on loop 1. The server enclosure loop 1 connectors are connected to more than one expansion enclosure.

Action

Inspect the interenclosure cabling between the server enclosure and the first expansion enclosure on loop 1 and correct any miscabling problems. Inspect the SFPs on the server enclosure and replace any faulty SFPs.

SRCs: The 0xBE850043 SRC applies to message 50.

Message 51

The storage unit had detected a hardware error with the cables or the SFPs that connect the expansion enclosures on loop 0.

Action

Inspect the interenclosure cabling between the enclosures on loop 0 and correct any miscabling problems. Inspect the SFPs on the enclosures on loop 0 and replace any faulty SFPs.

SRCs: The following SRCs apply to message 51: 0xBE850046, 0xBE850048, 0xBE85004A, 0xBE85004C.

Message 52

The storage unit has detected a hardware error with the cables or the SFPs that connect the expansion enclosures on loop 1.

Action

Inspect the interenclosure cabling between the enclosures on loop 1 and correct any miscabling problems. Inspect the SFPs on the enclosures on loop 1 and replace any faulty SFPs.

SRCs: The following SRCs apply to message 52: 0xBE850047, 0xBE850049, 0xBE85004B, 0xBE85004D.

Message 53

The storage unit has detected more than three expansion enclosures that are connected on loop 0. A maximum of three enclosures is allowed on loop 0.

Action

Disconnect the extra expansion enclosures on loop 0.

SRCs: The 0xBE85004E SRC applies to message 53.

Message 54

The storage unit has detected more than four expansion enclosures that are connected on loop 1. A maximum of four enclosures is allowed on loop 1.

Action

Disconnect the extra expansion enclosures on loop 1.

SRCs: The 0xBE85004F SRC applies to message 54.

Message 55

The storage unit has detected an expansion enclosure that is connected to both loop 0 and loop 1.

Action

Inspect the interenclosure cabling for each expansion enclosure. Correct the cabling on the expansion enclosure that is connected to both loop 0 and loop 1.

SRCs: The 0xBE850051 SRC applies to message 55.

Message 56

The storage unit has detected a hardware error with the cables or SFPs that connect the server enclosure to the expansion enclosure on loop 0.

Action

Inspect the interenclosure cabling between the enclosures on loop 0 and correct any miscabling problems. Inspect the SFPs on the enclosures on loop 0 and replace any faulty SFPs.

SRCs: The following SRCs apply to message 56: 0xBE850005, 0xBE850006, 0xBE850007, 0xBE850008.

Message 57

Data might have been lost.

Action

Collect the PE package and contact IBM technical support through the Contact IBM page.

SRCs: The 0xBE804900 and 0xBE8049FF SRCs apply to message 57.

Message 58

An unsupported or problematic configuration state has been detected.

Action

Collect the PE package and contact IBM technical support through the Contact IBM page. Do not perform any configuration operations because they might result in the loss of the previous configuration or data.

SRCs: The following SRCs apply to message 58: 0xBE830302, 0xBE830303, 0xBE830304, 0xBE830305.

Message 59

The code level on the two processor cards or the hardware resources that are associated with those processor cards does not match.

Action

Manually close this problem log entry and then invoke a firmware update from the command-line interface or the DS Storage Manager. If the problem persists, collect the PE package and contact IBM technical support through the Contact IBM page.

SRCs: The 0xBE802120 SRC applies to message 59.

Message 60

Global data is inaccessible at the moment. This can cause configuration operations to fail.

Action

If the problem persists, collect the PE package and contact IBM technical support through the Contact IBM page.

SRCs: The 0xBE840000 SRC applies to message 60.

Message 61

The storage unit has detected a hardware error with the cables or the SFPs that connect the server enclosure to the expansion enclosures on loop 1. Not all server enclosure loop 1 connections are connected to the expansion enclosure.

Action

Inspect the interenclosure cabling and SFPs between the server enclosure and the expansion enclosure on loop 1. Correct any miscabling problems and replace any faulty SFPs.

SRCs: The 0xBE850053 SRC applies to message 61.

Message 62

A battery backup unit (BBU), the hardware resource that prevents data loss when ac power is not supplied, is offline. The storage unit is now using only the processor card that is associated with the working BBU, and the storage unit can fail if the BBU or any other hardware resource that is associated with the operable processor card fails. There can be a loss of data or loss of access to data if you have not configured multiple paths from the host system to the storage unit.

Action

Perform one the following steps to replace the faulty BBU:

- If the BBU has a "Prepared for Service" state on the Properties page, perform one of the following actions:
 - If the BBU was not faulty when you took it offline, bring the BBU back online.
 - If the BBU was faulty when you took it offline, replace the BBU.
- If the BBU does not have a "Prepared for Service" state on the Properties page, replace the faulty BBU.

SRCs: The 0xBE810011 SRC applies to message 62, only if the battery backup unit is associated with the problem that generated the SRC.

Message 63

A server enclosure processor card, the hardware resource that controls all I/O and RAID operations, is offline. The storage unit is now using only one processor card, and the storage unit might lose data if any one of the hardware resources, such as the BBU and power supply, that are associated with the remaining processor card fail. There can be loss of access to data if you have not configured multiple paths from the host system to the storage unit.

Action

Perform one of the following steps to replace the faulty processor card:

- If the processor card has a "Prepared for Service" state on the Properties page, perform one of the following actions:
 - If the processor card was not faulty when you took it offline, bring the processor card back online.
 - If the processor card was faulty when you took it offline, replace the processor card.
- If the processor card does not have a "Prepared for Service" state on the Properties page, replace the faulty processor card.

SRCs: The 0xBE810011 SRC applies to message 63, only if the server enclosure processor card is associated with the problem that generated the SRC.

Message 64

All of the logical subsystems (LSSs) are inaccessible.

Action

Collect the PE package and contact IBM technical support through the Contact IBM page.

SRCs: The 0xBE80FC08 SRC applies to message 64.

Message 65

All the odd-numbered logical subsystems (LSSs) are inaccessible.

Action

Collect the PE package and contact IBM technical support through the Contact IBM page.

SRCs: The 0xBE800C09 SRC applies to message 65.

Message 66

All the even-numbered logical subsystems (LSSs) are inaccessible.

Action

Collect the PE package and contact IBM technical support through the Contact IBM page.

SRCs: The 0xBE800C08 SRC applies to message 66.

Message 67

The storage unit has detected a fibre-channel loop problem with one of the interenclosure cabling loops.

Action

Correct and close any open problems that are associated with the processor cards, disk drive modules, or enclosure cabling before manually closing the problem log

entry. If there are no open problem log entries with the processor cards, disk drive modules, or enclosure cabling, collect the PE package and contact IBM technical support through the Contact IBM page.

SRCs: The following SRCs apply to message 67:

0xBE803208	0xBE8740D4
0xBE803210	0xBE8A3208
0xBE803220	0xBE8A3210
0xBE843208	0xBE8A3220
0xBE843210	0xBE8B3208
0xBE843220	0xBE8B3210
	0xBE8B3220

Message 68

The rear operator panel on the server enclosure is faulty or missing. The machine serial number cannot be read. The system management process on the storage unit is semi-operational. Configuration commands can fail.

Action

Replace the rear operator panel on the server enclosure with a new rear operator panel that contains a correct machine serial number.

SRCs: The 0xBE850034, 0xBE850035, and 0xBE850036 SRCs apply to message 68.

Message 69

The SMTP server that you have provided for the Call Home function is not correct. Call Home notifications cannot be sent.

Action

Correct the SMTP server address in the Configure Notifications page and manually close this problem log entry. If a DNS server is unavailable, the SMTP address must be a valid IP address.

SRCs: The 0xBE860101 SRC applies to message 69.

Message 70

Call Home notifications cannot be sent due to an internal error.

Action

If this problem persists, collect the PE package and contact IBM technical support through the Contact IBM page.

SRCs: The 0xBE860102 and 0xBE860107 SRCs apply to message 70.

Message 71

The SMTP port number that you provided for the Call Home function is not correct. Call Home notifications cannot be sent.

Action

Correct the SMTP port number in the Configure Notifications page and manually close this problem log entry.

SRCs: The 0xBE860103 SRC applies to message 71.

Message 72

The storage unit is unable to communicate with the SMTP server that you provided for the Call Home function. Call Home notifications cannot be sent.

Action

Check, and correct if necessary, the SMTP server address and the SMTP port number in the Configure Notifications page. Check, and correct if necessary, the availability and permissions of the SMTP server and manually close this problem log entry.

SRCs: The 0xBE860104, 0xBE860105, and 0xBE860109 SRCs apply to message 72.

Message 73

The customer contact e-mail address that you provided for Call Home notifications is incorrect. Call Home notifications cannot be sent.

Action

Use the Contact Information page to enter a valid e-mail address and manually close this problem log entry.

SRCs: The 0xBE860106 SRC applies to message 73.

Message 74

The SMTP server that you provided for Call Home notifications is rejecting commands from the storage unit. Call Home notifications cannot be sent.

Action

Check, and correct if necessary, the SMTP server permissions that are defined by your Internet service provider, and then manually close this problem log entry.

SRCs: The 0xBE860108 SRC applies to message 74.

Message 75

The information regarding the rear operator panel firmware level might be incorrect because of a software problem.

Action

Collect the PE package and contact IBM technical support through the Contact IBM page.

SRCs: The 0xBE850090 SRC applies to message 75.

Message 76

The storage unit has detected a disconnected cable in one of the interenclosure fibre-channel cabling loops.

Action

Check the cable and SFP that are connected to the specified OUT port. If the cable is disconnected, connect it as described in the help section for "Connecting expansion enclosures." If the cable is connected, try replacing the SFPs on both cable ends, one at a time, or try replacing the fibre-channel cable until the problem log entry automatically closes.

SRCs: The 0xBE850100 SRC applies to message 76.

Message 77

The storage unit has detected a problem with the cabling in one of the interenclosure fibre-channel cabling loops. The specified port is connected to the wrong expansion enclosure. All four OUT ports of an enclosure must be connected to the same expansion enclosure.

Action

Check the cable that is connected to the specified OUT port. Connect the other end of the cable to the next expansion enclosure in the loop. This is the expansion enclosure to which the majority of the OUT ports of this enclosure are connected. See the help section for "Connecting expansion enclosures for more information."

SRCs: The 0xBE850101 SRC applies to message 77.

Message 78

The storage unit has detected a problem with the cabling in one of the interenclosure fibre-channel cabling loops. The specified OUT port is connected to the wrong processor card in the next expansion enclosure in the loop.

Action

Check the cable that is connected to the specified OUT port. If the specified OUT port is on the upper processor card, connect the other end of the cable to the corresponding IN port on the upper processor card of the next expansion enclosure in the loop. If the specified OUT port is on the lower processor card, connect the other end of the cable to the corresponding IN port on the lower processor card of the next expansion enclosure in the loop. See the help section for "Connecting expansion enclosures" for more information.

SRCs: The 0xBE850102 SRC applies to message 78.

Message 79

The storage unit has detected a problem with the cabling in one of the interenclosure fibre-channel cabling loops. The specified OUT port is connected to the wrong IN port of the next expansion enclosure in the loop.

Action

Check the cable that is connected to the specified OUT port. If the specified port is the left OUT port, connect the other end of the cable to the left IN port of the next expansion enclosure in the loop. If the specified port is the right OUT port, connect the other end of the cable to the right IN port of the next expansion enclosure in the loop. See the help section for "Connecting expansion enclosures" for more information.

SRCs: The 0xBE850103 SRC applies to message 79.

Message 80

The storage unit has detected a problem with the cabling between the server enclosure and the first expansion enclosure in loop 1. The specified port is not connected to the server enclosure.

Action

Check the cable that is connected to the specified IN port. Connect the cable to the Disk Controller OUT port on the server enclosure as described in the help section for "Connecting expansion enclosures" on loop 1.

SRCs: The 0xBE850104 SRC applies to message 80.

Message 81

There are either no disk drive modules in the storage unit, or the storage unit has detected a cabling problem with one of the inter-enclosure fibre-channel cabling loops.

Action

Perform the following steps to correct the problem:

1. Check that there are disk drive modules (DDMs) in the server enclosure. If all the DDMs are missing or are not inserted properly in the slots, reinsert the DDMs.
2. Check and correct, if necessary, the fibre-channel inter-enclosure cabling loops. See "Connecting expansion enclosures" inside the Information Center for more information.
3. Manually close this problem log entry.
4. Restart the storage unit by pressing the white switch.

SRCs: The 0xBE862004 SRC applies to message 81.

Message 82

Status reporting, error reporting, and storage configuration are disabled on one of the server enclosure processor cards. Some configuration commands are unavailable. If a battery backup unit or a server enclosure processor card are failed or missing, this state is expected.

Action

If one of the battery backup units is faulty, missing, or offline, correct the problem. If there are any open problem log entries with the server enclosure processor cards where the recommended action is to replace the processor card, replace the

| specified server enclosure processor card. If the problem persists, collect the PE
| package and contact IBM technical support through the Contact IBM page.

| **SRCs:** The 0xBE862003 SRC applies to message 82.

| **Message 83**

| The specified expansion enclosure that was previously connected to this storage
| unit is missing. Access to data might be lost.

| **Action**

| If you intentionally removed or powered off the expansion enclosure, manually
| close this problem log entry. Otherwise, reconnect or power on the expansion
| enclosure. When you manually close this problem log entry, information about the
| enclosure and associated hardware resources is deleted.

| **SRCs:** The 0xBE8100C4 SRC applies to message 83.

| **Message 84**

| The system management process encountered too many failures and was
| nonoperational until manually reactivated.

| **Action**

| Collect the PE package and manually close this problem log entry.

| **SRCs:** The 0xBE862005 SRC applies to message 84.

| **Message 85**

| You are attempting to delete a rank. A disk drive module in the array site of the
| selected rank has failed. The delete rank operation attempts to format the array site
| of the selected rank. The format array site operation did not fully complete because
| it cannot format a failed disk drive module.

| **Action**

| Replace the faulty disk drive module.

| **SRCs:** The 0xBE830011 SRC applies to message 85.

| **Message 86**

| You cannot send Call Home notifications because the storage unit cannot
| communicate with the SMTP server that is defined for the Call Home function.
| Your defined SMTP server replies with the Extended Simple Mail Transfer Protocol
| (ESMTP) responses but the storage unit does not support the ESMTP protocol.

| **Action**

| Define a Call Home SMTP server that uses SMTP instead of ESMTP protocol, and
| then manually close this problem log entry.

| **SRCs:** The 0xBE860110 SRC applies to message 86.

Message 87

The storage unit has detected a disconnected cable in one of the interenclosure fibre-channel cabling loops.

Action

Ensure that the cabling is correct. Check the cables and SFPs that are connected to the specified ports. If the cable is disconnected, connect it or replace it with a known good cable. If the cable is connected, replace the SFPs on both cable ends, one at a time. If the problem persists, turn off the power to the storage unit, wait until the storage unit has powered off completely, and then turn on the power to the storage unit.

SRCs: The 0xBE850105 SRC applies to message 87.

Message 88

The storage unit has detected a problem with the cabling in one of the interenclosure fibre-channel cabling loops. The specified port is connected to the wrong expansion enclosure. All four OUT ports of an enclosure must be connected to the same expansion enclosure.

Action

Turn off the power to the storage unit. Check the cable that is connected to the specified OUT port. This port has a lit amber alert LED. Connect the other end of the cable to the next expansion enclosure in the loop. The correct next expansion enclosure is the enclosure that is connected to the OUT ports that have unlit amber alert LEDs. Turn on the power to the storage unit. See the help section for "Connecting expansion enclosures for more information."

SRCs: The 0xBE850106 SRC applies to message 88.

Message 89

The storage unit has detected a problem with the cabling in one of the interenclosure fibre-channel cabling loops. The specified OUT port is connected to the wrong processor card in the next expansion enclosure in the loop.

Action

Turn off the power to the storage unit and check the cable that is connected to the specified OUT port. If the specified OUT port is on the upper processor card, connect the other end of the cable to the corresponding IN port on the upper processor card of the next expansion enclosure in the loop and turn on the power to the storage unit. If the specified OUT port is on the lower processor card, connect the other end of the cable to the corresponding IN port on the lower processor card of the next expansion enclosure in the loop and turn on the power to the storage unit. See the help section for "Connecting expansion enclosures" for more information.

SRCs: The 0xBE850107 SRC applies to message 89.

Message 90

The storage unit has detected a problem with the cabling in one of the interenclosure fibre-channel cabling loops. The specified OUT port is connected to the wrong IN port of the next expansion enclosure in the loop.

Action

Turn off the power to the storage unit and check the cable that is connected to the specified OUT port. If the specified port is the left OUT port, connect the other end of the cable to the left IN port on the next expansion enclosure in the loop and turn on the power to the storage unit. If the specified port is the right OUT port, connect the other end of the cable to the right IN port of the next expansion enclosure in the loop and turn on the power to the storage unit. See the help section for "Connecting expansion enclosures" for more information.

SRCs: The 0xBE850108 SRC applies to message 90.

Message 91

The storage unit has detected a problem with the cabling between the server enclosure and the expansion enclosure in loop 1. The specified port is either not connected to the server enclosure or is connected incorrectly.

Action

Turn off the power to the storage unit and check the cable that is connected to the specified IN port. Connect the cable to the Disk Controller OUT port on loop 1 of the server enclosure as described in the help section for connecting expansion enclosures, and turn on the power to the storage unit.

SRCs: The 0xBE850109 SRC applies to message 91.

Message 92

A software problem occurred on one or more of the interenclosure fibre-channel ports. These ports are not used by the system.

Action

Collect the PE package and contact IBM technical support through the Contact IBM page.

SRCs: The 0xBE850110 SRC applies to message 92.

Message 93

The storage unit encountered an internal error.

Action

Do not manually close this problem log entry. Do not remove the rear operating panel from the server enclosure until this problem is resolved. Collect the PE package and contact IBM technical support through the Contact IBM page.

SRCs: The 0xBE850073 and 0xBE850074 SRCs apply to message 93.

Message 94

Contact e-mail notification is enabled. However, either no contact e-mail addresses were provided or one or more of the addresses were formatted incorrectly.

Action

Enter at least one valid e-mail address in the Customer Contact page and manually close this problem log entry.

SRCs: The 0xBE86010A SRC applies to message 94.

Message 95

The storage unit is using a dynamic ssh key that has been generated from a default value. The next reboot of the storage unit generates a more secure dynamic ssh key from a random non-default value.

Action

Reboot the storage unit to use the more secure dynamic ssh key.

SRCs: The 0xBE850067 SRC applies to message 95.

Message 96

The storage unit failed to generate a Call Home notification through the modem.

Action

Collect the PE package and contact IBM technical support through the Contact IBM page.

SRCs: The 0xBE860111 SRC applies to message 96.

Message 97

The storage unit has detected a problem with the cabling between the server enclosure and the first expansion enclosure on loop 1. Partial or complete access to all expansion enclosures on loop 1 has been disabled to avoid data loss.

Action

Correct the cabling between the server enclosure and the expansion enclosure in loop 1 as described in the help section for connecting expansion enclosures. You must correct the problem before you can manually close this problem log entry.

Attention: Do not manually close this problem log entry until the problem has been corrected. Premature closure of the problem log entry might result in reenabling access to the expansion enclosures on loop 1, which can result in data loss.

SRCs: The 0xBE80CECA SRC applies to message 97.

Message 98

The storage unit has detected a problem with the cabling between the server enclosure and the first expansion enclosure on loop 1. Not all of the cables are connected.

Action

Correct the cabling between the server enclosure and the first expansion enclosure on loop 1 as described in the help section for connecting expansion enclosures. You must correct the problem before you can manually close this problem log entry.

SRCs: The 0xBE80CECC and 0xBE80CECD SRCs apply to message 98.

Message 99

A software problem occurred on the storage unit. This can prevent the storage unit from reporting cabling problems between the server enclosure and the expansion enclosures. Also, the storage unit might not be using all of the possible paths to access expansion enclosures on loop 1.

Action

Collect the PE package and contact IBM technical support through the Contact IBM page.

SRCs: The 0xBE850068 SRC applies to message 99.

Message 100

Some configuration operations might fail because the storage unit contains volume groups that have IDs that are not valid.

Action

Collect the PE package and contact IBM technical support through the Contact IBM page.

SRCs: The 0xBE840001 SRC applies to message 100.

Message 101

Due to a fibre-channel loop problem, the system management process on the storage unit is only semioperational. Some configuration commands might fail.

Action

Collect the PE package and contact IBM technical support through the Contact IBM page.

SRCs: The 0xBE850083 SRC applies to message 101.

Message 102

Information on the processor card cannot be retrieved and attributes of the processor card can be incorrect. This might be caused by a software problem or corrupted product data that is stored on the processor card.

Action

Collect the PE package and contact IBM technical support through the Contact IBM page.

SRCs: The 0xBE850064 and 0xBE850065 SRCs apply to message 102.

Message 103

Information on the power supply cannot be retrieved and attributes of the power supply can be incorrect. This might be caused by a software problem or corrupted product data that is stored on the power supply.

Action

Collect the PE package and contact IBM technical support through the Contact IBM page.

SRCs: The 0xBE850066 SRC applies to message 103.

Message 104

Information on the battery backup unit cannot be retrieved and attributes of the battery backup unit can be incorrect. This might be caused by a software problem or corrupted product data that is stored on the battery backup unit.

Action

Collect the PE package and contact IBM technical support through the Contact IBM page.

SRCs: The 0xBE850201 SRC applies to message 104.

Message 105

The storage unit has recovered from a software error. There might have been a temporary loss of access to data if multiple paths from the host to the storage unit have not been provided or if both processor cards rebooted at the same time.

Action

Collect the PE package and contact IBM technical support through the Contact IBM page.

SRCs: The 0xBE864001 SRC applies to message 105.

Message 106

The storage unit is in single cluster mode. The storage unit is using only one server enclosure processor card and might lose data if another component fails.

You might lose access to data if you have not defined paths from hosts to storage that use the remaining server enclosure processor card.

Action

Collect the PE package and contact IBM support for further assistance. Navigate to the Contact IBM page or call the next level of support.

SRCs: The 0xBE8025C6 SRC applies to message 106.

Message 107

Both server enclosure processor cards are not operational. This might be caused by replacing both server enclosure processor cards at the same time.

Action

If you have replaced both server enclosure processor cards at the same time, return one of the original cards and reboot the server enclosure, and then replace the original card. If the problem persists, collect the PE package and contact IBM support for further assistance. Navigate to the Contact IBM page or call the next level of support.

SRCs: The 0xBE8025C4 SRC applies to message 107.

Message 108

A battery backup unit might have reached its end of life. The battery backup unit is the hardware component that prevents data loss when ac power is not supplied.

Action

The estimated end of life of a battery backup unit is six years. If the battery backup unit is less than six years old, ensure that the current date is set correctly on the storage unit. If the battery backup unit is six years old, replace the battery backup unit as soon as possible. Ensure that the fault/service LED indicator for the battery backup unit is a solid amber before you remove it. If it is not, or if the battery backup unit state is INTER_FAILED and the fault/service LED indicator is not lit, take the battery backup unit offline before you remove it. If the problem persists, collect the PE package and contact IBM support for further assistance. Navigate to the Contact IBM page or call the next level of support.

SRCs: The 0xBE850300 SRC applies to message 108.

Message 109

The storage unit has encountered an internal error. There might be a SCSI Enclosure Services software problem or a processor controller card hardware problem.

Action

Collect the PE package and contact IBM support for further assistance. Navigate to the Contact IBM page or call the next level of support.

SRCs: The 0xBE870119 SRC applies to message 109.

Message 110

A rear operator panel is inappropriate for its enclosure. The machine serial number for this enclosure cannot be read. The storage enclosure machine serial numbers might be reported incorrectly and problem alerts might be displayed incorrectly.

Action

Replace the rear operator panel with a new rear operator panel that contains a correct enclosure machine serial number.

SRCs: The 0xBE850037 and 0xBE850039 SRCs apply to message 110.

Message 111

The storage unit is overheating. This might be caused by open slots in the enclosure or by excessive room temperature. If overheating persists, the storage unit shuts down and you lose access to data.

Action

Ensure that there are no open slots in the enclosure. Ensure that the room temperature is within specified limits. If you have corrected the cause of the problem, close this problem log manually. If the problem persists, collect the PE package and contact IBM technical support for further assistance. Navigate to the Contact IBM page or call the next level of support.

SRCs: The 0xBE800851 SRC applies to message 111.

Message 112

The storage unit is too cold. This might be caused by the room temperature being colder than specified limits. If the storage unit remains too cold, the storage unit shuts down and access to data is lost.

Action

Ensure that the room temperature is within specified limits. If you have corrected the cause of the problem, close this problem log manually. If the room temperature is within specified limits and the problem persists, collect the PE package and contact IBM technical support for further assistance. Navigate to the Contact IBM page or call the next level of support.

SRCs: The 0xBE800852 SRC applies to message 112.

Message 113

The storage unit has encountered an internal error but is functioning properly. However, the error condition prevents future firmware update tasks from initiating.

Action

Collect the PE package and contact IBM technical support for further assistance. Navigate to the Contact IBM page or call the next level of support.

SRCs: The 0xBE862006 SRC applies to message 113.

Message 114

The compact flash memory card that is located on the top processor card is reporting errors. The processor card is the hardware component that controls all I/O and RAID operations. The storage unit is still using this processor card, but the processor card is at risk of failing.

Action

Collect the PE package and contact IBM support to determine whether the processor card should be replaced. Navigate to the Contact IBM page or call the next level of support.

SRCs: The 0xBE850400 SRC applies to message 114.

Message 115

The compact flash memory card that is located on the bottom processor card is reporting errors. The processor card is the hardware component that controls all I/O and RAID operations. The storage unit is still using this processor card, but the processor card is at risk of failing.

Action

Collect the PE package and contact IBM support to determine whether the processor card should be replaced. Navigate to the Contact IBM page or call the next level of support.

SRCs: The 0xBE850401 SRC applies to message 115.

Message 116

You cannot close an open problem if one of the customer replaceable units (CRUs) specified in the problem log entry has a state of FAILED or INAPPROPRIATE. Closing a problem with a CRU in one of these states might result in loss of data.

Action

Follow the instructions in the problem log entry to resolve the problem.

Do not close the problem while any of the CRUs specified in the problem log entry has a state of FAILED or INAPPROPRIATE.

If you are unable to resolve the problem, contact IBM support for further assistance. Navigate to the Contact IBM page or call the next level of support.

SRCs: The 0xBE8100B2 SRC applies to message 116.

Removed SRCs

The following SRCs have been removed from previous code levels. If you encounter any of these SRCs, ignore the message and manually close the problem log entry.

|
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|
|

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This equipment has been tested and complies with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, might cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his own expense.

Properly shielded and grounded cables and connectors must be used to meet FCC emission limits. IBM is not responsible for any radio or television interference caused by using other than recommended cables and connectors, or by unauthorized changes or modifications to this equipment. Unauthorized changes or modifications could void the users authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device might not cause harmful interference, and (2) this device must accept any interference received, including interference that might cause undesired operation.

Industry Canada compliance statement

This Class A digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe A est conform à la norme NMB-003 du Canada.

European Union EMC Directive conformance statement

This product is in conformity with the protection requirements of EU Council Directive 2004/108/EC on the approximation of the laws of the Member States relating to electromagnetic compatibility. IBM cannot accept responsibility for any failure to satisfy the protection requirements resulting from a nonrecommended modification of the product, including the fitting of non-IBM option cards.

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Attention: This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

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Germany compliance statement

Deutschsprachiger EU Hinweis: Hinweis für Geräte der Klasse A EU-Richtlinie zur Elektromagnetischen Verträglichkeit.

Dieses Produkt entspricht den Schutzanforderungen der EU-Richtlinie 89/336/EWG zur Angleichung der Rechtsvorschriften über die elektromagnetische Verträglichkeit in den EU-Mitgliedsstaaten und hält die Grenzwerte der EN 55022 Klasse A ein.

Um dieses sicherzustellen, sind die Geräte wie in den Handbüchern beschrieben zu installieren und zu betreiben. Des Weiteren dürfen auch nur von der IBM empfohlene Kabel angeschlossen werden. IBM übernimmt keine Verantwortung für die Einhaltung der Schutzanforderungen, wenn das Produkt ohne Zustimmung der IBM verändert bzw. wenn Erweiterungskomponenten von Fremdherstellern ohne Empfehlung der IBM gesteckt/eingebaut werden.

EN 55022 Klasse A Geräte müssen mit folgendem Warnhinweis versehen werden:
"Warnung: Dieses ist eine Einrichtung der Klasse A. Diese Einrichtung kann im Wohnbereich Funk-Störungen verursachen; in diesem Fall kann vom Betreiber verlangt werden, angemessene Maßnahmen zu ergreifen und dafür aufzukommen."

Deutschland: Einhaltung des Gesetzes über die elektromagnetische Verträglichkeit von Geräten

Dieses Produkt entspricht dem "Gesetz über die elektromagnetische Verträglichkeit von Geräten (EMVG)". Dies ist die Umsetzung der EU-Richtlinie 89/336/EWG in der Bundesrepublik Deutschland.

Zulassungsbescheinigung laut dem Deutschen Gesetz über die elektromagnetische Verträglichkeit von Geräten (EMVG) vom 18. September 1998 (bzw. der EMC EG Richtlinie 89/336) für Geräte der Klasse A.

Dieses Gerät ist berechtigt, in Übereinstimmung mit dem Deutschen EMVG das EG-Konformitätszeichen - CE - zu führen.

Verantwortlich für die Konformitätserklärung nach Paragraph 5 des EMVG ist die IBM Deutschland GmbH, 70548 Stuttgart.

Informationen in Hinsicht EMVG Paragraph 4 Abs. (1) 4:

Das Gerät erfüllt die Schutzanforderungen nach EN 55024 und EN 55022 Klasse A.

Japanese Voluntary Control Council for Interference (VCCI) class A statement

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Korean Ministry of Information and Communication (MIC) statement

Please note that this device has been certified for business use with regard to electromagnetic interference. If you find this is not suitable for your use, you may exchange it for one of residential use.

Taiwan class A compliance statement

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VS07171L

Index

A

accessibility 498

K

keyboards
 accessibility features 498

L

legal
 terms and conditions 500

R

return codes 463

S

SNMP messages 463
SNMPs 463
SRC 463
SRN 463

T

Trademarks 499



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