CA VM:Director™ for z/VM

Message Reference Guide

Release 3.1, Second Edition

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CA Technologies Product References

This document references the following CA Technologies products:

- CA VM:Account™
- CA VM:Schedule™
- CA VM:Tape™ for z/VM

Contact CA Technologies

Contact CA Support

For your convenience, CA Technologies provides one site where you can access the information that you need for your Home Office, Small Business, and Enterprise CA Technologies products. At http://ca.com/support, you can access the following resources:

- Online and telephone contact information for technical assistance and customer services
- Information about user communities and forums
- Product and documentation downloads
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Documentation Changes

The following documentation updates have been made after the last release of this documentation.

Note: In PDF format, page references identify the first page of the topic in which a change is made. The actual change can appear on a later page.

The following messages were added in this release:

- 0050I (see page 25)—RECORD IS: _____
- (CA VM:Secure only) 0866W (see page 257)—feature IGNORED IN VMXRPI CONFIG. USE ENABLE feature IN SECURITY CONFIG FILE
- 0867W (see page 257)—AGENT SYSTEM member IS WAITING FOR USER userid TO RELEASE A LOCK ON THE DIRECTORY DISK
- 0868E (see page 258)—ENTRY identity NOT REMOVED, SUBCONFIGS MUST BE REMOVED FIRST
- 0871I (see page 258)—SSIDEBUG: trace information
- 0872E (see page 258)—MANAGER manager HAS count USERS ASSIGNED TO IT AND CAN NOT BE REMOVED
- 0873E (see page 259)—value WAS ALREADY PRESENT ON ONE statement STATEMENT
- 0874E (see page 259)—ENTRY entryname DOES NOT CONTAIN ANY statement STATEMENTS (WITH value)
- 0875E (see page 259)—statement STATEMENT HAS TOO MANY OPERANDS SPECIFIED
- 0876W (see page 260)—value WAS NOT FOUND ON ANY statement STATEMENT
- 0877W (see page 260)—value WAS ALREADY PRESENT ON ONE statement STATEMENT
- 0878E (see page 260)—DUPLICATE SSINODE ssinode

Contents

Chapter 1: Introduction 7

CA VM:Director Messages 7
Message File 8
CMS HELP and CA VM:Director System Messages 9
Changes in CA VM:Director 9

Chapter 2: System Messages 11

Chapter 3: Common Nucleus Messages 313

Chapter 4: CA LMP Key Messages 393

Chapter 5: Abends 397

Handling Abends 398

Chapter 1: Introduction

This document lists all CA VM:Director messages in numerical order. The *Reason* explains what the message means and what CA VM:Director does after issuing the message. The *Action* describes what, if anything, you need to do in response to the message. To access online help for CA VM:Director messages, you can use the CMS HELP command described in this chapter.

Note: Due to reuse of some documentation between CA VM:Secure and CA VM:Director, some text is marked (CA VM:Secure only) or (<vmdirector only).

This section contains the following topics:

CA VM:Director Messages (see page 7)
CMS HELP and CA VM:Director System Messages (see page 9)

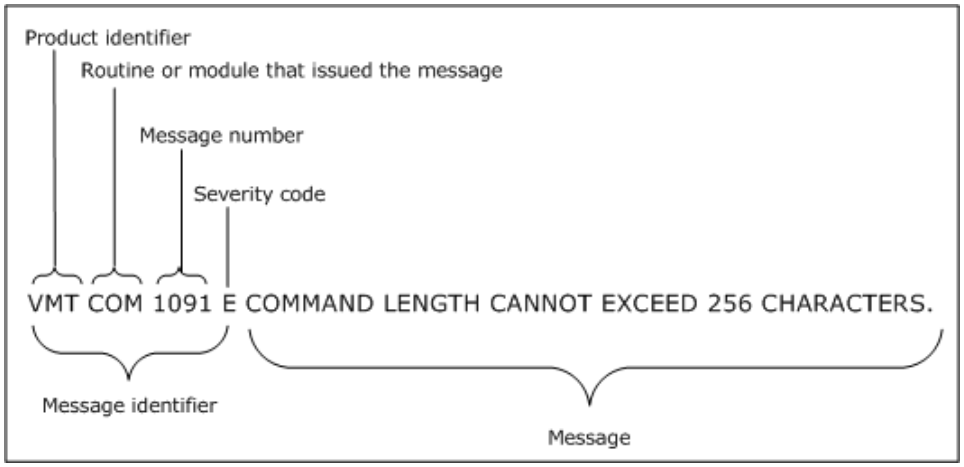
CA VM:Director Messages

While using CA VM:Director, you will receive messages that do one of the following:

- Inform you of the status and progress of the function or task
- Prompt you for information about your system
- Indicate if an error occurred
- Provide instructions for resolving errors

All messages are in the format shown in the following illustration:

Message Format



You can tell the type of message by its last letter, which is its *severity code*. The severity code can be one of the following:

A

Action message. You need to perform an action, for example, moving the cursor or entering information.

E

Error message. The function or task can continue normally if you correct the error. The function or task may end.

I

Informational message. CA VM:Director initialization or a task that CA VM:Director is executing has completed. When an informational message appears immediately after a severe error message (severity code S), it tells you how to correct the problem the severe error message identified.

R

Response message. Requests information. You need to respond to a CA VM:Director message.

S

Severe error message. An error preventing the function or task from continuing has occurred. You are returned to CMS and must restart the procedure after correcting the error.

T

Terminal error message. A serious internal error has occurred, preventing the CA VM:Director service virtual machine from continuing execution.

W

Warning message. An abnormal condition has occurred. The function or task continues, although the results may be affected by the abnormal condition.

Message File

Most CA VM:Director message texts are kept in a file called VMDIRECT MESSAGES on the VMDIRECT 192 minidisk.

CMS HELP and CA VM:Director System Messages

The CMS HELP command provides information about CA VM:Director system messages. The information is the same as that in this document. Online help is not available for messages generated by the CA VM:Director utilities.

To use the CMS HELP facility for a CA VM:Director message, enter **help** followed by a space, then the three–character product identifier (vmx), the four–digit message number, and the severity code. Do not enter the three–letter code displayed after the product identifier; this code is the routine or module that issued the message.

For example, to get help for the message VMXCOM1091E, enter the following from CMS:

```
help vmx1091e
```

When you are finished reading the message help, press PF3 to exit the CMS HELP facility.

For more information about using the CMS Help facility, see the IBM *CMS User's Guide* that is appropriate for your system.

Changes in CA VM:Director

For a complete listing of all changes in CA VM:Director, see the accompanying *Release Notes*.

Chapter 2: System Messages

This chapter lists all CA VM:Director system messages in numerical order. The *Reason* explains what the message means and what CA VM:Director does after issuing the message. The *Action* describes what, if anything, you need to do in response to the message. To get online help for CA VM:Director messages, you can use the CMS HELP command, which is described in the Getting Started chapter.

0001I

CA VM:Director (R).

Reason:

CA VM:Director begins initialization. The CA VM:Director configuration files are processed, the directory database is read, and the CP object directory is updated if the time stamp on the CA VM:Director directory database differs from the time on the CP object directory.

Action:

None.

0002I

RELEASE *release genlevel splevel, pages* DYNAMIC PAGES

Reason:

The current CA VM:Director *release genlevel splevel* is identified along with the number of pages of memory available for running processes and for storage of directory control blocks. Initialization continues normally.

Action:

None.

0005I

ERROR(*code*)

Reason:

A command issued on the CA VM:Director system console resulted in the indicated return code. One or more error messages precede this message. The command execution terminates.

Action:

Refer to the command reference section of the *Reference Guide* to determine the cause of the error and the correct procedure for issuing the command.

0010E

INVALID RETURN CODE '*rc*' FROM USEREXIT '*exitname*'

Reason:

A command has caused a site developed user exit to be called that has returned a return code that is not valid. All user exits have specific return codes that are acceptable and have defined meanings. At most, an exit can return with return codes of 0, 4, 8, or 12. Depending on the user exit, not all of these may be valid.

Action:

Refer to the *Reference Guide* for details on the return codes that are valid for the indicated user exit. Correct the user exit routine to use only those values that are expected and allowed.

0011E

INVALID DATA STACKED FOR RETURN CODE '*rc*' FROM USEREXIT '*exitname*'

Reason:

A command has caused a site developed user exit to be called that has placed an invalid number of items in the stack. All user exits have a specific number of stacked lines that are acceptable.

Action:

Refer to the *Administration Guide* for details on the number of stacked lines that are valid for the indicated user exit. Correct the user exit routine to only stack the number of lines that are expected and allowed.

0012E

A REXX ERROR WAS TRAPPED: DETAILS FOLLOW

Reason:

An internal Rexx error has occurred in a CA VM:Director macro. This is either a Rexx SYNTAX or NOVALUE condition that was trapped and will cause abnormal termination of the macro in error and likely the entire process.

This message will be followed by a series of unnumbered messages that will display information about the currently running Rexx macro. This includes the failing program's name, its input arguments, the failing instruction, the contents of the stack, and the current value of all variables. This information will appear on the service virtual machine's console.

Action:

Save the server's console log and contact Technical Support.

0016E

NOT EDITING A RULES FILE

Reason:

An attempt was made to update a rules file when the current file being edited was not on the rules database minidisk. The rules are not updated. The update function terminates with return code 24, which may cause a process abnormal termination.

Action:

This message indicates the probable presence of a logic error in a command macro. Spool your console and trace the command macro by entering VMDIRECT TRACE MACRO *. Contact Technical Support with the console trace and the CA VM:Director service virtual machine console log.

0018E

INVALID OPTION *option*

Reason:

An invalid option was specified on a command primitive call or a rule statement. The command or rules file update fails. An invalid option on a call to a primitive function will cause the process to abnormally terminate.

Action:

Specify the option correctly and enter the command again, or try to update the rules file again. If the process abnormally terminates, contact your system administrator.

0020S

ERROR *code processing* FILE *filename filetype filemode*

Reason:

During processing of a command or system initialization, a permanent I/O error was detected while reading, writing, or closing the indicated CMS file on the CA VM:Director service virtual machine. The error code is generated by the CMS RDBUF, WRBUF, or FINIS function. The command or system initialization terminates with an error condition.

Action:

The error may be the result of a hardware failure. Refer to the CMS user macro documentation in the appropriate CMS reference or HELP file under FSREAD, FSWRITE, or FSCLOSE for an explanation of the error code.

0021E

FILE *filename filetype filemod*e NOT FOUND

Reason:

The indicated CMS file was not located when required. CA VM:Director may have been looking for the file on a user's minidisk or on a minidisk belonging to the CA VM:Director service virtual machine depending on the command being executed. The command terminates with return code 28.

Action:

If CA VM:Director is not managing any file pools and the file name and file type in the message is FILEPOOL EXEC, you can ignore this message. Otherwise, contact Technical Support.

Reason:

If your site has configured CA VM:Director for SFS, CA VM:Director displays this message during initialization. It indicates that the access mode for MAINT 193 (where the FILEPOOL EXEC is found) conflicts with a mode specified for the VMDIRECT product minidisks. The CA VM:Director ASSIGN and CHANGE commands use the CMS FILEPOOL EXEC to rename an individual file space within a file pool.

Action:

Ensure that the access mode for MAINT 193 is different from any mode specified on an ACCESS record in the PRODUCT CONFIG file.

0022T

***system* INITIALIZATION FAILED**

Reason:

CA VM:Director failed to initialize normally. Preceding messages on the console indicate the cause of the problem. CA VM:Director terminates execution with return code 88.

Action:

Obtain the printed console log. It contains specific messages relating to the cause of the failure. The problem is probably in one of the configuration files or the directory entry for the CA VM:Director service virtual machine. Correct the problem and attempt to initialize CA VM:Director again.

0023I

system* INITIALIZATION COMPLETE ON *mm/dd/yy

Reason:

The CA VM:Director system has completed normal initialization on the date *mm*/*dd*/*yy* and is ready to accept commands. Normal execution begins.

Action:

None.

0024E

INVALID *record* RECORD PARAMETER *parameter*

Reason:

An invalid parameter exists on the indicated record in a CA VM:Director control file. This is detected either at system initialization or during the online editing of a file while CA VM:Director is running. If CA VM:Director detects the error during initialization, the record containing the invalid parameter is displayed followed by message 0022T; CA VM:Director then terminates with return code 88. If CA VM:Director is running and detects the error while a file is being edited, the record containing the invalid parameter is displayed and the system administrator is prompted: DO YOU WISH TO CORRECT THE PROBLEM?

Action:

During system initialization, correct the record in error and restart CA VM:Director. If you are editing a file online, decide whether you want to correct the problem. You can either return to edit the file or leave the file unchanged.

0025E

INVALID RECORD TYPE *recordtype*

Reason:

An invalid *recordtype* record was encountered during initialization while CA VM:Director was processing the file indicated by message 0115I. The invalid record is displayed followed by message 0022T. CA VM:Director initialization terminates with return code 88.

Action:

Make corrections to the indicated file and start CA VM:Director again.

0026E

MISSING PARAMETER(S) ON *record* RECORD

Reason:

An insufficient number of parameters were specified on the indicated record in a CA VM:Director control file. This is detected either at system initialization or during the online editing of a file while CA VM:Director is running. If CA VM:Director detects the error during initialization, the record with missing parameters is displayed followed by message 0022T. CA VM:Director then terminates with a return code 88. If CA VM:Director is running and detects the error while a file is being edited, the record with missing parameters is displayed and the system administrator is prompted: DO YOU WISH TO CORRECT THE PROBLEM?

Action:

During system initialization, correct the record in error and start CA VM:Director again. If you are editing a file online, decide whether you want to correct the problem. You can either return to edit the file or leave the file unchanged.

0027E

OBJECT DRCT FAILED TO INITIALIZE. SKIPPING DIRECTORY STARTUP

Reason:

CA VM:Director could not initialize the CP object directory due to an error accessing the object directory area. CA VM:Director skips directory startup and continues with initialization to check other areas of CA VM:Director configuration. However, initialization will fail due to this error because CA VM:Director cannot perform a Quick Start or Source Start of the object directory.

Action:

Check the console for other messages preceding this one. Look particularly for message 0028E that gives a return code that will tell why the object directory could not be initialized. Correct the problem and try initializing CA VM:Director again.

0028E

ERROR code INITIALIZING DIRECTORY MINIDISK

Reason:

A problem initializing the CP-owned volume containing the CP object directory area has occurred. This volume is specified on the DIRECT record in the PRODUCT CONFIG file. The CA VM:Director service virtual machine must have a read/write link to the volume. The possible code values are:

Error Code	Meaning
4	The directory volume is not attached to the CA VM:Director service virtual machine.
8	The device type of the specified volume is not a supported directory device.
12	An I/O error occurred reading the volume label of the directory volume.
16	The volume label does not match the label specified on the DIRECT record in the PRODUCT CONFIG file.
20	The allocation on the directory volume was found to be incorrect or inconsistent.
24	The current directory as indicated by the volume label is not in the currently allocated extent.
28	An FBA volume extent error was detected.

Error Code	Meaning
32	No unallocated directory extents were found on the directory volume.
36	The volume containing the CP object directory extent is read-only.

Initialization fails.

Action:

Make corrections to the PRODUCT CONFIG file or the CA VM:Director directory entry and start CA VM:Director again.

0029I

CA VM:Director ENDED *hh:mm:ss dd/mm/yy*

Reason:

CA VM:Director system operation ended because you entered the END command. Control is returned to CMS.

Action:

None.

0032E

UNABLE TO *function filename* FILE

Reason:

CA VM:Director was not able to perform the indicated *function* (usually a CMS command) against the file indicated by *filename* because the file was on a read-only minidisk. The function terminates.

Action:

None.

0033I

DISK SPACE IS *percent* ALLOCATED WITH *number* MINIDISKS

Reason:

During initialization, the indicated number of minidisks allocated within defined extents was encountered. This accounts for the percentage of the available minidisk space.

Action:

None.

0034E

MINIDISK: *userid vaddr* OVERLAPS EXTENT

Reason:

During system initialization or during a directory update (if the update was attempted by editing the directory entry), a minidisk defined by *userid* at the specified virtual address (*vaddr*) was found to span more than one extent definition. If initializing, CA VM:Director is terminated; otherwise, the directory update fails.

Action:

Make the appropriate correction to the EXTENT record in the DASD CONFIG file or to the MDISK statement in the user ID's directory entry file.

0035E

MINIDISK: *userid vaddr* TYPE/CLASS CONFLICTS WITH VOLUME *volume*

Reason:

During system initialization or during a directory update (if the update was attempted by editing the directory entry), minidisk *userid vaddr* belonging to the specified user ID allocated on the specified volume was defined with a device type inconsistent with the device type specified on the VOLUME statement in the DASD CONFIG file. If initializing, CA VM:Director is terminated; otherwise, the directory update fails.

Action:

Make the appropriate correction to the VOLUME record in the DASD CONFIG file or to the MDISK statement in the indicated user ID's directory entry file.

0036E

MANAGER *managerid* REFERS TO SUBPOOL *subpool*, WHICH IS UNDEFINED.

Reason:

You have attempted to remove a SUBPOOL record from the DASD CONFIG file that defines a subpool that is still referred to by a manager in the VMDIRECT MANAGERS file.

Action:

The attempted change does not take effect. CA VM:Director gives you the opportunity to correct the error situation. You may choose to remove the subpool from the specified manager's MANAGER record using the ADMIN MANAGERS command and then attempt to delete the SUBPOOL record again.

0037E

MINIDISK: *userid1 vaddr1* OVERLAPS MINIDISK: *userid2 vaddr2*

Reason:

During system initialization or during a directory update (if the update was attempted by editing the directory entry), the minidisk specified as *vaddr1* belonging to *userid1* was found to overlap the minidisk specified as *vaddr2* belonging to *userid2*. If initializing, CA VM:Director is terminated; otherwise, the directory update fails.

Action:

Review the directory entries for both user IDs and make corrections. If the overlap is appropriate, specify one of the minidisks on an IGNORE record in the DASD CONFIG file.

0038E

MISSING PARAMETER

Reason:

A command or macro primitive was specified with an insufficient number of parameters. The command terminates with an error code or the process abnormally terminates if a macro primitive was incorrectly specified.

Action:

If the error occurred because a command was specified incorrectly, enter the command again supplying the correct parameters. Report a process abnormal termination to your system administrator.

0039E

INVALID PARAMETER *parameter*

Reason:

An error has occurred as the result of specifying an incorrect or extra command or macro parameter. The command terminates with an error code or the process abnormally terminates if a macro primitive was incorrectly specified.

Action:

If the error occurred as the result of having specified a command incorrectly, enter the command again with the correct parameter. Report a process abnormal termination to your system administrator.

0040E

TOTAL ALLOCATION LIMIT OF *number* EXCEEDED

Reason:

You tried to increase the amount of disk space allocated to a user ID. The allocation would cause the owning directory manager's allocation limit to be exceeded or the limit is already exceeded. If you are not the owning directory manager and your allocations are unlimited (defined with an asterisk in the VMDIRECT MANAGERS file), the request will succeed. Otherwise, the attempted allocation fails and the user ID is not updated.

Action:

If the command fails, either scratch a minidisk owned by one of the user IDs managed by the same manager or increase the allocation limit on the MANAGER record in the VMDIRECT MANAGERS file.

0041E

USER *userid* IS NOT A DIRECTORY MANAGER

Reason:

A command was issued specifying a directory manager user ID that is not an authorized directory manager. The command terminates with an error code.

Action:

Enter the command again, this time specifying an authorized directory manager.

0042E

NO *allocationrecord* DEFINED

Reason:

While processing the DASD CONFIG file during system initialization, CA VM:Director encountered an EXTENT record that did not have a preceding VOLUME record or any preceding SUBPOOL definitions. The EXTENT record is displayed on the console log. System initialization terminates.

Action:

Make the necessary changes to the DASD CONFIG file and start CA VM:Director again.

0043E

SUBPOOL *subpool* IS UNDEFINED

Reason:

An undefined subpool was specified during an attempted allocation of disk space, or an undefined subpool was referenced by an EXTENT definition in the DASD CONFIG file during system initialization. The disk space allocation request fails or CA VM:Director initialization fails.

Action:

Correct the referenced SUBPOOL or EXTENT record in the DASD CONFIG file and start CA VM:Director again. If you are allocating disk space, specify a valid subpool name or keyword. Use the QUERY SUBPOOLS command to determine your valid subpool names.

0044E

REQUESTED SIZE *number* EXCEEDS SUBPOOL MAXIMUM

Reason:

An attempt was made to define disk space using a subpool defined with an allocation limit that is less than the requested size. The allocation request fails.

Action:

Use a different subpool or subpool keyword, or remove or increase the allocation limit associated with the requested subpool in the DASD CONFIG file.

0045E

INVALID *allocation parameter*

Reason:

The DIRECT ALLOCATE, DIRECT OBTAIN, or DIRECT SCRATCH primitive has been issued with an invalid parameter. These primitives are commonly issued by CA VM:Director macros. The indicated parameter is incorrect. The DIRECT primitive fails. The issuing macro exits with an error message, or abnormally terminates if the error was not expected.

Action:

Check any modifications to the issuing macro for possible errors. Spool your console and trace the command macro by entering VMDIRECT TRACE MACRO *. Use the console trace and the CA VM:Director service virtual machine console log to diagnose the source of the invalid parameter. Contact Technical Support if necessary.

0046E

MINIDISK: *userid vaddr* OVERLAPS FREE AREA AT *location*

Reason:

While CA VM:Director was updating the directory entry, the minidisk was found to overlap unallocated disk space at the specified location. CA VM:Director recalculates free area during system initialization. This condition should not occur. The directory update fails.

Action:

If this message is displayed during the use of the ADMIN command, correct the MDISK statement for the specified virtual address.

0047E

MINIDISK: *userid vaddr* IS WITHIN A FIXED CP EXTENT

Reason:

During system initialization or the updating of the directory entry for *userid*, it was determined that the minidisk overlaps or is within a fixed CP extent. System initialization fails or the directory update is prevented.

Action:

Correct the DASD CONFIG file or MDISK statements before starting CA VM:Director again. Fixed CP extents are intended to define areas of disk space used by CP. Many directories cover CP areas with pseudo-minidisks to protect CP areas. If the indicated minidisk is such a minidisk, specify it on an IGNORE record in the DASD CONFIG file.

0048E

VOLUME *volume* HAS EXTENT OVERLAP

Reason:

While CA VM:Director was processing the DASD CONFIG file during system initialization, CA VM:Director determined that two or more EXTENT records on the volume overlapped or defined space past the end of the volume. Initialization fails.

Action:

Correct the DASD CONFIG file before starting CA VM:Director again.

0049S

I/O ERROR ON VOLUME *volume*, DEVICE STATUS=*devstatus*, SUBCHANNEL STATUS=*substatus*

Reason:

A permanent I/O error occurred while CA VM:Director was updating the directory on the specified volume. The device and subchannel statuses define the type of error that occurred. The directory update fails and the updating process abnormally terminates. If the error occurs during initialization, CA VM:Director terminates.

This error may be caused by an incorrect directory entry defining the CP object directory volume to the CA VM:Director service virtual machine. If the minidisk is correctly defined as a full-pack minidisk originating at real cylinder or block number zero, there may be a hardware error.

Action:

Verify that CA VM:Director is linked correctly to the online directory. When the problem is corrected, restart CA VM:Director if necessary.

0050I

RECORD IS: _____

Reason:

A directory update attempt failed because of an error in a specific directory entry statement. This message displays the statement in error after previous messages tell you the specific error situation.

Action:

Correct the statement if you entered it directly.

If the statement was generated by processing a command, determine which of the following cases applies:

- Interactions between the newly generated statement and an existing statement caused an error. For example, when the command generated the new statement, it exceeded the maximum allowed number of statements of that type. You must determine the best way to resolve the specific interaction.
- Incorrect parameters caused the statement to be built incorrectly. Correct those parameters and retry the command.
- The parameters were correct but the product command built the statement incorrectly. Report this problem to Technical Support.

0051S

INSUFFICIENT STORAGE TO INITIALIZE *system*

Reason:

The CA VM:Director service virtual machine was defined with an insufficient virtual memory size to support the data structure representing the directory contents. Initialization fails with return code 40.

Action:

The CA VM:Director service virtual machine must be given more virtual memory before CA VM:Director is started again.

0052I

USER NOT REACTIVATED

Reason:

The user ID you specified when you entered the MANAGE *userid* command is on hold. You then chose not to activate the user. The message confirms that the user ID has not been activated.

Action:

None.

0053E

NO MINIDISKS FOUND FOR USER(S) *userids*

Reason:

The indicated user IDs are not in the directory or have no minidisks to scan. The command terminates with return code 28.

Action:

None.

0054E

INVALID *entrytype* RECORD TYPE *recordtype*

Reason:

During CA VM:Director initialization or the update of an individual user ID after initialization, CA VM:Director has discovered a record in a user directory entry or in a directory profile that is entirely unknown, or not allowed in that type of directory entry or directory profile.

CA VM:Director initialization fails if this error is discovered at that time. If the error was introduced by an update of a directory entry or directory profile, the update fails. If the situation occurs during an update, you are prompted to correct the problem.

If this message is given for every statement during CA VM:Director initialization, it is probable that one of the following has happened:

- VMXGNR was run with the ENCRYPT option and the ENCRYPT record is not in the PRODUCT CONFIG.
- VMXGNR was not run with the ENCRYPT option and there is an ENCRYPT record in the PRODUCT CONFIG.

Action:

Correct or remove the invalid record. If this error occurs during CA VM:Director initialization, use the XEDIT command to update the record while CA VM:Director is not running.

If the message is received during initialization for every directory record, then there is an encryption mismatch between the directory files and the PRODUCT CONFIG, as follows:

- If the *entrytype* and *recordtype* variables in the message are not recognizable, then the database is encrypted and an ENCRYPT record is needed in the PRODUCT CONFIG.
- If the *entrytype* and *recordtype* variables are recognizable directory statements, then the database is not encrypted and the ENCRYPT record needs to be removed from the PRODUCT CONFIG.

0055E

INVALID PARAMETER ON *recordtype* RECORD AT *parameter*

Reason:

During system initialization or the updating of a directory entry, an invalid parameter was found on a *recordtype* directory statement. The system initialization or directory update fails. This message is followed by message 0056I, which indicates the file containing the record with the invalid parameter.

This parameter may be invalid by itself. Alternatively, it may be invalid in combination with other records already present in the directory entry or included profile.

Action:

Make sure the directory statement syntax corresponds to that published by IBM. If it is found to be valid by itself, check IBM documentation for restrictions when the record is being added or changed in combination with other records already present in the directory entry or included profile.

0056I

ON RECORD *number* IN FILE *filename filetype filemode*

Reason:

A directory syntax error was detected processing record *number* in the specified directory entry file. The system initialization or directory update fails.

Action:

Make sure the directory statement syntax corresponds to that published by IBM.

0057E

IPL PARAMETER STRING TOO LONG

Reason:

During system initialization or the updating of a directory entry, an IPL statement parameter field was found to be longer than 64 characters. The system initialization or directory update fails.

Action:

Make sure the directory statement syntax corresponds to that published by IBM.

0058E

MISSING PARAMETER ON *recordtype* RECORD

Reason:

During system initialization, the updating of a directory entry, or VMXGNR processing, a required parameter for the *recordtype* directory statement was found to be missing. The system initialization, directory update, or VMXGNR processing fails.

Action:

Make sure the directory statement syntax corresponds to that published by IBM.

0059E

RECORD *recordtype* SEQUENCE ERROR

Reason:

While CA VM:Director was updating a directory entry or initializing, it found a *recordtype* directory statement that was out of order. The system initialization or directory update fails.

Action:

Make sure the directory statement syntax corresponds to that published by IBM.

0060E

DUPLICATE *type* ADDRESS *addr*

Reason:

While initializing CA VM:Director or updating a directory entry, a directory entry was found to contain two devices with the same virtual device address or two CPU statements with the same processor number. The system initialization or directory update fails.

Action:

Update the directory entry and change one of the duplicate virtual addresses or processor numbers.

0062R

ENTER LOGONBY USERID:

Reason:

You attempted to log on to another user ID using your user ID and entered **by** for the normal password prompt. This prompt allows you to enter the name of your user ID, not the user ID you are attempting to log on to.

Action:

Enter your user ID.

0063E

PROCESSING OF USER *userid* ABORTED

Reason:

During system initialization or the updating of a directory entry, CA VM:Director found syntax errors on the first record of the directory entry for *userid.* This prevents subsequent processing of the directory entry. The directory entry is not processed and the user ID is not updated. If CA VM:Director was initializing, initialization fails.

Action:

Examine the first record of the directory entry file. It must be a valid USER statement, and the *userid* field must be the same as the file name of the directory entry file.

0064E

INVALID IP ADDRESS PARAMETER *ipaddr*

Reason:

An invalid IP terminal address was specified on the CAN or QRULES command, or on a DIAL, LOGON, or STORE rule statement. The command or rules file update fails.

Action:

If the IP address was specified on a command, reenter the command with a correct IP address. For further information about specifying an IP address on the CAN or QRULES command, see the *Reference Guide*.

If the IP address was specified on a rule, update the rules file again, specifying a correct IP address. For further information about specifying an IP address on a rule, see the *Rules Facility Guide*.

0065I

DIRECTORY CONTAINS *number* USERS *number* PROFILES AND *number* POOL MEMBERS ON *number* PAGES

Reason:

CA VM:Director has completed building the directory. This occurs during CA VM:Director initialization and sometimes during normal operation when the online directory extent fills.

If the message number contains DIR or DXM, CA VM:Director has initialized from the CA VM:Director source disk, DRCT. If the message number contains REB or RXC, CA VM:Director has rebuilt the directory. The REBUILD process does not read from the CA VM:Director DRCT disk. It rebuilds the directory using the information in the online extent.

The number of users in the message indicates the total number of user IDs on the DRCT and HOLD minidisks. The number of profiles is the number of directory profiles. The number of pool members is the number of online directory entries created from POOL directory source statements. The number of pages indicates the number of 4K pages of DASD space used to contain the online directory. Normal CA VM:Director operation continues.

Action:

None. If this message occurs frequently during normal operation, you may need to enlarge the directory extents.

0066E

NOT CURRENTLY EDITING A DIRECTORY ENTRY FILE

Reason:

A directory update was attempted when the process was not currently editing a directory entry file. This should not normally occur. CA VM:Director does not update the directory entry. This message indicates the presence of a logic error in a command macro. The requesting process may abnormally terminate.

Action:

For assistance, contact Technical Support.

0067W

ERROR *errnum* WHILE COPYING SAMPLE PROFILE *filename filetype*

Reason:

CA VM:Director has determined that the indicated file is to be copied to the user's 191 minidisk or the top-level SFS directory to be used as the PROFILE EXEC. The sample profile may have been specified on an *SP= record in a skeleton file or directory entry, or it may have defaulted to SAMPLE PROFILE. The indicated error occurred while CA VM:Director was copying the file either to the CA VM:Director A-disk or to the user's minidisk or file space. The indicated error code comes from either the CA VM:Director primitives USER COPYFROM or USER COPYTO, or from the CMS COPYFILE command. CA VM:Director does not copy the sample profile; the command completes normally otherwise.

Action:

Determine the cause of the error from the error code and possibly from other messages on the user's or the CA VM:Director console log, and correct the condition for future attempts to copy the sample profile. For the user with the current problem, you must manually copy the desired file or create a new PROFILE EXEC.

0068E

MANUAL ALLOCATION OR CHANGE OF MINIDISK SPACE IS NOT ALLOWED FOR *minidisk* MINIDISK.

Reason:

You attempted to manually add or change the allocation for an existing minidisk using the CA VM:Director EDIT command. Minidisk management is not supported when using the CA VM:Director EDIT command.

Action:

Use another method to make the changes, such as the CA VM:Director MANAGE, ADDMDISK, or CHGMDISK commands.

0069E

DUPLICATE RECORD FOUND: DATEFORMAT

Reason:

CA VM:Director found more than one DATEFORMAT record in either a PROFILE or USER directory entry. You can have only one DATEFORMAT record in a directory entry. Command processing ends.

Action:

Remove the extra DATEFORMAT records and issue the command again.

0070E

AREA ON *volume* FROM *start* TO *end* OVERLAPS AN EXTENT

Reason:

A command scratched disk space on the indicated volume from start to end, which overlaps an extent definition. The command macro abnormally terminates.

Action:

Spool your console and trace the command macro by entering VMDIRECT TRACE MACRO *. Contact Technical Support with the console trace and the CA VM:Director service virtual machine console log.

0071E

AREA ON *volume* FROM *start* TO *end* OVERLAPS MINIDISK: *userid vaddr*

Reason:

A command scratched disk space on the indicated volume from start to end, which overlaps minidisk *vaddr* allocated for *userid*. The command macro abnormally terminates.

Action:

Spool your console and trace the command macro by entering VMDIRECT TRACE MACRO *. Contact Technical Support with the macro trace and the CA VM:Director service virtual machine console log.

0072E

AREA ON *volume* FROM *start* TO *end* OVERLAPS EXISTING FREE AREA

Reason:

A command scratched disk space on the indicated volume from start to end, which overlaps known free area. The command macro abnormally terminates.

Action:

Spool your console and trace the command macro by entering VMDIRECT TRACE MACRO *. Contact Technical Support with the macro trace and the CA VM:Director service virtual machine console log.

0073E

number unit(s)* IS(ARE) NOT AVAILABLE *location

Reason:

A directory manager has attempted to allocate more minidisk space than was available under the constraints specified. The final part of the message, *location*, will be one of the following:

```
ON VOLUME volume
ON TYPE type
AT LOCATION location
ON ANY VOLUME
```

The requested minidisk is not allocated. The issuing macro displays the error message.

Action:

Change the constraints of your space request as indicated by location. For example, try a different device type, a different volume, a different starting location, or a smaller size.

0074E

FILE *filename filetype filemode* IS EMPTY

Reason:

A command macro editing the indicated file attempted to save the contents of the file while it was empty. This error should not occur. The command macro abnormally terminates. The file is not saved.

Action:

Spool your console and trace the command macro by entering VMDIRECT TRACE MACRO *.

Contact Technical Support with the macro trace and the CA VM:Director service virtual machine console log.

0075E

NO FILE BEING EDITED

Reason:

A command macro issued an EDIT primitive while not editing a file. The command macro abnormally terminates.

Action:

Spool your console and trace the command macro by entering VMDIRECT TRACE MACRO *.

Contact Technical Support with the macro trace and the CA VM:Director service virtual machine console log.

0076S

USER ERROR code COPYING FILE *filename filetype filemode*

Reason:

A command macro received an unexpected error code copying the file to or from the user's minidisk. The indicated error code is generated by the CMS WRBUF function. The command terminates with an error or a process abnormal termination.

Action:

Refer to the appropriate IBM CMS user macro reference under FSREAD or FSWRITE for an explanation of the error code.

0077E

DEVICE TYPE *type* NOT FOUND IN *subpool keyword* SUBPOOL(S)

Reason:

A directory manager has attempted to allocate space for a new minidisk and has specified the device type on which the space is to be allocated (for example, 3330). No EXTENT records were found in the DASD CONFIG file that are part of the subpool or subpool group and reside on a volume of the specified device type. Space is not allocated. The issuing macro displays the error message.

Action:

Correct the device type, if entered incorrectly. If the device type is correct, add the appropriate subpool name to existing EXTENT records in the DASD CONFIG file.

0080E

ENTRY *entry* DOES NOT EXIST

Reason:

A command was issued specifying an entry that is not in the directory. The command terminates with return code 28.

Action:

Enter the command again specifying an existing directory entry name.

0084E

***user(or servant)* RESET DETECTED**

Reason:

The user has reset the virtual machine by issuing HX, re-IPLing, or logging off during an active CA VM:Director process; or, a servant machine was re-IPLed or logged off. Using the SMSG command may also cause user reset. The command terminates or the process abnormally terminates. CA VM:Director system execution continues normally.

Action:

None.

0086E

ERROR *code* EXECUTING STACK UDATES

Reason:

The GETPWEXP command experienced an internal error from a STACK UDATES request. Processing fails.

Action:

Contact Technical Support.

0088I

ENDING *command* COMMAND, RC=*code*

Reason:

A CA VM:Director command ended with the specified return code.

Action:

None.

0094S

SUCCESSFUL QUIT FROM *number* FILE(S) YOUR PROCESS WAS EDITING

Reason:

This message could occur after a process abnormal termination or the improper completion of a command that was editing files. The edited files are automatically closed.

Action:

None, if this message occurs with messages 0600I, 0601I, 0602I, and 0603I. If this message occurs by itself, contact Technical Support.

0098I

***system* COMMAND *command-text processed* BY NORULE DEFAULT**

Reason:

This message states that the command indicated by *command-text* was accepted or rejected by the NORULE record setting in the SECURITY CONFIG file because no specific rule for the command exists. The command's subsequent execution continues normally or ends in an error condition depending on whether the NORULE record is set to accept or reject the action.

Action:

None.

0099I

***command* COMMAND CANCELED**

Reason:

The indicated command was canceled, possibly because the user pressed the PA1 key, re-IPLed, or HXed. CA VM:Director also cancels the MANAGE command if the skeleton provides invalid directory records. The command terminates with return code 100.

Action:

None.

0100E

COMMAND FORMAT REQUIRES A PASSWORD

Reason:

You entered an AUTOLOG command that requires a password. Unless password suppression has been specified, the AUTOLOG command syntax requires that the target ID's logon password be specified on the AUTOLOG command line. The AUTOLOG command is rejected.

Action:

Enter the AUTOLOG command again with the logon password, or create an ACCEPT rule with the NOPASS option.

0101W

USER *userid* SPECIFIED ON *type* RECORD DOES NOT EXIST OR IS ON HOLD

Reason:

A record in one of the configuration files was found specifying *userid*, which is a nonexistent user ID or a user ID on hold. Initialization or online updating of the configuration files continues normally.

Action:

Always remove nonexistent user IDs from records to promote sound security practices.

0102E

***record type* ALREADY DEFINED**

Reason:

The indicated record in one of the configuration files has already been defined. The system initialization or configuration file update terminates with an error condition.

Action:

Correct the configuration file and reinitialize CA VM:Director. Attempt the update again.

0103E

USER *userid* MISSING REQUIRED STATEMENTS

Reason:

During CA VM:Director initialization or while updating the directory entry file for *userid,* CA VM:Director determined that no virtual devices were defined in the directory entry and the logon password was not set to NOLOG for the user. CA VM:Director does not initialize, or the user ID is not updated.

Action:

Set the password to NOLOG or define a virtual device.

0104R

ENTER LOGON PASSWORD:

Reason:

You entered a CP LOGON or AUTOLOG command without specifying the required password (which is normal in most cases). CA VM:Director is prompting for the password so that it can be verified. A password verification read is issued to your terminal. If you are using a 3270 terminal, the password you enter will not be displayed. The verification process waits for the password to be entered.

Action:

Enter the required logon password.

0105E

NOT AUTHORIZED FOR *command* USAGE

Reason:

The user issued a command that the user is not authorized to use and CA VM:Director must return special notification to the user that the request is rejected. The request is ignored and a REJECT message is returned to the user through the CP SMSG command.

Action:

For proper authorization, put the following record in the AUTHORIZ CONFIG file:

GRANT *command* TO *userid*

See the GRANT record in the *Administration Guide* for an explanation of the syntax.

0106I

system* MINIDISK *vaddr* QUIESCED BY *userid

Reason:

The minidisk belonging to the CA VM:Director service virtual machine has been quiesced by the indicated *userid* so that it can be backed up. All private locks on files residing on the indicated minidisk are in effect as long as the indicated *userid* has a link to that minidisk.

Action:

None.

0107R

ENTER *type* LINK PASSWORD:

Reason:

You entered a CP LINK command without specifying the required password (which is normal in most cases). CA VM:Director is prompting for the password so that it can be verified. A password verification read is made. This means the data you enter will not be displayed on 3270 terminals. The verification process waits for the password to be entered.

Action:

Enter the required link password.

0108I

LAST LOGON AT *time zone day date* FROM *termaddr* (BY *userid)*

Reason:

This message is normally displayed at logon time if the directory entry of the user ID logging on contains an *LL= statement. It indicates the time, with time zone, day, date, and terminal address last used to log on successfully to your user ID. If BY *userid* is also displayed, *userid* was the user ID that logged on the last time using the LOGONBY feature. Logon continues normally.

Action:

Verify that the indicated time, date, and terminal address are reasonable for your last access. If not, consider changing your logon password.

0110I

number* RECORDS (*number* USERS) ADDED TO FILE *filename filetype filemode

Reason:

This message indicates that CA VM:Director has completed the addition of directory entry files on the indicated number of records to the indicated file as part of the VMXBKP01 EXEC procedure or the EXTRACT command.

Action:

None.

0111E

COMMAND *command* REQUIRES THE USE OF A DISPLAY TERMINAL

Reason:

The indicated CA VM:Director command requires the use of a display terminal because it only functions in full-screen mode. The command terminates with return code 100.

Action:

Enter the command appropriate for linemode terminals. Most USER and MANAGE command functions can be performed with the MAINT or MAINT MANAGE commands.

0112E

COMMAND *command* REQUIRES USE OF *vmdirect* COMMAND

Reason:

The indicated CA VM:Director command requires the use of the CA VM:Director communication module, vmdirect. This module has the same name as the CA VM:Director service virtual machine; typically, this is VMDIRECT. Commands and responses are sent back and forth between the CA VM:Director service virtual machine and the user ID issuing the command. The command terminates with return code 100.

Action:

Enter the command again in the CMS environment using vmdirect instead of SMSG.

0113E

ERROR *code* ACCESSING *label* MINIDISK

Reason:

An unexpected error code was received accessing the indicated minidisk during system initialization in response to the ACCESS record in the PRODUCT CONFIG file. The indicated error code is generated by the CMS ACCESS command. Initialization fails.

Action:

The cause of the ACCESS error must be corrected before CA VM:Director is started again. See the *Reference Guide* for the correct format of the ACCESS record in the PRODUCT CONFIG file.

0114E

INSTALLATION EXIT *exitname* NOT FOUND

Reason:

The user exit *exitname* specified on a USEREXIT record in the PRODUCT CONFIG file could not be found on any accessed disk on the CA VM:Director service virtual machine. Product initialization or the CA VM:Director CONFIG PRODUCT command will eventually fail.

Action:

Specify the correct file name and file type of the appropriate user exit or make it accessible to the server. You may have specified the wrong file type; TEXT is the default. If you do not need the user exit, you can remove the USEREXIT record.

0115I

PROCESSING FILE *filename filetype filemode* ON *nodename*

Reason:

A configuration file was processed on the specified node. Other messages describing errors may also be issued along with this message during initialization or this message may be purely informational.

Action:

If other error messages are seen, make any needed corrections to the indicated file before starting CA VM:Director again.

0116E

MACRO *macro* NOT FOUND

Reason:

A MACLOAD record in the PRODUCT CONFIG file specified a macro file name that could not be located during initialization processing. Command macro file types must be the same as the CA VM:Director service virtual machine user ID. The MACLOAD record is displayed immediately after the message. Initialization fails.

Action:

Make sure that the indicated macro is on a minidisk accessed by the CA VM:Director service virtual machine.

0117I

THERE ARE *number* DYNAMIC PAGES LEFT

Reason:

The message indicates the number of dynamic pages that are left after system initialization completes. Dynamic pages are used by processes that execute commands during normal operation. Processes use three to four pages on the average. If no pages are available, the process waits.

Action:

None.

0118I

NORMAL COMPLETION

Reason:

The requested command completed normally with or without issuing other messages.

Action:

None.

0119E

VOLUME *volume* IS NOT A *type* DEVICE

Reason:

A request has been made to allocate a new minidisk. The request specified the volume and the device type but the named volume is not of the specified device type. A new minidisk is not allocated.

Action:

Correct the volume name or device type and enter the request again.

0120E

VOLUME *volume* NOT FOUND IN CONFIGURATION

Reason:

A request has been made to allocate a new minidisk on the indicated volume, but the volume is not defined to CA VM:Director by a VOLUME record in the DASD CONFIG file. A new minidisk is not allocated.

Action:

Correct the volume name or add a VOLUME record to the DASD CONFIG file and enter the request again.

0121E

ERROR *code* FROM DIAGNOSE X'84' PROCESSING

Reason:

A command attempted to make an immediate change of the user's account number but the diagnose failed with the indicated error code. The account number is not changed. The command may terminate with an error or process abnormal termination.

Action:

Refer to the appropriate IBM documentation for an explanation of the code.

0122I

CLEARING QUIESCE ON *system* MINIDISK *vaddr*

Reason:

CA VM:Director detected that the link established to the CA VM:Director service virtual machine minidisk was detached, indicating the end of the QUIESCE state. CA VM:Director resumes normal access of the quiesced minidisk.

Action:

None.

0123E

MINIDISK *vaddr* NOT LINKED

Reason:

The minidisk belonging to the CA VM:Director service virtual machine was not linked when the QUIESCE command was requested. The request is ignored and a REJECT message is returned to the requestor through the CP SMSG command.

Action:

The user ID issuing the QUIESCE command request must obtain a link to the specified minidisk before issuing the request again.

0124I

COMMAND *command* CANCELED BY EXIT; *status-message*

Reason:

The indicated command was canceled by a site-supplied COMMAND exit. The reason for canceling the command is supplied by the user exit routine. The command is ignored.

Action:

None.

0125E

***label* DISK *mode*(*vaddr*) LABEL INCORRECT**

Reason:

During system initialization, the minidisk was accessed at the indicated disk mode but the disk label was not found to match the label specified on the ACCESS record in the PRODUCT CONFIG file. Initialization fails.

Action:

Make sure the minidisks accessed have the correct disk labels before CA VM:Director is started again.

0126W

***type requestor* SPECIFIED *number* INVALID *passwordtype* PASSWORDS**

Reason:

The indicated user or terminal has specified a number of consecutive incorrect passwords. CA VM:Director continues to monitor incorrect passwords for the user or terminal. When the count exceeds the predetermined limit, further attempts at entering passwords are prevented.

Action:

Determine if the user attempting access is valid. Supply the user with the correct password if necessary and use the RESET or JOURNAL RESET command to enable the function again.

0127E

type1 requestor1 EXCEEDED type2 requestor2 *passwordtype* PASSWORD LIMIT (FOR *vaddr)*

Reason:

A user (*userid1*) exceeded the invalid password limit for the type of password displayed (VMXLINK, VMXLOGON) for *userid*. When a VMXLINK password limit is exceeded, the virtual device address *vaddr* is also indicated. CA VM:Director prohibits *userid1* from further linking to *userid2*.

Action:

Supply the user with the correct password if necessary, and use the RESET or JOURNAL RESET command to enable the function again.

0128E

NO MATCHING JOURNAL INFORMATION FOUND

Reason:

An authorized user entered the RESET command, the JOURNAL RESET command, or the JOURNAL LIST command, but no journal information was found. This probably indicates that the command was incorrectly specified. The command terminates with return code 24.

JOURNAL information is also changed by the USERPASS or TERMPASS user exits. See the *Reference Guide* for more information.

Action:

Enter the command again with the correct parameters.

0129E

THE *label* DISK IS ALREADY ACCESSED

Reason:

The system determined the requested minidisk was previously accessed by another ACCESS record in the PRODUCT CONFIG file being processed. Each database minidisk can be specified on only one ACCESS record in the PRODUCT CONFIG file. Initialization fails.

Action:

Remove the extra ACCESS record, then restart CA VM:Director.

0130E

THERE WAS NO *label* DISK ACCESSED

Reason:

The required database minidisk was not specified on an ACCESS record in the PRODUCT CONFIG file. Initialization fails.

Action:

All required database minidisks, DRCT, BKUP, and HOLD, must be specified with ACCESS records in the PRODUCT CONFIG file.

0133E

USER *userid* DIRECTORY MANAGER *managerid* IS UNDEFINED

Reason:

While CA VM:Director was processing the directory database during initialization, *userid* was found to have directory manager *managerid* but *managerid* is not defined as a directory manager. Directory managers are defined in the MANAGERS file. Initialization fails.

Action:

Make sure that *managerid* is defined as a directory manager in the VMDIRECT MANAGERS file. Initialize CA VM:Director again.

0135I

USER *userid* HAS BEEN PLACED ON HOLD

Reason:

The indicated *userid* has been removed from the CP object directory and has been placed on hold. The user's directory entry file is moved to the HOLD minidisk.

Action:

None.

0136E

END OF ADDRESS RANGE IS LESS THAN START OF RANGE

Reason:

You tried to create a LOGON or DIAL rule that specifies a range of addresses. The lower end of the range was a larger number than the higher end of the range, as in 0093-0081. The new rule is not created. You are prompted to correct the error.

Action:

Correct the address range.

0139W

WARNING - CA VM:Director *vaddr* FOUND NOT ACCESSED, ATTEMPTING TO REACCESS NOW

Reason:

CA VM:Director determined that one of its minidisks was not accessed and should have been. CA VM:Director will attempt to access the disk again. If it is unable to, abend ABN001 will occur.

Action:

Examine the CA VM:Director console log to verify that a user has not caused the disk to be released. If it seems that this is not the case, save the CA VM:Director console log, from the last startup to the present, and contact Technical Support.

0140E

INVALID CHANGE OF PARAMETER *parameter* ON *record* RECORD

Reason:

An attempt was made to change the indicated parameter on a configuration file record. This parameter cannot be changed. The configuration file is not changed. CA VM:Director asks if the user wants to correct the problem.

Action:

Correct the problem if possible. If you do not choose to do so, the configuration file is restored to its initial state.

0142E

IPLDISK *vaddr* DOES NOT EXIST

Reason:

The IPLDISK record in the PRODUCT CONFIG file specified a virtual device address that was not defined for the CA VM:Director service virtual machine. Initialization fails.

Action:

The PRODUCT CONFIG file must be corrected before CA VM:Director is started again.

0143E

NO USERS FOUND

Reason:

No users were found for the command request.

Action:

None.

0144E

THIS AREA IS A FIXED CP EXTENT

Reason:

A CA VM:Director primitive referred to a DASD area that is defined as a fixed CP extent in the DASD CONFIG file.

Action:

Adjust your command or DASD configuration appropriately.

0145E

INVALID *processing* OF *record* RECORD

Reason:

While updating one of the configuration files or the VMDIRECT MANAGERS file, CA VM:Director detected an attempted addition or removal of a record that cannot be added or removed. The file is not updated. CA VM:Director asks the user if he wants to correct the problem.

Action:

Correct the problem if possible. If you do not choose to do so, the file is restored to its initial state. See the *Administration Guide* for a description of configuration file records that may be changed with the CONFIG command.

0146W

A QUICK START ATTEMPT FAILED DUE TO *reason*.

Reason:

During CA VM:Director initialization, a quick start of the object directory is always attempted unless you explicitly request a source start by using one of several startup options. This message indicates that the attempted quick start has failed, and specifies the reason for the failure. The variable reason is one of the following:

- THE OBJECT DIRECTORY BEING WRITTEN BY ANOTHER PRODUCT OR RELEASE

  The object directory found is incompatible with the version of CA VM:Director that is running and the operating system on which it is running. Possible causes are:

  The directory was created using the DIRECTXA command.

  The directory was created using a different release of CA VM:Director.

  The directory was created using a different release of the operating system.

  In any case, the object directory cannot be used and must be recreated. This will occur automatically.

- MANUALLY MODIFYING THE SOURCE DIRECTORY SINCE THE OBJECT DIRECTORY WAS WRITTEN

  CA VM:Director detects inconsistencies between the source and object directories by comparing the time stamp of the most recently updated source entry with the time stamp of the last update of the object directory (assuming it was written by CA VM:Director). If the difference between these two time stamps is greater than three seconds, the two are considered out of sync and CA VM:Director creates the object directory again.

- PROFILE *profilename* or USER *userid* FOUND MISSING FROM THE SOURCE DIRECTORY
- A USER ON HOLD, *userid*, BEING FOUND IN THE OBJECT DIRECTORY
- A USER ON HOLD, *userid*, BEING FOUND IN THE ACTIVE SOURCE DIRECTORY
- HELD USER *userid* FOUND MISSING FROM THE SOURCE DIRECTORY

  These errors are most likely caused by manually copying or erasing directory entries on either the DRCT or the HOLD source minidisk or both minidisks. CA VM:Director detects these inconsistencies by comparing them with the object directory.

- AN ERROR MAPPING A MINIDISK FOR USER *userid*

  This error is most likely caused by manually updating the DASD CONFIG file or a directory entry on the DRCT source disk while CA VM:Director is not running.

Action:

CA VM:Director continues by automatically initiating a source start. This will cause the object directory to be recreated, thus making the two versions compatible again. Find and correct the cause of the quick start failure to enable future quick starts to succeed; this will reduce the initialization time significantly.

0152E

SYSTEM *label* DISK IS R/O

Reason:

While processing an ACCESS record in the PRODUCT CONFIG file, CA VM:Director determined that the minidisk is attached in read-only mode. Minidisks specified on ACCESS records in the PRODUCT CONFIG file must be attached in read/write mode. Initialization fails.

Action:

Attach the indicated minidisk in read/write mode, then restart CA VM:Director.

0158S

INSUFFICIENT SPACE ALLOCATED FOR ONLINE DIRECTORY

Reason:

During normal system operation, the CP object directory extents became full. It is no longer possible to make further directory updates. The command process abnormally terminates. The system operation continues normally.

Action:

Look up how to change the CP directory allocation in the *Administration Guide*. Format and allocate additional space for the CP object directory. Start CA VM:Director again.

0161E

***system* SYSTEM A-DISK FULL**

Reason:

During CA VM:Director system initialization, the indicated CA VM:Director service virtual machine A-disk became full. Initialization fails.

Action:

Enlarge the A-disk and start CA VM:Director again.

0162I

PASSWORD CHANGE REQUIRED, BUT DIRECTORY ENTRY IS IN USE

Reason:

The user's logon password has expired; the user has been prompted to supply a new one, and has done so. The new password cannot be placed in the directory database, because the user's entry is being altered by a manager or system administrator. The logon is not allowed.

Action:

Try the logon again in a few seconds. As soon as your directory entry is not in use, you will be allowed to log on.

0164E

REQUIRED *record* RECORD(S) MISSING

Reason:

During system initialization or updating of a configuration file, a required configuration file record was found to be missing. The system initialization or configuration file update fails.

Action:

Add the appropriate configuration file records and either start initialization or try the update again.

0167E

USER *userid* EXCEEDED THE CP LOGON PASSWORD LIMIT

Reason:

Too many consecutive invalid passwords were issued during logon attempts to *userid*. Subsequent logons will not be permitted. All terminals are prevented from logging on to *userid*. Depending on user exits at your site, a user rule may have been created to keep the user ID from being logged on.

Action:

Use the RESET or JOURNAL RESET command to clear the invalid password counter.

0173W

number* INVALID LOGON PASSWORDS WERE SPECIFIED FOR (or BY) USER *userid

Reason:

CA VM:Director sends this message whenever your site's invalid password threshold is exceeded. This message indicates that a number of consecutive invalid passwords were specified by or for the indicated *userid*. CA VM:Director continues to count invalid passwords until a successful password is issued or the invalid password limit is reached.

Action:

Notify the appropriate personnel.

0182I

A *starttype* START OF THE OBJECT DIRECTORY WAS COMPLETED SUCCESSFULLY.

Reason:

This message identifies the kind of directory initialization that took place during startup. In the case of a source start, CA VM:Director sent message 0738I previously, describing the reason for the source start.

Action:

This is an informational message. However, make sure it is necessary for you to do a source start. Source starts take considerably longer than quick starts.

0183W

USER *userid* NOT IN ONLINE DIRECTORY. BEING ADDED FROM SOURCE

Reason:

During system initialization, the indicated *userid* was found on the CA VM:Director directory database disk but not in the CP object directory. This indicates that a user ID has been added to the directory database. Initialization continues normally; the user ID is subsequently added to the directory if it can be added without causing further errors.

Action:

None. Note that manually copying new directory entry files to the directory database disk is not the preferred method for adding new user IDs to the system.

0188E

SUBPOOL *subpool* CANNOT ALLOCATE IN EXTENT

Reason:

The COMPRESS utility command was issued to compress an extent using a subpool that cannot allocate within the extent being compressed. Execution terminates.

Action:

Determine what subpool to use by examining the SUBPOOL record in the DASD CONFIG file.

0189I

MOVING USER *userid* MINIDISK *vaddr* TO *location number*

Reason:

The COMPRESS utility command was issued to compress an extent. The command is moving the minidisk of the indicated user to the appropriate cylinder or block location. The minidisk is moved and execution continues.

Action:

None.

0190I

MOVING USER *userid* MINIDISK *vaddr* TEMPORARILY TO VOLUME *volume*

Reason:

The COMPRESS utility command was issued to compress an extent. The minidisk of the indicated *userid* is being moved temporarily outside the extent to make room for the compression. The minidisk is moved and execution continues.

Action:

None.

0191I

FORMATTING *size units* OF FREE SPACE AT *location number*

Reason:

The COMPRESS command was issued to compress an extent. This message indicates the cylinder or block number of a contiguous amount of free space of the indicated size. The command formats the resulting free space.

Action:

None.

0192I

WAITING FOR USER *userid* TO DETACH MINIDISK *vaddr*

Reason:

The COMPRESS command was issued to compress an extent. An attempt to LINK to the minidisk was prevented because the minidisk was in use. The command waits for 15 seconds and retries the LINK.

Action:

None.

0193I

ATTEMPTING TO COMPRESS YOUR *vaddr* MINIDISK

Reason:

The COMPRESS command is attempting to link to your minidisk. Your minidisk cannot be linked until you detach it. The command waits for 15 seconds and tries the link again.

Action:

Detach the minidisk or log off. After COMPRESS processing completes, you may LINK and reaccess your minidisk.

0194I

ATTEMPTING TO COMPRESS USER *userid* MINIDISK *vaddr1* WHICH YOU HAVE LINKED AS *vaddr2*

Reason:

The COMPRESS command is attempting to link to minidisk *vaddr1* of *userid*, which you have linked as *vaddr2*. The minidisk cannot be linked until you detach it. The command waits for 15 seconds and tries the link again.

Action:

Detach the minidisk or log off. If you detach the minidisk, be sure to reaccess it.

0195I

PLEASE DETACH *vaddr* OR LOGOFF

Reason:

This message follows message 0194I or 0193I. A CA VM:Director utility command is attempting to link to a minidisk that you currently have linked as *vaddr*. The command waits for 15 seconds and tries the link again.

Action:

If possible, detach the minidisk or log off. If you detach the minidisk, be sure to reaccess it.

0196I

WAITING FOR USER *userid1* TO DETACH *vaddr* LINK TO USER *userid2*

Reason:

The COMPRESS command is attempting to link to a *userid2* minidisk that *userid1* currently has linked as *vaddr*. The command waits until *userid1* detaches its link to the minidisk.

Action:

None.

0198E

UNABLE TO ALLOCATE *size units* WITH SUBPOOL *subpool* ON TYPE *type* (or VOLUME *volume*)

Reason:

An unsuccessful attempt was made to allocate space using the indicated subpool on the specified volume or on any volume of the listed device type. The command terminates with an error.

Action:

Determine what subpool name to use by looking in the VMDIRECT MANAGERS file or the SUBPOOL record in the DASD CONFIG file and enter the command again.

0200E

UNEXPECTED ERROR *code* LINKING USER *userid* MINIDISK *vaddr*

Reason:

While attempting to access the specified minidisk for directory maintenance, CA VM:Director encountered an unrecognized return code from the CP LINK command.

Action:

Refer to the IBM documentation on the CP LINK command to determine why the link failed. The error code displayed is the message number to look up in the section on CP messages.

0201I

THE SCRATCH INSTALLATION EXIT REJECTED MOVING USER *userid* MINIDISK *vaddr*

Reason:

You used the COMPRESS command to move the minidisk owned by the indicated *userid*, but your site's SCRATCH user exit routine indicated that the minidisk should not be moved. The minidisk is not moved, and the command terminates in error.

Action:

None.

0202I

THERE WAS A TOTAL OF *number1* MINIDISK MOVES RESULTING IN *number2* FREE AREAS

Reason:

The COMPRESS utility command has completed processing after having moved *number1* minidisks to create *number2* free areas. The command terminates normally.

Action:

None.

0203E

MISSING ALLOCATION INFORMATION. A *system* RESTART IS NECESSARY

Reason:

A previous process abnormal termination may have resulted in the loss of some free space allocation information. You cannot use the COMPRESS command for this extent until you reconstruct the missing free space allocation information by starting the CA VM:Director service virtual machine again. The COMPRESS command terminates with an error.

Action:

When appropriate, start CA VM:Director again. Notify Technical Support if any process abnormally terminates.

0204I

CANNOT COMPRESS USER *userid* MINIDISK *vaddr*

Reason:

The COMPRESS command cannot process the minidisk of the indicated *userid*. Previous messages indicate the specific reasons. The minidisk is not processed and the command terminates.

Action:

None.

0205E

INSTALLATION EXIT '*exitname*' ALREADY SPECIFIED.

Reason:

The user exit *exitname* has already been found on a USEREXIT record in the PRODUCT CONFIG file. Only one definition of each type of user exit is allowed. Product initialization or CA VM:Director CONFIG PRODUCT command execution will eventually fail.

Action:

Decide which of the multiple user exit definitions is correct and remove the others from the file. Restart CA VM:Director or retry the CA VM:Director CONFIG command.

0209E

BLOCKSIZE 800 IS NOT SUPPORTED ON FB-512 DEVICES

Reason:

An attempt was made to place a CMS minidisk with the old CDF 800-byte block size onto an FB-512 device. CMS does not support CDF minidisks on FB-512 devices. The command terminates with an error.

Action:

None.

0210E

SUBPOOL KEYWORDS ARE NOT ALLOWED AS *position* SUBPOOL PARAMETER

Reason:

You cannot use a subpool keyword as the first subpool parameter with the COMPRESS macro.

Action:

Specify a specific subpool instead of a subpool keyword.

0212I

VDISK OPTIONS IGNORED: options

Reason:

This is the response to an ADDMDISK command for a VDISK when certain options are present on the command line but are being ignored. The options which have no meaning for a VDISK include CACHE, MDC, WRKALLEG, NOCTL, SYSCTL DEVCTL, and PAVALIAS.

Action:

None.

0220E

INVALID *keyword* OPTION OPERAND *parameter*

Reason:

An invalid command or rule statement parameter was specified. The command or rule update fails.

Action:

Enter the command again or change the rule statement, specifying a valid parameter.

0221E

MISSING *keyword* OPTION OPERAND

Reason:

A required operand for the command or rule statement option was not specified. The command or rule update fails.

Action:

Enter the command again or change the rule statement specifying a valid keyword option operand.

0225E

MINIDISK *userid vaddr* IS NOT A *typedisk* AND CANNOT BE MOVED TO *typedisk*

Reason:

You attempted to move a user's minidisk to T-DISK or V-DISK. Only minidisks defined on T-DISK or V-DISK can be moved to T-DISK or V-DISK.

Action:

Only move minidisks to subpools, not to T-DISK or V-DISK.

0226I

YOUR LOGON PASSWORD WILL EXPIRE IN *number* DAYS

Reason:

Your logon password has not been changed recently and will soon expire. You may change your password at any time but if you do not, you will be forced to change it in the number of days shown. Logon continues normally.

Action:

Once logged on, use CA VM:Director to change your logon password.

0230I

PASSWORDS CANNOT BE DISPLAYED, PWSUPRES IS IN EFFECT

Reason:

You entered the CA VM:Director MAINT MDPW command to display the minidisk passwords for a specified minidisk. CA VM:Director cannot display the passwords because password suppression is in effect.

Action:

None.

0231E

USER *userid* IS NOT CURRENTLY LOGGED ON

Reason:

The QUERY BYUSER command was issued for a *userid* that is not logged on. The command terminates with return code 45.

Action:

None.

0234E

CANNOT REBLOCK A MINIDISK THAT MAY HAVE BEEN RECOMPED

Reason:

You issued the CA VM:Director CHGMDISK command. The minidisk you are attempting to reblock has more physical blocks than are covered by the minidisk's CMS file structure. This usually indicates that the minidisk was formatted with the RECOMP option to reserve some space for data not in CMS format (for example, an IPLable nucleus). CA VM:Director cannot preserve the data that is outside the minidisk's CMS file structure and must refuse to reblock the minidisk. The CHGMDISK command terminates, the minidisk is not changed, and no new minidisk is created.

Action:

Allocate a new minidisk through CA VM:Director, then use native CMS facilities (FORMAT, DDR, or COPYFILE) to place the desired data on the new minidisk.

0235I

MINIDISK CONTAINS DATA IN A RECOMPED AREA, YOU CAN ONLY CHANGE THE LOCATION

Reason:

You have issued the CA VM:Director MAINT MANAGE DISKMOVE command, the MANAGE command, or the CHGMDISK command against a disk that has been formatted with the RECOMP option. You used the RECOMP option to reserve some space for data that is not in CMS format (for example, an IPLable nucleus.) You cannot use the MANAGE and MAINT MANAGE commands to change the device type, block size, or minidisk size.

This message is informational for the CHGMDISK command. CA VM:Director has used DDR to move the minidisk.

Action:

Determine whether the RECOMP area should be on a specific cylinder and make sure that no problems arise from using DDR.

0248E

USER *userid* INCLUDE RECORD IS INVALID

Reason:

The INCLUDE record in *userid*'s directory entry is invalid, either because it does not specify a directory profile, or because it specifies a name that is not the name of any directory profile. This should occur only if you use the EDIT or EDX command to add the INCLUDE record. The user ID's directory entry is not updated, and you are prompted to correct the error.

Action:

Correct the error and issue the FILE command again from XEDIT.

0249E

MORE THAN ONE USERID *userid* FOUND ON THE DRCT (or HOLD) DISK

Reason:

During CA VM:Director initialization, CA VM:Director detected two or more directory entries for the same user ID, indicated by *userid,* on either the DRCT or the HOLD minidisk. This could be caused by a malfunction of CA VM:Director during a previous session. It could also be caused by manual actions such as copying files to the DRCT or HOLD minidisk, perhaps while CA VM:Director was not in operation. CA VM:Director does not complete initialization, and is not operative.

Action:

Examine the directory entries in question, determine which is correct for the user ID, and eliminate the duplicate file or files. If the contents are identical, determine who should be the manager for the user ID and eliminate the duplicate file or files. The file name of the directory entry should match the user ID, and the file type should match the correct directory manager's user ID.

0250E

USERID *userid* WAS FOUND ON BOTH THE DRCT AND HOLD DISKS

Reason:

During CA VM:Director initialization, CA VM:Director detected a directory entry for the named *userid* on both the DRCT and the HOLD minidisk. This could be caused by a malfunction of CA VM:Director during a previous session. It could also be caused by manual actions such as copying files to the DRCT or HOLD minidisk, perhaps while CA VM:Director was not in operation. CA VM:Director does not complete initialization, and is not operative.

Action:

Examine the directory entries in question and try to determine which is correct for the user ID. If the contents are identical, determine who should be the manager for the user ID, and whether the user ID should be active or on hold. The file name of the directory entry should match the affected user's user ID, and the file type should match the appropriate directory manager's user ID. If a user ID is on hold, its directory entry belongs only on the HOLD minidisk, not on the DRCT minidisk. If the user ID is active, its directory entry belongs only on the DRCT minidisk, not on the HOLD minidisk.

0252E

THERE IS NO DIRECTORY ENTRY ON THE DRCT DISK FOR THE USERID *vmdirect*

Reason:

During initialization, CA VM:Director found that its own user ID (normally VMDIRECT) was not in the directory database, or was on hold. The most likely explanation for this is manual copying, renaming, or erasing of files on one or more of the CA VM:Director minidisks. CA VM:Director does not complete initialization, and is not operative.

Action:

Log on to the CA VM:Director service virtual machine and access the DRCT, BKUP, and HOLD minidisks. If there is a directory entry for the CA VM:Director service virtual machine on the BKUP or HOLD minidisk, move it to the DRCT minidisk. If there is no directory entry for the CA VM:Director service virtual machine, you must restore one from your most recent backup of the DRCT minidisk. Since this error indicates manual manipulation of the CA VM:Director database, you should check carefully for any other errors on these minidisks.

0253I

ENTER 'QUIT' TO CANCEL THE CURRENT COMMAND

Reason:

You are using an interactive MAINT subfunction that prompts you for information. If MAINT finds an error in one of your responses, it issues an error message and reissues its prompts. This message tells you, before any prompts are reissued, that you can enter QUIT in response to any prompt to cancel the subfunction.

Action:

If you want to cancel the subfunction, enter QUIT in response to any prompt.

0254E

PROFILE *name* IS USED BY *number* USERS AND MAY NOT BE REMOVED

Reason:

You have entered the following command to remove the indicated directory profile from your directory database:

```
VMDIRECT ADMIN PROFILE profname
(ERASE
```

The variable number indicates the number of users who are using this profile. CA VM:Director does not remove a directory profile that is being used by one or more directory entries.

Action:

None, if you want to leave the profile in the database. If you want to remove the profile from the database, use the GENINCL, EDIT, or EDX command as appropriate for each user that relies on the profile. Using one of these commands removes the profile's reference from each user's directory entry.

0256E

UPDATE OF PROFILE *name* FAILED

Reason:

You used the CA VM:Director ADMIN PROFILE command to create or change the specified directory profile. CA VM:Director detected an error in that profile, and sent you a more detailed message explaining the problem. The profile is not created or updated. CA VM:Director prompts you to correct the error.

Action:

If you want to correct the error, enter YES when prompted, then correct the error. If you do not want to correct the error, enter NO. If you respond NO, CA VM:Director does not create or modify the profile.

0257I

UPDATING *number* USER(S) CONTAINING AN INCLUDE RECORD FOR *name*

Reason:

You entered the CA VM:Director ADMIN PROFILE name command. You were placed in XEDIT to create or modify the specified directory profile. You issued the FILE command from XEDIT, and CA VM:Director is now processing your changes.

CA VM:Director has found no errors in the new or modified profile, and is proceeding to reflect the changes to all users that have an INCLUDE record for the specified profile. If *number* is large, this could take some time. CA VM:Director updates the CP object directory for all users who use the specified profile.

Action:

None.

0258I

USER *userid* NOW INCLUDES PROFILE *profname*

Reason:

You have issued the VMDIRECT GENINCL *userid* name command to make the directory entry for *userid* use directory profile *profname*. CA VM:Director has completed your request without error. The GENINCL command terminates successfully.

Action:

None.

0259I

USER *userid* DID NOT INCLUDE (or NO LONGER INCLUDES) A PROFILE

Reason:

You used the CA VM:Director GENINCL command to remove the specified INCLUDE directory profile record from the user ID's directory entry. If the user ID did not previously use any profile, you receive the DID NOT INCLUDE version of this message. If the user ID formerly depended on a directory profile, you receive the NO LONGER INCLUDES version of this message. The GENINCL command terminates successfully.

Action:

None.

0260E

PROFILE *name* IS UNDEFINED

Reason:

A CA VM:Director command or macro tried to find a directory profile or determine which user IDs depend on the indicated directory profile, but CA VM:Director had no internal record of the profile. This could happen if the file does not exist on the DRCT disk or someone manually placed the file name PROFILE on the CA VM:Director DRCT minidisk without using the CA VM:Director ADMIN PROFILE command. The CA VM:Director command or macro receives an error return from its call, and terminates unsuccessfully.

Action:

Determine whether the specified profile actually exists. If the profile was manually placed on the CA VM:Director DRCT minidisk, enter the CA VM:Director ADMIN PROFILE name command, then file the changes from XEDIT so CA VM:Director picks them up.

0261I

number* RECORDS (*number* USERS, *number* PROFILES AND *number* POOLS) ADDED TO FILE *filename filetype filemode

Reason:

You have backed up the CA VM:Director directory database to a disk file, using the VMXBKP01 EXEC. The backup has completed successfully, and this message tells you how many users, directory profiles and directory POOLS were found. VMXBKP01 completes successfully.

Action:

None.

0263W

THE *type* RECORD WAS DELETED, BUT THE PROFILE OVERRIDES WITH: *profile_record*

Reason:

You have issued the MAINT command and made a request that deleted the last record statement from your directory entry. For example, you may have issued the following command:

```
vmdirect maint option ecmode off
```

This command may have removed the last or only OPTION record from your directory entry.

Your directory entry includes a directory profile, and that profile contains one or more record statements. The statements in the directory profile take effect the next time you log on, because they are no longer overridden by any other statements in your directory entry. For example, an OPTION REALTIMER record in your directory profile may now be in effect.

There may be nothing wrong with this situation. The message is merely warning you of what will be in effect the next time you log on. This behavior is necessary for consistency with the CMS DIRECTXA command. The CA VM:Director MAINT command completes successfully.

Action:

If you want the statements from the profile to be in effect, no further action is necessary. To override the statements in the profile, you must create at least one record statement that does not match the statements in the profile.

0264I

processed* BY: *authorization text

Reason:

You have issued the CA VM:Director MAY command or the CA VM:Director LISTAUTH command. CA VM:Director has located an authorization (in the case of LISTAUTH, one or more authorizations) that governs your request, and displayed the text of the authorization. The MAY or LISTAUTH command terminates. LISTAUTH always terminates with return code 0. MAY terminates with return code 0 if it finds an authorization permitting your request; otherwise, MAY terminates with return code 8.

Action:

None.

0265E

NOT AUTHORIZED FOR: ***authorization-words***

Reason:

You have used a CA VM:Director command or parameter for which you were not authorized. You have authorization for some version of the command, but not for the specific parameters you chose. The authorization words normally resemble closely the command and/or parameters you entered. The CA VM:Director command terminates with an error code.

Action:

If you made a mistake in the command or parameters, enter the command again. If you need authorization for the parameters you used, put a GRANT statement in the AUTHORIZ CONFIG file. The GRANT statement allows you to use the command with all its parameters.

0266W

AUTHORIZATION IS UNKNOWN OR HAS INVALID SYNTAX

Reason:

During CA VM:Director initialization or during execution of the CA VM:Director CONFIG AUTHORIZ command, CA VM:Director detected an authorization record (GRANT or WITHHOLD) that did not match the pattern of any known CA VM:Director authorization. This message is followed by message 0393I, which displays the record in error. The authorization record is permitted but ignored. Initialization continues, or the CA VM:Director CONFIG command completes normally.

Action:

If you see an error in the authorization displayed, issue the CA VM:Director CONFIG AUTHORIZ command and correct the error. If you are testing a new authorization, you can disregard the error. If you want to define new authorizations for a macro you have written, you need to put a dollar sign ($) in front of your macro name to suppress this message. For example:

```
GRANT $sitemacro TO userid
```

0267W

***word* IS A *requestor1* WORD, BUT THE SYNTAX REQUIRES A *requestor2* WORD**

Reason:

During CA VM:Director initialization or during execution of the CA VM:Director CONFIG AUTHORIZ command, CA VM:Director detected an authorization record (GRANT or WITHHOLD) that contained a syntax error. This message is followed by message 0393I, which displays the record in error. For example:

```
GRANT MANAGE *GROUP TO CHARLES
```

The syntax of the MANAGE authorization is MANAGE *userid*, but the keyword *GROUP means the recipient's own security group. This authorization is incorrect. The authorization record is not permitted. However, the error does not stop CA VM:Director initialization or prevent completion of the CA VM:Director CONFIG command.

Action:

Determine the intention of the person who created the incorrect authorization record, and use CA VM:Director CONFIG AUTHORIZ to correct the record.

0268W

USER *userid* DOES NOT EXIST

Reason:

During CA VM:Director initialization or updating of a configuration file using the CA VM:Director CONFIG command, CA VM:Director detected a record (GRANT, WITHHOLD, or PRODUCT) that referred to the indicated *userid*, but that user ID does not exist. This message is followed by message 0393I, which displays the record in error. The record is permitted, but ignored. Initialization continues, or the CA VM:Director CONFIG command completes normally.

Action:

If you created the record to prepare for creating the user ID, no action is necessary. If there is an error in the user ID, or if the user ID formerly existed but has been removed, use the CA VM:Director CONFIG command to remove the user ID from the configuration record or simply remove the entire record.

0270W

***entrytype entryname* DOES NOT EXIST**

Reason:

You have issued a CA VM:Director command that refers to a directory profile, skeleton, or pool, but there is no directory profile, skeleton, or pool with the specified entry name. The command terminates with an error.

Action:

If you have specified the wrong name, enter the command again specifying the correct name.

0272E

CANNOT UPDATE USER *userid* WITH (or WITHOUT) INCLUDE *name*

Reason:

You have issued the CA VM:Director GENINCL command to add, replace, or delete an INCLUDE statement from the directory entry of the indicated *userid*. The command you issued would have created an invalid directory entry for the user ID.

For example, suppose you removed the INCLUDE statement from the user ID's directory entry. If the user ID had no virtual devices except the ones defined in its directory profile, CP could not accept the directory entry if the profile were removed. The directory entry is not changed.

Action:

Reconsider your approach to this user ID. You may want to issue the following command to see the effective directory entry for user ID with its current profile:

```
VMDIRECT EDX userid
```

You can then decide whether the directory entry should use any profile at all, and if so which one.

0273E

UNABLE TO ACTIVATE MORE USERS; DISK ERROR WHILE WRITING TO BKUP (or DRCT) DISK(S)

Reason:

You have entered the MAINT MANAGE *userid* ACTIVATE or MULTIPLE ACTIVATE command. CA VM:Director is unable to complete your request because of errors writing to the DRCT minidisk or the BKUP minidisk. The command terminates with an error.

Action:

The CA VM:Director system console probably shows CMS error messages that provide details on the problem. A disk-full condition is a likely explanation.

0277E

FIRST RECORD *word1 word2* CONFLICTS WITH FILEID *filename filetype*

Reason:

You have issued a command that allows you to alter either a directory entry or a directory profile using XEDIT. You made some changes and issued FILE from XEDIT. CA VM:Director has determined that the first statement of the file you created is inconsistent with the nature of the file.

The first statement in a user entry must begin with the words USER *userid*, where *userid* is the original user ID entered with the command. For a directory profile, the first statement must begin with the words PROFILE *name*, where *name* is the original name entered with the command. The variables *word1* and *word2* in the message show what is actually in the first statement of the file you created. These words must follow the appropriate syntax for the command that you issued. The command terminates with an error code.

Another possible cause is that you have issued a command that uses a skeleton that contains invalid statements.

Action:

Enter the command again without changing the required portions of the first statement, or modify the skeleton to be valid.

0280E

REQUIRED *recordtype* DIRECTORY RECORD IS MISSING

Reason:

After editing or changing a directory entry, the indicated record type was required and not found. The update of the directory entry fails and execution continues.

Action:

Edit the directory entry and include the missing record.

0281E

THE USER, IDENTITY, OR SUBCONFIG RECORD MUST REMAIN THE FIRST RECORD IN THE FILE

Reason:

After editing a directory entry, the first record was found to be something other than a USER, IDENTITY, or SUBCONFIG record. The entry is not brought online.

Action:

You are prompted to either correct the record or abandon the intended directory update.

0283I

OPTION CONCEAL CONFLICTS WITH MULTI-CPU ENVIRONMENT. OPTION RESET AND IGNORED FOR USER '*userid*'

Reason:

The CONCEAL parameter was found on an OPTION directory record in a directory entry which also contains more than one CPU record. This is not allowed, because the CONCEAL parameter is designed for use only in a uni-processor system.

Action:

The CONCEAL option is reset and not included in the directory entry for the indicated user ID. Processing continues and if no other error is found, the online directory is updated.

0284E

THE USERID ON THE USER RECORD CANNOT BE CHANGED BY EDIT OR EDX

Reason:

You attempted to change the *userid* field on the USER record while editing the source directory with either the EDIT or EDX command. This may have been an attempt to create a new user ID.

Action:

The EDIT and EDX commands both accept two *userid* parameters on the command line. The second *userid* parameter is optional and is used to specify a prototype for CA VM:Director to use in creating the new user ID.

0285E

THE USERID ON THE USER RECORD CANNOT BE CHANGED BY ADMIN POOL

Reason:

You attempted to change or add the pool ID on the USER record while editing the source directory with the ADMIN command.

Action:

The CA VM:Director ADMIN POOL command accepts two pool IDs on the command line. If you were trying to create a new pool ID, specify the second pool ID as a prototype for CA VM:Director to use in creating the new pool ID.

0286E

AN ERROR OCCURRED WHILE ATTEMPTING TO READ THE PASSWORD RC=*returncode*

Reason:

You entered a CA VM:Director command that requires a password. CA VM:Director could not read the password that you entered.

The possible return code values are:

4 The password is too long.

12 An I/O error occurred while attempting to read the password. This error message can occur when a disconnected user ID tries to link a minidisk for which there is a link rule with the LOGPASS option.

Action:

Check your terminal to determine if it is working properly. Then, enter the command again.

0287I

YOU CANNOT REMOVE THE INCLUDE STATEMENT FOR PROFILE *profile*

Reason:

You do not have the authorization to remove the INCLUDE statement for the indicated profile from the target user ID's source directory.

Action:

Use the LISTAUTH command to determine which GRANT and WITHHOLD records in the AUTHORIZ CONFIG file may apply.

0288E

CA VM:Director HAS ALREADY BEEN INITIALIZED

Reason:

A macro issued the DIRECT INIT primitive at a time other than initialization. The primitive initializes the CP online directory for CA VM:Director at initialization. You cannot use it at any other time.

Action:

Do not enter DIRECT INIT from user-written macros.

0289E

THE LOGONBY REQUEST FAILED BECAUSE THE LOGON PASSWORD WAS EXPIRED (or RESET)

Reason:

The password supplied by the LOGONBY command was expired or reset.

Action:

You must change the password for the LOGONBY user ID before you can use the LOGONBY command.

0290E

THE LOGON PASSWORD FOR *userid* MUST BE CHANGED. PLEASE LOGON TO THE USERID AND CHANGE THE PASSWORD.

Reason:

The password supplied by the LOGONBY *userid* was expired or reset. This message is preceded by message 0289E.

Action:

You must change the password for the LOGONBY *userid* before you can use the LOGONBY command.

0291E

THE VMDIRECT MANAGERS FILE HAS REFERENCES TO *skeletonname* SKELETON. IT CANNOT BE DELETED

Reason:

You tried to enter the ADMIN SKELETON *skeletonname* (ERASE command, but the indicated skeleton name still appears on one or more SKELETON records in the VMDIRECT MANAGERS file.

Action:

Make sure that you want to delete the skeleton name. Then enter the ADMIN MANAGERS command to delete all references to the indicated skeleton name in the VMDIRECT MANAGERS file. Enter your original command again.

0292E

EDIT OF *filename* FAILED WITH RC = *returncode*

Reason:

An unexpected error occurred while CA VM:Director attempted to process a file that you were editing.

Action:

Check for common error situations, including a file which does not exist, or a minidisk being full.

If the file exists and your disk is not full, contact Technical Support.

0293I

USERID *userid* PASSWORD IS NOT SET TO EXPIRE

Reason:

This message is a successful response to the GETPWEXP command. The password for the indicated *userid* has no expiration date.

Action:

None.

0294I

THE DIRECTORY CONTAINS number1 TOTAL PAGES. number2 PAGES ARE AVAILABLE FOR USE

Reason:

This message tells you the total number of pages and the number of free pages in the active extent. CA VM:Director issues this message during normal startup and directory rebuilds.

Action:

None.

0295E

USERID *userid* MUST BE DEFINED BEFORE IT CAN BE ADDED TO THE MANAGERS FILE

Reason:

CA VM:Director found a MANAGER record in the VMDIRECT MANAGERS file that specified a user ID you have not defined to CA VM:Director. CA VM:Director will not complete initialization successfully. The CA VM:Director ADMIN MANAGERS command will fail.

Action:

Create the user ID that you want to define as a manager before adding the user ID to the VMDIRECT MANAGERS file.

0296E

MANAGER *manager* DOES NOT HAVE A CORRESPONDING SKELETON RECORD IN THE MANAGERS FILE

Reason:

CA VM:Director found a MANAGER record in the VMDIRECT MANAGERS file that does not have a corresponding SKELETON record. CA VM:Director either terminates initialization or does not update the MANAGERS file.

Action:

You should put a SKELETON record in the VMDIRECT MANAGERS file to specify the names of skeletons that the manager can use.

0300S

***status*-message**

Reason:

An unknown error occurred while updating the directory to define a new minidisk. The status message may indicate the cause of the error or simply display the return code. This condition is not normal and indicates a system logic error. Execution of the command continues if possible.

Action:

Call Technical Support.

0301I

***system* DIRECTORY BACKUP (or EXTRACT) COMPLETE**

Reason:

The CA VM:Director virtual machine completed a backup or extract of the directory database. Normal execution continues.

Action:

None.

0302W

THE *parameter* PARAMETER OF THE *record* CONFIG FILE RECORD IS BEING DESUPPORTED

Reason:

CA VM:Director encountered the indicated parameter on the displayed configuration file record during initialization or while updating the corresponding configuration file. The feature represented by this parameter will not be supported in subsequent releases of CA VM:Director. Either this feature has been superseded by another feature or is no longer necessary.

Action:

CA VM:Director operation may be affected when you upgrade to the next release of CA VM:Director and the indicated parameter is no longer supported. To avoid potential problems, either implement the feature represented by *parameter* using the most current method or delete *parameter* if the feature is no longer needed.

0303E

ACCOUNT NUMBER MUST BE CHANGED USING CA VM:ACCOUNT

Reason:

With CA VM:Account not installed, CA VM:Director attempted to change a user ID's account number with DIAG X'84'. This resulted in an error. Either the issuing macro contains a logic error, or the CA VM:Director user ID is unable to issue DIAG X'84' on your system. The account number change is not made.

Action:

Contact Technical Support for assistance.

0304E

ADDRESS *vaddr* IS AN INVALID DEVICE ADDRESS

Reason:

The indicated device address is not a valid device address. The command terminates with an error condition.

Action:

Enter the command again, specifying a valid device address.

0305I

AUTHORIZED TO USE SKELETONS: *skeletons*

Reason:

This is the normal response to the QUERY SKELETON command and displays skeleton files that the directory manager is allowed to use.

Action:

None.

0306E

BACKUP (or EXTRACT) OF DIRECTORY FAILED, CODE: *code*

Reason:

An I/O error or other system problem prevented the backup or extract procedure from completing normally. The indicated code is generated by the BACKUP primitive or CMS command used to copy the DRCT minidisk contents. The procedure terminates with return code 100.

Action:

Notify Technical Support.

0307E

CANNOT PERFORM COMMAND FOR ONESELF

Reason:

An attempt was made to display the current links to a minidisk owned by one's own user ID. The command terminates with return code 80.

Action:

Use the CP QUERY LINKS command instead.

0308I

ENTRY *entryname* CHANGED TO *newvalue*

Reason:

When issued in response to the CHANGE command, the old directory entry name has been changed to the new value. When issued in response to the CHGENTRY command, the directory entry has been changed to the specified entry type, either USER or IDENTITY.

Action:

None.

0309E

DEVICE *vaddr* IS A *disktype*

Reason:

An attempt was made to operate on the indicated minidisk, which is a temporary or virtual disk (T-disk or V-disk) and, therefore, cannot be linked. The command terminates with return code 24.

Action:

None.

0310E

DEVICE *vaddr* IS AN IGNORED MINIDISK

Reason:

An attempt was made to manipulate the ignored minidisk. Ignored minidisks cannot be moved or scratched, since they are typically full-pack minidisks or pseudo-minidisks that actually cover CP areas. The command terminates with an error.

Action:

Use the CA VM:Director EDIT command to manipulate the directory entry that defines the ignored minidisk.

0311E

DEVICE *vaddr* IS NOT A MINIDISK

Reason:

The indicated device address does not define a minidisk that can be reblocked or transferred to another user ID. The command terminates with an error.

Action:

None.

0312E

DEVICE *vaddr* ALREADY EXISTS

Reason:

A new link cannot be created with the indicated device address because that address is already defined in the user ID's directory entry. The command terminates with an error.

Action:

Specify an unused device address.

0313E

DEVICE *vaddr* DOES NOT EXIST

Reason:

A reference was made to the indicated device address, which is not defined in the user ID's directory entry. The command terminates with an error.

Action:

None.

0314E

DEVICE *vaddr* IS NOT A LINKABLE MINIDISK

Reason:

The indicated device address is not a minidisk that can be linked or assigned passwords, or whose links can be reviewed. A user can alter minidisk characteristics only for owned minidisks. For example, the device address may be defined as a link to some other user ID's minidisk. The command terminates with an error.

Action:

None.

0315I

DEVICE ADDRESS CHANGED TO *newvaddr*

Reason:

The requested minidisk device address has been changed to *newvaddr* by the TRANSFER command. The command terminates normally.

Action:

None.

0316I

DIRECTORY NOT CHANGED

Reason:

The command is completing normally, without making any changes to the user's directory entry.

Action:

None.

0317I

DIRECTORY UPDATED ONLINE

Reason:

The command is completing normally, after changing the directory entry for the user ID. Reviewing and removing links made by other user IDs causes their directory entry files to be updated. This message is displayed only when the requesting user ID's directory entry is updated.

Action:

None.

0318R

ENTER NEW LINK MODE VALUE:

Reason:

This is a normal prompt from the MAINT MINIDISK function asking for the new link mode to be assigned to the minidisk. The command waits for the user to enter a link mode.

Action:

Enter a new link mode, =, if no change is to be made, or a null line to terminate prompting.

0319R

ENTER THE *passwordtype* LINK PASSWORD:

Reason:

The system is prompting you to enter a new link password of the indicated type in response to the MAINT MINIDISK function or MAINT LINK function. The command waits for you to enter the link password.

Action:

Enter the requested password.

0320R

ENTER SECOND PARAMETER FOR *keyword*:

Reason:

The system is prompting you to enter the indicated keyword. The command waits for you to enter the requested keyword.

Action:

Enter the requested keyword value.

0321R

ENTER YOUR LOGON PASSWORD:

Reason:

The system is prompting you to enter your logon password to ensure that the correct user is attempting a CA VM:Director command from this user ID. Also, if the Rules Facility is installed at your site, certain CP commands may prompt for your logon password if the LOGPASS option is used with a rule. The command waits for you to enter your logon password. It then validates the password against the current logon password in your directory entry file.

Action:

Enter your current logon password.

0322E

MINIDISK *vaddr* CANNOT BE MOVED. THE CMS SAVEFD COMMAND WAS USED ON IT

Reason:

The indicated minidisk was mapped into a DCSS by use of the CMS SAVEFD command. CA VM:Director cannot move it.

Action:

Make sure that you want to move the minidisk. If you do, unmap the minidisk from the DCSS by entering the following CMS command:

```
SAVEFD NOSAVE vaddr disklabel
```

Then repeat the original move request. Enter the following command to save the minidisk directory in DCSS:

```
SAVEFD INIT vaddr disklabel dcssname
```

0323E

ERROR *code* EXECUTING MACRO *name*

Reason:

An unexpected error code was received from the indicated macro, which may indicate a macro coding error. The command terminates with an error or the process abnormally terminates.

Action:

Notify Technical Support.

0324E

ERROR *code* FROM NEWUSER EXIT

Reason:

While changing a user ID, the NEWUSER exit returned the indicated error code, signifying that the new user ID or account number is unacceptable to the exit routine. The command terminates with an error or the process abnormally terminates.

Action:

Check your NEWUSER exit to see if the logic is correct.

0325E

ERROR *code* INVOKING XEDIT *filename filetype filemode*

Reason:

An unexpected error occurred while CA VM:Director was invoking XEDIT to edit the indicated file, which has been copied to the requesting user ID's A-disk. The command terminates with an error.

Action:

Determine the cause of the error code. The problem may have been caused by the requesting user ID's PROFILE XEDIT.

0326W

EXTRA STACKED LINE: ***data***

Reason:

A submacro invoked by the MANAGE command left more than one line of data in the program stack. The extra line, data, is displayed. This is not a normal condition. The MANAGE command continues after displaying the data.

Action:

Spool your console and trace the macro by entering the CA VM:Director TRACE MACRO * command. Contact Technical Support when you have the console trace and the service machine console log file.

0327E

INVALID NUMBER OF LINES IN USER STACK: ***numberlines***

Reason:

A CA VM:Director command expected to find a certain number of lines in the user's stack. The number of lines in the user's stack did not match the number expected.

Action:

Spool your console and trace the macro by entering the CA VM:Director TRACE MACRO * command. Contact Technical Support when you have the console trace and the service machine console log file.

0328E

INVALID USERID ***userid***

Reason:

You specified an invalid *userid* on the command line. With CA VM:Director, user IDs must be valid CMS file names and cannot be the restricted name SYSTEM. CA VM:Director also issues this message when you issue the CA VM:Director GRANT AUTHORITY or REVOKE AUTHORITY command using a nickname and the list of user IDs that make up the nickname cannot be entirely resolved to valid user IDs. The command terminates with an error code.

Action:

Enter the command again with a valid user ID.

0329E

IPL STATEMENT DOES NOT EXIST

Reason:

An attempt was made to remove the IPL statement from the target user ID's directory entry but no IPL statement was found. The command terminates with return code 28.

Action:

None.

0330E

LINK MODE *mode* IS INVALID

Reason:

You tried to change a minidisk's link mode to an invalid value. You are prompted for a valid link mode value.

Action:

Enter a valid link mode value.

0331E

LINK PASSWORD IS INCORRECT

Reason:

You tried to establish a directory link to another user ID's minidisk but the link password you specified was incorrect. The command terminates with an error. The system also accumulates invalid password specifications and may eventually disallow subsequent attempts to link to that user ID.

Action:

Enter the correct link password.

0332I

MINIDISK *minidisk* IS A CMS RESERVED DISK, YOU CAN ONLY CHANGE THE LOCATION

Reason:

The minidisk has been initialized with the CMS RESERVE command. CA VM:Director cannot change the size of the minidisk.

Action:

You can change the location. If you want to increase the size of the new minidisk, you must allocate a new minidisk.

0333I

DIRECTORY MANAGER *userid* CURRENTLY HAS *number* K ALLOCATED

Reason:

This is the normal response to the QUERY ALLOC command and indicates that the directory manager has a specified number of bytes of minidisk space allocated to all his users.

Action:

None.

0334E

MINIDISK *vaddr* DOES NOT EXIST

Reason:

An attempt was made to manipulate a minidisk but the minidisk does not exist. The command terminates with an error.

Action:

None.

0335I

MINIDISK *vaddr* HAS PASSWORDS: *pr pw pm*

Reason:

This is the normal response to the MDPW function of the MAINT command and indicates the READ, WRITE, and MULT link passwords *pr pw pm* currently assigned to the indicated minidisk. If password suppression is in effect at your site or the Password Encryption Facility is installed, *pr pw pm* will be masked by asterisks.

Action:

None.

0336I

MINIDISK *oldvaddr* TRANSFERRED TO USER *userid* AS *newvaddr*

Reason:

The ownership of minidisk *oldvaddr* was given to the indicated *userid*; its new address is *newvaddr*. The command completes normally.

Action:

None.

0337E

NEW PASSWORD IS INVALID

Reason:

An attempt was made to create an invalid password. All passwords must conform to these rules:

- One to eight characters (If password phrase support is enabled, then passwords of up to 200 characters are valid.)
- No left or right parentheses
- Cannot use NOLOG or BY as passwords (If password phrase support is enabled, then there are no character set restrictions on password content.)

If you are using the Password Encryption facility, there are two additional restrictions:

- A logon password cannot encrypt to NOLOG, NOPASS, AUTOONLY, or LBYONLY.
- A link password cannot encrypt to ALL.

The command terminates with an error.

Action:

Enter a valid password.

0338E

CANNOT CHGMDISK A CMS MINIDISK THAT HAS BEEN RESERVED (or SAVEFD)

Reason:

The indicated minidisk has been initialized with the CMS RESERVE or the SAVEFD command. The CA VM:Director CHGMDISK command cannot change the minidisk.

Action:

You can change the location of a RESERVED minidisk by using selection 6 on the CA VM:Director Manager Selection Menu. If CA VM:Director has processed a minidisk with the SAVEFD command, you can change that minidisk after it has been removed from the DCSS. Use the following command to do this:

```
SAVEFD NOSAVE vaddr disklabel
```

0339W

MINIDISK *vaddr* HAS BEEN PROCESSED BY THE CMS *command* COMMAND

Reason:

The minidisk has been processed by either the CMS RESERVE or SAVEFD command. The special condition of the minidisk requires special processing by CA VM:Director.

Action:

If you were deleting the minidisk, processing continues and CA VM:Director deletes the minidisk. If you were moving the minidisk and the message indicates that the RESERVE command had been used, CA VM:Director continues to move the minidisk using DASD Dump Restore (DDR) to preserve the minidisk's original format. If the minidisk you are moving was placed in a DCSS by the SAVEFD command, the move fails. If you want to move the minidisk, enter the following command:

```
SAVEFD NOSAVE vaddr disklabel
```

Enter the CA VM:Director command again to move the minidisk.

0340E

NEWUSER EXIT INDICATES USER *userid1* IS NOT DIRECTORY MANAGER FOR USER *userid2* WITH ACCOUNT *accountnumber*

Reason:

The NEWUSER user exit routine specifies that *userid2* with the indicated account number should be managed by a directory manager other than *userid1*. The command terminates with an error.

Action:

Select a different user ID or account number conforming to site standards, or modify the NEWUSER exit.

0341E

NEWUSER EXIT REJECTED USER *userid* AND ACCOUNT *accountnumber*

Reason:

The NEWUSER user exit routine indicates that either the user ID or account number is invalid according to site standards. The command terminates with an error.

Action:

Select a different user ID or account number conforming to site standards, or modify the NEWUSER exit.

0342E

NO ACTIVE USERS FOUND

Reason:

There were no directory entries found associated with the directory manager user ID. The command terminates with return code 28.

Action:

None.

0343E

NO AUTHORIZED SKELETON FILES FOUND

Reason:

There are no skeleton files associated with the specified directory manager user ID. The command terminates with return code 28.

Action:

None.

0344E

THERE ARE NO USERS ON HOLD MATCHING THE SELECTION CRITERIA

Reason:

There were no inactive users associated with the specified directory entry and manager user ID. The command terminates with return code 28.

Action:

None.

0345E

NO LINKS FOUND TO MINIDISK *vaddr*

Reason:

There were no directory links found to the indicated minidisk to be reviewed. The command terminates.

Action:

None.

0347E

NO USERS *usermask* FOUND FOR MANAGER *managerid*

Reason:

You entered one of the following commands:

`VMDIRECT MDSKSCAN usermask`

or

`VMDIRECT MDSKSCAN usermask (MANAGER managerid`

If you do not specify *managerid*, CA VM:Director assumes that you want information only for user IDs you manage. In either case, the MDSKSCAN command did not find any user IDs that met the criteria you specified. The command terminates with return code 24.

Action:

None.

0348E

DEVICE *vaddr* IS NOT A LINK

Reason:

An attempt was made to remove a directory link to another user ID's minidisk but the indicated device address is not for a linked minidisk. The command terminates with return code 24.

Action:

None.

0349E

PASSWORD IS INCORRECT

Reason:

The logon password is requested so CA VM:Director can validate your request to manipulate the directory entry. Also, if the Rules Facility is installed at your site, certain CP commands may prompt for your logon password if the LOGPASS option is used with a rule. The password you entered was not correct. The command terminates with an error. The count of invalid passwords is incremented. You may eventually be prevented from issuing further commands that require passwords.

Action:

None.

0350E

PROTOTYPE *type prototype-file* DOES NOT EXIST

Reason:

An attempt was made to edit a new directory entry file based on the contents of an existing directory entry for user prototype-file, but one could not be found for that user. Alternatively, an attempt was made to create a new skeleton file or directory profile based on the contents of skeleton file or profile prototype-file, but that file could not be found. The command terminates with return code 28.

Action:

Enter the command again with an existing prototype file name.

0351I

REPLY 'YES' OR 'NO' TO THE FOLLOWING PROMPTS

Reason:

A request was made to review directory links. This message is an instructional message; a YES or NO reply is expected. This message is followed by 0353I.

Action:

If you want to remove the link, reply YES. If you simply want to review the link, reply NO.

0352E

STORAGE REQUESTED IS GREATER THAN MAXIMUM OF *number*

Reason:

You tried to change the logon storage size to a value that exceeds the largest size you can define. The command terminates with an error.

Action:

Review your directory entry and see what the maximum storage size is for your virtual machine.

0353I

TERMINATE PROMPTING BY REPLYING 'END'

Reason:

This message follows 351I and indicates that the prompts associated with the minidisk review can be terminated by replying END. The system begins prompting.

Action:

Reply YES, NO, or END as necessary.

0355E

ENTRY *entry* ALREADY HAS A *vaddr* DEVICE

Reason:

CA VM:Director attempted to transfer a minidisk to the indicated directory entry, but it already has the listed device. The command terminates with return code 24.

Action:

Select a different device address.

0356E

***filetype filename* DOES NOT EXIST**

Reason:

CA VM:Director attempted to manipulate the directory entry file for *filename* but that user ID does not exist. Alternatively, an attempt was made to edit the SKELETON *filename*, but it does not exist. The command terminates with return code 28.

Action:

Verify that the user ID is not misspelled or on hold. Verify that the skeleton name is not misspelled.

0357E

USER *userid* IS CURRENTLY LOGGED ON

Reason:

CA VM:Director attempted to remove or place *userid* on HOLD, but the user ID was logged on. The command terminates with return code 28.

Action:

Ask the user ID to log off, or wait until the user ID logs off.

0358E

***filetype filename* ALREADY EXISTS (ON HOLD)**

Reason:

CA VM:Director attempted to create a new user ID or change the name of an existing user ID to *filename*, which already exists either on the DRCT disk or on HOLD, if shown. Alternatively, an attempt was made to create a skeleton file or directory profile that already exists. The command terminates with an error code.

Action:

None.

0359I

ENTRY *entry* ASSIGNED TO DIRECTORY MANAGER *managerid*

Reason:

This message indicates that the directory entry is currently assigned to directory manager *managerid*. The command completes normally.

Action:

None.

0360E

USER *userid* DEVICE *vaddr* NOT FOUND

Reason:

While reviewing links to user IDs, an attempt was made to remove a link, but it was determined that the link to the virtual address of *userid* did not actually exist. This can happen if the user ID deletes the link while the reviewer is considering the reply to the prompt. The link is ignored and the link review continues.

Action:

None.

0361E

USER *userid* DOES NOT HAVE A *vaddr* MINIDISK

Reason:

An attempt was made to display the current active links to *userid vaddr*, which does not exist. The command terminates with return code 28.

Action:

None.

0362E

USER *userid* MUST BE MANAGED BY DIRECTORY ADMINISTRATOR

Reason:

The indicated directory manager tried to manage his own *userid*, which is not allowed. The command terminates with return code 100.

Action:

Use another manager's user ID to perform directory maintenance functions on your user ID.

0363E

USER *userid* REJECTED BY INSTALLATION EXIT ROUTINE

Reason:

The NEWUSER user exit routine indicated that the new *userid* was invalid according to your site's standards. The new user ID is not created, and the command terminates with an error.

Action:

Check your NEWUSER user exit routine and correct it if necessary.

0364E

FILE *filename filetype filemode* IS BEING UPDATED

Reason:

A directory manager attempted to manipulate a user ID's directory entry while that user was being changed by another user or while the directory minidisk (DRCT) was locked. The command terminates with an error.

Action:

Enter the command again later, after the update by the user ID has finished or CA VM:Director has released the lock to the directory minidisk (DRCT).

0365I

USER NOT DEFINED

Reason:

A directory manager terminated a command that was starting to create a new user ID or remove a user ID from HOLD status. The new user is not created or the user ID is not removed from HOLD status.

Action:

None.

0366E

USERID NOT SPECIFIED

Reason:

The user ID required by the invoked command was not specified. The command terminates with return code 24.

Action:

Specify a user ID when you enter the command again.

0367I

WHICH IS *percent* OF THIS MANAGER'S *number* K LIMIT

Reason:

This message is part of the normal response to the QUERY ALLOC command and indicates that the directory manager has used a displayed percentage of the maximum DASD allocation.

Action:

None.

0368I

YOU HAVE USED *percent* OF YOUR ALLOCATION LIMIT

Reason:

This message is issued when the MANAGE command or MAINT MANAGE function is issued if the directory manager has allocated 90% or more of his allocation limit. It specifies that he has used a percentage of the allocation limit. Command execution continues.

Action:

None.

0370I

THE *type* CONFIGURATION FILE HAS BEEN UPDATED

Reason:

This message indicates that one of the configuration files or the VMDIRECT MANAGERS file has been successfully updated by the ADMIN command. The command completes normally.

Action:

None.

0371I

YOUR LOGON PASSWORD HAS EXPIRED. IT WAS *number* DAYS OLD

Reason:

You receive this message at logon time if your logon password has expired. The system prompts you for a new logon password with message 0372R.

Action:

Enter a new logon password.

0372R

SELECT AND ENTER A NEW PASSWORD FOR YOUR USERID:

Reason:

You are being prompted to enter a new logon password because your old password has expired. CMS initialization, if any, waits until the new password has been entered.

Action:

Enter a new logon password.

0373R

PLEASE ENTER THE SAME NEW PASSWORD ONCE AGAIN

Reason:

CA VM:Director is prompting you to enter your new logon password again to be sure that you did not make a mistake entering the new password. CMS initialization, if any, waits until CA VM:Director verifies the new password.

Action:

Enter the password you entered in response to 0372R.

0374E

PASSWORD IS INVALID

Reason:

The password you entered is invalid because it is NOLOG, BY, NOPASS, AUTOONLY, or LBYONLY; exceeds eight characters; contains parentheses; or is null. Also, your site may have instituted its own conventions for passwords in the PASSWORD user exit. CA VM:Director will prompt you again for a valid password.

Action:

Enter a valid password in response to the prompt.

0375E

REENTERED PASSWORD IS NOT CORRECT

Reason:

The password you entered in response to 0373R is not the same as the password you originally entered in response to 0372R. CA VM:Director will prompt you again.

Action:

Enter the correct password in response to the prompt.

0376E

DISK *filemode* NOT ACCESSED R/W

Reason:

You requested that a file be written to a minidisk at the indicated *filemode*. However, no minidisk is accessed read/write at that *filemode*. The command terminates with return code 40.

Action:

Access the minidisk read/write and enter the command again.

0377I

WELCOME TO YOUR NEW USERID

Reason:

When new user IDs are created, they appear to have expired passwords. You will be prompted to change your password. The system prompts new users for a logon password.

Action:

Enter a logon password in response to the prompt.

0378E

NOT CONFIGURED FOR PASSWORD EXPIRATIONS

Reason:

An attempt was made to expire a user ID's logon password, but the request could not be processed because CA VM:Director was not configured for expiring passwords. The command terminates with an error.

Action:

See the *Administration Guide* on how to set password expiration for your site.

0380E

A READ/WRITE A-DISK IS REQUIRED

Reason:

The execution of the command transmits a file to your user ID and therefore requires a read/write A-disk. The command terminates with an error code.

Action:

Access an A-disk read/write and enter the command again.

0381I

SKELETON *filename* NOT UPDATED

Reason:

An attempt to modify the indicated skeleton file was terminated when you quit from XEDIT without filing the skeleton file. The command terminates normally.

Action:

None.

0382E

USER *userid* IS ON HOLD

Reason:

An attempt was made to manipulate the directory entry of the indicated *userid* that was on hold. CA VM:Director also issues this message when the CA VM:Director GRANT AUTHORITY or REVOKE AUTHORITY command is issued for a nickname and the list of user IDs that make up the nickname cannot be resolved on the local system. The command terminates with an error code.

Action:

If you wish to manipulate the user ID , reactivate the user ID using the MAINT MANAGE or MANAGE command. For nickname user ID problems, ensure that the user IDs in the nickname are valid. Run the command again.

0383I

FROM EXIT: *status-message*

Reason:

A user exit routine responded with the status message. The change request may be canceled, depending on the return code from the user exit routine.

Action:

None.

0386I

ENTRY *entry* LINK *vaddr* WAS REMOVED

Reason:

The link was removed from the entry because the minidisk is being scratched. Execution continues.

Action:

None.

0387I

ENTRY *entryname* LINK *vaddr* WAS UPDATED

Reason:

The LINK statement within the specified directory entry was updated because the minidisk to which it linked was transferred to another user, or the owning directory entry was changed. Execution continues.

Action:

None.

0388I

USER *userid* IS NOW EXPIRED

Reason:

This message indicates successful completion of the EXPIRE command. The command completes normally.

Action:

None.

0389E

USER *userid* CANNOT LINK TO ITSELF

Reason:

An attempt was made to establish a directory link to one's own minidisk. The system disallows such links.

Action:

None.

0390E

OPTION *option* CONFLICTS WITH *function*

Reason:

An attempt was made to use the listed option with a command function that cannot support that option. The command terminates with return code 24.

Action:

None.

0391I

THE RECLAIM WAS NOT PERFORMED BECAUSE THE SERVANT FACILITY IS NOT ACTIVE

Reason:

The servant facility is set to OFF. Servant support must be set to ON for CA VM:Director to execute the RECLAIM command at initialization.

Action:

Either set the servant facility to ON or enter the CA VM:Director RECLAIM command from an authorized user ID.

0392I

PASSWORD CHANGES FOR *userid* COMPLETE

Reason:

The PASSWORD command has completed changing passwords for user *userid*. The command completes normally.

Action:

None.

0393I

status-message

Reason:

A submacro was invoked that normally returns a message to be displayed in the status field when you are using a full-screen command. Line-mode commands display *status-message* before issuing a prompt to the user. The message is displayed followed by a prompt for the new function.

Action:

None.

0394I

AT LOCATION *location*, SIZE *size*, LABELED *label*

Reason:

A MAINT MANAGE function is displaying location, size, and label information about a minidisk that is about to be moved, changed, or scratched. Other informational messages are displayed and the user is prompted again to verify the action.

Action:

None.

0397I

DEFAULT DEVICE TYPE IS *devicetype*

Reason:

The system is about to prompt for an alternate device type to use in allocating or moving a user's minidisk. The default device type, *devicetype*, is displayed and will be used if a null reply is received. The system prompts for the desired device type if a null reply was not received.

Action:

None.

0398I

DEFAULT SKELETON NAME IS *skeletonname*

Reason:

The system is about to prompt for an alternate skeleton name to use in creating a new user ID. The default skeleton name, *skeletonname*, is displayed and will be used if a null reply is received. The system prompts for the desired skeleton name.

Action:

None.

0399I

DEFAULT SUBPOOL NAME IS *subpool*

Reason:

The system is about to prompt for an alternate subpool name *subpool* to use when allocating or moving a user's minidisk. The default subpool name is displayed and will be used if a null reply is received. The system prompts for the desired subpool name.

Action:

None.

0400I

DO YOU WISH TO REMOVE THIS USER?

Reason:

CA VM:Director is asking if you want to permanently remove the user ID from the directory and, in the process, destroy all files on the user ID's minidisks. CA VM:Director prompts for a YES or NO answer.

Action:

Enter YES or NO to the prompt.

0402I

DO YOU WISH TO DELETE THE MINIDISK?

Reason:

CA VM:Director is asking you if you wish to permanently remove the minidisk from the user ID's virtual machine and scratch the space it occupied. The system prompts for a YES or NO answer.

Action:

Enter YES or NO to the prompt.

0403R

PRESS ENTER TO CONTINUE ANYWAY OR PRESS PF3 TO QUIT

Reason:

You are trying to move a minidisk to a new location. CA VM:Director checks to ensure that all of the files will fit in the new location. However, you specified that CA VM:Director change the block size of the minidisk. Therefore, this check cannot be performed if the block size has changed.

Action:

If you are sure that the move will be successful, continue to move the minidisk. If you are not sure, you can quit out of the function and reevaluate the function parameters.

0404R

ENTER 'YES' OR 'NO':

Reason:

The system is prompting for a reply to the preceding message. The command waits for you to enter your reply.

Action:

Reply YES or NO to the prompt.

0405R

ENTER (ALTERNATE) DEVICE TYPE:

Reason:

The system is prompting you to enter the device type to be used when allocating new disk space. If there is a default device type, the message is preceded by message 0397I, which indicates the default. In this case, a reply to the message is optional and the word ALTERNATE appears in the message text. Otherwise, the desired device type must be specified. The command waits for you to enter your reply.

Action:

Reply with the alternate device type or a null line if the displayed default is acceptable.

0406R

ENTER ALTERNATE SUBPOOL NAME:

Reason:

The system is prompting you to enter an alternate subpool name to be used instead of that displayed by message 0399I. The command waits for you to enter your reply.

Action:

Reply with the alternate subpool name or a null line if the displayed default is acceptable.

0407R

ENTER DISK LABEL:

Reason:

The system is prompting you to enter a label for the newly allocated minidisk. The command waits for you to enter your reply.

Action:

Reply with a one- to six-character minidisk label if you wish to format the minidisk.

0408R

ENTER MANAGE SUBFUNCTION:

Reason:

The system is prompting you to enter the next subfunction to be executed in the MAINT MANAGE environment. The command waits for you to enter your reply.

Action:

Reply with a MAINT MANAGE subfunction or specify a **?** to display a list of valid functions.

0409R

ENTER NEW MINIDISK SIZE:

Reason:

The system is prompting you to enter the desired size of the minidisk being allocated or moved. The command waits for you to enter your reply.

Action:

Specify the desired size in units of cylinders, 512-byte FBA blocks, Ks (1024 bytes), or Ms (1024K bytes), as appropriate.

0410R

ENTER OPTIONAL ACCOUNT NUMBER:

Reason:

The system is prompting you to enter an optional account number to be assigned to the new user ID being created. The command waits for you to enter your reply.

Action:

Specify the desired account number if any. If you give a null reply, the account number specified in the skeleton is used. If the skeleton does not have an account number specified on the ACCOUNT statement, the account number defaults to the user ID.

0411R

ENTER BLKSIZE:

Reason:

The system is prompting you to enter the block size to be used when formatting the new CMS minidisk. The command waits for you to enter your reply.

Action:

Reply with the desired valid CMS block size of 512, 1K, 1024, 2K, 2048, 4K, or 4096. Enter a null line or erase the block size field to leave the minidisk unformatted. You must have NOFORMAT authorization in the GRANT record in the AUTHORIZ CONFIG file to leave a disk unformatted.

0412R

ENTER OPTIONAL DISTRIBUTION CODE:

Reason:

The system is prompting you to enter an optional distribution code to be assigned to a new user ID being created. The command waits for you to enter your reply.

Action:

Specify the desired distribution code, if any. If you give a null reply, the distribution code specified in the skeleton is used. If the skeleton does not have a distribution code specified on the ACCOUNT statement, the distribution code defaults to the user ID.

0413R

ENTER OPTIONAL LOCATION:

Reason:

CA VM:Director is prompting you to enter the optional location on the volume you specified where you want to allocate a new minidisk or move an old minidisk. The command waits for you to enter your reply.

Action:

Specify the actual cylinder or block number where you want the minidisk allocated; or, if you want CA VM:Director to allocate the minidisk, just press ENTER.

0414R

ENTER ALTERNATE SKELETON NAME:

Reason:

CA VM:Director is prompting you to enter an optional skeleton file name to be used when creating a new user ID. The command waits for you to enter your reply.

Action:

Specify the desired skeleton file name. If you want to use the default skeleton file name displayed by message 0398I, just press ENTER.

0415R

ENTER OPTIONAL VOLUME:

Reason:

CA VM:Director is prompting you to enter the optional volume label of a real disk to which you want to allocate the new minidisk. The command waits for you to enter your reply.

Action:

If you want to allocate on a particular volume, reply with the volume serial number. If you want CA VM:Director to select a volume for you, just press ENTER.

0416E

INVALID SUBFUNCTION *subfunction*

Reason:

You specified a subfunction that is invalid in the MAINT MANAGE environment. The invalid subfunction is ignored. CA VM:Director prompts you to enter the next subfunction.

Action:

Enter a valid subfunction or enter ? to get a list of valid subfunctions.

0417I

MINIDISK IS *percent* UTILIZED WITH *number* FILES

Reason:

A MAINT MANAGE subfunction is displaying information about a minidisk that is about to be moved, changed, or scratched. The minidisk contains the indicated number of files and is *percent* full. Other informational messages are displayed and you are prompted to further specify the request.

Action:

None.

0418I

MINIDISK ON VOLUME *volume*, DEVICE TYPE *type*

Reason:

A MAINT MANAGE subfunction is displaying information about a minidisk that is about to be moved, changed, or scratched. It is currently located on the indicated volume and is a device of the indicated type. Other informational messages are displayed and the user is prompted to further specify the request.

Action:

None.

0421I

MOVING MINIDISK *vaddr* TO ANOTHER LOCATION

Reason:

You made a request to move the minidisk to another location on a volume of the same device type. Other informational messages are displayed before you are prompted for the optional volume and location the minidisk is to be moved to.

Action:

None.

0423I

PERFORMING MAINTENANCE ON USER *userid*

Reason:

The MAINT MANAGE function has been invoked to manipulate the directory entry file for the indicated *userid.* The system prompts the directory manager to enter the next subfunction.

Action:

Enter a valid subfunction or enter a question mark to get a list of valid subfunctions.

0424I

SCRATCHING MINIDISK *vaddr*

Reason:

A request to scratch the minidisk was made in the MAINT MANAGE environment. Other informational messages concerning the minidisk about to be scratched are displayed. The directory manager is asked if he really wants to scratch the minidisk before any data is destroyed.

Action:

None.

0425I

ENTRY *entry*, ACCOUNT *accountnumber* HAS *number* MINIDISKS (or FILESPACES)

Reason:

The REMOVE subfunction was issued and the indicated entry is about to be removed from the system directory. This message displays the user's account number, *accountnumber*, as well as the number of minidisks or SFS filespaces allocated for the user. If the user is being removed permanently, the message is followed by a prompt to verify the removal.

Action:

None.

0426I

CREATING A NEW MINIDISK *vaddr*

Reason:

The MAINT MANAGE NEWDISK subfunction was issued to create a new minidisk *vaddr*. The system prompts you to enter various parameters to be used in allocating the disk space.

Action:

None.

0427I

USER *userid* NOT ADDED

Reason:

The MULTIPLE command was used to define a new user ID, but CA VM:Director could not add *userid* to the directory because it detected an error in one of the parameters specified in the control file or because the user ID already exists. The MULTIPLE command continues adding other user IDs specified in the control file.

Action:

Correct the invalid parameter in the associated control file record. Place the record in a new control file and enter the MULTIPLE command again.

0428E

SKELETON *skeletonname* IS INVALID

Reason:

The indicated skeleton name you used to create a new user ID was invalid. Either the skeleton file does not exist or the directory manager is not authorized to use it. The command terminates with an error.

Action:

Check the VMDIRECT MANAGERS file to see if you are authorized to use *skeletonname*. Check to see if *skeletonname* resides on the CA VM:Director 191 disk. Enter the command again and specify a valid skeleton name.

0429E

NEWUSER EXIT INDICATES *managerid* SHOULD BE DIRECTORY MANAGER FOR USER *userid* WITH ACCOUNT *accountnumber*

Reason:

A CA VM:Director command has been issued to create a new user ID. The *userid* and account number were passed to the NEWUSER exit routine, which indicated that *managerid* should be the directory manager. The new user ID is not created.

Action:

Review installation standards for user IDs, names, and account numbers and choose the correct values for each.

0430I

ENTRY entry NOT REMOVED

Reason:

The MULTIPLE command was issued to remove a group of directory entries from the directory, but the specified entry could not be removed due to a condition indicated by a previous error message. The MULTIPLE command execution continues.

Action:

Correct the control file record for the entry and enter the command again.

0431E

RESPONSE *response* IS INVALID

Reason:

CA VM:Director received an invalid response to message 0404R or 0476R.

Action:

The command prompts you again. Respond appropriately.

0432I

USER *userid* ADDED

Reason:

The MULTIPLE command successfully added *userid* to the directory. The MULTIPLE command execution continues.

Action:

None.

0433I

USER *userid* NOT PLACED ON HOLD

Reason:

The MULTIPLE command was issued to place a group of user IDs on hold, but *userid* could not be held due to an error condition indicated by a previous error message. The command continues execution.

Action:

Correct the control file record for the *userid* and enter the command again.

0434E

SUBPOOL *subpool* IS INVALID

Reason:

The reply to the prompt for an alternate subpool name to be used by the MULTIPLE command was invalid. Either *subpool* is not defined or the directory manager is not authorized to use it. The command terminates with return code 24.

Action:

Check the VMDIRECT MANAGERS file to see what subpools you can use. Check the DASD CONFIG file to see if *subpool* is properly defined on the EXTENT and SUBPOOL records. Enter the command again and specify a valid subpool name.

0435E

USER *userid* IS NOT ON HOLD

Reason:

A command was issued against a user ID expected to be on hold, but *userid* was not on hold. Command execution continues for the MULTIPLE command and terminates with an error code for other commands.

Action:

Check the CA VM:Director DRCT minidisk to see if *userid* is already activated or created.

0436I

USER *userid* REACTIVATED

Reason:

The MULTIPLE command was issued to activate a group of users listed in the control file, and *userid* is successfully activated. The MULTIPLE command execution continues.

Action:

None.

0437I

USER *userid* NOT REACTIVATED

Reason:

The MULTIPLE command was issued to activate a group of user IDs currently on HOLD, but *userid* could not be activated due to an error condition indicated by a previous error message. The MULTIPLE command execution continues.

Action:

None.

0438I

COMMAND *command* COMPLETE

Reason:

The indicated command completed its execution.

Action:

None.

0439I

SKELETON *skeletonname* HAS BEEN UPDATED

Reason:

The ADMIN command has successfully created or updated the indicated skeleton file. The ADMIN command terminates.

Action:

None.

0440I

THERE WERE *number* USERS CHANGED

Reason:

This is the normal response message for the NEWIPL command. It indicates the number of users that were updated. The command terminates normally.

Action:

None.

0441R

ENTER NEW (or OLD) IPL SYSTEM OR DEVICE:

Reason:

The NEWIPL command was issued to change the IPL system name for all user IDs in the directory. The command prompts for the OLD and NEW system names (or device addresses). User directory entries found with the specified old system name are converted to the new system name.

Action:

Enter the appropriate response.

0442E

USER *userid* MINIDISK *vaddr* HAS NO *passwordtype* PASSWORD

Reason:

An attempt was made to establish a directory link to the *userid*'s minidisk but the mode requested had no corresponding password. The command terminates with an error.

Action:

If appropriate, give the *vaddr* the indicated passwords and try to establish the link again.

0443E

USER *userid* IS IGNORED

Reason:

An attempt was made to manipulate the indicated directory entry, which is invalid because the *userid* is specified on an IGNORE record in the DASD CONFIG file. The command terminates with return code 40.

Action:

Use the EDIT command to change the directory entry for the ignored user ID.

0444E

USER *managerid* ALREADY IS THE DIRECTORY MANAGER OF USER *userid*

Reason:

An attempt was made to assign *userid* to a new directory manager, but *managerid* is already the user ID's directory manager. The command terminates with return code 24.

Action:

None.

0445I

USER *userid* LOGON PASSWORD IS NOW *password*

Reason:

The PASSWORD command was successfully issued to change the logon password for *userid* to *password*. The command terminates normally.

Action:

None.

0446I

MANAGERS FILE NOT CHANGED

Reason:

The CA VM:Director ADMIN command was issued to edit the indicated CA VM:Director MANAGERS file. The XEDIT environment was left without having filed any changes. The command terminates without updating the indicated file.

Action:

None.

0447E

USER *userid* HAS ALREADY BEEN EXPIRED

Reason:

An attempt was made to expire *userid* but it was found that the user ID was already expired. The command terminates with return code 24.

Action:

None.

0448W

THE CONFIGURATION RECORD *record* HAS BEEN OVERRIDDEN BY A GLOBAL RECORD FOR THE SAME USERID.

Reason:

You have entered a NOLINK or IGNORE configuration record in the DASD CONFIG file that specifies a user ID and device address as shown. However, another record of the same type for the same user ID was also found that does not include a specific address. That record defines a global NOLINK or IGNORE for all devices owned by that user ID and overrides any specific definitions. The record with the specific definition is ignored.

Action:

You can remove the more specific definition, because it is ignored anyway, or you can remove the global definition and include as many specific definitions as required.

0449I

USER|IDENTITY|SUBCONFIG *entry* REMOVED FROM DIRECTORY

Reason:

The indicated entry has been successfully placed on hold or removed from the directory. The command terminates normally.

Action:

None.

0451E

ACCOUNT NUMBER *accountnumber* IS INVALID FOR USER *userid*

Reason:

You have attempted to change the account number for your own user ID or one you manage. The new account number was not found on any of the special *AC= records in the user ID's directory entry, your site has not installed the CA VM:Director ACCOUNT user exit to validate account number changes, or the CA VM:Director ACCOUNT user exit rejected the account number. The account number change is not made.

Action:

Review the user ID's directory entry. You can only change the account number to one of the values on the records beginning *AC=, unless you have installed an ACCOUNT user exit to validate account number changes.

0452E

CA VM:ACCOUNT NOT AVAILABLE TO VERIFY NEW ACCOUNT NUMBER

Reason:

An attempt was made to change an account number while CA VM:Account was not available to verify the new account number. The account number is not changed. The command may terminate with an error.

Action:

Notify the CA VM:Account system administrator.

0453E

UNEXPECTED RETURN CODE *code* FROM CA VM:ACCOUNT

Reason:

An attempt was made to change an account number, and CA VM:Account is installed. CA VM:Director received an unexpected return code from CA VM:Account when notifying CA VM:Account of the account number change. The most likely cause is that the latest version of CA VM:Account is not running. A code of 24 means CA VM:Account does not have a PRODUCT record for CA VM:Director in the VMACCT CONFIG file. The account number change is not performed. The command may terminate with an error.

Action:

Put a PRODUCT VMDIRECT record in the VMACCT CONFIG file.

0454E

ACCOUNT NUMBER NOT CHANGED; USER *userid* IS LOGGED ON

Reason:

An attempt was made to use MAINT MANAGE or MANAGE to change the account number for *userid* while that user ID was logged on. This should not be done when CA VM:Account is installed, because it would lead to an incorrectly costed terminal session. The account change is not performed.

Action:

Ask the user to log off, or perform the change while the user is not logged on.

0455E

INVALID PARAMETER *parameter*; CA VM:ACCOUNT IS INSTALLED

Reason:

The user attempted to change his account number and specified parameter. This is invalid, because CA VM:Account is installed. The command terminates with return code 52. The account number is not changed.

Action:

Change the account number using the IMMED parameter.

0456I

DO YOU WISH TO CONTINUE?

Reason:

The password encryption utility is asking if you wish to continue the installation of password encryption. The command prompts for a YES or NO reply with message 0404R.

Action:

Enter YES or NO to the 0404R prompt.

0457W

WARNING! YOUR *vaddr* MINIDISK HAS BEEN MOVED, YOU MUST RELINK IT

Reason:

The minidisk you have linked at *vaddr* has been moved to a new location. Since the old area has been formatted, any programs that attempt to access files on this disk will fail.

Action:

Detach the *vaddr* device and relink it, or log off and log on again.

0458E

NEW IPL NAME MATCHES OLD IPL NAME

Reason:

You have entered the same old and new IPL system names. The command terminates with an error.

Action:

Enter the NEWIPL command again and respond with the correct system names.

0459I

UPDATE OF USER *userid* FAILED

Reason:

A manual update of the *userid* directory entry failed. The system asks if you wish to correct the problem with messages 0469I and 0404R.

Action:

If the response is YES, you will be placed back in XEDIT so that you can correct your mistake. If the response is NO, the changes are lost and the update is not performed.

0460E

MINIDISK 191 NOT DEFINED

Reason:

The MULTIPLE command failed in attempting to allocate a 191 minidisk as requested. The reason for the allocation failure is indicated by the previous message. The minidisk is not allocated. The command continues execution.

Action:

None.

0461E

FILE *filename filetype filemode* IS INVALID

Reason:

The command you issued specified an invalid CMS file as a parameter. The command terminates with return code 100.

Action:

Enter the command again and specify a valid file.

0462T

THE ONLINE DIRECTORY WAS MODIFIED BY A PROGRAM OTHER THAN CA VM:Director

Reason:

CA VM:Director has determined that the CP online directory has been modified by another program. It was likely caused by use of the DIRECT, DIRECTXA, or DIRMAINT programs or another vendor directory management product. CA VM:Director terminates.

Action:

Make sure that no programs that will modify the CP online directory are run. Use of these programs is not compatible with concurrent execution of CA VM:Director. CA VM:Director must be terminated before other programs can be successfully used to modify the CP online directory.

0463E

MANAGER *managerid*'S USERID LIMIT OF *number* HAS BEEN REACHED

Reason:

You tried to define a new user ID, but the specified manager has reached his or her limit of user IDs as defined in the VMDIRECT MANAGERS file. CA VM:Director does not allow you to define additional user IDs for that manager.

Action:

If appropriate, increase the number of user IDs the specified manager can define, by raising the limit on the IDLIMIT record in the VMDIRECT MANAGERS file.

0464E

SCRATCH EXIT INDICATES USERID MAY NOT BE CHANGED

Reason:

You tried to change the user ID of an existing virtual machine with the ASSIGN or CHANGE command. However, the SCRATCH user exit at your site indicated that the user ID cannot be removed. The command terminates in error. The user ID is not changed.

Action:

Determine why the SCRATCH user exit was set up to prevent removing the user ID. Remember, changing a user ID is the logical equivalent of removing it if components of the system refer to that specific user ID.

0465E

***vmdirect* MAY NOT BE ASSIGNED**

Reason:

An attempt was made to assign the CA VM:Director service virtual machine to a different directory manager. This cannot be done using CA VM:Director. The command terminates.

Action:

This function must be done manually while CA VM:Director is down. Use the CMS RENAME command to change the CA VM:Director directory entry file type to the new manager's user ID.

0466E

SCRATCH EXIT INDICATES MINIDISK *vaddr* MAY NOT BE REMOVED

Reason:

An attempt was made to transfer the ownership of the minidisk to another user ID. However, the SCRATCH user exit indicated that the minidisk cannot be scratched. The command terminates in error. The minidisk is not transferred.

Action:

Determine why the SCRATCH exit was set up to prevent removing the minidisk. Remember, changing minidisk ownership is the logical equivalent of removing it if components of the system refer to that minidisk.

0469I

DO YOU WISH TO CORRECT THE PROBLEM?

Reason:

This message is displayed following diagnostic messages from commands that update files using XEDIT. It is followed by message 0404R or 0476R, which request you to enter your reply. The process waits for your reply to be entered.

Action:

Enter YES or NO as appropriate.

0471I

IN ORDER TO MOVE A MINIDISK, AT LEAST ONE FIELD MUST BE CHANGED

Reason:

In moving a minidisk, you pressed the ENTER key without modifying at least one of the selection fields.

Action:

If you wish to move a minidisk, modify a selection field by typing over a given default or entering a new value. If you wish to exit without moving a minidisk, press PF3.

0475I

YOUR LOGON PASSWORD HAS BEEN CHANGED

Reason:

During logon processing, the system determined that a directory manager had changed your password. You must now enter a new logon password to preserve password integrity. The system prompts you to enter a new logon password.

Action:

Select a new password, enter it, and do not let anyone know what it is.

0477I

FILE *filename filetype filemode* WAS *processed*

Reason:

The LOGMSG command was issued to create, update, or remove the indicated file. This message indicates the action taken. The command terminates normally.

Action:

None.

0479I

FILE *filename filetype filemode* NOT CREATED (or UPDATED)

Reason:

An attempt was made to create or update the indicated log message file, but XEDIT was terminated without writing the file to the A-disk. The command terminates normally without creating or updating the indicated file.

Action:

None.

0480E

COPY ERROR, INPUT DISK CONTAINED *number1* FILES, OUTPUT DISK HAS *number2*

Reason:

A directory manager attempted to move or change the size of a user's minidisk. However, a check of the number of files on the minidisk before and after the copy indicated that the input minidisk contained *number1* files while the output minidisk contained *number2*. This indicates a problem copying the files. The minidisk is not moved. The command's execution is canceled.

Action:

This situation is caused by a damaged directory on the input minidisk. Copy or tape dump the files to a freshly formatted minidisk. Do not attempt to write or erase anything on the minidisk, as such an action may cause more damage.

0481W

THE *system* DATABASE DISK IS *percent* FULL!

Reason:

The CA VM:Director service virtual machine minidisk is the listed percentage full. Execution continues normally.

Action:

Use the CA VM:Director MANAGE or MAINT MANAGE commands to enlarge the specified minidisk. Failure to do so may result in CA VM:Director being unable to complete functions normally.

0482E

USER *userid* HAS NO HISTORY INFORMATION

Reason:

An attempt was made to display the recent security access history for the indicated *userid*, but the user ID's directory entry did not contain any history comment records. The command terminates with return code 40.

Action:

Use the GENHS command to add the history comment record to the user ID's directory entry.

0483W

WARNING! YOU HAVE LINKED *system* disk DISK *vaddr1* AS *vaddr2*

Reason:

CA VM:Director periodically samples its minidisks and has determined that you currently have an unauthorized link to its minidisk (*vaddr1*) as *vaddr2*. Execution continues normally. Appropriate security personnel are notified.

Action:

Detach *vaddr2*. Use the CA VM:Director USER command to remove any directory links you have to this minidisk.

0484W

WARNING! *userid* HAS LINKED *system disk* DISK *vaddr1* AS *vaddr2*

Reason:

The indicated *userid* has an unauthorized link to the specified CA VM:Director minidisk (*vaddr1*) as *vaddr2*. This link could constitute a serious security threat. CA VM:Director continues to issue warning messages until the link is detached.

Action:

Notify the appropriate security personnel. This message could indicate that security has been compromised.

0485R

REMOVE LINK *userid vaddr*?

Reason:

The MAINT command is being used to review and remove directory links made by other user IDs to one of your minidisks. This message displays the *userid* that has a directory link as *vaddr*. The process waits for you to enter your reply.

Action:

If you wish to remove the link from the user directory, enter YES. Enter NO if you do not want to remove it, or END if you want to terminate the processing of the command.

0486I

THERE WERE *number* LINKS REMOVED

Reason:

The MAINT command was used to review and remove directory links made by other users to one of your minidisks. This message indicates the total number of directory links that were removed at your request. The command terminates normally.

Action:

None.

0487W

UNABLE TO AUTOLOG *userid*, CP RETURN CODE *code*

Reason:

The PRODUCT CONFIG file contained an AUTOUSER record that indicates the user ID to be autologged by CA VM:Director when initialization is complete. The system attempted to do the autolog and received the CP return code that indicated the attempt was unsuccessful. Execution continues normally.

Action:

Refer to the IBM documentation on CP commands for an explanation of AUTOLOG's return code.

0488E

UNABLE TO DETERMINE THE SYSRES REAL DEVICE ADDRESS

Reason:

The VMXBKP01 EXEC procedure was issued without a DIRECT STATEMNT file on the issuer's A-disk. When this occurs, the system attempts to build the necessary directory statement based on the real device address obtained from a CP QUERY DASD command. However, the output of this command was not in the proper format or did not contain a reference to the volume being used for the online directory. The VMXBKP01 EXEC terminates with return code 100. A backup of the directory database is not done. This error may occur if the format of the messages from the CP QUERY DASD command changes.

Action:

Build a DIRECT STATEMNT file on your A-disk using XEDIT. You can get the SYSRES real device address from the DIRECT record in the PRODUCT CONFIG file. The contents of the file look like this example:

```
DIRECTORY raddr devicetype label
```

Run the VMXBKP01 EXEC again.

0489E

SHARED/NONSHARED SUBCHANNEL PROTOCOL CONFLICT

Reason:

The virtual device address on the directory statement conflicts with another device on the same subchannel, which executes with a different shared/nonshared protocol. Message 0056I indicates which record is in error. The directory update fails.

Action:

Change the virtual device address.

0490E

DUPLICATE COMMAND CLASS ON *type* RECORD

Reason:

A directory class letter has been duplicated on a USER or CLASS statement. The directory update fails.

Action:

Remove the duplicate class letter.

0491R

ENTER OPTIONAL ACCESS SECURITY GROUP:

Reason:

The MAINT MANAGE command was invoked to create a new user ID. The command is prompting the security group manager to enter the new user ID's default security group name. The command waits for you to reply.

Action:

Enter the desired security group name. If you wish to use the default name from the skeleton, enter a null reply.

0492E

SPACE ON VOLUME *volser* AT LOCATION *location* WITH SIZE *size* HAS NOT BEEN ALLOCATED. DIRECT SCRATCH FAILED

Reason:

The DIRECT SCRATCH primitive was issued by a CA VM:Director macro for a minidisk that has not been allocated or has already been scratched. The minidisk mapping structure is not changed and processing continues.

Action:

Try to determine why the macro was attempting to scratch the minidisk. If a previous error occurred, you may be able to ignore the message. If the problem persists, you may need to contact your system administrator or Technical Support.

0494E

USER *userid* DOES NOT HAVE AN ACCOUNT NUMBER

Reason:

You issued the QUERY ACCOUNT command to determine the account number for your own user ID or one you manage. The *userid* in question has no account number. The QUERY command terminates with return code 28. Nothing is stacked, even if you specified the STACK option on the QUERY command.

Action:

You can use the ASSIGN or EDIT command to add an account number to the user ID's directory entry.

If the QUERY ACCOUNT command is issued from an EXEC and uses the STACK option, be sure that the EXEC does not attempt to read an account number from the stack when the QUERY return code is nonzero.

0495E

DUPLICATE *record* RECORDS FOUND

Reason:

During CA VM:Director initialization, or as a result of the CA VM:Director CONFIG DASD command, CA VM:Director has processed the DASD CONFIG file and found invalid duplicate records. The substitution in the message will be in one of the following formats:

```
SUBPOOL poolname
VOLUME volume
IGNORE userid
IGNORE userid vaddr
LIST listname
```

CA VM:Director initialization terminates if the condition is detected then. If the condition is detected during CA VM:Director CONFIG DASD, the system administrator who issued the CA VM:Director CONFIG command is given the opportunity to correct the problem.

Action:

Remove or correct one of the duplicate records in the DASD CONFIG file.

0496E

USER *userid* HAS NO CP PRIVILEGE CLASSES IN THE DIRECTORY; SYSTEM DEFAULTS ARE IN EFFECT

Reason:

You issued the QUERY CLASS command to determine the CP privilege classes of your own user ID or one you manage. The *userid* in question has no CP privilege classes defined in the directory entry or any associated directory profile. The user privilege class defaults to the specification on the PRIV_CLASSES statement in the VM SYSTEM CONFIG file. The QUERY command terminates with return code 28. Nothing is stacked, even if you specified the STACK option on the QUERY command.

Action:

You can use the EDIT command to add privilege classes to the user ID's directory entry. If the QUERY CLASS command is issued from an EXEC and uses the STACK option, be sure that the EXEC does not attempt to read classes from the stack when the QUERY return code is nonzero.

0497E

ACCOUNT NUMBER FOR USER *userid* CANNOT BE CHANGED

Reason:

You have attempted to change the account number for your own user ID or one you manage. The directory entry for the user contains no special *AC= comment statements listing alternate valid account numbers, and your site has not installed an ACCOUNT exit to validate account number changes. The account number is not changed.

Action:

You must either add *AC= statements to the indicated *userid*'s directory entry using the EDIT command or install an ACCOUNT user exit that permits the change.

0498W

ALLOCATED SPACE ON VOLUME *volser* AT LOCATION *location* WITH SIZE *size* IS BEING RETURNED TO FREE SPACE.

Reason:

At process, or command, termination an allocated minidisk was found that has not been claimed by any of the user IDs involved in the command. The command may have terminated abnormally and left the minidisk behind. The space is automatically returned to free space and any data on that minidisk may be lost. The space is not formatted, but is available to be reallocated and would then be formatted.

Action:

If the space was just newly allocated and the process terminated abnormally, no action is required. The command can be repeated and the space would be reallocated again. If the space contains data that should not be lost, then immediately issue the CA VM:Director MANAGE or ADDMDISK command to define a minidisk in the exact location specified in the message, but do not format it. In either case, you should contact your system administrator.

0500E

CONTINUED *type* RECORD EXCEEDS *number* CHARACTERS

Reason:

CA VM:Director allows you to use a comma as a continuation character on any records in rule files, any records in the VMDIRECT MANAGERS file, and any records in the configuration files except VOLUME, EXTENT, SUBPOOL, and IGNORE.

Records in the configuration files can be continued up to 4,096 characters; records in the other files mentioned can contain up to 256 characters. You have created a continued record whose total length exceeds one of these limits. The rules file, VMDIRECT MANAGERS file, or configuration file you were working on is not updated.

Action:

Divide the long record into several shorter records, or reduce its length in some other way.

0501E

LIST *name* CONTAINS *number1* ENTRIES, *number2* IS MAXIMUM ALLOWED

Reason:

You have entered the CA VM:Director CONFIG AUTHORIZ command to add a LIST record to the AUTHORIZ CONFIG file. The LIST record you created contains more list entries than CA VM:Director can process in a single list. The current maximum is 340. The AUTHORIZ CONFIG file is not updated, and you are prompted to correct the problem.

Action:

If you need more than 340 entries in a list, combine two or more lists, as shown below:

```
LIST *LIST1 (300 list entries follow here)
LIST *LIST2 *LIST1 (300 more list entries follow here)
```

*LIST2 now effectively includes 600 entries.

You could also use another technique to group the entries in the list. If the entries in your list have something in common (for example, they are in the same security group or have the same directory manager) one of the special keywords defined by CA VM:Director for categorizing user IDs may work better than a long list. See the chapter on configurable Authorizations in the *Administration Guide*.

0502E

MISSING *keyword* OPERAND IN *type* RECORD

Reason:

You have issued the CA VM:Director CONFIG AUTHORIZ command and have created a GRANT or WITHHOLD record that contains a syntax error. You have used one of the special phrases that requires an operand, but have not supplied an operand.

For example, the phrase *DIRUSRS *managerid* means all users whose directory manager is *managerid*. *DIRUSRS requires an operand to specify the name of the manager, as in *DIRUSRS CHARLES or *DIRUSRS *SELF. The following record is missing an operand after *DIRUSRS:

```
GRANT MANAGE *DIRUSRS TO LUCILLE
```

Message 0502E would look like this:

```
MISSING *DIRUSRS OPERAND IN GRANT RECORD
```

This message is accompanied by message 0393I, which displays the entire text of the record that is causing the problem. The AUTHORIZ CONFIG file is not updated, and you are prompted to fix the problem.

Action:

See the chapter on configurable Authorizations in the *Administration Guide* to determine the required syntax.

0503E

word1 word2* INCLUDES UNDEFINED WORD **word

Reason:

You have issued the CA VM:Director CONFIG AUTHORIZ command and created a GRANT, WITHHOLD, or LIST record that includes a special keyword unknown to CA VM:Director. The variables *word1 word2* can be one of three things: GRANT *record*, WITHHOLD *record*, or LIST *listname*.

In a GRANT or WITHHOLD record, words beginning with an asterisk must be either special keywords defined by CA VM:Director (*DIRUSRS, *GROUP, and so on) or names of lists that you defined on a LIST record. The LIST record that defines a list name must precede any reference to the list name. The AUTHORIZ CONFIG file is not updated. You are prompted to fix the problem.

Action:

If there is a spelling error in **word*, correct it. If **word* is a list name, move the LIST **word* record in the AUTHORIZ CONFIG file so that it precedes any other record that refers to **word*.

0504W

WARNING: *vaddr* IS A DEVICE IN YOUR PROFILE. IT WILL BE OVERRIDDEN

Reason:

You have used the MAINT command to create a new virtual device in your directory entry at the indicated virtual address. Your directory entry is based on a directory profile, and that profile already defines a device for you at the specified address. The MAINT DEFINE and MAINT LINK subfunctions can encounter this problem. The new device is defined as you requested, overriding the device defined by your directory profile.

Action:

If you do not want to override the profile, enter the MAINT command again and define the device at a different virtual address. This makes it easy for your system administrator to keep your access to system disks current. If you intentionally overrode your profile's definition of the specified virtual address, no action is necessary.

0505E

YOU CANNOT DELETE A DIRECTORY RECORD THAT IS IN YOUR PROFILE

Reason:

You have issued the MAINT command to remove a virtual device in your directory entry. Your directory entry is based on a directory profile, and the definition of the device comes from the profile. CA VM:Director does not allow you to change your profile or remove yourself from dependence on it. The MAINT DEFINE and MAINT DELETE subfunctions can encounter this problem. Your directory entry is not updated.

Action:

You should probably keep the device set up for you by your system administrator. If it is imperative that you not have a device at that virtual address, include a CP DETACH command in your PROFILE EXEC to remove the device from your virtual machine. Alternatively, you can define a different device at that same address using MAINT DEFINE or MAINT LINK. You will receive warning messages that you are overriding your profile, but CA VM:Director allows you to define the new device.

0506E

userid* NOT ALTERED. REFERENCED IN PROFILES: *profnamelist

Reason:

You have issued a command that would have to change or remove either the owning user ID or the virtual address of a minidisk that is referenced by a directory profile. For example, suppose that a directory profile included the following statement:

```
LINK FINANCE 291 195 RR
```

The profile would be incorrect if user ID FINANCE were changed or removed, or if this minidisk were redefined at virtual address 391 in the directory entry for FINANCE. CA VM:Director does not allow the profile to become incorrect and does not allow you to change a directory profile through any means except ADMIN PROFILE. The message names the first two profiles affected; if there are more than two, the message ends with an ellipsis. Your command terminates with an error code. The directory is not changed.

Action:

Determine why the device is included in a directory profile. If you must change the user ID or device address, take the following steps:

- Create the new device (for example, FINANCE 391).
- Copy the data to the new device.
- Update the directory profile to define the new owner and device (FINANCE 391 instead of FINANCE 291).
- Scratch the old device.

0507E

*** IS AMBIGUOUS. TRY ‘ANYUSR’, ‘EVERYUSR’, ‘ANYCMD’ OR ‘EVERYCMD’**

Reason:

You have issued the LISTAUTH or MAY command, using an asterisk for one or more parameters, or using a parameter that contains an asterisk. For example, suppose you entered the following command:

```
VMDIRECT MAY I CHANGE *
```

An asterisk (*) is ambiguous. The MAY or LISTAUTH command terminates with return code 24.

Action:

Rephrase the command without using an asterisk. The words EVERYUSR, EVERYCMD, and EVERYWRD represent the idea *every*. The words ANYUSR, ANYCMD, and ANYWRD represent the idea *any*.

0508W

USER *userid*'S DIRECTORY, WHICH WAS JUST EDITED, WILL NOT LOOK

Reason:

Message continued with 0509W. You have entered the CA VM:Director command EDX *userid* and have been placed in XEDIT in the user ID's directory entry. You have removed or changed one or more directory statements, and filed the changes. CA VM:Director has detected that some directory statements from the user ID's directory profile will be in effect for that user ID, because they are not overridden by any statement in the directory entry.

For example, if you deleted all OPTION statements from the directory entry you edited, but the included profile contains OPTION statements, the options specified in the profile take effect. You can prevent this by leaving at least one OPTION statement in the file presented by EDX or by removing the INCLUDE statement while in XEDIT.

CA VM:Director sends messages 0508 through 0515 to inform you that there are hidden effects of the INCLUDE statement, effects that were not obvious when you filed the changes. Messages 0508 through 0513 prompt you for a decision about the problem.

Action:

You can enter YES to edit the file and fix the problem, NO to accept the hidden effects and perform the update, or CANCEL to cancel the update. CANCEL will restore the directory entry to the state it was in before you issued EDX.

0509W

THE SAME IN FINAL FORM. THE FOLLOWING RECORDS WILL BE ADDED

Reason:

This is part of a dialogue that begins with message 0508W. See the explanation for message 0508W. This message is followed by message 0512W, which lists the directory profile statements that would take effect if you decided to leave the directory entry as it is. Message 0512W is sometimes followed by message 0513W.

Action:

See message 0508W.

0510W

DO YOU WISH TO RE-EDIT THIS DIRECTORY ENTRY?

Reason:

This is part of a dialogue that begins with message 0508W. See the explanation for message 0508W. This message is also part of the dialogue that begins with message 0524W, and is explained there.

Action:

See messages 0508W and 0524W.

0511R

TYPE YES, NO, OR QUIT

Reason:

This is part of a dialogue that begins with message 0508W.

Action:

See message 0508W.

0512W

list of userids or directory statements

Reason:

This message simply lists data.

Action:

See message 0508W.

0513W

AND list of *userids or directory statements*

Reason:

This message simply lists data.

Action:

See message 0508W.

0515W

FROM PROFILE *name*:

Reason:

This is part of a dialogue that begins with message 0508W.

Action:

See message 0508W.

0520I

THE SYSTEM WORD IS *word*

Reason:

You have issued the CA VM:Director SYSWORD QUERY command, and CA VM:Director has displayed the system word. The system word is an arbitrary one- to eight-character token that is set by the CA VM:Director SYSWORD SET command. The default value of the system word is an asterisk followed by seven blanks.

The system word is used by the POSTRULE user exit and must be from one to eight characters of uppercase EBCDIC with no embedded blanks.

Action:

None.

0523I

***type name* HAS BEEN ERASED**

Reason:

You have entered the CA VM:Director ADMIN command with the ERASE option to delete a directory profile, skeleton, or pool. CA VM:Director has determined that no user IDs depend on that directory profile, skeleton, or pool and has erased it from the database. The CA VM:Director ADMIN command terminates successfully.

Action:

None.

0524W

THE INCLUDE RECORD IN THIS DIRECTORY DOES NOT:

Reason:

This message begins a dialog that contains several messages.

Action:

See the explanation of message 0527R.

0525W

NAME AN EXISTING PROFILE, DIRECTLY FOLLOW THE USER RECORD,

Reason:

This is part of a dialogue that begins with message 0524W.

Action:

See the explanation of message 0527R.

0526W

OR EXIST AS THE ONLY INCLUDE IN THE DIRECTORY

Reason:

This is part of a dialogue that begins with message 0524W.

Action:

See the explanation for message 0527R.

0527R

TYPE 'YES' OR 'QUIT'

Reason:

Messages 0524-0527 indicate that you entered the CA VM:Director EDX *userid* or EDIT *userid* command, and CA VM:Director has determined that there is something wrong with the INCLUDE statement in the resulting directory entry. The possibilities are:

- The INCLUDE statement does not appear as the second statement in the directory entry. The INCLUDE statement must appear directly after the USER statement.
- The INCLUDE statement does not name an existing directory profile.
- The directory entry contains two or more INCLUDE statements. There can be only one INCLUDE statement per directory entry.

The directory is not updated. You are prompted to correct the problem.

Action:

If you want to correct the problem, answer YES when prompted. CA VM:Director places you in XEDIT again to fix the problem. If you answer QUIT, the former directory entry is restored, and none of your changes take effect.

0528E

***name* IS INVALID AS A LIST NAME, DOES NOT BEGIN WITH ***

Reason:

During CA VM:Director initialization, or while processing the CA VM:Director CONFIG AUTHORIZ command, CA VM:Director found a LIST record that tries to define the list name as shown in the error message. The list name does not begin with an asterisk (*), which is a requirement for any list name. CA VM:Director initialization fails if this error is detected during initialization. If this situation is encountered during CA VM:Director CONFIG processing, you are prompted to correct the problem.

Action:

Change the list name to a name that begins with an asterisk. If you have referred to the list name in other configuration file records, change all those to refer to the new name.

0529E

***name* IS RESERVED BY CA VM:Director, MAY NOT BE USED AS A LIST NAME**

Reason:

During CA VM:Director initialization, or while processing the CA VM:Director CONFIG AUTHORIZ command, CA VM:Director has found a LIST statement that tries to define a list displayed in the shown error message. The list name begins with an asterisk (*), which is a requirement for any list name, but duplicates one of the reserved words used by CA VM:Director for authorization definitions. The reserved words are:

```
*
*ALL
*ANY
*DIRMGRS
*DIRUSRS
*GROUP
*GRPMEMS
*GRPMGRS
*GRPS
*GRPUSRS
*MANAGEE
*NEWUSRS
*SELF
```

CA VM:Director initialization fails if this error is detected during initialization. If this situation is encountered during CA VM:Director CONFIG processing, you are prompted to correct the problem.

Action:

Change the list name to a name that is not reserved by CA VM:Director. If you have referred to the list name in other configuration file records, change all those to refer to the new name.

0530E

AUTHORIZATION *optionnames* ARE INVALID OR MISSING

Reason:

During CA VM:Director initialization, or while processing the CA VM:Director CONFIG AUTHORIZ command, CA VM:Director found a GRANT or WITHHOLD record with incorrect syntax. The general syntax of a GRANT record is:

GRANT *power* TO *people*

If the message says KEYWORDS, something is wrong with the *power* part of the record. If the message says RECIPIENTS, something is wrong with the *people* part of the record.

If keywords or recipients are present but invalid, you should receive additional messages that describe the problem. CA VM:Director initialization fails if this error is detected during initialization. If this situation is encountered during CA VM:Director CONFIG processing, you are prompted to correct the problem.

Action:

Correct the GRANT or WITHHOLD record. If the problem occurred during CA VM:Director CONFIG processing, you can answer YES when prompted and fix the problem immediately. If the problem occurred during CA VM:Director initialization, log on to the CA VM:Director user ID and fix the problem by editing the AUTHORIZ CONFIG file.

0531E

PARAMETER *parameter* IS TOO LONG

Reason:

A parameter or option of your CA VM:Director command, or a parameter of a statement in a user ID's directory entry, is longer than permitted. Most parameters are limited to eight characters. A few have other limits (for example, a volser cannot be longer than six characters). The CA VM:Director command fails.

Action:

If the parameter was one you entered, re-enter the CA VM:Director command with the correct parameters. If the parameter is in a user ID's directory entry, use the CA VM:Director EDIT command or another CA VM:Director command to correct the error.

0532W

YOU DO NOT HAVE ULIST AUTHORIZATION OVER ANY QUALIFYING USERIDS

Reason:

You have entered the CA VM:Director ULIST command. If you did not specify any parameters, you asked to see information about the user IDs you manage. If you specified a user mask or manager mask (for example, the CA VM:Director ULIST *usermask managermask* command) you asked to see all users whose user ID and manager ID corresponded to your masks according to LISTFILE pattern matching.

There are users that correspond to your masks, but you are not authorized to use ULIST on any of them. The ULIST command terminates with return code 8.

Action:

If you need ULIST authorization over some or all of the user IDs you requested, grant yourself authorization in the GRANT record in the AUTHORIZ CONFIG file.

0533I

VALIDATING PROFILE *profile* AS TEMPORARY PROFILE *tempprof*

Reason:

You have entered the CA VM:Director ADMIN PROFILE command or a REPENTRY command with the PROFILE option, and have made changes to the PROFILE profile. CA VM:Director is trying to update all directory entries that depend on the profile.

The name of the temporary profile begins with the first four characters of the profile name, followed by a four-digit number. For example, the temporary name for the profile SALES is SALE0000, unless one by that name already exists, in which case the temporary name is SALE0001. If SALE0001 already exists, the temporary name is SALE0002, and so on.

The temporary profile contains the same information that was in the profile before you made your changes. All listed user IDs are now using the temporary profile.

This message is followed by messages 0257I and 0317I.

Action:

None.

0534I

USERID *userid* PASSWORD WILL EXPIRE IN *numdays* DAYS ON *dd month yyyy*

Reason:

This message is a successful response to the GETPWEXP command. The password for the indicated *userid* is set to expire on the indicated date.

Action:

None.

0535W

TEMPORARY PROFILE *tempprof* ALREADY EXISTS

Reason:

During profile updating, when using the ADMIN PROFILE command, CA VM:Director creates temporary copies of the profile. The temporary copy is given a name of the first four characters of the profile name, followed by a number. CA VM:Director has found that one of the names that it is trying to use already exists on the directory source disk. This may be a valid profile that is in use at this site, or may have been created due to errors in a previous effort to use ADMIN PROFILE for this same profile.

Action:

CA VM:Director continues to increment the number portion of the temporary profile name by 1 until it finds one that does not already exist, and processing continues. CA VM:Director posts the new temporary profile name in message 0533I, which will follow all 0535W messages that are generated.

If the name posted in message 0533I is not a valid profile name, and was created during another attempt to update this profile, please contact Technical Support for assistance in troubleshooting the problem. Otherwise, this message is simply informational, and can be ignored.

0536I

USERID *userid* PASSWORD EXPIRED *numdays* DAYS AGO ON *dd month yyyy*

Reason:

This message is a successful response to the GETPWEXP command. The password for the indicated *userid* has expired on the indicated date.

Action:

None.

0537I

THE SYSTEM WAS LAST STARTED AT *time* ON *date*.

Reason:

The QSTART command was issued to find the time and date that CA VM:Director was last started. The variable *time* is the start time of CA VM:Director and the variable *date* is the start date of CA VM:Director.

Action:

None.

0538E

INVALID RETURN CODE *code* FROM *userexit* USER EXIT

Reason:

An invalid return code was received by CA VM:Director from the indicated user exit. The CA VM:Director command terminates.

Action:

Refer to the chapter on User Exits in the *Reference Guide* and recode the appropriate user exit, replacing the invalid return code with a valid, documented one.

0539W

THE REQUESTED NUMBER OF SERVANTS COULD NOT BE STARTED. PROCESSING CONTINUES

Reason:

Changes were made to the Servant Facility configuration using the CA VM:Director CONFIG PRODUCT command which caused either new or additional servant machines to be autologged. One or more problems were encountered which prevented the desired number of servants from logging on successfully. Previous messages should describe the errors that occurred. Processing continues using those servants that were already logged on or were successfully autologged.

Action:

Using the previous error messages, determine and correct the problem and then retry the CA VM:Director CONFIG PRODUCT command to get the remaining servants autologged. Or, you can wait for the servants to be requested as they are needed and they will be autologged then.

0542E

ERROR *code* INVOKING CMS COMMAND *command*

Reason:

As part of processing your CA VM:Director command, a CMS command was invoked. The CMS command terminated with the indicated return code. The CA VM:Director command terminates.

Action:

Refer to the appropriate CMS command reference for the command cited. Research the return codes that the command may have produced.

0543E

THE SERVANT FACILITY IS NOT CURRENTLY TURNED ON.

Reason:

The command entered requires the use of the Servant Facility to perform some of its functions. The SERVANT record in the PRODUCT CONFIG file currently specified OFF and the facility is not available.

Action:

In order for the function to complete, turn on the Servant Facility using the CA VM:Director CONFIG PRODUCT command and changing the SERVANT record to ON.

0544E

SERVANT ALREADY AVAILABLE

Reason:

The CA VM:Director command you entered attempted to access a second servant virtual machine. A logic error occurred in the command macro.

Action:

For assistance, contact Technical Support.

0545I

SERVANT INFO: *servantid* ALLOCATED (or RELEASED)

Reason:

This message is issued each time a servant user ID is assigned to a process and again when it is released. It identifies the user ID of the servant used to complete the work.

Action:

None.

0546E

***userid* NOT DEFINED IN VMDIRECT MANAGERS FILE**

Reason:

You have attempted to manage a user ID, but you are not defined to CA VM:Director as a directory manager.

Action:

Use the CA VM:Director ADMIN MANAGERS command to edit the VMDIRECT MANAGERS file, and add your user ID.

0547E

INVALID DEVICE TYPE *type*

Reason:

You have selected a device type that is not supported for minidisks.

Action:

Enter a valid supported device type, such as 3380, 3390, or 9336.

0548E

MINIDISK SIZE *size* IS TOO SMALL FOR AN FB-512 DEVICE

Reason:

You have attempted to create a minidisk on an FBA device but the number of blocks you specified to allocate for the minidisk is too small. CMS cannot properly format the minidisk.

Action:

Respond with a larger number of blocks. The number of blocks must be larger than 15.

0549E

DEVICE *vaddr* ALREADY EXISTS

Reason:

You have attempted to define a new device for the user ID, but a device at that address already exists.

Action:

Attempt the action again, specifying a different virtual address for the device.

0550E

INVALID USE OF KEY *pfkey*

Reason:

You have used a PF key that CA VM:Director does not support for the screen.

Action:

Choose a key that is listed at the bottom of the screen.

0551E

UNKNOWN ERROR *code* UPDATING DIRECTORY

Reason:

While processing your request, CA VM:Director encountered an unknown error.

Action:

For assistance, contact Technical Support.

0552I

MINIDISK *userid vaddr* WAS DEFINED AND WAS (or WAS NOT) FORMATTED

Reason:

CA VM:Director created a new minidisk for *userid* at the indicated virtual address and it either was or was not CMS-formatted.

Action:

None.

0553E

YOU ARE NOT AUTHORIZED TO SKIP FORMATTING

Reason:

You have attempted to skip the formatting step while adding, moving, or deleting a minidisk. You are not authorized to skip this step.

Action:

Repeat the CA VM:Director request. Do not specify that you wish to skip the formatting step.

If you wish to give yourself authorization to skip formatting, put a GRANT NOFORMAT record in the AUTHORIZ CONFIG file. See the *Reference Guide* for an explanation of NOFORMAT.

0554E

ERROR *code* LINKING TO MINIDISK AREA ON VOLUME *volser* AT *location* FOR *size*.

Reason:

While attempting to access the minidisk for directory maintenance, CA VM:Director encountered a nonzero return code from the CP LINK command.

Action:

Refer to IBM's documentation on the CP LINK command to see why the operation failed. The specified return code is the message number to use to look up CP messages.

0555E

ERROR *code* FORMATTING MINIDISK SPACE

Reason:

While attempting to CMS-format a minidisk, CA VM:Director encountered a nonzero return code from the FORMAT utility.

Action:

Check the PRODUCT CONFIG file for an ALTERNAT FORMAT record:

- If this record is commented out or does not exist, you are using the CMS FORMAT command to format minidisks. Check the return code from the CMS FORMAT command.
- If this record is being used, you are using an alternate command to format minidisks. Check the return code of the program specified on the ALTERNAT FORMAT record. For an explanation of the ALTERNAT record, see the *Reference Guide*.

If the code is –231, try your command again. A code of –231 means that an IUCV connection to a servant was severed during the formatting process. If the same failure continues, check CA VM:Director and servant console logs for additional errors.

0556E

PLEASE ENTER A READ PASSWORD ALONG WITH YOUR WRITE PASSWORD

Reason:

You have attempted to add a write password for a minidisk without specifying a read password.

Action:

Provide both a read and a write password.

0557I

PASSWORD DISPLAY IS NOW ENABLED (or DISABLED)

Reason:

You have used the PF key to change the password display setting. If it is enabled, you will be able to see any passwords on the screen. If it is disabled, you will not be able to see the passwords on the screen.

Action:

None.

0558I

YOUR REQUEST WILL BE COMPLETED BY USER *userid* ON WORKUNIT *workunit*

Reason:

You have indicated that you do not wish to wait while CA VM:Director processes your request. The indicated *userid* will finish your request. A message will be displayed from CA VM:Director when your request is complete. If you are using the Servant Facility, the *userid* is the servant user on the indicated *workunit*.

To check the progress of your request, you can issue the VMDIRECT QUERY WORKUNIT *workunit* command, specifying the *workunit* in this message.

Action:

None.

0559I

THIS USER WILL SEND A FILE TO YOUR READER WHEN DONE

Reason:

This message is related to message 0558I. The *userid* mentioned in message 0558I will send you a file indicating the outcome of your request.

Action:

A file will be sent to your reader. Examine its contents to verify that your request completed successfully.

0560E

A NEW COMMON DISK COULD NOT BE INITIALIZED.

Reason:

Processing of the CA VM:Director CONFIG PRODUCT command includes allocating and initializing a new COMMON disk for use as the servant's 191 A-disk. Previous messages indicate why the allocation or initialization of this new disk failed. This message indicates that a new disk was not established and the existing COMMON disk will continue to be used by all new servants. Processing continues normally.

Action:

Address the problems indicated in previous messages and issue the CA VM:Director PRODUCT CONFIG command again. If a new COMMON disk is not necessary, no action is required.

0561E

MINIDISK *vaddr* NOT DEFINED WITHIN *system* CONFIGURATION

Reason:

You have attempted to manipulate a minidisk that is outside the CA VM:Director DASD definitions.

Action:

You cannot use CA VM:Director commands, other than EDIT, to manipulate minidisks outside the CA VM:Director configuration.

0562E

MINIDISK *vaddr* NOT *action*, CURRENTLY IN USE

Reason:

You have attempted to manipulate a minidisk that is currently being used by another user ID.

Action:

You can attempt to use the CA VM:Director DISPLINK command to list the user IDs currently using the minidisk. If appropriate, send them messages telling them you wish to perform maintenance for the minidisk. Try the CA VM:Director request again when no one is using the minidisk.

0563E

ERROR ACCESSING MINIDISK *vaddr*; MINIDISK IS NOT FORMATTED

Reason:

While attempting to manipulate a minidisk, CA VM:Director encountered an error accessing the minidisk.

Action:

Attempt to link and access the minidisk manually. The minidisk may require reformatting. If so, determine if the contents of the minidisk can be restored.

0564I

DO YOU WANT TO WAIT FOR MINIDISK FORMAT?

Reason:

You are manipulating a minidisk and have the option of not waiting for the minidisk to be formatted.

Action:

If you want to return to CMS while CA VM:Director completes your request, enter NO. If you would rather wait for your request to be completed by CA VM:Director, enter YES.

0565I

MINIDISK *userid vaddr* NOT DELETED

Reason:

The minidisk shown was not deleted. Additional messages indicate why this happened.

Action:

Respond to the appropriate messages indicating why the minidisk was not deleted.

0566I

MINIDISK *vaddr* SCRATCHED

Reason:

The minidisk at the address specified was deleted.

Action:

None.

0567E

SERVANT FACILITY REQUIRES AN ACCESS RECORD FOR THE COMMON DISK

Reason:

During CA VM:Director initialization or processing the CA VM:Director CONFIG AUTHORIZ command, CA VM:Director determined that you have specified a SERVANT ON record without an ACCESS record for the COMMON minidisk.

Action:

If the CA VM:Director COMMON minidisk already exists, add an ACCESS record to the PRODUCT CONFIG file for it. If the CA VM:Director COMMON minidisk does not exist, turn the Servant facility off by specifying SERVANT OFF in the PRODUCT CONFIG file. If necessary, start CA VM:Director. Enter the CA VM:Director MANAGE command to add the COMMON minidisk to CA VM:Director. The label must be COMMON. Bring CA VM:Director down and add both the SERVANT ON and the ACCESS COMMON records. Start CA VM:Director again.

0568I

SERVANT *servantid* HAS BEEN DELETED

Reason:

CA VM:Director has determined that this servant user ID is no longer needed.

Action:

None.

0569I

MINIDISK *userid vaddr* WAS DELETED AND WAS (or WAS NOT) FORMATTED

Reason:

You asked CA VM:Director to delete a minidisk. CA VM:Director has completed the deletion. The message indicates whether the minidisk space was formatted to erase files.

Action:

None.

0570I

DO YOU WANT TO FORMAT THE NEW (or OLD) MINIDISK TO ERASE ALL FILES?

Reason:

You have asked CA VM:Director to add or delete a minidisk. You can decide if the new or old minidisk is to be formatted to erase the files on the minidisk.

Action:

If you want the disk to be formatted, enter YES. If you do not want the minidisk to be formatted, enter NO.

0571I

DO YOU WANT TO FORMAT THE NEW (or OLD) MINIDISK?

Reason:

See message 0570I.

Action:

See message 0570I.

0572I

CANNOT LINK FOR FORMAT; SPECIFY NO TO FORMAT TO CONTINUE

Reason:

While attempting to link to a minidisk to be formatted, CA VM:Director encountered an error.

Action:

If you wish to continue the minidisk definition without formatting the minidisk, enter NO to the format question displayed. Otherwise, terminate the request.

0573E

CANNOT LINK FOR *action*; VOLUME *volser* IS OFFLINE

Reason:

While attempting to manipulate a minidisk, CA VM:Director was unable to obtain a link to the minidisk. Message 0211E or 0200E accompanies this message.

Action:

Read message 0211E or 0200E and look up the return code (from the CP LINK command) to determine why CA VM:Director could not obtain the link. Correct this situation and retry the command. If appropriate, determine why the volume is offline and attempt to have it brought online. Otherwise, make necessary changes to your command to utilize an online volume.

0574E

CANNOT SPECIFY MINIDISK LOCATION WITHOUT VOLSER

Reason:

You are attempting to either create or move a minidisk. You have specified the location on the volser for the minidisk but have not specified the volser.

Action:

Either fill in the volser for the minidisk or blank out the location to let CA VM:Director determine the volser and location.

0575W

CANNOT DETERMINE MINIDISK FORMAT

Reason:

You are attempting to manipulate a minidisk and CA VM:Director cannot determine if the disk is CMS or OS formatted. This is a warning message. CA VM:Director continues processing if possible.

Action:

If processing fails, attempt to link and access the minidisk. The minidisk may require reformatting. If so, determine if the contents of the minidisk can be restored.

0576I

MINIDISK *userid vaddr* WAS MOVED; NOW *percent* FULL

Reason:

CA VM:Director has completed moving a minidisk as you requested.

Action:

None.

0577I

MINIDISK *userid vaddr* WAS NOT MOVED

Reason:

The minidisk shown was not moved. You may have canceled the move, or there may be additional messages indicating why the move was not done.

Action:

Read the explanations for the additional messages.

0578I

MINIDISK *userid vaddr* WAS NOT DEFINED

Reason:

The minidisk shown was not defined. You may have canceled the definition, or there may be additional messages indicating why the definition did not complete.

Action:

Read the explanations for the additional messages.

0579I

FORMATTING NEW (or OLD) *vaddr* MINIDISK. SIZE IS *size*, DEVICE IS *type*

Reason:

A minidisk is being created, deleted, or moved. It will be the indicated size and will be located on the indicated device type.

Action:

None.

0580I

COPYING *number* FILES

Reason:

A minidisk is being moved. The listed number of files is being moved along with it.

Action:

None.

0581E

VOLUME *volume* IS NOT AVAILABLE; MINIDISK CANNOT BE MOVED THERE

Reason:

A DASD volume was selected for moving a minidisk, and that DASD volume is offline.

Action:

Attempt the move again, specifying another DASD volume. If you are letting CA VM:Director determine the volume for you, the DASD volume in question may need to be logically mounted to your VM system; for details, see the documentation on the CP ATTACH operator command.

0582I

MOVING *userid vaddr* FROM *volume location* TO *volume location*

Reason:

The DDR utility is being used by CA VM:Director to move a minidisk from one volume to another. CA VM:Director uses DDR when the new minidisk is the same device type and the same size, with the same CMS label and block size.

Action:

None.

0583I

MINIDISK *vaddr* IS NOT CMS FORMATTED, YOU CAN ONLY CHANGE THE LOCATION

Reason:

You have selected a non-CMS minidisk to be moved. You can only specify a new volume and location for the minidisk movement. The device type and size must remain the same.

Action:

None.

0584I

MINIDISK WILL BE MOVED TO ABOVE LOCATION; PRESS ENTER TO CONTINUE

Reason:

This message is displayed with other informational messages during minidisk movement.

Action:

If you want to proceed with the minidisk movement, enter any appropriate data on the screen and use ENTER to continue. If you want to cancel the minidisk movement, use PF3 to quit.

0585E

CANNOT MANAGE AN EMPTY *vaddr* MINIDISK

Reason:

You have selected one of the CA VM:Director minidisks for manipulation. CA VM:Director has determined that the minidisk is empty. CA VM:Director will not allow you to manage an empty CA VM:Director minidisk.

Action:

None.

0586E

ERROR *code* STARTING SERVANT

Reason:

CA VM:Director attempted to create and autolog a servant user ID. An error was encountered. Several additional messages may be displayed.

Action:

For assistance, contact Technical Support.

0587I

USERS LINKED R/O TO MINIDISK; PF3 TO QUIT

Reason:

You have selected a minidisk to be moved and CA VM:Director has determined that other user IDs are linked to the minidisk read-only.

Action:

If you want to move the minidisk anyway, enter any appropriate information and use ENTER. The old minidisk space will not be formatted and will be returned to the DASD free pool immediately. If you want to cancel the move, use PF3 to quit.

0588I

CURRENT SIZE OF MINIDISK IS *size*

Reason:

This is an informational message displayed during minidisk manipulations.

Action:

None.

0589I

USERS LINKED R/O TO MINIDISK; ENTER QUIT TO CANCEL MOVE

Reason:

You have selected a minidisk to be moved and CA VM:Director has determined that other user IDs are linked to the minidisk read-only.

Action:

If you want to move the minidisk anyway, enter any appropriate information and use ENTER. The old minidisk space will not be formatted and will be returned to the DASD free pool immediately. If you want to cancel the move, enter QUIT.

0590I

DEFAULT BLKSIZE IS *size*

Reason:

This is an informational message displayed during some CA VM:Director minidisk manipulations.

Action:

None.

0591I

DEFAULT MINIDISK LABEL IS *label*

Reason:

This is an informational message displayed during some CA VM:Director minidisk manipulations.

Action:

None.

0592I

DO YOU WANT TO WAIT FOR MINIDISK MOVE?

Reason:

You are manipulating a minidisk and have the option of not waiting for the minidisk to be moved.

Action:

If you want to return to CMS while CA VM:Director completes your request, enter NO. If you would rather wait for your request to complete, enter YES.

0593I

MINIDISK *userid vaddr* REDEFINED TO *volume location size*

Reason:

You have redefined a minidisk in place and the minidisk is now at the location and size mentioned.

Action:

None.

0594E

CANNOT CHOOSE SPECIFIC VOLUME OR LOCATION WITH * DEVICE TYPE

Reason:

You have entered information to place a minidisk on a specific volume. However, you specified * as the device type. To validate your request, CA VM:Director insists that you enter the correct device type of the volume shown.

Action:

Specify the correct device type for the volume shown.

0595I

PASSWORD CHANGE NOT DONE; BE PREPARED TO CHANGE AT NEXT LOGON

Reason:

During a password change at LOGON time, you entered LOGOFF. This cancels the password change and stops the LOGON process.

Action:

The next time you log on, you will be asked to change your password. Be prepared to change your password then.

0596E

FORMAT UTILITY *name* NOT FOUND. CANNOT FORMAT

Reason:

During minidisk manipulation, CA VM:Director could not find the indicated format utility. CA VM:Director cannot proceed without access to the utility.

Action:

Move the format utility referenced on the ALTERNAT FORMAT record in the PRODUCT CONFIG file to a publicly available minidisk. If you do not have the format utility listed on the ALTERNAT FORMAT record, take the record out of the PRODUCT CONFIG file and CA VM:Director will default to using CMS FORMAT.

0597E

PLEASE ENTER READ AND WRITE PASSWORDS ALONG WITH MULT PASSWORD

Reason:

You have attempted to define a MULT password for a minidisk without a READ or WRITE password.

Action:

Enter the READ, WRITE, and MULT passwords.

0598E

PLEASE ENTER A WRITE PASSWORD ALONG WITH YOUR MULT PASSWORD

Reason:

You have attempted to define a MULT password for a minidisk without a WRITE password.

Action:

Enter the WRITE and MULT passwords.

0599I

RUNNING IN TEST MODE, SERVANT FACILITY TURNED OFF

Reason:

You have initialized CA VM:Director with the TEST startup parameter and a SERVANT ON record in the PRODUCT CONFIG file. (The TEST startup parameter is no longer supported.) CA VM:Director cannot run in TEST mode with SERVANT ON so it turns the Servant Facility off.

Action:

If you want to run CA VM:Director in TEST MODE, you must turn the Servant Facility off in the PRODUCT CONFIG file.

0600I

AN ERROR IN A CA VM:Director MACRO HAS PREVENTED COMPLETION

Reason:

This is the first in a series of messages, 0600I through 0603I. A CA VM:Director macro has terminated abnormally because it detected an unexpected error condition. CA VM:Director routines have performed all necessary steps to clean up from the error. For most types of errors, message 1137E is issued to show the failing macro instruction. CA VM:Director sends messages 0600I through 0603I to let you know that the damage has been contained, and to encourage you to report the problem. The command is terminated. No other CA VM:Director process is affected.

Action:

If you can reproduce the error successfully, spool your console and trace the macro using the CA VM:Director TRACE MACRO * command. Look at the console and follow the execution of the macro. If the error does not appear to come from any local files involved or local modifications to the macro, report the problem to Technical Support.

0601I

OF YOUR REQUEST. THERE IS NO DAMAGE TO THE SYSTEM OR TO

Reason:

This message is part of a series of messages that begins with message 0600I.

Action:

See the explanation of message 0600I.

0602I

YOUR USERID. PLEASE REPORT THE MESSAGES YOU RECEIVED TO

Reason:

This message is part of a series of messages that begins with message 0600I.

Action:

See the explanation of message 0600I.

0603I

YOUR SYSTEM ADMINISTRATOR

Reason:

This message is part of a series of messages that begins with message 0600I.

Action:

See the explanation of message 0600I.

0604E

CONFLICTING STARTUP PARAMETERS: *parameter1 parameter2*

Reason:

You have used two startup parameters for CA VM:Director that cannot be used together.

Action:

Remove one of the startup parameters and start CA VM:Director again.

0605E

MANAGER ID *managerid* DOES NOT HAVE ANY SUBPOOLS DEFINED FOR ITS USE

Reason:

You attempted to use the Automatic Minidisk Allocation feature for manipulating new minidisks, but there are no subpools defined for your *managerid*.

Action:

Define subpools for *managerid* in the VMDIRECT MANAGERS file.

0606E

NO SUBPOOLS ARE DEFINED IN YOUR CA VM:Director CONFIGURATION

Reason:

You have attempted to manipulate minidisks, but no subpools are defined in your DASD CONFIG file.

Action:

Define subpools in your DASD CONFIG file.

0607E

NO VOLUMES ARE DEFINED IN THE *subpool* SUBPOOL (LISTS)

Reason:

You defined a subpool but did not use the subpool name on any of the EXTENT records for any volumes.

Action:

Specify the subpool on one or more of the EXTENT records for the volumes defined in your DASD CONFIG file.

0608E

VOLUME *volume* WAS NOT FOUND IN SUBPOOL *subpool*

Reason:

The specified volume does not have any EXTENT records defined that allow its inclusion in subpool *subpool*.

Action:

Either choose a volume that is part of the desired subpool, or include this volume in the subpool by entering the subpool name on an associated EXTENT record.

0609E

TOO MANY (or FEW) RPS PARAMETER VALUES WERE ENTERED ON DEVTYPE RECORD FOR DEVICE *device*

Reason:

You defined a DEVTYPE record in your DASD CONFIG file for a previously unsupported device type and included an incorrect number of Rotational Position Sensing (RPS) values.

Action:

For this device to support the online directory, RPS values are required. The number required is equal to the number of 4K pages available for each cylinder. If you encounter problems in determining the correct RPS values, please contact Technical Support.

0610E

YOU MUST SUPPLY A DEVICE TYPE; USE * FOR ANY DEVICE TYPE

Reason:

You have attempted to define a minidisk without specifying a device type.

Action:

Specify the device type of the minidisk you want to create. If you want CA VM:Director to pick the device type, use an asterisk (*). If you use an asterisk, then the size of the minidisk is assumed to be a number of 512-byte blocks.

0611I

YOUR LOGON PASSWORD HAS EXPIRED

Reason:

During your logon, CA VM:Director has determined that your password has expired and must be changed.

Action:

You will be prompted for a new password. Enter your new password.

0612E

***type* PASSWORD CANNOT CONTAIN BLANKS**

Reason:

You entered a password that contains blanks. CA VM:Director does not allow this.

Action:

Enter a password that does not contain blanks.

0613E

ERROR *code* COPYING FILES TO NEW DISK

Reason:

CA VM:Director encountered the listed error code while trying to copy files to a new minidisk.

Action:

For an explanation of the error code, see the IBM documentation for the CMS COPYFILE command. If you have configured an alternate copy program with the ALTERNAT COPYFILE configuration file record, see the documentation for that program or product for the explanation of the error code.

0614E

THE *fieldname* FIELD IS BLANK. PLEASE ENTER DATA IN THE FIELD.

Reason:

You have either blanked out or failed to fill in a field on a CA VM:Director screen. CA VM:Director requires information in that field to continue.

Action:

Enter the appropriate data in *fieldname*.

0616W

TEMPORARY EDIT FILE '*filename* CMSUT3 *filemode*' WAS MOVED TO THE A-DISK

Reason:

During initialization, CA VM:Director found a temporary edit file. This file represents a source directory entry that CA VM:Director was updating at the time of a system failure. CA VM:Director moves the file to its A-disk. The original source directory entry remains on the CA VM:Director DRCT minidisk.

Action:

Examine the temporary edit file on the CA VM:Director A-disk. Compare the contents of that file with the directory entry for the user ID (*filename* is also the user ID). If the changes are still desired, use the appropriate CA VM:Director command to make the change.

0617E

DDR FAILED WITH RC= *code* WHILE ATTEMPTING TO MOVE THE *vaddr* DISK.

Reason:

While attempting to move a minidisk with DDR, CA VM:Director received a nonzero return code from DDR. CA VM:Director decided to use DDR because the size, device type, block size and CMS label of the minidisk were not being changed.

Action:

Refer to the IBM documentation on CP commands for information about DDR return codes. To move the minidisk without using DDR, change one or more of the following minidisk attributes as part of the move: size, device type, block size, or CMS label.

0618E

ERROR *code* ERASING FILE '*filename* CMSUT3 *filemode*'.

Reason:

During initialization, CA VM:Director found a temporary edit file for the indicated file name. While attempting to erase this temporary file, CA VM:Director received a nonzero return code from the CMS ERASE command. CA VM:Director initialization fails.

Action:

Erase the CMSUT3 file on the CA VM:Director A-disk and start CA VM:Director again.

0619E

ERROR *code* COPYING FILE '*filename* CMSUT3 *filemode*'.

Reason:

During initialization, CA VM:Director found a temporary edit file for the indicated file name. CA VM:Director was attempting to copy this temporary file to the CA VM:Director A-disk and received a nonzero return code from the CMS COPYFILE command. CA VM:Director initialization fails.

Action:

Erase the CMSUT3 file on the CA VM:Director A-disk and start CA VM:Director again.

0620W

TEMPORARY EDIT FILE '*filename* CMSUT3 *filemode*' WAS ERASED.

Reason:

During initialization, CA VM:Director found a temporary edit file for the indicated file name. CA VM:Director erased this file, since it was no longer needed. CA VM:Director initialization continues.

Action:

None.

0621E

UNEXPECTED RETURN CODE *code* FROM *command*

Reason:

CA VM:Director attempted to invoke a CMS command or CA VM:Director primitive or macro and received a nonzero return code.

Action:

Refer to the CMS command reference or the appropriate CA VM:Director guide for more information about return codes. Spool your console and trace the command macro by entering the CA VM:Director TRACE MACRO * command. If the command is an alternate for the CMS COPYFILE command, update the PRODUCT CONFIG file to use COPYFILE instead.

0622E

SERVANT *userid* DID NOT CONNECT IN TIME

Reason:

CA VM:Director attempted to create a new servant user ID and the servant did not connect to CA VM:Director in the allotted time. The amount of time CA VM:Director waits for the servant to connect is given on the SERVANT record in the PRODUCT CONFIG file. The number of seconds listed on this record may be too small for your system. Alternatively, there may be reasons why the servant user ID could not properly invoke the communications module on the CA VM:Director COMMON minidisk.

Action:

Increase the amount of time CA VM:Director will wait for a servant to connect. Make sure that the servant user ID can link to the CA VM:Director COMMON minidisk. Test the modules on the COMMON minidisk by linking and accessing the COMMON minidisk yourself and invoking the modules.

0623E

SERVANT *userid* RECEIVED RETURN CODE *code* FROM *autocommand*

Reason:

CA VM:Director attempted to create a new servant user ID and the autocommand failed with the listed return code. The autocommand is used to autolog the servant user ID.

Action:

Refer to the IBM documentation on commands for more information about the autocommand return codes. Make sure CA VM:Director has the appropriate CP privilege class to perform the command. If you have additional security software, make sure CA VM:Director is authorized to autolog any possible servant user IDs.

0624I

DO YOU WANT TO FORMAT THE USER'S MINIDISK(S) TO ERASE FILES?

Reason:

You have asked to scratch a minidisk.

Action:

Enter YES to erase the files on the scratched minidisk. Enter NO if you do not want to erase the files on the scratched minidisk.

0625E

TOO MANY SERVANTS IN USE, COMMAND CANNOT BE EXECUTED.

Reason:

CA VM:Director attempted to create a new servant user ID and could not because the maximum number of servants specified on the SERVANT record in the PRODUCT CONFIG file has been reached.

Action:

Wait for one of the processes to complete, freeing a servant, and try the command again. If appropriate, use the CA VM:Director CONFIG command to edit the PRODUCT CONFIG file and raise the maximum number of servants allowed on the SERVANT record. FILE the change and try the command again.

0626E

LOCATION *location* ON VOLUME *volume* IS NOT DEFINED IN SUBPOOL *subpool*

Reason:

The location specified is not part of an extent defined for inclusion in this subpool.

Action:

Choose a location that is already defined in this specific subpool, or define the location listed above in the subpool.

0627I

USER *userid* HAS *number system* CONTROLLED MINIDISK(S)

Reason:

You attempted to delete this *userid* and some of its minidisks are not controlled by CA VM:Director. This message appears only if there are some minidisks that are not controlled by CA VM:Director.

Action:

None.

0628E

EXTENT DEFINED IN AREA BEYOND SIZE DEFINED FOR DEVICE TYPE

Reason:

The EXTENT record defines a location that is larger than the size supported for this device type.

Action:

Either choose a device name defining a device type of an appropriate size or define the EXTENT to fit within the size that can be allocated for the device type.

0629E

FILE *filename filetype* ALREADY EXISTS ON YOUR 'A' MINIDISK

Reason:

You attempted to save a file on your 191-disk, but a file with that file name and file type already exists.

Action:

Determine if you want to save this file as another name, or rename or overwrite the existing file.

0630E

PLEASE ERASE OR RENAME THIS FILE AND REISSUE THE *command* COMMAND

Reason:

This message follows message 0629E.

Action:

Correct the error causing message 0629E by erasing or renaming the file and enter the indicated command again.

0631E

THE NAME *name* ON THE *type* RECORD MUST MATCH THE FILENAME OF THE DIRECTORY ENTRY

Reason:

You tried to replace or create a user ID from a directory entry on your minidisk. However, the name on the profile or user record within the entry must match the file name of the directory entry.

You cannot change the name of the user or profile using this method.

Action:

Make the name on the indicated record the same as the file name of the entry.

0632E

MANAGER *managerid* WAS NOT FOUND IN THE MANAGERS FILE

Reason:

The manager ID that you specified is not defined in the MANAGERS file.

Action:

Add the manager ID to the MANAGERS file or use a valid manager ID.

0633E

ONE OR MORE ERRORS WERE DETECTED WHILE PROCESSING THE UPDATE OF USERID *userid*

Reason:

This message appears after other error messages have been displayed.

Action:

Correct the other errors that are displayed.

0634E

DIRECTORY PROFILE LINKS ALREADY EXIST FOR DEVICE *device*

Reason:

You tried to add or create a minidisk and one or more directory profiles already refer to the indicated device.

Action:

Change the device address or change the address used by the directory profile. Update directory profiles by using the CA VM:Director ADMIN PROFILE command.

0635E

YOU ARE NOT A MANAGER AND HAVE NO SUBPOOLS THAT YOU ARE AUTHORIZED TO USE

Reason:

You tried to create a minidisk but are not designated as a manager. Only managers can create minidisks.

Action:

Either have the appropriate manager create the minidisks that you need or have your system administrator designate you as a manager.

0636E

ANYPOOL AUTHORIZATION IS REQUIRED TO ALLOCATE FROM SUBPOOL *subpool*

Reason:

You have attempted to allocate space from a subpool that you are not authorized to use, according to the MANAGER record in the MANAGERS file. To do this requires that you have ANYPOOL authorization.

Action:

Contact your system administrator for ANYPOOL authorization or use a subpool for which you are authorized.

0637E

THE MINIDISK SIZE (or LOCATION) MUST BE AN INTEGER NO LONGER THAN 10 DIGITS

Reason:

While creating or changing a minidisk, you entered a size or location that is longer than ten digits.

Action:

Correct the size or location and enter the command again.

0638E

A MINIDISK SIZE OF 0 IS NOT ALLOWED

Reason:

You specified a minidisk size of 0 while allocating a minidisk.

Action:

Specify a correct minidisk size (not over ten digits) and enter the appropriate command again.

0639E

YOU ARE NOT AUTHORIZED TO *process* A CACHED DEVICE

Reason:

Modifying minidisk space on a cached device requires the special CACHED authorization.

Action:

Contact your system administrator for authorization.

0640E

THE *parameter* PARAMETER MAY NOT BE SPECIFIED FOR A MINIDISK ON *disktype*

Reason:

You specified one of the following for an allocation on T-DISK or V-DISK:

- A volume serial number, location, mode, or password parameter for a temporary disk (T-DISK)
- A volume serial number or location for a virtual disk (V-DISK)

These parameters are not allowed.

Action:

Either remove the indicated parameter or use permanent space instead of T-DISK or V-DISK.

0641E

DDR FAILED WITH RC=*rc* DURING COMPRESS.

Reason:

The COMPRESS command attempted to use the CMS DDR command to move a minidisk while compressing an extent and it failed with the indicated return code. The COMPRESS command terminates immediately and does not try to move any more minidisks. The original minidisk that failed to be moved is still usable at its original location.

Action:

Using the specified return code, identify and correct the problem with the DDR command. Then retry the COMPRESS command to complete the job.

0642E

THE SPECIFIED LINK MODE *mode* IS INVALID

Reason:

You tried to manipulate a minidisk but entered an incorrect link mode. Valid link modes are R, RR, W, WR, M, MR, and MW; any of these link modes can be followed by the suffixes V, VS, or VE.

Action:

Enter the correct link mode and enter the command again.

0643E

EXTRA PARAMETERS *parameters* WERE ENTERED AND ARE NOT ALLOWED

Reason:

You have included more values on the command line than are permitted for that command.

Action:

Check the command syntax and enter the command again.

0644E

NOWAIT OPTION SPECIFIED BUT THE SERVANT FACILITY IS NOT ACTIVE

Reason:

You tried to manipulate a minidisk and specified the NOWAIT option; however, the required servant facility is not active.

Action:

Either remove the NOWAIT option from your command, or activate the Servant Facility and enter the command again.

0645E

A VALUE IS REQUIRED FOLLOWING THE *option* OPTION

Reason:

You specified an option keyword in your command that requires an associated value that you did not provide.

Action:

Specify a value and enter the command again.

0646E

THE SPECIFIED BLOCKSIZE *size* IS INVALID

Reason:

You entered an invalid block size. Valid block sizes are 512, 1024, 2048, 4096, 1K, 2K, and 4K.

Action:

Specify a valid block size and enter the command again.

0647E

THE WAIT AND FORMAT OPTIONS MAY NOT BE SPECIFIED FOR A MINIDISK ON *disktype*

Reason:

You entered a WAIT or FORMAT option, which both refer to formatting minidisk space. Temporary or virtual disks (T-DISKs and V-DISKs) cannot be formatted during minidisk allocation.

Action:

Either eliminate the options or use permanent space for the minidisk.

0648E

THE NOWAIT OPTION MAY NOT BE SPECIFIED WITH THE STACK OR FILE OPTIONS

Reason:

The NOWAIT option causes the process to disconnect from the issuing user ID. The STACK and FILE options require communication with the issuer to place data in the stack or CMS file.

Action:

Eliminate either the NOWAIT option or the STACK or FILE options.

0649I

THE OWNING MANAGER OF *userid1 IS userid2* AND ITS ALLOCATION LIMITS WILL BE REFERENCED

Reason:

You are creating or moving a minidisk belonging to *userid1* and are not the user's owning manager, *userid2*. Disk space allocations are always attributed to the owning manager's allocation limits. This message indicates that when allocation limits are checked to ensure the new minidisk will not exceed them, the limits will be those of *userid2*, the owning manager. If the owning manager's limits are exceeded, you may still be allowed to override them if you do not have an allocation limit ('*') in the MANAGER record in the VMDIRECT MANAGERS file. If so, you will receive message 676I.

Action:

None.

0650I

ITS SIZE OF *size* WAS CALCULATED USING A BLOCKSIZE OF *blocksize* AND IT IS LOCATED ON *devicetype* (T-DISK or V-DISK).

Reason:

CA VM:Director created a new minidisk. This message follows message 0552I.

Action:

None.

0651I

USERS LINKED R/O TO *userid vaddr* MINIDISK

Reason:

You attempted to move a minidisk and one or more users have linked read-only to the minidisk. If you have move read-only capability, processing will continue but the minidisk will not be scratched.

Action:

Use the DISPLINK command to determine who is linked, if necessary.

0652W

ACCESS OF MINIDISK *userid vaddr* FAILED; MINIDISK IS EMPTY AND READ ONLY

Reason:

Information about this minidisk was not available because the minidisk is empty and cannot be accessed.

Action:

Verify that you are manipulating the proper minidisk.

0653E

INFORMATION ABOUT THE *userid vaddr* MINIDISK NOT AVAILABLE; RETURN CODE *code* FROM *command*

Reason:

Information about this minidisk was not available and the specified return code was issued by the command shown.

Action:

For the LINK and ACCESS commands, check the IBM documentation for information on the return code. For the QRYDISK command, previous error messages should explain the problem in more detail.

0654I

INPUT PARAMETERS RESULTED IN NO NEW VALUES. MINIDISK *userid vaddr* REMAINS UNCHANGED

Reason:

Evaluation of the input parameters revealed no differences from the minidisk's current definition. The attempted change fails.

Action:

Verify that this is what was expected.

0655E

MINIDISK *userid vaddr* NOT MOVED; SPACE ON *volser* AT location IS CURRENTLY LINKED BY ANOTHER USERID

Reason:

The system tried to allocate space that CA VM:Director previously had shown available. However, users still have links to this new space and the minidisk cannot be moved.

Action:

Attempt allocation again by using a new location.

0656I

MINIDISK *userid vaddr* HAS HAD ITS LINK MODE AND/OR PASSWORDS UPDATED

Reason:

The CA VM:Director CHGMDISK command was used to change either the link mode or the passwords, or both, for the specified minidisk without moving the minidisk.

Action:

Verify that you did not want or need the minidisk to be physically moved.

0657I

ALLOCATION – SUBPOOL: *subpool,* VOLUME: *volume,* DEVICE: *devicetype*, LOCATION: *location,* SIZE: *size units*

Reason:

This message follows message 0552I.

Action:

None.

0658I

ITS SIZE WAS CALCULATED USING A BLOCKSIZE OF *size* AND WILL HAVE A LINK MODE OF *mode*

Reason:

This message follows message 0657I.

Action:

None.

0659E

ENTRY *entry* MUST BE RETRIEVED USING THE LOCK OPTION OF GETENTRY BEFORE USING REPENTRY TO REPLACE IT

Reason:

You attempted to use the REPENTRY command but the entry had not been previously locked.

Action:

Use the GETENTRY command with the LOCK option, make the appropriate updates, and enter the REPENTRY command again.

0660E

ENTRY *entry* WAS PREVIOUSLY RETRIEVED FOR UPDATE BY *userid*

Reason:

You attempted to use the GETENTRY command but the entry was previously locked by the indicated *userid.*

Action:

Wait for the indicated *userid* to complete the update and enter the command again.

0661I

entrytype* ENTRY *name* HAS BEEN SUCCESSFULLY *processed

Reason:

You entered the ADDENTRY or the REPENTRY command and CA VM:Director successfully created or replaced a PROFILE, USER, IDENTITY, or SUBCONFIG directory.

Action:

None.

0662E

MINIDISK *userid vaddr* IS A *disktype* AND MAY NOT BE MOVED TO OR FROM PERMANENT SPACE.

Reason:

You have attempted to move a minidisk defined in system temporary disk (T-DISK) or virtual disk (V-DISK) space, which is not allowed. You can change only the size and device type of T-DISK and V-DISK.

Action:

Change only the size or the device type of the T-DISK or V-DISK and enter the command again.

0663I

THE *disktype* MINIDISK *userid vaddr* WAS REDEFINED.

Reason:

You changed the size or the device type of the temporary disk (T-DISK) or virtual disk (V-DISK).

Action:

None.

0664I

IT WAS *number units* LOCATED ON *devicetype disktype*

Reason:

You deleted a minidisk defined in system temporary disk (T-DISK) or virtual disk (V-DISK) space. This message shows information about the old T-DISK or V-DISK. This message is associated with the minidisk referenced in message 0569I.

Action:

None.

0665I

IT WAS *number units* LOCATED AT *location* ON VOLUME *volume*, A *devicetype* DEVICE

Reason:

You deleted a permanent minidisk and this is the informational message showing where the minidisk was located.

Action:

None.

0666E

INVALID CHANGE OF DEVICE TYPE FOR VOLUME *volser*

Reason:

You have attempted to change the device type of an existing volume using the CA VM:Director CONFIG DASD command. While you can change the logical name of the device type to what it may be defined as on a DEVTYPE record in the DASD CONFIG file, you cannot change the true underlying device type. You can either correct the error or ignore any changes you were making.

Action:

Select the appropriate response and continue. If you choose to correct the error, you must specify a device type name that resolves to the original true device type of the volume.

0667E

minidisk* CANNOT HOLD THE CONTENTS OF MINIDISK *minidisk

Reason:

You attempted to move a minidisk to a smaller one and the new minidisk is not large enough to hold the contents of the old one.

Action:

Increase the size of the new minidisk and repeat the function.

0668W

SIZE VALIDATION CANNOT BE PERFORMED ON MINIDISKS BLOCKED DIFFERENTLY

Reason:

You are attempting to move a minidisk to a new one. However, you specified that CA VM:Director block the new minidisk differently from the old one. CA VM:Director cannot validate whether the contents of the old minidisk will fit on the new minidisk.

Action:

If you are sure that the move will be successful, continue to move the minidisk. If you are not sure, quit out of the function and re-evaluate the function parameters. If you want CA VM:Director to perform the validation, block the new minidisk identical to the old.

0669E

TEMPORARY VIRTUAL ADDRESSES IN THE RANGE *nnnn* TO *nnnn* ARE NOT AVAILABLE.

Reason:

While attempting to allocate a new minidisk for use as a servant COMMON disk, the allowable range of virtual addresses was exhausted. Normally, the range of addresses for this use on the CA VM:Director server is 600 to 6FF. This means that minidisks have been allocated at all the addresses in that range. Some of these addresses could also be minidisks that were moved while read-only links to them existed. This message is followed by 0560E.

Action:

Enter the CA VM:Director RECLAIM command to deallocate all minidisks in the 600-6FF range. See message 0560E for more information.

0670E

ADDMDISK COMMAND FOR NEW COMMON DISK FAILED WITH RC=*nnnnnn*.

Reason:

While allocating a new disk for the servants' COMMON disk, an unexpected error occurred in the CA VM:Director ADDMDISK command. The return code in the message is from that command.

Action:

A new COMMON disk is not allocated. Refer to the documentation for the CA VM:Director ADDMDISK command for details in addressing the problem. This message is followed by message 0560E. See that message's description for more details.

0671E

LINK TO NEW COMMON DISK FAILED WITH RC=*nnnnnn*.

Reason:

A new minidisk was allocated for the servants' COMMON disk but could not be linked for initializing. The return code is from the CP LINK command. This message is followed by message 0560E. Execution continues normally.

Action:

Refer to the documentation for the CP LINK command to interpret the return code and resolve the problem. See message 0560R for more information.

0672I

THE SERVANT FACILITY IS ACTIVE. ATTEMPTING TO CREATE A NEW COMMON DISK.

Reason:

The SERVANT record in the PRODUCT CONFIG file indicates that the facility should be turned on. CA VM:Director will allocate and initialize a new COMMON disk to incorporate any changed files that are to be used by the servant virtual machines. This ensures that the data on the current COMMON disk in use by active servants is not corrupted. A new disk is created every time the CA VM:Director CONFIG PRODUCT command is used and the Servant Facility is turned on whether any changes to the contents of the COMMON disk have been made or not.

Action:

None. Additional messages will report on the success of the attempt to allocate this new disk.

0673E

DELMDISK COMMAND FOR OLD COMMON DISK FAILED WITH RC=*nnnnnn*.

Reason:

While releasing an old disk used for the servants' COMMON disk, an unexpected error occurred in the CA VM:Director DELMDISK command. The return code is from that command.

Action:

The old COMMON disk is not reclaimed. Refer to the documentation for the CA VM:Director DELMDISK command For details in addressing the problem. Use the CA VM:Director RECLAIM command to try to reclaim all old COMMON disks later.

0674E

THE PERMANENT COMMON DISK COULD NOT BE INITIALIZED.

Reason:

Processing the CONFIG PRODUCT command includes initializing the permanent COMMON disk for use as the servant's 191 A-disk. Previous messages indicate why the initialization of this disk failed. The Servant Facility cannot be activated without a COMMON disk. Current configuration records require the Servant Facility to be activated, so initialization fails.

Action:

Address the problems indicated in the previous messages and attempt to initialize CA VM:Director again.

0675W

A NEW COMMON DISK COULD NOT BE INITIALIZED. PROCESSING CONTINUES USING THE EXISTING DISK.

Reason:

Processing the CONFIG PRODUCT command includes allocating and initializing a new COMMON disk for use as the servant's 191 A-disk. Previous messages indicate why the allocation or initialization of this disk failed. This message indicates that a new disk was not established and the existing COMMON disk will continue to be used by all new servants. Processing continues normally.

Action:

Address the problems indicated in the previous messages and issue the CONFIG PRODUCT command again. If a new COMMON disk is not necessary, no action is required.

0676I

***issuer*'S ALLOCATIONS ARE NOT LIMITED. OVERRIDING OWNING MANAGER'S LIMITS.**

Reason:

You have requested that minidisk space be allocated for a user, but that user's owning manager has exceeded his or her allocation limit. Previous messages identify the owning manager and the limit that was exceeded. Normally this would prevent the allocation from occurring. However, your limit is defined as '*' in the VMDIRECT MANAGERS file, which means you have no allocation limit. In this case, the allocation is allowed to succeed and the owning manager's limits are overridden. The actual allocation is still added to the owning manager's current allocations, thus exceeding the limit by even more.

Action:

None is required. It should be noted that the owning manager's allocations continue to increase. You may want to increase that manager's limit, assign some of its users to other managers, or delete minidisks from users to decrease that manager's current allocation.

0677E

***devtype* MUST BE SPECIFIED; NO DEFAULT DEVTYPE FOR MANAGER *userid*.**

Reason:

An attempt was made to use the ADDMDISK command but a default DEVTYPE was not defined for this manager, and DEVTYPE was not specified on the command line.

Action:

Specify DEVTYPE with the command, or give the manager a default DEVTYPE using the ADMIN MANAGERS command.

0679I

FILE *filename filetype* HAS BEEN COPIED TO YOUR A-DISK (or RDR)

Reason:

You have used a command such as CA VM:Director GETENTRY to get a copy of a directory entry or other file that you can modify from your own user ID. For GETENTRY, the file name is the user ID or profile name of the directory entry you requested and the file type is always DIRECT. The default destination is your A-disk, but you can specify that the file be sent to your virtual reader queue.

Action:

None.

0680E

filename filetype* IS ALREADY LOCKED BY *userid

Reason:

The file that you have attempted to lock has already been locked by the indicated *userid*.

Action:

Enter the command again without the LOCK option, if appropriate, or wait for the other user ID to release the file.

0681E

FILE *filename filetype filemode* DOES NOT EXIST

Reason:

You specified an incorrect file ID, or the file does not exist on any of the accessed minidisks.

Action:

Verify that the file ID is correct and exists on an accessed device and enter the command again.

0682E

FILE *filename filetype filemode* HAS ALREADY BEEN LOCKED BY *userid*

Reason:

The CA VM:Director file that you have attempted to lock has already been locked by the indicated *userid*.

Action:

Enter the appropriate command again without the LOCK option, if appropriate, or wait for the other user ID to release the file.

0683I

FILE *filename filetype filemode* IS NOW LOCKED

Reason:

You have issued a command such as GETENTRY that has placed a lock on a directory entry or some other file. This will prevent any other user from making any updates to that directory entry or file until you have released this lock. This can be done using the CA VM:Director UNLOCK command or the CA VM:Director REPENTRY command if you got the lock with the CA VM:Director GETENTRY command.

Action:

Verify that you do indeed need this lock. If not, issue the CA VM:Director UNLOCK command for this file.

0684E

***type name* IS NOT LOCKED**

Reason:

You have entered the UNLOCK command for a user ID or profile that is not locked.

Action:

Verify that you are attempting to unlock the correct user ID or profile.

0685E

FILE *filename filetype filemode* IS NOT LOCKED

Reason:

You have issued the UNLOCK command for a file that is not locked.

Action:

Verify that you are attempting to unlock the correct file ID.

0686I

FILE *filename filetype filemode* IS NOW UNLOCKED

Reason:

You have issued a command such as REPENTRY or UNLOCK that has released a lock on a directory entry or some other file. Other users may now make updates to that directory entry or file.

Action:

None.

0687E

YOU MUST USE LOCK USER OR LOCK PROFILE TO LOCK A USERID OR PROFILE

Reason:

You issued an incorrect form of the LOCK command to lock a user ID or profile.

Action:

Correct the command and try again.

0688I

HOWEVER, *number* MINIDISK(S) FAILED PROCESSING

Reason:

A directory entry has been created or updated but one or more minidisks for that entry were not successfully moved, added, or deleted. This message follows message 0661I and one or more error messages.

Action:

Correct the errors listed in the previous error messages. Use the CHGMDISK, ADDMDISK, or DELMDISK commands to update the minidisks that failed during the previous command.

0690E

A USERID VALUE IS REQUIRED FOLLOWING THE MANAGER OPTION

Reason:

You specified the MANAGER option but did not enter the required user ID value.

Action:

Supply the appropriate user ID to be the manager and enter the command again.

0693E

LOGONBY INFORMATION IS NOT AVAILABLE FOR USERID *userid*

Reason:

The QUERY BYUSER command was issued but the information requested could not be found. This error can be caused two different ways:

- The user ID was autologged. Because autologging does not support the BYUSER option, the LOGONBY information is not tracked.
- The user ID was logged on either through normal means or through LOGONBY. While the user ID was logged on, CA VM:Director ended at some point and the LOGONBY information was lost.

Action:

Do not autolog the user ID if you want to track future LOGONBY information.

0697I

MOVERO MINIDISK *action*: *vmxuserid vaddr*

Reason:

You entered the CHGMDISK command, MAINT MANAGE DISKMOVE command, or used selection 6 on the Manager Selection Menu to move a minidisk that was linked read-only by other user IDs. CA VM:Director will retain ownership of the old minidisk in the source directory until a user enters the RECLAIM command to return the ownership to free storage.

The variable *action* indicates that the minidisk was added. The variable *vmxuserid* is the user ID of the CA VM:Director service virtual machine. The variable *vaddr* is the virtual address of the minidisk in the service virtual machine's source entry.

Action:

None.

0698E

THE *option* OPTION MAY NOT BE SPECIFIED WITH THE *option* OPTION

Reason:

You have entered a command with two or more mutually exclusive options. You cannot specify the indicated options together.

Action:

Remove one or both of the options and enter the command again.

0699W

THE PREVIOUS DIRECTORY EXTENTS HAVE BEEN UNALLOCATED. A SOURCE START IS REQUIRED

Reason:

CA VM:Director has detected that all cylinders of the DRCT space that contain the online directory are unallocated. There is no active online directory space. This may happen if the allocation information for the directory space has been altered by the CP Format/Allocate program while changing the DRCT space or while modifying some other area on the same DASD volume. This message will also occur if any space previously allocated to DRCT on the volume is re-allocated to some other type of space via the CA VM:Director CPFMTXA command or through CPFMTXA/ICKDSF outside of CA VM:Director.

Action:

If CA VM:Director is currently initializing, a source start is forced and initialization continues. A new online directory is created and activated. If not initializing, CA VM:Director terminates execution by abnormally terminating. A source start is required the next time CA VM:Director is started.

0700T

NO FREE DIRECTORY EXTENTS WERE FOUND ON VOLUME *volume* AT ADDRESS *vaddr*. INITIALIZATION HAS FAILED.

Reason:

The DRCT online directory space has been exhausted or an invalid allocation map was found on the specified volume. DRCT space must be large enough to contain two copies of the entire directory and must be properly allocated using the CP Format/Allocate program.

Action:

Increase the size of the DRCT space on the specified volume and/or make sure that it is properly allocated. Use the information displayed during CA VM:Director initialization to determine the amount of space required. Additional DRCT extents may be added that are not contiguous to the existing space. Refer to the *Administration Guide* For more information on expanding the size of the online directory.

0701I

INITIALIZATION OF THE DIRECTORY ON ALTERNATE VOLUME *volume* AT ADDRESS *vaddr* WAS SUCCESSFUL.

Reason:

CA VM:Director was started with the optional function of creating a directory on the indicated alternate volume. That function was completed successfully, and the alternate volume contains a functional directory. This alternate volume may be used as an emergency backup for the current online directory.

Action:

CA VM:Director terminates normally. It may be started again without the ALTVOL startup option for normal operations using the existing online directory. To use the directory just created on the alternate volume, you must re-IPL the VM system from the alternate volume or make sure that the directory on the alternate volume is the first one found during VM initialization.

0702I

THE LABEL OF THE *userid vaddr* MINIDISK HAS BEEN CHANGED FROM *label1* TO *label2*.

Reason:

CA VM:Director has successfully changed the label of the indicated minidisk.

Action:

None.

0703E

ERROR CODE *code* FROM FORMAT COMMAND WHILE CHANGING LABEL OF *userid vaddr* MINIDISK.

Reason:

CA VM:Director returned the indicated error code while changing the label of the indicated minidisk.

Action:

Look up the error code for the CMS FORMAT command and take the appropriate action.

0704E

***passwordtype1* PASSWORD SPECIFIED FOR *userid vaddr* MINIDISK REQUIRES *passwordtype2* PASSWORD(S).**

Reason:

You specified a positional password that requires that all previous passwords are also provided.

Action:

Provide the indicated passwords.

0705E

RANGE OF POOL MEMBERS IS INVALID. USER *userid* ALREADY EXISTS

Reason:

You created or updated a pool's definition entry and have specified a range of pool members that overlaps an existing *userid*'s name. The numbers on the POOL directory statement specify a range of numbers that are used as suffixes when generating the names of the pool members to be defined by CA VM:Director. None of the generated user IDs may coincide with the name of an existing non-pool member user ID. CA VM:Director does not create or update any pool members.

Action:

Either modify the numbers specifying the range on the POOL directory statement or change or delete the user ID that already exists.

0706I

VMXGNR IS RUNNING ON CPUID = *cpuid-cpumodel* USING SYSTEM AFFINITY NAME = *affinity*

Reason:

This message informs you which system affinity name will be used while VMXGNR processes the source directory records. This allows you to verify that VMXGNR is processing records for the correct machine. If no DIRECTORY records contain the CPUID and system affinity name parameters, this message is not issued.

Action:

None.

0707E

SPECIAL *authorization* AUTHORIZATION IS REQUIRED TO USE THE *option* OPTION

Reason:

You have specified an option on a command that requires special authorization. The option may be valid without that special authorization when you use it with different combinations of parameters or options. However, the values you entered on this command are not valid without special authorization. The command is terminated with an error code.

Action:

Enter the command again using different parameters or values associated with the option, as appropriate. If necessary, assign the required special authorization by putting the appropriate GRANT statement in the AUTHORIZ CONFIG file.

0708I

TOTAL NUMBER OF PAGES AVAILABLE IN SUBPOOL *subpoolname* IS *number*

Reason:

A user has entered the DEBUG STOREUSE command. This message will be issued to inform the user how many 4K pages are available for use in the indicated subpool.

Action:

None. This information may be needed by Technical Support when trying to resolve a customer problem.

0710E

MANAGER *managerid* STILL HAS USERIDS DEFINED ON THE *minidisk* DISK

Reason:

CA VM:Director cannot remove or put the indicated manager on hold because user IDs are still assigned to this *managerid*. These user IDs reside on the DRCT or HOLD minidisks.

Action:

Use the CA VM:Director ASSIGN command to put the control of the user IDs under a different manager ID.

0711E

FILE *filename filetype filemode* CANNOT BE UPDATED BECAUSE IT IS LOCKED BY ANOTHER USER

Reason:

CA VM:Director cannot offer the specified file for update because it is currently locked by another user.

Action:

Use the CA VM:Director QPCB and QLOCK ALL commands to determine who has the specified file locked. Try again later.

0712E

AN ERROR OCCURRED WHILE ATTEMPTING TO PROCESS THE *filename filetype* FILE.

Reason:

CA VM:Director cannot remove or put the manager on hold because an unexpected error occurred during the update of the VMDIRECT MANAGERS file.

Action:

Check for other error messages associated with the failed execution of the command. Contact your system administrator or call Technical Support.

0716E

ERROR *returncode* ATTEMPTING TO *process* DIRECTORY ENTRY *usermanager*

Reason:

CA VM:Director has experienced an internal error while attempting to execute the ADMIN PROFILE command. The variable *returncode* is the return code from the EDIT EXPAND or EDIT CONTRACT primitive. The variable *usermanager* is the directory entry identifier.

Action:

Spool your console and enter the command:

VMDIRECT TRACE MACRO EXPDCONT OPT I

Enter the ADMIN PROFILE command again. Obtain the spooled macro trace, the CA VM:Director service virtual machine console log and a copy of the source directory entry of the user ID that failed. For assistance, contact Technical Support.

0717E

USERID *userid* IS DEFINED AS A MANAGER AND CANNOT BE CHANGED

Reason:

CA VM:Director cannot remove or put the indicated manager on hold because user IDs are still assigned to this manager *userid*. These user IDs reside on the DRCT or HOLD minidisks.

Action:

Use the CA VM:Director ASSIGN command to put control of the user IDs under a different manager user ID.

0718E

THE *option* OPTION MAY NOT BE SPECIFIED FOR NON-CMS FORMATTED MINIDISKS.

Reason:

You have attempted to manipulate a minidisk that was not formatted by CMS and have specified an option that relates to CMS minidisks only.

Action:

Make sure that the minidisk is the one you really want to manipulate and that you do not expect it to have a CMS format. If you are sure, remove the indicated option from the command line.

0719E

THE SIZE PARAMETER MAY NOT BE SPECIFIED IN BYTES FOR NON-CMS FORMATTED MINIDISKS.

Reason:

You have attempted to move a minidisk that was not formatted by CMS and have specified the size of the new minidisk kilo- or megabytes. Non-CMS-formatted minidisks can only be moved to a new location. You cannot change their size or device type. A size specification in bytes, using a K or M suffix, implies a possible change of size. It also requires use of a CMS block size to calculate the size that is being requested and CMS blocks do not relate to non-CMS-formatted minidisks.

Action:

Make sure that the minidisk is the one you really want to move and that you do not expect it to have a CMS format. If you are sure, specify the same numeric size value as the existing minidisk or use the equal sign (=) to indicate the same size.

0720E

***parameter* PARAMETER ALREADY FOUND ON PREVIOUS *statement* RECORD.**

Reason:

The indicated parameter can appear on only one of the directory statements of type *statement*. Although multiple statements of this type are allowed, the parameter can be specified on only one of them.

Action:

Remove the parameter in question from one of the statements.

0721E

USE OF *parameter* PARAMETER ON *statement1* STATEMENT REQUIRES A *statement2* STATEMENT.

Reason:

You have specified a parameter on one type of directory statement that depends on the presence of another type of directory statement. It is possible that *statement1* appears in a directory profile and you have removed or not yet added the required *statement2* in the user ID's entry, or vice versa.

Action:

Either add the required directory statement to the user ID's entry or profile, or remove the specified parameter from *statement1*.

0722E

THE *parameter* PARAMETER OF THE *statement* RECORD IS NOT ALLOWED IN A PROFILE.

Reason:

The indicated directory statement includes *parameter*, which you cannot specify in a directory profile entry. You can specify *statement* in the directory profile, but not the parameter.

Action:

Either remove the parameter from the indicated statement, or place the statement in the user ID's entry instead of the directory profile.

0724W

THE *parameter* PARAMETER OF THE *record* CONFIG FILE RECORD IS NO LONGER SUPPORTED

Reason:

The indicated configuration file record has a parameter that is no longer used or maintained by CA. The parameter's function either has been replaced by a different parameter or record, or is no longer necessary.

Action:

Remove the unsupported parameter from the indicated configuration file record. There may be an alternate parameter or record that you should use instead. Future releases of CA VM:Director will not allow you to use this parameter.

0725E

USE OF *option1* OPTION REQUIRES THE *option2* OPTION.

Reason:

While processing a directory update it was determined that a directory option was used that requires an additional option that was not specified. For example, the DEDICATE option requires the V=R option. The directory update fails.

Action:

Either add the missing option or remove the one that was specified. Retry the update.

0726E

SERVANT ABENDED DURING *command* COMMAND. DIRECTORY NOT CHANGED.

Reason:

While processing the indicated command during a CA VM:Director process, a servant machine abnormally terminated. CP restarted CMS on the servant user ID. The servant is reconnected to the process that was using it, but CA VM:Director aborted the directory change that was in progress.

Action:

Spool your console and trace the command macro by entering:

VMDIRECT TRACE MACRO *

See the *Administration Guide* For information on using the CA VM:Director TRACE command. Gather the following documentation and contact Technical Support:

- The CA VM:Director service virtual machine console log
- The issuing user ID's console log
- The servant console log (if available)
- The macro trace from the CA VM:Director TRACE command

0727E

USER *user's* MINIDISK ON VOLUME *volume* FROM *addr1* TO *addr2* OVERLAPS THE FOLLOWING MINIDISK(S):

Reason:

During processing of a dynamically updated DASD configuration, a minidisk overlap was detected. This is most likely caused by adding or adjusting an EXTENT record to cover additional space containing a previously non-controlled minidisk, or removing an IGNORE record for a minidisk that overlapped others. In any case, the overlap prevents the new configuration from taking effect. This message is followed by message 0728I, listing all of the minidisks overlapped by the one identified in this message.

Action:

Make further changes to the DASD CONFIG file to prevent the specified minidisk from being controlled. Or, use the appropriate commands to change the offending minidisk such that it does not create an overlap and then repeat the original configuration changes.

0728I

USER *user's minidisks*

Reason:

This message follows other messages to identify users' minidisks that are affected by the previous message. This message is informational only.

Action:

None.

0729E

MINIDISKS OWNED BY *vmdirect* CANNOT HAVE THEIR LABEL CHANGED.

Reason:

The CA VM:Director API commands were used to manipulate one of the CA VM:Director minidisks. CA VM:Director does not allow this because some of the CA VM:Director minidisks have labels that must not change.

Action:

Enter the CA VM:Director command again without specifying a new label.

0730E

USER *userid* NOT REMOVED, MINIDISK *minidisk* IS CURRENTLY IN USE

Reason:

CA VM:Director was removing *userid*, which has one or more of its minidisks linked by another user ID. CA VM:Director cannot remove a user ID that has links to any of its minidisks.

Action:

Have the user IDs that are linked to the indicated minidisk detach their links and enter the command again.

0731E

ERROR *code* REACCESSING *vmdirect vaddr* MINIDISK.

Reason:

An error occurred while CA VM:Director was moving a minidisk. While trying to reaccess the new CA VM:Director minidisk, the indicated return code was received from the CMS ACCESS command.

CA VM:Director attempts to undo the change to the minidisk and access it at the old location. If CA VM:Director can do this, the command ends abnormally. If CA VM:Director cannot access the disk at the old location, abnormal termination ABN001 will occur. In either case, CA VM:Director links to the old location of the minidisk. The source and online directories will be correct.

Action:

Refer to the CMS ACCESS command in the CMS command reference for the information on the return code. If necessary, start CA VM:Director again after correcting the problem.

0732E

YOU ARE NOT AUTHORIZED TO USE THE NOCOPY OPTION.

Reason:

You entered the CA VM:Director CHGMDISK command specifying the NOCOPY option. You are not authorized to use this option. The command terminates abnormally.

Action:

Have the system administrator grant you NOCOPY authorization and enter the command again. For more information on granting authorizations to users, the system administrator can refer to the *Administration Guide*.

0733W

SERVANT *servid* FOUND WITH THE FOLLOWING ITEM(S) IN ITS STACK:

Reason:

While obtaining or releasing a servant user ID, *servid*, CA VM:Director found that there were items on the servant's stack. Message 0326W indicates what was in the stack. CA VM:Director removes this invalid data from the servant's stack.

Action:

If the message appears when the servant is being created or obtained (this is indicated by message 0545I), do the following:

- Check your SYSPROF EXEC to make sure that it is not leaving something in the stack for the CA VM:Director servant user IDs.
- Contact Technical Support for assistance. Have the console log from the CA VM:Director service virtual machine available when you call.

If the message appears when the servant is being released or deleted (this is indicated by message 0545I), then do the following:

- Turn on a trace with the CA VM:Director TRACE command and reproduce the problem.
- Contact Technical Support for assistance. Have the trace output and the console log from the CA VM:Director service virtual machine available when you call.

0736S

D8ONECMD CANNOT BE SET TO FAIL FOR CA VM:Director

Reason:

CA VM:Director detected that D8ONECMD is set to FAIL during CA VM:Director initialization. D8ONECMD is both a directory record and a CP command that controls the use of multiple CP commands through one DIAGNOSE X'08' instruction. CA VM:Director requires that D8ONECMD be set to either OFF or LOG. OFF is the desirable setting.

Action:

Enter **set d8onecmd vmdirect off** to correct the setting for the CA VM:Director service virtual machine. After CA VM:Director initializes, add or change its directory entry to include **D8ONECMD OFF LOCK**.

For information on the directory record D8ONECMD, see the appropriate IBM planning guide. For information on SET D8ONECMD, see the appropriate CP command reference.

0737W

***entrytype userid's vaddr* DEFINES A LINK TO USER *targetid's targetvaddr* DEVICE, WHICH DOES NOT EXIST.**

Reason:

This is a warning message informing you of the possibility that a LINK statement was used incorrectly or is no longer needed. During CA VM:Director initialization or while updating an individual user ID, CA VM:Director found a LINK statement that refers to either a user ID or minidisk that does not exist in the directory.

Action:

To correct or remove the LINK statement you can do one of the following:

- Change the LINK statement to refer to an existing user ID and minidisk.
- Remove the LINK statement from the specified user's directory entry.
- Create the target minidisk if it did not exist.
- Specify the target user ID or virtual address, or both, on a NOLINK statement in the DASD CONFIG file.

0738I

A SOURCE START WILL BE PERFORMED DUE TO USE OF A STARTUP OPTION (or FAILURE OF A QUICK START)

Reason:

This informational message informs you that the slower form of directory initialization is occurring and indicates the reason why. If the source start will be performed because of a startup option, the startup option used was one of the following: SOURCE, NEWDDEV, OLDDDEV, or ALTVOL. If the source start will be performed because a quick start failed, the reason for the failure is specified in message 0146W, which was issued earlier.

Action:

Do a quick start whenever possible. If a startup option is being used, remove the startup option as soon as it is feasible. If you are attempting a quick start, identify and correct the cause of the quick start failure. Source starts take considerably longer than quick starts and are not usually necessary.

0739I

A DYNAMIC REBUILD HAS STARTED. DIRECTORY MAINTENANCE IS SUSPENDED UNTIL COMPLETE.

Reason:

A rebuild process is automatically initiated when the object directory has become full. This is a normal occurrence caused by repeated updates of the directory. During the update, the old space occupied by the directory entry is discarded and new space is allocated. The rebuild process will compress all of the active space and make the discarded space available again. During the execution of the rebuild process, which could take up to several minutes depending on the size of the directory, all directory maintenance is temporarily suspended.

Action:

Upon completion of the rebuild process, CA VM:Director will automatically resume where it left off. Frequent rebuild processing could indicate that the allocated object directory is becoming too small and may need to be enlarged. For information about changing the CP directory allocation, see the *Reference Guide* .

0740I

THE DYNAMIC REBUILD HAS COMPLETED. DIRECTORY MAINTENANCE ACTIVITY WILL NOW RESUME.

Reason:

See message 0739I.

Action:

See message 0739I.

0741W

THE *recordname* CONFIG FILE RECORD IS NO LONGER SUPPORTED AND IS IGNORED.

Reason:

A *recordname* record in one of the configuration files that was supported by a previous release of CA VM:Director was found and that record is no longer supported by the current release.

Action:

Remove the record from the configuration file to prevent the message from being displayed.

0742E

PROCESS ISSUED A 'SERVANT' COMMAND BUT DOES NOT HAVE A SERVANT.

Reason:

A CA VM:Director process issued a SERVANT primitive but there was no servant. The process terminates with an error when it detects that the SERVANT primitive terminated with a non-zero return code. This indicates a programming error.

Action:

Have your CA VM:Director system administrator contact Technical Support with the appropriate console logs.

0743E

'*SERVANT*' COMMAND ISSUED BUT NO *processtype* PROCESS FOUND.

Reason:

A CA VM:Director process issued a SERVANT command but no process was found. The process terminates with an error when it detects that the SERVANT primitive terminated with a nonzero return code. This indicates a programming error.

Action:

Have your CA VM:Director system administrator contact Technical Support with the appropriate console logs.

0744E

COMMAND REQUIRES 'D84NOPAS' DIRECTORY OPTION FOR vmxsysid

Reason:

A command attempted to issue a Diagnose X'84' to update the inline Object Directory, but was unable to complete the action. Either the password in the Diagnose parameter list did not match, or the USER or IDENTITY entry that is being updated is set for LOGONBY-only access.

Action:

Update the CA VM:Director server virtual machine definition to include an OPTION D84NOPAS statement. Then reissue the failing command.

0745E

DIAGNOSE 84 OPERATION '*operation*' IS NOT SUPPORTED.

Reason:

The installed CP does not support the stated diagnose 84 operation.

Action:

Check with IBM for the proper release and service levels before upgrading to a level that supports the stated diagnose 84 operation.

0746I

NO MDISK FOUND THAT MEETS THE SEARCH CRITERIA.

Reason:

No MDISK records were found that match the search criteria specified via the parameters on the MAPX MDISKS primitive.

Action:

None.

0747I

LABEL of VOLUME *oldlabel* AT REAL ADDRESS *raddr* HAS BEEN CHANGED TO *newlabel*

Reason:

The volume serial number in the VOL1 record of the specified DASD volume has been updated to *newlabel* as a result of the CA VM:Director CHGVOLNM command.

Action:

None.

0748I

number* OF *total* MINIDISKS FOR ACTIVE AND HELD USERS HAD THE VOLUME NAME CHANGED FROM *oldlabel* TO *newlabel

Reason:

The CA VM:Director CHGVOLNM command issues this status message periodically to inform the user of progress towards renaming of a volume serial number on MDISK directory statements.

Action:

None.

0749E

VOLUME *volser* WAS NOT FOUND OR IS CURRENTLY OFFLINE.

Reason:

The LABEL parameter was specified on the CA VM:Director CHGVOLNM command, but the indicated volume was not found by a CP QUERY DASD command, or it has been varied offline since it was last recognized.

Action:

Ensure that you have not mistyped the volume's label or specified the incorrect one. Make the desired volume available to the system by varying it online if necessary.

0750E

VOLUME *volser* ALREADY ATTACHED TO SYSTEM

Reason:

The LABEL parameter was specified on the CA VM:Director CHGVOLNM command to change the volume serial number to *volser* but a volume already exists with the indicated label.

Action:

Invoke the CA VM:Director CHGVOLNM command with the correct new volume serial number or do not specify the LABEL parameter.

0751E

VOLUME *label* LABEL CANNOT BE CHANGED. IT IS CP OWNED OR ATTACHED TO A USER.

Reason:

The LABEL parameter was specified on the CA VM:Director CHGVOLNM command, and the specified volume either contains CP areas and is CP OWNED, or the volume is attached to another user ID.

Action:

CP OWNED volumes cannot be changed by the CA VM:Director CHGVOLNM command. If the device is attached to a user, make necessary arrangements to detach the volume from that user and then try the command again.

0752W

SKIPPING VOLUME LABEL CHANGE FOR THE *disk* MINIDISK OF USER *userid* DUE TO ERROR UPDATING DIRECTORY ENTRY

Reason:

The specified minidisk was bypassed due to an error updating either the source or online directory entry.

Action:

Check the directory entry in question. If there are no obvious errors, contact Technical Support.

0753E

ERROR *returncode* CHANGING VOLUME *volser* IN DASD CONFIG FILE

Reason:

An error occurred while updating the specified VOLUME configuration file record in the DASD CONFIG file.

Action:

Correct the error and retry the operation.

0754I

OLD VOLUME NAME *oldvol* WAS SUCCESSFULLY CHANGED TO *newvol*

Reason:

The CA VM:Director CHGVOLNM command completed successfully.

Action:

None.

0755E

MANAGER *manager* HAS BEEN PREVIOUSLY DEFINED.

Reason:

During configuration processing, a duplicate MANAGER configuration file record has been found. Configuration file processing continues to check for errors, but it terminates abnormally upon completion.

Action:

Edit the VMDIRECT MANAGERS file and remove the duplicate MANAGER definition.

0756E

TOO MANY SUBPOOLS SPECIFIED FOR MANAGER *manager*.

Reason:

The number of subpools specified on the MANAGER configuration file record exceeds the maximum of 50. Configuration file processing continues to check for errors, but it terminates abnormally upon completion.

Action:

Edit the VMDIRECT MANAGERS file and remove the excess subpool definitions from the MANAGER configuration file record.

0757E

MANAGER *manager* NOT DEFINED.

Reason:

A SKELETON record was encountered in the VMDIRECT MANAGERS file which referenced a manager not previously defined by a MANAGER record. Configuration file processing continues to check for errors, but it terminates abnormally upon completion.

Action:

Edit the VMDIRECT MANAGERS file and move the SKELETON record after the manager definition or add the appropriate MANAGER configuration file record before the SKELETON configuration file record.

0758E

***record* RECORD IN *product1* CONFIG FILE BELONGS IN *product2* CONFIG**

Reason:

During configuration file processing, a record was encountered in a configuration file which belongs in a different configuration file. Configuration file processing continues to check for errors, but it terminates abnormally upon completion.

Action:

Edit the configuration file that contains the invalid record. Remove the record and either discard it or place it in the correct configuration file as defined in the message.

0759E

ERROR *errcode processing* MACRO *filename* FILETYPE

Reason:

During processing of the MACLOAD record in the PRODUCT CONFIG file, the specified macro had an error. The variable *errcode* is the return code from the EXECLOAD or EXECDROP command as indicated. The status of the indicated macro is unchanged. Processing continues and all other updates to the PRODUCT CONFIG file are attempted.

Action:

Using the given return code, try to determine and correct the cause of the problem. If successful, retry the CA VM:Director CONFIG PRODUCT command.

0760I

ERRORS ENCOUNTERED PROCESSING *filename* CONFIG FILE.

Reason:

One or more errors have occurred as indicated by previous error messages during processing of the specified configuration file from the CA VM:Director CONFIG command. Usually no updates have been made; however, if there were no validation errors in the configuration records, attempts could have been made to implement any changes indicated by the new records. Again, previous error messages should indicate what actions have been taken. This message is followed by 0761I, asking if you would like to make corrections to the configuration file and attempt the update again.

Action:

Evaluate all previous messages to determine what actions have occurred and what the errors were. You should answer the prompt in message 0761I based upon that information.

0761I

DO YOU WISH TO CORRECT THE ERRORS?

Reason:

This message follows message 0760I when an error has occurred during updating of a configuration file using the CA VM:Director CONFIG command.

Action:

Refer to the description for message 0760I and answer the prompt accordingly.

0762E

VOLUME *volser* ALREADY EXISTS

Reason:

The user attempted to change the label of a DASD volume, but the volume already exists.

Action:

Verify that the command was not mistyped. If the command was entered correctly, specify a different *volser*.

0763I

SYNTAX: CFGUPGRD *option*

Reason:

This message is preceded by message 0038, 0039, or 0643. The previous message indicates the type of error, while this message indicates the correct syntax of the command.

Action:

Reissue the command with the correct, desired parameter.

0764E

VMDIRECT CONFIG A ALREADY EXISTS. IF THIS FILE IS NOT USABLE, REMOVE IT AND RERUN THIS EXEC.

Reason:

CFGUPGRD JOIN was run in an attempt to recreate the VMDIRECT CONFIG file from the PRODUCT, DASD, AUTHORIZ, SECURITY, and DSUPPORT CONFIG files. The VMDIRECT CONFIG file already exists on the user's A-disk.

Action:

If the VMDIRECT CONFIG file located at file mode A is up-to-date, just use it. If not, either rename or erase it and rerun CFGUPGRD JOIN.

0765I

PROCESSING WILL CONTINUE.

Reason:

This message is preceded by message 0021I. CFGUPGRD JOIN was unable to locate either the SECURITY or DSUPPORT CONFIG files, or both. These files are not necessarily required to successfully finish processing, so the EXEC continues processing.

Action:

Determine if the missing files are actually required to properly construct the VMDIRECT CONFIG file. If not, ignore these messages. Otherwise, access these files and rerun CFGUPGRD JOIN.

0766E

UNABLE TO CONTINUE PROCESSING DUE TO MISSING FILE(S).

Reason:

This message is preceded by one or more 0021E messages for the PRODUCT, DASD, or AUTHORIZ CONFIG file, during CFGUPGRD JOIN processing. All of these files are required to properly construct the VMDIRECT CONFIG file.

Action:

Access the files and rerun CFGUPGRD JOIN.

0767E

ERROR CREATING VMDIRECT CONFIG A

Reason:

While attempting to copy the various CONFIG files into a single VMDIRECT CONFIG file, the CFGUPGRD JOIN encountered a CMS error. This message is followed immediately by message 0768E, which indicates the type of CMS error that was encountered.

Action:

Analyze message 0768E to determine the correct course of action, and then rerun CFGUPGRD JOIN.

0768E

CMS RETURN CODE FROM *command* = *code*

Reason:

A nonzero return code, *code*, was received in response to the CMS command during execution of a CA VM:Director macro. The specific error was unexpected and could not be handled. Processing is terminated.

Action:

Evaluate any previous error messages. Determine the cause of the error using the return code from the specified command. If necessary and appropriate, re-enter the command when the error is corrected.

0769E

ERRORS HAVE BEEN ENCOUNTERED, NEW CONFIG FILES HAVE NOT BEEN CREATED

Reason:

This message is preceded by messages that indicate the types of problems encountered while executing CFGUPGRD SPLIT.

Action:

Refer to the previously displayed error messages to determine the actual problem, correct the problem, and then run CFGUPGRD SPLIT again.

0770I

filename filetype filemode* HAS BEEN RENAMED *to filename newfiletype filemode

Reason:

CFGUPGRD SPLIT has successfully completed splitting the VMDIRECT CONFIG * file (*filename filetype filemode)*. The file was then renamed *filename newfiletype filemode* to ensure that it is not accidentally used.

Where:

- *filename* is VMDIRECT
- *filetype* is CONFIG
- *filemode* is the file mode where the first VMDIRECT CONFIG FILE was located.
- *newfiletype* is the new file type, CFG*mmdd*, where *mmdd* is the date when the file was last modified.

Action:

None.

0771E

UNABLE TO RENAME *fn ft fm*

Reason:

CFGUPGRD SPLIT has successfully created the new configuration files, but encountered an error doing a CMS RENAME of the VMDIRECT CONFIG file. This message is followed immediately by message 0768E.

Action:

Refer to the message text of 0768E to determine the type of error and correct resolution. At this point, the new CONFIG files are intact and usable. The VMDIRECT CONFIG file has not been renamed, and it is advisable to either rename it or copy it to a different file for backup purposes.

0772I

THE *filename filetype filemode* FILE HAS BEEN SUCCESSFULLY CONVERTED

Reason:

CFGUPGRD SPLIT has successfully converted the VMDIRECT CONFIG file into the new CONFIG files and renamed it.

Action:

None.

0773E

ERROR WRITING TO THE FILE *filename filetype filemode*

Reason:

CFGUPGRD SPLIT encountered an error attempting to write to the temporary work files. This message is followed by message 0768E indicating the type of error encountered in the CMS EXECIO DISKW command.

Action:

Review the details in message 0768E to determine the type of error and proper correction for the EXECIO command, and then rerun CFGUPGRD SPLIT.

0774I

DESUPPORTED => *record*

Reason:

CFGUPGRD SPLIT has determined that a record from the VMDIRECT CONFIG file is no longer supported and has moved it to the DSUPPORT CONFIG file.

Action:

Upon successful completion of the CFGUPGRD SPLIT command, review the DSUPPORT CONFIG file to determine if any action is actually required. It should be noted that all AUTHORIZ and PREVENT records are moved into this file; however, they are replaced with corresponding GRANT and WITHHOLD records in the AUTHORIZ CONFIG file.

0775I

VMDIRECT CONFIG A HAS BEEN SUCCESSFULLY CREATED

Reason:

CFGUPGRD JOIN was able to successfully reconstruct the VMDIRECT CONFIG file from the PRODUCT, DASD, AUTHORIZ, and optionally SECURITY and DSUPPORT CONFIG files.

Action:

None.

0776I

CONVERTED => *record*

Reason:

The specified record is no longer supported by CA VM:Director but it has a counterpart record that is supported. The old record is automatically converted to the new record and added to the appropriate configuration file. The old record is also added to the DSUPPORT CONFIG file as a comment to leave an audit trail of what the original records contained.

Action:

None. You can compare the old record in the DSUPPORT CONFIG file with the new record in the appropriate file to see what conversion took place.

0777E

MINIDISK (or DIRECTORY) ACCESSED AS MODE *mode* IS NOT ACCESSED IN WRITE MODE.

Reason:

The minidisk or directory accessed as mode *mode* is intended to contain the output of the command. It must be accessed in read/write mode.

Action:

Re-access the disk in read/write mode and reissue the command.

0780I

THE FOLLOWING MINIDISKS WERE CHANGED FROM NOT IGNORED TO IGNORED.

Reason:

During successful processing of a dynamically changed DASD configuration, one or more minidisks changed status as indicated. This message is followed by 0728I detailing the minidisks affected.

Action:

None.

0781I

THE FOLLOWING MINIDISKS WERE CHANGED FROM IGNORED TO NOT IGNORED:

Reason:

During successful processing of a dynamically changed DASD configuration, one or more minidisks changed status as indicated. This message is followed by 0728I detailing the minidisks affected.

Action:

None.

0782I

THE FOLLOWING MINIDISKS WERE CHANGED FROM CONTROLLED TO NON-CONTROLLED:

Reason:

During successful processing of a dynamically changed DASD configuration, one or more minidisks changed status as indicated. This message is followed by 0728I detailing the minidisks affected.

Action:

None.

0783I

THE FOLLOWING MINIDISKS WERE CHANGED FROM NON-CONTROLLED TO CONTROLLED:

Reason:

During successful processing of a dynamically changed DASD configuration, one or more minidisks changed status as indicated. This message is followed by 0728I detailing the minidisks affected.

Action:

None.

0784I

***number* AUTHORIZATION RECORDS IN AUTHORIZ CONFIG FILE HAD THE VOLUME NAME CHANGED FROM *oldvolser* TO *newvolser*.**

Reason:

The CA VM:Director CHGVOLNM command was issued to change the name of the indicated volume. There were *number* GRANT or WITHHOLD or both GRANT and WITHHOLD records in the AUTHORIZ CONFIG file that had the old volser specified that were also changed to the new volser.

Action:

None.

0787E

VOLUME *volser* LABEL CANNOT BE CHANGED. IT IS IN USE BY LOGGED ON USERS.

Reason:

The LABEL parameter was specified on the CA VM:Director CHGVOLNM command and the specified volume contains minidisks with active links to them.

Action:

Wait until all users with minidisks on the volume have detached those links or logged off. Then try the command again. A privileged user can query the number of users linking to a volume with the CP QUERY DASD *volser* command.

0788E

RELABELING OF VOLUME *volser* CANNOT COMPLETE. ERROR *code* FROM THE CP COMMAND *action*.

Reason:

While preparing to relabel the specified volume, the indicated CP action failed with the given return code. The CP return code correlates to the number of the CP error message that explains the error.

Action:

Look up the appropriate CP error message regarding the indicated action. Determine the problem and take the corrective action before attempting the command again. Verify that the specified device is still in the status required to change its label. Some activity could have taken place already.

0789W

THE RELABELED VOLUME *volser* MAY NOT BE USABLE. ERROR *code* FROM THE CP COMMAND *action*.

Reason:

The CA VM:Director CHGVOLNM command has changed the label on the requested volume as well as updated all references to that volume in the internal mapping structure and directory entries. However, an error occurred while either detaching the volume from the CA VM:Director service virtual machine or attaching it back to the system with the new label. The CP return code correlates to the number of the CP error message that explains the error.

Action:

Determine the cause of the error by referring to the appropriate CP error message. Take the necessary manual steps to correct the error and attach the volume to the system. This is only a warning, as the volume has been changed as well as any references to it. Manual correction should be possible.

0790E

AN ERROR OCCURRED WHILE CHANGING THE LABEL OF VOLUME *oldvolser* TO *newvolser*; CONTACT YOUR SYSTEM ADMINISTRATOR.

Reason:

CA VM:Director attempted to read or write the label record of the specified volume during execution of the CA VM:Director CHGVOLNM command and encountered an error. The most likely problem is an I/O error on that device. One possibility for an I/O error is that the volume contains a CMS formatted label record instead of the required CP formatted label record. Additional details of the error can be found on the CA VM:Director service virtual machine's console log.

Action:

The system administrator should review the server's console log for more information about the error. In the case of an I/O error, messages are issued giving the status and sense information for the device and the I/O. From that you may be able to determine the problem. Correct the problem if possible and retry the command. If it is not an I/O error, you may need to contact Technical Support.

0791E

DUPLICATE POSIX GNAME *groupname*

Reason:

During system initialization or while using the CA VM:Director ADMIN POSIX command to update a directory entry or directory profile, CA VM:Director found a duplicate GNAME specified on a POSIXGROUP record. Message 0056I specifies the record number containing the duplicate.

Action:

If you receive this message during system initialization, manually edit the VMDIRECT POSIX file on the CA VM:Director directory database disk to correct the duplication. If you receive this message while using the ADMIN POSIX command, you will be prompted to correct the error. If you answer yes, CA VM:Director allows you to continue to update the VMDIRECT POSIX file. If you answer no, CA VM:Director reverts to the previous VMDIRECT POSIX file.

0792E

INVALID REMOVAL OF POSIXGROUP RECORD. GNAME *groupname* IS CURRENTLY ACTIVE

Reason:

A user issued the CA VM:Director ADMIN POSIX command and deleted a POSIXGROUP record listing a GNAME or GID that is in use by at least one user.

Action:

POSIXGROUP records can be deleted only when no users are using them. Determine which users are using the indicated GNAME or GID and change their use of the group to another GNAME or GID.

0793E

***parameter* HAS BEEN SPECIFIED ON A PREVIOUS *recordtype* RECORD**

Reason:

During system initialization or while using the CA VM:Director ADMIN POSIX command to update a directory entry or directory profile, CA VM:Director encountered a duplicate definition for a parameter on a POSIXINFO or POSIXOPT record. Message 0056I specifies the duplicate record.

Action:

Remove the duplicate definition from the POSIXINFO or POSIXOPT record. Make sure the record syntax corresponds to that published by IBM.

0794E

THE *recordtype* RECORD WAS CONTINUED PAST THE END OF THE FILE

Reason:

During system initialization or while using the CA VM:Director ADMIN POSIX command to update a directory entry or directory profile, CA VM:Director found that the last record in the entry was continued. Only POSIXINFO and POSIXGLIST records can be continued. Message 0056I specifies the record in error.

Action:

Correct the continuation error. Make sure the record syntax corresponds to that published by IBM.

0795E

DUPLICATE POSIX *parameter value* ON POSIXGLIST RECORD

Reason:

During system initialization or while using the CA VM:Director ADMIN POSIX command to update a directory entry or directory profile, CA VM:Director located a duplicate GNAME or GID on a POSIXGLIST record. Message 0056I specifies the duplicate record.

Action:

Remove or change the duplicate parameter on the POSIXGLIST record. Make sure the record syntax corresponds to that published by IBM.

0796E

MANAGER *mgrid* IS A RESERVED NAME AND CANNOT BE USED AS A DIRECTORY MANAGER NAME

Reason:

During system initialization or while using the CA VM:Director ADMIN command, CA VM:Director encountered the indicated manager ID as a directory manager name. CA VM:Director reserves the following names for internal use: POSIX, POOL, PROFILE, and GLOBALS.

Action:

Choose a name for the directory manager that is not one of the reserved names.

0800E

OPTION *option2* CONFLICTS *with option1*.

Reason:

Conflicting options were specified. Only one of the options may be specified for the command. The command was terminated.

Action:

Enter the command again, using the desired option.

0801E

USER *userid* IS DEFINED AS AN SFS MANAGER

Reason:

A user is attempting to HOLD or REMOVE a user through the MANAGE or MAINT MANAGE command, but the user being held or removed is defined as an SFS manager. The user cannot be held or removed when it is an SFS manager.

Action:

If the user should be held or removed, it needs to have its definition as an SFS manager deleted. You first must use the ASSIGN command to transfer manager authorization to another manager for all users assigned to this manager.

To list all users the manager currently manages, enter the following command:

```
VMDIRECT QUERY USERS (MANAGER managerid
```

After all users and their SFS allocations are assigned to another manager, enter the following command to delete the user from being an SFS manager:

```
VMDIRECT ADMIN SFSMGRS
```

You can then hold or remove the user.

0802E

USERID *userid* IS DEFINED AS AN SFS MANAGER AND CANNOT BE *action*

Reason:

A user is attempting to CHANGE or perform DELENTRY on a user that is defined as an SFS manager. The user cannot be changed or deleted when it is an SFS manager.

Action:

If the user should be deleted or changed, it needs to have its definition as an SFS manager deleted. You first must use the ASSIGN command to transfer manager authorization to another manager for all users currently being managed by the user you are trying to change or delete.

To list all users the manager currently manages, enter the following command:

```
VMDIRECT QUERY USERS (MANAGER managerid
```

After all users and their SFS allocations are assigned to another manager, enter the following command to delete the user from being an SFS manager:

```
VMDIRECT ADMIN SFSMGRS
```

You can then change or delete the user.

0803E

NICDEF REJECTED; TYPE KEYWORD MUST BE SPECIFIED

Reason:

The TYPE keyword was not specified on the NICDEF statement.

Action:

Edit the NICDEF statement again, specifying the TYPE keyword. Refer to the *CP Planning and Administration* publication for your release of VM for information about the NICDEF directory statement syntax.

0804E

NICDEF REJECTED; DEVICE COUNT IS OUT OF RANGE <*validrange1*>-<*validrange2*>

Reason:

The count operand of the DEVICES keyword on a NICDEF statement was out of range. It must be a numeric value between <*validrange1*> and <*validrange2*>.

Action:

Edit the NICDEF statement again, specifying a valid device count value. For information about the NICDEF directory statement syntax, refer to the *CP Planning and Administration* publication for your release of VM.

0805E

NICDEF REJECTED; LAST DEVICE IS ABOVE FFFF

Reason:

On a NICDEF statement, initial device address plus the number of virtual I/O devices specified with the DEVICES keyword resulted in a final device address that is above the maximum allowed device address of FFFF.

Action:

Edit the NICDEF statement again, specifying a valid combination of initial device address and device count that results in a valid range. For information about the NICDEF directory statement syntax, refer to the *CP Planning and Administration* publication.

0806E

THE SCPDATA DATA FIELD CONTAINS INVALID UTF-8 DATA

Reason:

The value specified after the SCPDATA keyword on the LOADDEV statement contains characters that are not part of the UTF-8 character set.

Action:

Edit the LOADDEV statement again, specifying valid characters. For information about the LOADDEV directory statement syntax, refer to the *CP Planning and Administration* publication for your release of VM.

0807E

THE SCPDATA DATA FIELD CONTAINS AN INVALID HEX DATA STRING

Reason:

The value specified after the SCPDATA keyword on the LOADDEV statement contains characters that are not part of the UTF-8 character set.

Action:

Edit the LOADDEV statement again, specifying valid characters. For information about the LOADDEV directory statement syntax, refer to the *CP Planning and Administration* publication for your release of VM.

0808I

DUPLICATING *sourceuser sourcevaddr* ON *targetuser targetvaddr*

Reason:

Informational message displayed while CA VM:Director creates a duplicate minidisk, as requested by the DUPMDISK command. The new duplicate minidisk (*targetuser targetvaddr*) is based on the input minidisk (*sourceuser sourcevaddr*). Execution continues normally.

Action:

None.

0809I

MINIDISK *sourceuser sourcevaddr* WAS DUPLICATED FROM *targetuser targetvaddr*

Reason:

Informational message displayed when CA VM:Director successfully creates a duplicate minidisk, as requested by the DUPMDISK command. The new duplicate minidisk (*targetuser targetvaddr*) is based on the input minidisk (*sourceuser sourcevaddr*).

Action:

None.

0810I

RACROUTE: _____

Reason:

After a DEBUG ESM ON product command is issued, this message displays every RACROUTE resource name being passed to the external security manager for authorization. The resource name is the substitution text.

Action:

This is informational only.

0811E

DUPLICATE VOLSERS FOUND ONLINE FOR *volser*

Reason:

The CHGVOLNM command was issued to alter a disk *volser*. At that time, more than one disk volume with the specified *volser* was found online. The command cannot proceed, since the correct disk volume was not determined.

Action:

Vary offline all duplicate disk volumes, but leave the intended disk volume online. Reissue the CHGVOLNM command.

0812I

USER=*userid*, SAFRC=*safrc*, RACFRC=*racfrc*, RACFREASON=*racfreason*

Reason:

This message follows message 0810I. It displays the requesting user ID, SAF return code, RACF return code, and RACF reason code returned by the external security manager for the resource named in message 0810I.

Action:

This is informational only.

0813E

ESM REQUESTED, BUT RACROUTE INTERFACE IS NOT AVAILABLE

Reason:

During system initialization, an ESM configuration statement was processed, but the RACROUTE interface for the product server machine was not properly installed, or is not working for another reason.

Action:

Install and configure an RPIUCMS RACROUTE interface for the product server machine according to the instructions provided by your external security manager product. The RPIUCMS INIT function must be performed during the PROFILE EXEC on the product server machine.

0814I

AN EXTERNAL SECURITY MANAGER PRODUCT IS BEING USED FOR COMMAND AUTHORIZATION

Reason:

During system initialization, an external security manager configuration statement was processed, and the product is now configured to use the external security manager to authorize access to product commands.

Action:

This is informational only.

0815E

SERVANT ABENDED DURING *utility* COMMAND. OLD MDISK NOT FORMATTED.

Reason:

The CA VM:Director servant abended while executing the indicated command to format a minidisk. The minidisk being processed during the abend is not formatted. The command completes and the minidisk in question is added to the free space but remains unformatted.

Action:

Refer to the IBM documentation on CMS commands for an explanation of the error code. If you are using ALTERNAT FORMAT record in the PRODUCT CONFIG file, refer to the documentation for the alternate FORMAT program for an explanation of the error code.

If the problem can be reproduced, you can gather additional information by entering the VMDIRECT TRACE MACRO * command. See the *Administration Guide* for further information on using the TRACE command.

The following documentation should be collected for technical support should additional assistance be needed:

- The CA VM:Director service virtual machine console log.
- The issuing user ID's console log.
- The servant console log (if available).
- The macro trace from the CA VM:Director TRACE command.

0817I

NO SSINODE CONFIGURATION HAS BEEN DEFINED.

Reason:

This response is returned from a QUERY SSI command when no SSINODE configuration statements were defined in the PRODUCT CONFIG file.

Action:

None.

0819E

TAG CANNOT BE REVOKED. IT IS IN USE BY *userid*

Reason:

The TAG command was issued with the REVOKE operand to remove a TAG definition from the system. However, at least one user ID has a value set for that tag name. The tag name cannot be revoked while it is currently in use.

Action:

Use the TAG command with the DELETE operand to remove the use of the tag name by the named user ID, and then re-issue the TAG REVOKE command.

0820E

MINIOPT STATEMENT FOR *userid* IS INVALID BECAUSE *device* IS A FULL PACK MINIDISK

Reason:

During processing of a MINIOPT directory statement for a minidisk, CA VM:Director determined that the minidisk was a full pack minidisk. It was either defined with the DEVNO parameter, or defined with a zero to END extent.

Action:

Use a DASDOPT statement instead of a MINIOPT statement when defining parameters for a full pack minidisk.

0821E

DASDOPT STATEMENT FOR *userid* IS INVALID BECAUSE *device* IS NOT A FULL PACK MINIDISK

Reason:

During processing of a DASDOPT directory statement for a minidisk, CA VM:Director determined that the minidisk was not a full pack minidisk. It was neither defined with the DEVNO parameter, nor defined with a zero to END extent.

Action:

Use a MINIOPT statement instead of a DASDOPT statement when defining parameters for a minidisk which is not a full pack minidisk.

0822E

The *PW00 DATA FIELD CONTAINS AN INVALID HEX DATA STRING

Reason:

During processing of a directory entry, a password phrase special comment record was found which contains invalid data. This indicates either an internal processing error, or manual modification of the special comment record.

Action:

Manual modification of this special comment record may result in unpredictable errors, including the inability to LOGON with that user ID. To bypass this problem, remove all *PW00= records from the directory entry, and reset the user ID password using a supported administrative interface, such as the product PASSWORD command.

0823E

The *PW00 DATA FIELD IS TOO LONG

Reason:

During processing of a directory entry, a password phrase special comment record was found which contains invalid data. This indicates either an internal processing error, or manual modification of the special comment record.

Action:

Manual modification of this special comment record may result in unpredictable errors, including the inability to LOGON with that user ID. To bypass this problem, remove all *PW00= records from the directory entry, and reset the user ID password using a supported administrative interface, such as the product PASSWORD command.

0824S

ARG(*nnn*) OF FUNCTION *function* IS MISSING OR INVALID

Reason:

An internal programming error has occurred in a CA VM:Director macro. This will cause abnormal termination of the macro in error, and likely terminate the entire process or command. This message will be followed by a series of unnumbered messages that will display information about the currently executing REXX macro. This includes the failing program name, the input arguments, the failing instruction, the contents of the program stack, and the current values of variables. This information will appear on the service virtual machine console log.

Action:

Save the server console log file and contact Technical Support.

0825W

ARG(*nnn*) OF FUNCTION *function* IS EXTRANEOUS

Reason:

An internal programming error has occurred in a CA VM:Director macro. The extra function argument is ignored, and operation continues.

Action:

Save the server console log file and contact Technical Support.

0826W

NO DIRECTORY RECORD FOUND MATCHING THE SEARCH CRITERIA

Reason:

A SCAN command was issued. No match was found in the CP source directory database which matches the specified search criteria.

Action:

None.

0827E

MAXIMUM COMBINED COMMAND STATEMENT LENGTH WAS EXCEEDED

Reason:

The combined length of all COMMAND statements in a user directory entry, including those from any directory profile, exceeded the maximum size of 3071 characters.

Action:

Comply with the IBM-defined maximum length for COMMAND statements for a single user directory entry.

0828I

number* VOLUME RECORDS IN THE DASD CONFIG HAD THE VOLUME NAME CHANGED FROM *oldvolser* TO *newvolser

Reason:

The CA VM:Director CHGVOLNM command was issued to change the name of the indicated volume. There were the specified number of VOLUME records in the DASD CONFIG file that had the old volser specified that were changed to the new volser.

Action:

None.

0829E

DISK vaddr IS NOT ACCESSED AND THEREFORE NOT ABLE TO BE QUIESCED

Reason:

The QUIESCE function was requested for the virtual address indicated in the message but that disk is not accessed and not in use by CA VM:Director. Only virtual addresses that are accessed and in use by CA VM:Director are eligible to be quiesced.

Action:

If the QUIESCE is requested due to a backup, remove the QUIESCE function for the backup for that particular minidisk. Any disk that is not accessed and therefore not in current use by CA VM:Director can be backed up safely without being quiesced**.**

0831E

***user1 devicenumber1 AND userid2 devicenumber2* MUST HAVE MATCHING SIZE AND DEVICE TYPE**

Reason:

A pre-allocated minidisk was used as the target minidisk in a DUPMDISK command. The source minidisk and the target minidisk must have matching device type and size characteristics when the target minidisk exists when the command is issued. The minidisk duplication is suppressed.

Action:

Use only matching minidisks when the target minidisk is pre-allocated.

0832E

WORKUNIT workunit NOT FOUND

Reason:

A WORKUNIT CANCEL command was issued, but the specified workunit number was not found to be active on any CA VM:Director servant virtual machine.

Action:

None. The workunit may have already completed.

0833I

WORKUNIT workunit (HAS COMPLETED | STILL RUNNING | HAS FAILED

Reason:

A WORKUNIT QUERY command was issued, and the workunit is either still in progress, has completed, or has failed.

Action:

None.

0834E

CPU ADDRESS IS OUT OF RANGE OR INVALID

Reason:

An address value on a CPU statement must be a hex value between 00 and 3F. The value specified was outside this range.

Action:

Correct the value and reissue the command.

0835E

CPU LIMIT FROM MACHINE STATEMENT HAS BEEN EXCEEDED

Reason:

The number of CPU statements found in a user directory entry and in any included directory profile exceed the limit number specified on a MACHINE statement found in the user directory or in an included directory profile.

Action:

Correct the limit number or reduce the number of CPU records, then reissue the command.

0836E

ONLY ONE BASE CPU IS ALLOWED

Reason:

More than one CPU statement was found that specified the BASE operand. Only one such statement is allowed.

Action:

Modify the user directory entry to make sure that only one CPU statement contains the BASE operand.

0837E

TAG DATA TOKEN TOO LONG: token

Reason:

A token on a TAG SET command was too long. The maximum value of the sum of the length of the tag name and the length of any token in the tag data is 58.

Action:

Correct the value of the tag data and reissue the command.

0838I

STATEMENT NOT DUPLICATED: statement

Reason:

A DUPENTRY command encountered a statement in the input template User Directory Entry which is not being duplicated in the User Directory Entry being created by the command. Several types of statements receive this treatment. Statements naming a unique resource like a DEDICATE or a MACID operand on a NICDEF are not copied because the unique resource cannot be used simultaneously by multiple users. Statements defining characteristics for a MINIDISK, like MINIOPT or DASDOPT, may specify attributes inappropriate for the copied minidisk. Full volume minidisks cannot be copied.

Action:

None. The specified statement will not appear in the newly created User Directory Entry.

0839I

DUPENTRY COPIED nn MINIDISKS SUCCESSFULLY, nn MINIDISK COPIES FAILED

Reason:

A DUPENTRY command completed the processing to copy minidisk data from the pattern user ID to the new user ID. Messages describing the disk copy operations have been issued. In the event of a problem copying a minidisk, message 323E will have been issued. This message displays the number of minidisks which were copied successfully, and the number of minidisks which were not copied, because of an error condition.

Action:

If some minidisks were not copied, correct the cause of the error and use the DUPMDISK command to retry the failing copy operation.

0840E

entrytype1 ENTRIES CANNOT BE CHANGED TO entrytype2 ENTRIES

Reason:

A command requested that an existing directory entry type (USER, IDENTITY, SUBCONFIG, or PROFILE) be changed to another type. The allowed type changes are USER to IDENTITY or IDENTITY to USER. No other type changes are possible.

Action:

The request is rejected. You may be prompted to either correct the record or abandon the intended directory update.

0841E

TOO MANY BUILD STATEMENTS FOUND IN IDENTITY ENTRY FOR name

Reason:

A command requested that an IDENTITY entry be added or updated to include too many BUILD statements. Only one BUILD statement is allowed in an SSI Ready directory. Up to 32 BUILD statements are allowed in an SSI Enabled directory. In practice, the maximum number of BUILD statements in an SSI Enabled directory should be limited to the maximum number of members in an SSI complex, which is 4.

Action:

The request is rejected. You may be prompted to either correct the record or abandon the intended directory update.

0842E

SUBCONFIG ENTRY name WAS NOT REFERENCED BY ANY BUILD STATEMENT IN A DIRECTORY ENTRY

Reason:

A command requested that a SUBCONFIG entry be added or updated, but no IDENTITY entry contains a BUILD statement naming the SUBCONFIG.

Action:

The request is rejected. You may be prompted to either correct the record or abandon the intended directory update.

0843E

SUBCONFIG|IDENTITY|USER ENTRY name CANNOT BE CREATED|PROCESSED BY commandname

Reason:

The named command does not support the type of directory entry defined for the entry name. For example, the command might create a new directory statement which is not supported by that type of entry.

Action:

The request is rejected.

0844E

MINIDISK devno IN SUBCONFIG entry CANNOT BE REACHED. RUN COMMAND ON MEMBER NODE member

Reason:

The command was submitted on a CA VM:Director which has not configured the Servant Facility. It was submitted from one member of a Single System Image complex, but the named minidisk was defined in a SUBCONFIG entry on a different member system. The minidisk cannot be seen from the requestor virtual machine.

Action:

The request is rejected. Resubmit the request from an ID which is logged on to the member system where the minidisk is defined.

0845E

SUBCONFIG ENTRY entry IS ALREADY REFERENCED BY A BUILD STATEMENT IN IDENTITY ENTRY identify

Reason:

The SUBCONFIG name is a duplicate of an existing SUBCONFIG entry name. The names must be unique.

Action:

The request is rejected. Resubmit the request specifying a unique name for the SUBCONFIG you are defining.

0846E

INVALID ADDITION|REMOVAL OF 'SSINODE membername' RECORD

Reason:

An SSINODE configuration record may neither be added nor removed while the CA VM:Director server virtual machine is running.

Action:

End execution of the product server on all member nodes in a Single System Image complex, make the desired changes to the SSINODE records, and restart the product server on all members in the complex.

0847E

THE MAXIMUM NUMBER OF SSINODE STATEMENTS HAS BEEN EXCEEDED

Reason:

Addition of additional SSINODE configuration statements is not allowed to exceed the implementation defined limit.

Action:

The configuration file change is rejected. Reduce the number of SSINODE statements so that a maximum of 32 are defined in the PRODUCT CONFIG file.

0848E

NO SSINODE STATEMENT WAS FOUND FOR MEMBER NODE member

Reason:

A member name was defined on a BUILD statement in an IDENTITY directory entry which was not defined on an SSINODE configuration statement in the PRODUCT CONFIG file.

Action:

The directory entry is rejected. Modify the member name in the BUILD statement to match an existing SSINODE definition, or add a new SSINODE configuration statement in the PRODUCT CONFIG file.

0849W

PASSWORD CHANGE NOT DONE; A DIRECTORY ENTRY COULD NOT BE UPDATED AT THE PRESENT TIME

Reason:

An attempt was made to change a logon password or password phrase. This may have been initiated by specifying the CHANGE operand on a LOGON command. It may have also been initiated by a system requirement to change a password. A CA VM:Director outage prevented the update of the password.

Action:

The LOGON proceeds without the password being updated. Retry the LOGON after the product server is made operational.

0850I

AGENT SERVER membername HAS BEEN CONVERTED TO BECOME THE NEW MASTER SERVER

Reason:

A TAKEOVER command was submitted to recover from an outage of the Master CA VM:Director server virtual machine. The named Agent server was converted to become the new Master.

Action:

None.

0851E

TAKEOVER COMMAND FAILED BECAUSE membername IS NOT AN AGENT SERVER

Reason:

A TAKEOVER command was submitted to recover from an outage of the Master CA VM:Director server virtual machine. The command was sent to a functioning Master server. The command is only valid on an Agent server.

Action:

The request is rejected. The Master server is operational, so no TAKEOVER action is allowed.

0852E

TAKEOVER COMMAND FAILED BECAUSE name MINIDISK COULD NOT BE LINKED IN R/W MODE

Reason:

A TAKEOVER command was submitted to recover from an outage of the Master CA VM:Director server virtual machine. The command failed to establish a Read-Write LINK to a shared minidisk.

Action:

Check the named minidisk for Read-Write LINKs from other user IDs and remove them. Remove the member system where the Master CA VM:Director server was running from the SSI complex if necessary. Shared LINKs may not be established when the complex is in an unstable state. Retry the TAKEOVER command after the LINK conflicts have been resolved.

0853E

AGENT NAME nodename IS NOT CONFIGURED

Reason:

A CMD command was issued to direct a command to execute on an Agent server with the specified node name. The name was not present on an SSINODE statement in the PRODUCT CONFIG file.

Action:

Re-issue the command with a correctly configured Agent server name.

0854E

nodename IS THE MASTER SERVER AND CANNOT BE USED WITH CMD

Reason:

A CMD command was issued to direct a command to execute on an Agent server with the specified node name. The name identified the Master server which cannot be used with the CMD command.

Action:

Re-issue the command with a correctly configured Agent server name.

0855E

THERE ARE NO USERS INCLUDING PROFILE *profilename*

Reason:

A QUERY USERS command returns this message when no USER or IDENTITY entries are found which INCLUDE the specified PROFILE entry.

Action:

None.

0856E

SUBCONFIG ENTRY subconfig REFERENCED BY A BUILD STATEMENT IN IDENTITY ENTRY identity DOES NOT EXIST

Reason:

A BUILD statement specified the name of a SUBCONFIG which does not exist.

Action:

The directory entry is rejected. Correct the SUBCONFIG name to match an existing SUBCONFIG entry, or use the ADDENTRY command to create the SUBCONFIG and the corresponding BUILD statement.

0857E

PROFILE profile CONTAINING VMRELOCATE STATEMENT IS NOT ALLOWED IN IDENTITY identity

Reason:

The specified PROFILE entry contains a VMRELOCATE statement. Such a PROFILE cannot be included by an IDENTITY entry.

Action:

Remove the VMRELOCATE from the PROFILE or the INCLUDE statement from the IDENTITY entry.

0858E

MANUAL ADDITION OR DELETION OF BUILD STATEMENT FOR SUBCONFIG subconfig IS NOT ALLOWED

Reason:

An attempt was made to modify an IDENTITY directory entry by removing or adding a new BUILD statement manually. A BUILD statement is added or deleted when the SUBCONFIG entry it names is created or deleted.

Action:

Use the ADDENTRY or DELENTRY command to create or remove a SUBCONFIG entry and the associated BUILD statement at the same time.

0859E

entryname IS NOT AN IDENTITY

Reason:

An action was requested which required that the directory entry specified be an IDENTITY directory entry. The named entry was found to be another type of entry.

Action:

Check that the proper directory entry was specified, and if not, re-issue the command with the correct entry name.

0860E

NICDEF REJECTED MACID NOT ALLOWED FOR *type*

Reason:

The type of NICDEF being added or changed does not allow the MACID value to be specified on the NICDEF statement.

Action:

Check that the proper NICDEF statement was being added or updated. Re-issue the directory change with a valid type or option.

0861E

IDENTITY identity ALREADY HAS THE MAXIMUM NUMBER OF SUBCONFIG ENTRIES IN USE

Reason:

An attempt was made to add more than 32 BUILD statements to an IDENTITY directory entry.

Action:

Do not exceed the maximum of 32 BUILD statements.

0862E

IDENTITY identity ALREADY HAS A SUBCONFIG ENTRY ON SSI MEMBER member

Reason:

A member node name may only be specified on one BUILD statement in each IDENTITY directory entry.

Action:

Do not specify the same node name on multiple BUILD statements.

0863E

SUBCONFIG subconfig MUST BE DELETED BEFORE identity CAN BE CHANGED TO A USER ENTRY

Reason:

Only an IDENTITY entry with no BUILD statements may be changed into a USER directory entry.

Action:

Remove the SUBCONFIG entry named on each BUILD statement using the DELENTRY command before changing the IDENTITY to a USER entry.

0864E

UNABLE TO ESTABLISH APPC COMMUNICATIONS FROM AGENT SERVER OVER RESOURCE resource; RC = return code

Reason:

A communication link was not established between product server virtual machines in a Single System Image complex.

Action:

Contact Technical Support and provide the return code value and resource name from the message.

0865W

NO SUBCONFIG ENTRIES FOUND FOR IDENTITY identity

Reason:

A SUBCONFIG command was issued from an IDENTITY entry, but no SUBCONFIG entries were defined.

Action:

The SUBCONFIG command ends.

0866W

feature IGNORED IN VMXRPI CONFIG. USE ENABLE feature IN SECURITY CONFIG FILE

Reason:

A feature keyword that is found in the VMXRPI CONFIG file is no longer supported. The specification to include the feature is now specified on an ENABLE statement in the SECURITY CONFIG file.

Action:

The VMXCFG processing completes normally. To request support for the desired security feature, add an ENABLE statement to the SECURITY CONFIG file.

0867W

AGENT SYSTEM member IS WAITING FOR USER userid TO RELEASE A LOCK ON THE DIRECTORY DISK

Reason:

A directory file lock was found during initialization of an Agent product server in a single System Image complex. The Agent server cannot process the directory files while they are being changed, so the server waits for the lock to be released. The most probable cause of a lock is that the specified user ID has issued an EDIT command.

Action:

To release the lock, contact the specified user ID and request them to complete the EDIT command. The Agent product server then completes its initialization.

0868E

ENTRY identity NOT REMOVED, SUBCONFIGS MUST BE REMOVED FIRST

Reason:

The current request to delete an IDENTITY directory entry cannot be completed because the entry contains BUILD statements for associated SUBCONFIG directory entries.

Action:

Delete the associated SUBCONFIG entries. Then delete the IDENTITY entry.

Alternatively, issue the DELENTRY command, which automatically deletes any associated SUBCONFIG entries.

0871I

SSIDEBUG: trace information

Reason:

An internal utility is generating trace information on communications between member systems in a Single System Image complex. A request from Technical Support may activate this utility.

Action:

Provide the console log containing the tracing information to Technical Support for problem determination analysis.

0872E

MANAGER manager HAS count USERS ASSIGNED TO IT AND CAN NOT BE REMOVED

Reason:

You are attempting to remove a Directory Manager from the MANAGERS definition file, but the Directory Manager has defined directory entries under its control. Only Directory Managers with no remaining assigned directory entries can be removed.

Action:

To transfer the directory entries controlled by the Directory Manager to another Directory Manager, issue the ASSIGN command. Then remove the specified Manager from the MANAGERS definition file.

0873E

UNABLE TO RETRIEVE VALUE FOR REXX STEM stemname

Reason:

A REXX program is calling a product command and supplying the name of a REXX stemmed variable which supplies additional input to the command. The product server was unable to retrieve a value for the specified stemmed variable name.

Action:

Correct the program to assign the stemmed variable before using the name of the stem with the STEM option keyword.

0874E

ENTRY entryname DOES NOT CONTAIN ANY statement STATEMENTS (WITH value)

Reason:

An ENTRY command specified that a statement be displayed or deleted, but no statement of the specified type or with the specified operands was found. The command ends with an error return code.

Action:

None.

0875E

statement STATEMENT HAS TOO MANY OPERANDS SPECIFIED

Reason:

A command is modifying or adding operands to a directory statement of the specified type, but the maximum number of operand values was exceeded.

Action:

Processing is ended and the additions or changes are not executed. Correct the number of operand values so it does not exceed the defined limits for the type of statement being added or updated.

0876W

value WAS NOT FOUND ON ANY statement STATEMENT

Reason:

An ENTRY command requested that a new value be removed from a directory entry statement, but the value was not present. The deletion attempt was ignored because the value was not present. Any other values being deleted on the same request, which are not already present, are added.

The command ends with a warning return code.

Action:

None.

0877W

value WAS ALREADY PRESENT ON ONE statement STATEMENT

Reason:

An ENTRY command requested that a new value be added on a directory entry statement, but the value was already present. The addition attempt was ignored because the value was already present. Any other values being added on the same request, which are not already present, are added.

The command ends with a warning return code.

Action:

None.

0878E

DUPLICATE SSINODE ssinode

Reason:

The same node name was specified on more than one SSINODE statement in the PRODUCT CONFIG file. If present at startup, system initialization fails. If present during an update of the PRODUCT CONFIG file, the reconfiguration attempt will fail.

Action:

Remove the duplicate SSINODE name specification. Each SSINODE name must be unique.

0952E

RETURN CODE *code* FROM USER EXIT, DATA= *audit-record*

Reason:

An invalid return code was received from the optional user exit routine called by the VMXSRA or VMXSRB utility program while processing the indicated audit record. The program terminates with return code 100.

Action:

The user exit routine should use return code 0 to process the record and return code 8 to skip processing the record.

0964W

NO DATA TO OUTPUT

Reason:

One of the reporting programs, VMXSRA or VMXSRB, has reached the end of the input audit data file without finding any records that qualified for inclusion in the report. The reporting program terminates without producing a report.

Action:

Check the qualifications you have specified for selecting records. If they are overly restrictive, correct them and run the reporting program again. If the qualifications are correct, your input file contains no such records.

0965I

COMMAND COMPLETE, FILE *filename filetype filemode* CREATED

Reason:

The VMXSRB reporting program has completed, and the report has been written to the file named in the message.

Action:

None.

0973E

SERIAL MUST BE SET OFF

Reason:

While you were in an XEDIT session on a file, you entered the VMXEDIT command to encrypt or decrypt the file. To prevent VMXEDIT command processing from including the serial columns of the file in the encryption (and XEDIT from changing and saving these columns), you must first set SERIAL OFF (with the XEDIT command SET SERIAL OFF) for this file. The VMXEDIT command fails.

Action:

While in the XEDIT session, enter **set serial off**, then enter the VMXEDIT command again.

0974S

I/O ERROR ON *vaddr*, STATUS=*status*, SENSE=*sense*

Reason:

While formatting the IPLDISK minidisk with the VMXIPL utility, a permanent I/O error occurred while writing on the specified minidisk. The CSW status and the first four bytes are displayed. The utility program terminates with return code 100.

Action:

Bring the error to the attention of the appropriate person in your installation. This message indicates a probable hardware error.

0975I

VMXIPL EXECUTION CANCELED

Reason:

During execution of the VMXIPL utility program, a reply other than yes was received to prompt message 0976R. The utility program terminates normally.

Action:

None.

0976R

DO YOU WISH TO CONTINUE? REPLY 'YES' OR 'NO':

Reason:

The VMXIPL utility program is asking you if it is all right to format the minidisk, destroying any files that may be stored there. The utility program waits for you to reply.

Action:

Enter **YES** or **NO** as appropriate.

0977W

VMXIPL WILL DESTROY THE CONTENTS OF DISK *vaddr*

Reason:

Normal execution of the VMXIPL utility causes an IPLable program to be written on track 0 of the indicated minidisk. Any files that may have been stored on this minidisk will therefore be destroyed. The utility program issues message 0976R to prompt you to continue.

Action:

None.

0978W

DUPLICATE USERID *userid* FOUND AND IGNORED

Reason:

During execution of the VMXGNR utility program, duplicate *userid* was found in the input card image directory. Duplicate user IDs are ignored, because logically they cannot have been used.

Action:

Examine duplicate entries carefully before discarding them.

0979E

UNSUPPORTED DEVICE TYPE USED

Reason:

A VMXDEF command was issued for a ddname associated with a device other than DUMMY, DISK, or TAPE. The VMXDEF command cannot be used with the device in question. The program attempting to read or write to the ddname is terminated with a CMS user abnormal termination.

Action:

Either transfer the data to a supported device or modify your application program to do the encryption (or decryption) by using subroutine calls to the VMXSUBS subroutines.

0980E

ID *cipher* WAS NOT INITIALIZED PRIOR TO CALL TO *routine* FROM *address*

Reason:

A subroutine call to the subroutine from the indicated address occurred before the indicated cipher was initialized by a call to VMXKINIT. The program terminates with a CMS abnormal termination.

Action:

Modify the application program to initialize the ID cipher. See the chapter on data encryption in the *Administration Guide* for information about the VMXSUBS command.

0981E

INVALID OPERATION SPECIFIED IN CALL TO *routine* FROM *address*

Reason:

A subroutine call to the subroutine from the indicated address passed an invalid encryption operation type. The program terminates with a CMS abnormal termination.

Action:

Modify the application program to pass a valid encryption operation type.

0982R

ENTER ENCRYPTION KEY FOR FILE (*cipher*):

Reason:

The VMXKREAD subroutine was called to read in the cipher key for a program. If the cipher parameter appears in the message, it indicates which cipher ID the prompt references. An attempt is made to read an encryption key from the console with input suppression or masking.

Action:

Enter the appropriate cipher key.

0984E

RESERVED ID USED IN CALL TO *routine* FROM *address*

Reason:

A subroutine call to the subroutine from the indicated address was issued, passing a reserved cipher ID. The program terminates with a CMS abnormal termination.

Action:

Modify the application program to use a valid cipher ID.

0985E

MISSING PARAMETER IN CALL TO *routine* FROM *address*

Reason:

A subroutine call to the subroutine from the indicated address was attempted with fewer than the required number of parameters. The program terminates with a CMS abnormal termination.

Action:

Modify the application program to pass all the required parameters.

0986E

UNDEFINED OR MISSING LABEL ON: *statement*

Reason:

During optimization of a macro by the VMXOPT utility program, an EXEC statement was found to contain an undefined label or to be missing a label. The EXEC statement in error is displayed and optimization continues; however, the utility terminates with return code 200 at completion.

Action:

Make corrections to the macro being optimized and run the VMXOPT utility again.

0987I

NORMAL COMPLETION

Reason:

The utility program terminated normally. Control is returned to the calling EXEC or CMS with return code 0.

Action:

None.

0988E

***mode* DISK LABEL NOT 'DRCT'**

Reason:

The VMXGNR utility program specified the DRCT database minidisk as *mode*, which was found not to have the required label of DRCT. The database is not generated.

Action:

Verify that the correct minidisk is accessed and, if so, change the label to DRCT.

0989E

RETURN CODE *code* FROM NEWUSER EXIT, USERID=*userid*, ACCOUNT=*account*

Reason:

A nonzero return code was received from the NEWUSER exit, which was called to determine the directory manager *userid* based on the indicated *userid* and account number. A nonzero return code indicates that the directory manager *userid* could not be determined. The *userid* is not created. Execution continues, but the program completes with a nonzero return code.

Action:

Make corrections to the exit routine or the input directory. If you are trying to use the CHANGE or ASSIGN commands, code the NEWUSER exit to push *newmgr* as the manager. If you are not using the CHANGE or ASSIGN commands, push *requestor* in the parameter list as the manager. See the *Reference Guide* for more information about the NEWUSER user exit and the CHANGE and ASSIGN commands.

0990E

DISK *mode* NOT ACCESSED R/W OR NOT EMPTY

Reason:

The mode for the DRCT database minidisk indicated a minidisk that was not accessed read/write or was not empty. The VMXGNR utility program execution terminates with an error.

Action:

Access the DRCT database minidisk read/write, make sure it is empty, and run the VMXGNR utility again.

1071E

UNABLE TO FIND FILE *filename filetype* *.

Reason:

When you entered a CA VM:Director command, your virtual machine was unable to find the file *filename filetype* * on any accessed minidisk or SFS directory. The command ends with return code 28.

Action:

Ask your CA VM:Director system administrator to make the indicated file available.

1072E

ERROR *code* FROM NUCXLOAD.

Reason:

When you entered a CA VM:Director command, your virtual machine received the indicated error code from the CMS NUCXLOAD command. The command ends with this error code.

Action:

Ask your CA VM:Director system administrator to contact Technical Support.

1073I

THIS PREVENTS YOU FROM COMMUNICATING WITH CA VM:Director RUNNING ON *vmxuserid*.

Reason:

A CA VM:Director command that you entered ended because of a previously detected condition, reported in either message 1071E or 1072E.

Action:

Report this condition to your CA VM:Director system administrator.

1074I

INFORM YOUR SYSTEM ADMINISTRATOR.

Reason:

A CA VM:Director command that you entered ended because of a previously detected condition. This condition was reported in message 1071E or 1072E, which was then followed by message 1073E.

Action:

Report this condition to your CA VM:Director system administrator.

1076W

***userid* NOT RECEIVING; QUIESCED.**

Reason:

You or CA VM:Director tried to communicate with the indicated product service virtual machine, but that *userid* is quiesced and is not accepting requests. The command ends.

Action:

If you issued the command, try again in a few minutes. If CA VM:Director issued the command, wait for it to retry the command.

1077E

ERROR *code* INVOKING CMS COMMAND *command*.

Reason:

The CA VM:Director service virtual machine attempted to execute CMS command *command* on your virtual machine, but received the indicated error code.

Action:

Report this condition to your CA VM:Director system administrator.

1078E

TRY ISSUING THIS CA VM:Director COMMAND WHILE NOT IN FULLSCREEN CMS.

Reason:

After you entered the CMS SET FULLSCREEN ON command, you issued a CA VM:Director command. The CA VM:Director service virtual machine received an error (displayed in the accompanying message 1077E) from a CMS command. The command ends.

Action:

Enter the SET FULLSCREEN OFF command to exit full-screen CMS, and try the CA VM:Director command again.

1079E

PLEASE INFORM YOUR SYSTEM ADMINISTRATOR.

Reason:

A CA VM:Director command that you entered ended because of a previously detected condition, reported in message 1078E.

Action:

Report this condition to your CA VM:Director system administrator.

1080I

***vmxuserid* COMMAND HAS BEEN CANCELED.**

Reason:

The CA VM:Director service virtual machine, *vmxuserid*, severed the communications path with your user ID. The command ends with return code 100.

Action:

None.

1081E

FILE *filename filetype filemode* CONTAINS INVALID RECORD FORMATS.

Reason:

CA VM:Director tried to write the indicated file to your minidisk or SFS directory, but the length of one or more records in the file exceeds the allowable maximum. The command ends.

Action:

For assistance, contact Technical Support.

1082E

***vmxuserid* CANNOT BE ISSUED FROM THIS ENVIRONMENT.**

Reason:

A CA VM:Director command was invoked either from the CA VM:Director service virtual machine, *vmxuserid*, or while your user ID was already processing a CA VM:Director command. This command ends with return code -6.

Action:

If you are logged on to *vmxuserid*, enter the CA VM:Director command without the *vmxuserid* prefix. If you are not logged on to *vmxuserid*, end the current command, return to CMS, and enter the CA VM:Director command again.

1083I

CA VM:Director HAS BEEN TERMINATED.

Reason:

CA VM:Director has ended or been logged off, and the Inter-User Communication Vehicle (IUCV) connection with your user ID has been severed. The CA VM:Director command you entered ends with return code 45.

Action:

None.

1084S

ERROR *code processing*

Reason:

The indicated error code was received from the CMS PRINTL or PUNCHC macro while CA VM:Director wrote data to your virtual reader or virtual punch. The codes are explained below:

Print Code

1

The line being printed is too long for printer 00E.

2

A channel 12 indicator was detected in the virtual forms control buffer (VFCB) for virtual printer 00E.

3

A channel 9 indicator was detected in the virtual forms control buffer (VFCB) for virtual printer 00E.

4

A condition requiring intervention was received from virtual printer 00E.

5

An unknown error was received from virtual printer 00E.

100

Virtual printer 00E does not exist.

104

Insufficient storage is available.

Punch Code

2

A unit check condition was received from virtual card punch 00D.

3

An unknown error was received from virtual card punch 00D.

100

Virtual card punch 00D does not exist.

The function you tried to perform ends.

Action:

For assistance, contact Technical Support.

1085S

ERROR *code* READING FILE *filename filetype filemode* FROM DISK.

Reason:

The indicated error code was received from the CMS FSREAD macro while CA VM:Director was reading data from a disk file.

Common error codes include the following:

1

File not found; disk not accessed; insufficient authority.

3

I/O operation failed.

4

First character of *filemode* is invalid.

12

End of file received.

20

Invalid character detected in *filename*.

21

Invalid character detected in *filetype*.

25

Insufficient free virtual storage found for file system control blocks.

For a complete list of error codes, see the documentation on CMS application development. The function you tried to perform ends.

Action:

For assistance, contact Technical Support.

1086E

NO IUCV AUTHORIZATION EXISTS TO CONNECT TO *vmxuserid*.

Reason:

When you entered a command to CA VM:Director, the CMSIUCV CONNECT macro used to establish a connection between your userid and the CA VM:Director service virtual machine failed because the CA VM:Director machine, *vmxuserid*, is not authorized to accept Inter-User Communication Vehicle (IUCV) connections. An IUCV ALLOW record must be entered in the *vmxuserid* directory entry to authorize IUCV connections; currently, this record is not included. The command ends with return code 45.

Action:

Ask your CA VM:Director system administrator to add an IUCV ALLOW record to the *vmxuserid* directory entry and to set the maximum number of IUCV connections to 256 by specifying the following statement in the *vmxuserid* directory:

```
OPTION MAXCONN 256
```

Then, restart CA VM:Director. When CA VM:Director has initialized, enter the command again.

1087E

MAXIMUM NUMBER OF *client* CONNECTIONS HAVE BEEN EXCEEDED.

Reason:

When you entered a command to CA VM:Director, the CMSIUCV CONNECT macro used to establish a connection between your user ID and the CA VM:Director service virtual machine failed because the maximum number of Inter-User Communication Vehicle (IUCV) connections allowed for either your user ID or the CA VM:Director service virtual machine was exceeded. This usually occurs if the OPTION MAXCONN statement is not specified in a directory entry or if the existing maximum number of IUCV connections set in this option is too low. The command program ends with return code 45.

Action:

If the message indicates that the server connections were exceeded, ask the system administrator to modify the CA VM:Director directory entry by either adding the OPTION MAXCONN statement or by increasing the connection limit on this statement. After updating the directory entry, the system administrator must start CA VM:Director again.

If the message indicates that the user connections were exceeded, ask the system administrator to modify your user ID's directory entry either by adding the OPTION MAXCONN statement or by increasing the connection limit on this statement.

The system administrator can increase the maximum number of IUCV connections to 256 by specifying the following statement in the directory:

```
OPTION MAXCONN 256
```

When the directory is corrected, enter the command again.

1088E

***vmxuserid* HAS NOT INITIALIZED CA VM:Director.**

Reason:

You attempted to issue a CA VM:Director command to the CA VM:Director service virtual machine, *vmxuserid*. However, the CMSIUCV CONNECT macro used to establish a connection between your user ID and *vmxuserid* failed because CA VM:Director has not been started on *vmxuserid.* The *vmxuserid* program ends.

Action:

Enter the command again later. If the problem persists, ask your CA VM:Director system administrator to start CA VM:Director on *vmxuserid*.

1089E

***vmxuserid* IS NOT LOGGED ON.**

Reason:

You attempted to issue a CA VM:Director command to the CA VM:Director service virtual machine, *vmxuserid*, but the CMSIUCV CONNECT macro used to establish a connection between your user ID and *vmxuserid* failed because *vmxuserid* is not logged on.

Action:

Ask your CA VM:Director system administrator to log on to *vmxuserid* and start CA VM:Director. When CA VM:Director has initialized, enter the command again.

1090S

ERROR *code* WRITING FILE *filename filetype filemode* ON DISK.

Reason:

CA VM:Director received the indicated error code from the CMS FSWRITE macro while writing data to a disk file.

Common error codes follow:

1

Insufficient authority is available to write to the file.

3

I/O operation failed.

4

The first character of file mode is invalid or disk is not accessed.

5

The second character of *filemode* is invalid.

12

Minidisk or directory is not accessed read/write.

20

Invalid character was detected in *filename*.

21

Invalid character was detected in *filetype*.

25

Insufficient free virtual storage was found for file system control blocks.

For a complete list of error codes, see the documentation for CMS application development. The function you tried to perform ends.

Action:

For assistance, contact Technical Support.

1091E

COMMAND LENGTH CANNOT EXCEED 256 CHARACTERS.

Reason:

You attempted to issue a CA VM:Director command that was more than 256 characters long to the CA VM:Director service virtual machine. The command ends with return code 100.

Action:

Enter the command again, this time ensuring that the command contains a maximum of 256 characters.

1092E

BUFFER AREA EXHAUSTED.

Reason:

A programming error occurred while your user ID attempted to communicate with the CA VM:Director service virtual machine. The CA VM:Director command being processed cannot continue and ends with a CMS ABEND code 222.

Action:

Ask your CA VM:Director system administrator to contact Technical Support.

1093E

RECURSIVE USE OF *vmxuserid* INVALID.

Reason:

You entered the *vmxuserid* command when it was already active on your virtual machine. The *vmxuserid* command passes CA VM:Director commands to the CA VM:Director service virtual machine, which is also named *vmxuserid*. The command ends with return code 100.

Action:

Wait for the *vmxuserid* command to complete before issuing it again.

1094E

EXCESSIVE NUMBER OF PARAMETERS SPECIFIED.

Reason:

More than 32 tokens (words on the command line) were specified on a command used to pass CA VM:Director commands to the CA VM:Director service virtual machine when invoked from an assembler program without an extended PLIST. You must use an extended PLIST to specify more than 32 tokens. The command ends with return code 100. No data is transmitted to the CA VM:Director service virtual machine.

Action:

Invoke the CA VM:Director command with an extended PLIST. Refer to the IBM documentation on programming under CMS for more information.

1095E

ORDER REQUIRING A REPLY IS NOT THE LAST IN THE BUFFER.

Reason:

A programming error occurred while your user ID attempted to communicate with the CA VM:Director service virtual machine. This message indicates a problem with CA VM:Director. The command ends with return code 100.

Action:

Ask your CA VM:Director system administrator to contact Technical Support.

1096E

INVALID MESSAGE LENGTH *length* RECEIVED - ORDER NUMBER *code*.

Reason:

A programming error occurred while CA VM:Director was processing your command. An invalid order was received and could not be processed. This message indicates a problem with CA VM:Director. The command ends with return code 100.

Action:

Ask your CA VM:Director system administrator to contact Technical Support.

1097E

BUFFER OVERFLOW - ORDER NUMBER *code*.

Reason:

A programming error occurred while CA VM:Director was processing your command. This message indicates a problem with CA VM:Director. The command ends with return code 100.

Action:

Ask your CA VM:Director system administrator to contact Technical Support.

1098E

INVALID ORDER NUMBER *code* RECEIVED.

Reason:

A programming error occurred while CA VM:Director was processing your command. An invalid order number was received and could not be processed. This message indicates a problem with CA VM:Director. The command ends with return code 100.

Action:

Ask your CA VM:Director system administrator to contact Technical Support.

1099E

***mode* ERROR TYPE *type*, CODE *code*.**

Reason:

An Inter-User Communication Vehicle (IUCV) error occurred while your user ID attempted to communicate with the CA VM:Director service virtual machine. This message indicates a problem with CA VM:Director.

Possible modes are CMSIUCV, IUCV, APPCVM, and APPC/VM.

The possible error types are as follows:

1

Error code *code* was received from the CMS HNDIUCV macro instruction.

2

Error code *code* was received from the CMS CMSIUCV CONNECT macro instruction.

3

Rejection code *code* was received in response to a CMSIUCV CONNECT macro instruction.

4

Error code *code* was received from the IUCV SEND macro instruction.

5

Interrupt code *code* was received in response to an IUCV SEND macro instruction.

The command ends with return code 32.

Action:

Ask your CA VM:Director system administrator to contact Technical Support.

7002E

YOU ARE NOT AUTHORIZED TO MANAGE USER *userid*

Reason:

You are trying to delete a file space and do not have MANAGE authorization for *userid*.

Action:

You cannot delete this file space. For proper authorization place appropriate authorization records in the AUTHORIZ CONFIG file.

7003E

SFS ERROR REASON CODE *reascode* DURING *operation* FOR *userid filepoolid*

Reason:

An unexpected error has occurred during the operation identified. The reason code associated with the error is provided in the message.

Action:

Determine the cause of error from SFS documentation. Correct and retry the operation.

7004I

userid* DELETED FROM FILE POOL *filepoolid

Reason:

You have requested that the user's file space be deleted from a file pool and the operation completed successfully.

Action:

None.

7005E

ERROR CODE *nn* IN FILEPOOL RENAME *userid1 userid2 filepoolid*

Reason:

An error occurred during a rename operation for *userid1* while processing a CHANGE or ASSIGN command. The error code identifies the error code returned from a CMS FILEPOOL RENAME command.

Action:

Determine the cause of error from CMS documentation, correct the problem, and retry the operation.

7006E

***userid* IS NOT DEFINED AS AN SFS MANAGER**

Reason:

You are attempting to perform a function for which *userid* must have SFS manager authority.

Action:

Obtain SFS manager authority from an administrator before retrying the operation.

7007E

YOU ARE NOT ALLOWED TO ENROLL *userid*

Reason:

You are attempting to enroll *userid* into a file pool but are neither the manager for the user nor do you have SFS administration authority.

Action:

Obtain the appropriate authority before retrying the enroll process.

7008E

INVALID KEY '*pfkey*'

Reason:

You pressed a PF key that is not defined for the screen currently displayed. Processing continues with no changes.

Action:

Press a valid PF key or another action key to perform the function you want to execute.

7009E

STORAGE GROUP 1 IS RESERVED

Reason:

You are trying to enroll a user into storage group 1. This is invalid. Storage group 1 is only used by the SFS file pool server.

Action:

Retry the enroll specifying a different storage group for which you are authorized.

7010E

NO AUTHORIZATION EXISTS TO ENROLL USER *userid* IN FILE POOL *filepoolid*

Reason:

You are trying to enroll a user in a file pool for which the user's manager has no authority defined.

Action:

Try another file pool for which authority is available or obtain authorization for the file pool in which you are trying to enroll the user.

7011E

UNABLE TO ALLOCATE SPACE IN *filepoolid* STORAGE GROUP *nn* CODE: *code*

Reason:

An error occurred checking the availability of space in the storage group in which you are trying to enroll the user. This is probably caused by an internal programming error.

Action:

Contact Technical Support and provide the message number with the error code.

7012E

serverid* NOT AUTHORIZED IN FILE POOL *filepoolid

Reason:

The virtual machine *serverid* which is running CA VM:Director has not been given administrator authority in file pool *filepoolid*.

Action:

Use the CMS ENROLL ADMINISTRATOR command to give the server the authority it requires or place the name of the server on the ADMIN record in the DMSPARMS file of the file pool server machine.

7013E

userid* ALREADY ENROLLED IN FILE POOL *filepoolid

Reason:

You are attempting to enroll *userid* in a file pool where a file space of the same name already exists.

Action:

You cannot enroll a user multiple times in the same file pool. If you want to give the user more space, use the MODIFY command to expand the allocation in the current file pool or enroll the user in another file pool.

7014E

FILE POOL NAME *filepoolid* IS INVALID

Reason:

The file pool shown is not a valid file pool.

Action:

Reissue the command, specifying a valid file pool.

7015I

userid* ENROLLED IN FILE POOL *filepoolid

Reason:

The request to enroll *userid* in the indicated file pool was successful.

Action:

None.

7016E

INVALID NUMBER OF BLOCKS *blocks*

Reason:

An incorrect or invalid number of blocks was specified on a command. The command fails.

Action:

See the *Reference Guide* for details on the proper specification of the number of blocks that are acceptable for the specific command you are executing. Enter the command again, specifying the number of blocks to be one that is expected and allowed.

7017E

INVALID STORAGE GROUP NUMBER *nn*

Reason:

There are two possible reasons for this message:

- The storage group identifier specified in the command was non-numeric.
- The storage group is numeric but not defined in the CA VM:Director SFS CONFIG file.

Action:

If the storage group entered was non-numeric, issue the command again, specifying a numeric storage group identifier.

If the storage group was not defined, use the CONFIG SFS command to define a user storage group. Issue the command again, specifying the correct user storage group.

7018E

CAN'T OPEN *filename filetype* TO UPDATE IPL RECORD

Reason:

The user's directory entry could not be opened to update the IPL record as requested.

Action:

Determine the cause of error, correct it, and retry the command.

7019W

NO IPL STATEMENT TO UPDATE FOR USER *userid*

Reason:

You requested that the user's directory IPL statement be updated, but no IPL record was found.

Action:

Use the CA VM:Director MANAGE, USER, or MAINT command to add an IPL record, specifying the file pool you want to have as the user's default.

7020W

IPL ALREADY SPECIFIES A FILEPOOL FOR USER *userid*

Reason:

You requested that the user's directory IPL statement be updated but the current IPL record already specifies a file pool.

Action:

If you want to change the file pool already specified on the IPL record, you should use the CA VM:Director MANAGE, USER, or MAINT command.

7021I

IPL RECORD UPDATED

Reason:

Your request to update the user's IPL statement has completed successfully.

Action:

None.

7022E

YOU ARE NOT AUTHORIZED TO MANAGE *userid* IN *filepoolid*

Reason:

Although you have SFS manager authority, you do not have authority to manage this file pool and this user.

Action:

Obtain management authority over the requested file pool.

7023E

INCOMPATIBLE ENTRIES *field-1 field-2*

Reason:

You cannot put information in both *field-1* and *field-2*.

Action:

Choose one or other of the fields and retry the operation.

7024E

YOU ARE NOT AUTHORIZED TO MANAGE *userid*

Reason:

You do not have MANAGE authority over the requested *userid*.

Action:

Obtain appropriate authority before retrying the operation.

7025E

userid* NOT YET ENROLLED IN FILE POOL *filepoolid

Reason:

You are trying to change the file space allocation for *userid* which has not yet been enrolled in the specified file pool.

Action:

Specify another user ID, or enroll this user.

7026E

NO CHANGE SPECIFIED FOR *userid*

Reason:

You have not requested any change in allocation.

Action:

Specify an allocation change and retry the command.

7027E

ERROR *nn* DURING MODIFY PROCESSING FOR *userid*

Reason:

An error occurred during the execution of a CMS MODIFY command. The return code from this command is shown.

Action:

Determine the problem by reading the CMS documentation, correct it, then enter the command again.

7028E

USERID REQUIRED

Reason:

The command you are trying to use requires you to specify a user ID.

Action:

Re-issue the command specifying a user ID.

7029E

MISSING FILEPOOL

Reason:

You have specified the FILEPOOL option on the command line but have not specified which file pool to process.

Action:

Re-issue the command, specifying the required file pool.

7030E

INVALID STORAGE GROUP OVERALLOCATION LIMIT *limit*.

Reason:

You have entered an invalid value for the storage group overallocation limit. This value must be a whole number greater than or equal to 100.

Action:

Enter an acceptable value. Refer to the online help information for more details.

7033E

ERROR IN DIRECTORY NAME *dirname* PROVIDED BY PREMOVE USEREXIT

Reason:

The PREMOVE user exit returned the directory name *dirname*, which is not valid.

Action:

Correct the PREMOVE user exit to return a valid directory name.

7034E

ERROR *code* CREATING DIRECTORY *dirname* FOR *userid*

Reason:

CMS was unable to create the directory *dirname*. The error code identifies the error from the CMS CREATE DIRECTORY command.

Action:

Identify the source of error and correct it before retrying the operation.

7036E

***program-name* MODULE/EXEC NOT FOUND**

Reason:

CA VM:Director could not find the required command file *program-name* on any accessed disk or directory. If you are using the CHANGE command and *program-name* is FILEPOOL, the problem is that the FILEPOOL EXEC is not on an accessed minidisk. This EXEC is required. Typically, it is loaded to MAINT's 193 minidisk.

Action:

Ensure that the module is available to CA VM:Director before retrying the operation.

7054I

SFS ALLOCATION FOR *userid* IN FILE POOL *filepoolid* STORAGE GROUP *nn*

Reason:

Following the successful migration of data to SFS for minidisks, the allocation results are displayed in message 7055I.

Action:

None.

7055I

USED : *xx* BLOCKS (*yy*%) OUT OF *zz*

Reason:

The migration of minidisk data is complete and the user currently is using *xx* blocks of SFS storage. These represent *yy* percent of the user's total allocation of *zz* blocks in this file pool.

Action:

None.

7056E

'*nn*' IS AN INVALID SELECTION

Reason:

You have entered an invalid selection on the screen.

Action:

Select a valid item and retry.

7059I

BEGINNING OF DATA

Reason:

You attempted to scroll backwards through a list of items but are at the beginning of the list.

Action:

None.

7060I

END OF DATA

Reason:

You attempted to scroll forward through a list of items but are at the end of the list.

Action:

None.

7063E

EXTRANEOUS PARAMETER(S) ***parameters***

Reason:

You have specified too many parameters on the command line. The parameters shown are extraneous.

Action:

Re-issue the command with valid parameters.

7065E

FILE POOL ***filepoolid*** **NOT RESPONDING TO REQUESTS**

Reason:

The specified file pool is unknown or unavailable and no communication with it is possible.

Action:

Ensure the file pool name is correct. If it is, then ensure the file pool is in service before retrying the operation.

7066E

userid **NOT** ***processed*****, LIMITS EXCEEDED FOR** ***filepoolid*** **STORAGE GROUP** ***nn***

Reason:

You are trying to enroll, modify, or rename a user but your allocation limits would be exceeded by doing so. These may be your own storage group limits or more global limits set for the file pool or storage group by the installation.

Action:

Try another storage group or file pool. Alternatively, obtain higher allocation limits before retrying the enroll, modify, or rename function.

7067E

***filepoolid* IS NOT A VALID FILE POOL NAME**

Reason:

The *filepoolid* you have specified is not managed by CA VM:Director.

Action:

Specify a valid *filepoolid* or ensure the required file pool is managed by CA VM:Director before retrying the operation.

7068E

YOU ARE NOT AUTHORIZED TO WORK WITH *userid*

Reason:

You do not have SFSADMIN authority or MANAGE authority for the indicated *userid*. Check the AUTHORIZ CONFIG file to see if there is a GRANT SFSADMIN record or a GRANT MANAGE record for your user ID. You may also need to check the allocation limits for your user ID. To do so, use the ADMIN SFSMGRS command to display the SFS Managers Configuration Menu.

Action:

Obtain the appropriate authority and retry the operation.

7070E

userid* IS ALREADY AUTHORIZED TO USE STORAGE GROUP *nn* IN *filepoolid

Reason:

You are trying to authorize a manager to use a storage group but the manager already holds that authorization.

Action:

If you entered the wrong storage group number, re-enter the correct one and issue the command again. Otherwise, no action is needed.

7073E

userid* IS NOT AUTHORIZED FOR STORAGE GROUP *nn* IN FILE POOL *filepoolid

Reason:

You are trying to remove a manager's authority to allocate in a particular storage group of a file pool. The manager does not have any allocation authority in the target storage group.

Action:

If you entered the wrong storage group number, re-enter the correct one and issue the command again. Otherwise, no action is needed.

7074E

YOU ARE NOT AUTHORIZED TO ISSUE 'QUERY FILEPOOL'

Reason:

You issued the QUERY FILEPOOL command but do not have SFS ADMIN authority.

Action:

Obtain SFS ADMIN authority before retrying the command. If you are an SFS MANAGER then the QUERY SFS command may be of use to you.

7075E

NO SFS FILE POOLS ARE DEFINED

Reason:

You issued the QUERY FILEPOOL command but CA VM:Director does not have any managed file pools defined.

Action:

None.

7079E

ITEM NOT FOUND

Reason:

You issued a query for an item for which no information was available.

Action:

Retry the query with a valid target item.

7080E

***userid* NAME ALREADY USED AS A FILE SPACE**

Reason:

You are attempting to create *userid* that has the same name as an existing file space. This is not valid.

Action:

Choose a different user ID and retry the command.

7081E

userid* NOT ENROLLED IN *filepoolid

Reason:

You are trying to delete *userid* from a file pool but the user ID is not enrolled in that file pool.

Action:

Retry the command with a valid user ID

7082E

REQUIRED FIELD *fieldname* NOT PROVIDED

Reason:

No information was provided for the required field shown.

Action:

Complete the required fields before retrying the function.

7083I

FILE SPACE ALLOCATION FOR *userid* NOW *xx* BLOCKS, *yy*(*zz%*) IN USE

Reason:

You have requested that a user's file space allocation be changed. The new allocation is shown.

Action:

None.

7084I

SFS CONFIGURATION UPDATED FOR MANAGER *userid*

Reason:

You have changed the configuration authorization for the manager shown.

Action:

None.

7087E

FILE POOL *filepoolid* DOES NOT SUPPORT *unsupported-item*

Reason:

The file pool shown cannot perform the requested function due to its service level or operating system constraints.

Action:

You should consider upgrading to the most current release or service to allow you to use function.

7088I

FILE POOL *filepoolid* HAS NO DISABLE LOCKS

Reason:

You requested a list of all disable locks for the file pool and none exist.

Action:

None.

7089I

FILE SPACE *userid* DISABLED IN *filepoolid*

Reason:

You requested a list of all disable locks for the file pool and the file space identified is disabled.

Action:

None.

7090W

FILE SPACE *userid* REMAINS ENABLED IN *filepoolid*

Reason:

You placed the indicated *userid* on hold but the file pool identified is unable to disable access to the user's file space. The file space remains enabled in the file pool shown.

Action:

None.

7091I

FILE SPACE *userid1* RENAMED *to userid2* IN FILE POOL *filepoolid*

Reason:

You used the CA VM:Director CHANGE or ASSIGN command to rename *userid* and the file space belonging to that user ID has been renamed also.

Action:

None.

7092W

***userid* ADMINISTRATOR FILE SPACE RENAMED -- NOW HAS NO SFS ADMINISTRATOR AUTHORITY**

Reason:

You have renamed *userid*; the file space belonging to the user ID has also been renamed. In the process, CMS has removed the CMS native administrator authority which the original user ID had.

Action:

This may be acceptable, because CA VM:Director issues most of the administration commands. If this new user ID should have native CMS SFS administrator authority, you will need to establish it with the CMS ENROLL ADMINISTRATOR command or change the ADMIN record in the DMSPARMS file of the file pool server machine.

7093W

FILE SPACE ENABLE FOR *userid* NOT SUPPORTED BY *filepoolid*

Reason:

You are reactivating a user and CA VM:Director tries to re-enable a file space for the user in *filepoolid*. This file pool does not support the enable file space or disable file space function.

Action:

None; the file space will remain in an enabled state. You may want to consider upgrading to a release of CMS that supports this function.

7094E

ERROR CODE *code* FROM DMSENFS *userid filepoolid*

Reason:

You are reactivating *userid* and an SFS reason code has been detected trying to enable the user's file space.

Action:

Determine the cause of the error, correct it, and retry.

7095I

FILE SPACE *userid* ENABLED IN *filepoolid*

Reason:

You have requested that *userid* be reactivated and the user's file space has been re-enabled.

Action:

None.

7098E

UNABLE TO VERIFY STATUS OF FILE SPACE *userid*. ONE OR MORE FILE POOLS ARE UNAVAILABLE.

Reason:

You are trying to create or manage a user ID or file space but one or more of the file pools managed by CA VM:Director are unavailable. You cannot create *userid* if it cannot be verified that the name being used is not already in use as a file space name. You cannot modify the status of a file space unless the file pool in which the file space exists is available.

Action:

Ensure that all CA VM:Director managed file pools are available before retrying the operation.

7103E

HELP FILE *filename* NOT FOUND

Reason:

You have requested help but the file containing the help information could not be located on any accessed minidisk or directory.

Action:

Make the help files available to the CA VM:Director service virtual machine.

7108I

USERID *userid* IS NO LONGER AN SFS MANAGER

Reason:

You have deleted all the authorities for an SFS manager.

Action:

None.

7109E

USERID *userid* IS NOT AN SFS MANAGER

Reason:

You have requested to delete the authorizations for an SFS manager but the user specified does not have SFS management authority.

Action:

Be sure you have specified the correct user ID.

7111E

***userid* ALREADY IS AN SFS MANAGER**

Reason:

You are trying to use a linemode command to add an SFS manager to the configuration but the manager already is defined.

Action:

To give this manager further authorizations you must use the full screen interface.

7114E

MANAGER OF *userid*, *managerid*, IS NOT AN SFS MANAGER; NO DEFAULTS AVAILABLE

Reason:

An attempt to enroll *userid* into SFS failed because the user ID's directory manager is not an SFS manager.

Action:

Use the ADMIN SFSMGRS command to make the user ID's directory manager an SFS manager.

7115I

NO CHANGES MADE

Reason:

You did not confirm a request to change authorizations. No changes were made to the configuration.

Action:

None.

7116E

NO DEFAULT STORAGE GROUP AVAILABLE

Reason:

You are an SFS administrator enrolling a user but have no default storage group.

Action:

You must specify a storage group to enroll the user.

7117E

COMMAND REJECTED -- FILE POOL *filepoolid* CANNOT PROCESS REQUEST

Reason:

You are trying to rename a user ID with the CHANGE command but the file pool shown is unable to rename the user's file space.

Action:

The command is rejected. You cannot change a user's name if any file pool in which the user ID is enrolled cannot process a rename request for the file space.

7121E

STORAGE GROUP *nn* IN *filepoolid* OVERALLOCATION LIMIT EXCEEDED.

Reason:

You are trying to enroll a user or modify a file space allocation and the installation limit of overallocation for the storage group would be exceeded by performing the enroll or modify operation.

Action:

Choose another storage group or have the overallocation limit raised for the storage group.

7122E

NO STORAGE GROUP ALLOCATION RECORD FOUND FOR *stg-grp* IN *filepoolid*

Reason:

Mandatory storage group control is in effect but no SGC record was found in the configuration file.

Action:

Configure an SGC record for this storage group before retrying the operation.

7124I

STORAGE GROUP *stg-grp* IN *filepoolid* ALLOCATION LIMIT *percent%*

Reason:

You have just set the storage group overallocation limit to the indicated percentage.

Action:

None.

7125W

DATA MAY BE INCOMPLETE AS NOT ALL SFS FILE POOLS ARE AVAILABLE.

Reason:

You have issued a QUERY or ULIST command and not all file pools that CA VM:Director manages are currently available. Without these file pools, the totals for current utilization may be incomplete for the users listed.

Action:

If required, reissue the command when all file pools are available. To determine which file pools are available and which are not, issue the QUERY FILEPOOL or QUERY SFS command.

7126E

STORAGE GROUP *stg-grp* IN *filepoolid* IS NOT AVAILABLE FOR YOUR USE.

Reason:

You are not authorized to use this storage group in the specified file pool.

Action:

You may choose either an alternative storage group or an alternative file pool or both and retry the command.

7127E

YOU ARE NOT AUTHORIZED TO MANAGE SFS ADMINISTRATORS

Reason:

You are trying to authorize a user as a CA VM:Director SFS administrator. You are not a CA VM:Director SFS administrator and this authority is required to perform this function.

Action:

Obtain the proper authority before retrying the command.

7131E

YOU ARE TRYING TO DELETE TOO MUCH STORAGE FOR *userid*

Reason:

You have issued the MODIFY command but have requested that the resulting allocation be less than zero.

Action:

Retry the command with a different increment/decrement or absolute value.

7134W

MANAGER *managerid* IS NOT AUTHORIZED FOR *filepoolid* STORAGE GROUP *stg-grp*

Reason:

The command cannot continue because manager *managerid* is not authorized to use storage group *stg-grp* in file pool *filepoolid*.

Action:

Reissue the command, specifying a different storage group.

7200E

INTERNAL ERROR '*nn*' IN *error-location*

Reason:

A programming error occurred at the indicated location. The error code provides debugging information.

Action:

Report the message with the error code to Technical Support.

7223E

ERROR *code* FROM *command*

Reason:

CA VM:Director received this error code while executing *command*.

Action:

Evaluate the return code against the documentation for the command. Act based on the return code.

7224E

UNABLE TO DELETE STORAGE GROUP *nn* BECAUSE MANAGER(S) STILL HAS AN ALLOCATION OF *number* BLOCKS

Reason:

A user is attempting to delete a storage group but is unable to do so because one or more managers have an allocation in the storage group totaling *number* blocks.

Action:

Delete all allocations from a storage group before deleting the group.

7225I

STORAGE GROUP *nn* DELETED FROM MANAGER *managerid*

Reason:

A user deleted the indicated storage group from SFS manager *managerid*.

Action:

None.

7226E

UNABLE TO DELETE STORAGE GROUP *nn* BECAUSE IT IS THE ONLY GROUP FOR THIS FILE POOL

Reason:

A user is attempting to delete a storage group (*nn*) and is unable to do so. Each file pool defined to CA VM:Director must have at least one storage group.

Action:

Add another storage group before deleting this one or delete the entire file pool from CA VM:Director.

7227E

UNABLE TO DELETE FILE POOL *filepoolid* BECAUSE IT STILL HAS ALLOCATIONS FROM IT

Reason:

A user is attempting to delete a file pool. You cannot delete a file pool unless there are no allocations from it.

Action:

Delete all users from the file pool before deleting the file pool.

7228E

UNABLE TO DELETE FILE POOL f*ilepoolid* BECAUSE IT IS THE ONLY POOL FOR THIS MANAGER

Reason:

A user is attempting to delete authority to use a file pool from a manager. An SFS manager must always have authority for at least one file pool.

Action:

Add authority for another file pool to the manager before deleting this pool or delete the SFS Manager.

7229I

FILE POOL *filepoolid* DELETED FROM MANAGER *managerid*

Reason:

A user deleted authority to use file pool *filepoolid* from SFS manager *managerid*.

Action:

None.

7230E

UNABLE TO DELETE MANAGER *managerid* BECAUSE IT STILL HAS ALLOCATIONS IN AT LEAST ONE FILE POOL

Reason:

A user is attempting to delete an SFS manager but the SFS manager still has allocations. You cannot delete an SFS manager unless all allocations by the manager are cleared.

Action:

Delete all allocations by the manager or assign the users with allocations to a different SFS manager.

7231E

FILE POOL *filepoolid* ALREADY EXISTS

Reason:

A user is attempting to define a new file pool to CA VM:Director, but the file pool is already defined to CA VM:Director.

Action:

Use the file pool or define a different name.

7232I

FILE POOL *filepoolid* ADDED TO CONFIGURATION

Reason:

A user added file pool *filepoolid* to CA VM:Director.

Action:

None.

7233I

STORAGE GROUP *nn* DELETED.

Reason:

A user deleted storage group *nn*.

Action:

None.

7234E

STORAGE GROUP *nn* IS ALREADY DEFINED.

Reason:

A user is attempting to define a new storage group, but the storage group already is defined to CA VM:Director.

Action:

Define a different storage group number or use the existing one.

7235I

FILE POOL *filepoolid* DELETED.

Reason:

A user deleted file pool *filepoolid*.

Action:

None.

7236E

UNEXPECTED RETURN CODE *code*, REASON CODE *reasoncode* FROM '*cslname*'

Reason:

An error occurred when CA VM:Director used the CSL routine *cslname*.

Action:

Evaluate the return code and the reason code in the CMS application development reference documentation for the indicated CSL call. Act based on this response.

7237I

STORAGE GROUP *nn* ADDED TO CONFIGURATION

Reason:

A user added the indicated storage group to CA VM:Director.

Action:

None.

7238E

USER STORAGE GROUP REQUIRED

Reason:

A user issued a command which required a storage group, which was not provided.

Action:

Reissue the command, specifying the user storage group.

7239I

userid vaddr* MIGRATED TO *dirid

Reason:

A user used the CA VM:Director MOVE2SFS command to migrate *userid*'s minidisk *vaddr* to the SFS directory *dirid*.

Action:

None.

7240E

ERROR *code* ACCESSING DIRECTORY *dirid*

Reason:

A user used the CA VM:Director MOVE2SFS command to migrate a user to SFS. While processing this command, CA VM:Director was unable to access the indicated SFS directory. The error code was returned by the CMS ACCESS command.

Action:

Use the CMS command reference documentation to diagnose the error and correct. Retry the command.

7241I

PROCESSING *userid vaddr*

Reason:

A user is using the CA VM:Director MOVE2SFS command to migrate a user to SFS. CA VM:Director is currently migrating *userid*'s minidisk *vaddr*.

Action:

None.

7242I

FILE POOL *filepoolid* HAS BEEN RE-SYNCHRONIZED

Reason:

A user is using the Re-Synch option of the CA VM:Director SFS CONFIG menu. The resynchronization is complete and was successful.

Action:

None.

7243I

FILE POOL *filepoolid* IS NOW THE DEFAULT FILE POOL

Reason:

A user used the CA VM:Director ADMIN SFSMGRS to assign a new file pool as the default for a manager.

Action:

None.

7244E

USER *userid vaddr* NOT MIGRATED DUE TO ERROR IN '*function*'

Reason:

The CA VM:Director MOVE2SFS command encountered an error in the specified function while processing the specified minidisk. Processing continues with the next minidisk if more are to be moved.

Action:

If possible, try to determine the cause of the error and correct it. Reissue the CA VM:Director MOVE2SFS command specifying just the one minidisk that had the error.

7245E

NO USERS FOUND IN POOL *filepoolid*; FILE POOL NOT ADDED TO CONFIGURATION

Reason:

During an AUTO-CONFIG, the target file pool was determined to have either no file spaces at all or no file spaces with a corresponding user ID in the local VM system. CA VM:Director cannot automatically add a file pool to its configuration unless at least one active use ID is enrolled in the file pool.

Action:

Manually add the file pool or enroll at least one user ID before using AUTO-CONFIG.

7246E

NO DEFAULT BLOCKS AVAILABLE

Reason:

You entered a command for which the default number of blocks is not available.

Action:

Enter the command again, explicitly specifying the number of blocks.

7247E

FILE SPACE '*dirid*' ALREADY EXISTS

Reason:

During a MOVE2SFS command, the target SFS directory (*dirid*) was found to already exist. CA VM:Director did not change the directory, did not move the data, and did not delete the minidisk (if it was requested on the command). Processing continues to the next minidisk for the user.

Action:

Rename or delete the SFS directory and reissue the MOVE2SFS command.

7248E

CA VM:Director DOES NOT MANAGE FILE POOL *poolname*.

Reason:

You entered a command, such as DELENTRY, that caused CA VM:Director to try to delete a file space; however, CA VM:Director does not manage the file pool in which the file space resides. This problem occurs when there is an invalid *FP= record in the directory entry of the user that owns the file space. This record is invalid because it identifies a file pool that CA VM:Director does not manage. Most likely, someone copied this directory entry from a system on which CA VM:Director does manage the specified file pool. The file space is not deleted.

Action:

Use the EDIT command to remove the invalid *FP= record, and then try your command again.

Chapter 3: Common Nucleus Messages

CA Technologies VM Common Nucleus is a collection of services and routines shared by several products from CA Technologies, designed to improve reliability and maintainability.

This chapter lists the CA VM Common Nucleus messages used by CA VM:Director.

Note: In this chapter, *svmuserid* is a generic term for the service machine user id. By default, the service machine user id is VMDIRECT.

1101I

DEVICE AT *vaddr* HAS BEEN DETACHED.

Reason:

At initialization, CA VM:Director detaches devices at virtual addresses 0D0-0DF, 0E0-0FF, and 200-2FF to allow CA VM:Director to use these addresses for punches, printers, and minidisks respectively. This message is issued during initialization only if the device detached is a minidisk.

Action:

None, if the minidisk is not required for CA VM:Director operation. If the minidisk is needed, either link the minidisk at a valid virtual address or identify the virtual address on the RESVADDR configuration record. For more information on the RESVADDR record, refer to the *Reference Guide*.

1102W

CA VM:Director IS WAITING FOR THE DETACH COMMAND TO COMPLETE FOR THE MINIDISK AT VIRTUAL ADDRESS *vaddr*.

Reason:

CA VM:Director issued the CP DETACH command for the minidisk at virtual address *vaddr* and is waiting for the command to complete. This may indicate a problem with CA VM:Director.

Action:

If this message is issued repeatedly, ask your CA VM:Director system administrator to contact Technical Support.

1103I

CA VM:Director ENDED: *ddmmmyy hh:mm:ss*.

Reason:

CA VM:Director system execution ended because the END command was entered, initialization failed, or a system abnormal termination occurred. Control is returned to CMS.

Action:

If the END command was issued, no action is required. If a system abnormal termination occurred or if initialization failed, this message will be accompanied by other messages describing the specific problem. Refer to these messages for more information.

1104E

ERROR OCCURRED ACCESSING THE *disktype* MINIDISK AT *vaddr* (RETURN CODE=*code*).

Reason:

During initialization, CA VM:Director could not access the indicated type of minidisk. CA VM:Director initialization fails.

Action:

Make sure the minidisk at the indicated virtual address is linked and formatted before starting CA VM:Director again. If CA VM:Director initialization fails again, your CA VM:Director system administrator must contact Technical Support.

1105I

USE OF DIAGNOSE X'D4' HAS BEEN VERIFIED.

Reason:

You specified that CA VM:Director is to use the surrogate or alternate user ID facility. CA VM:Director must be able to use the indicated DIAGNOSE to use the surrogate or alternate user ID facility. This message indicates that CA VM:Director has verified that it can use the DIAGNOSE. Initialization continues.

Action:

None.

1106I

CA VM:Director IS NOT AUTHORIZED TO INTERFACE WITH THE SECURITY SYSTEM.

Reason:

CA VM:Director is configured to use the surrogate or alternate user ID facility, but CA VM:Director is not authorized to use CP DIAGNOSE X'D4', which is needed by the facility.

If the configuration explicitly specifies that CA VM:Director is to use the security facility, initialization ends. If the configuration does not explicitly state whether the security facility is to be used, initialization continues.

Action:

To use the surrogate or alternate user ID facility, the security administrator must authorize CA VM:Director to use DIAGNOSE X'D4'.

1107I

SECURITY SYSTEM INTERFACE IS NOT INSTALLED IN CP.

Reason:

You indicated, either implicitly or explicitly, that CA VM:Director is to use the surrogate facility. However, the security system interface, also known as the Access Control Interface (ACI), is not installed on your system. ACI must be installed on your system for CA VM:Director to use the surrogate facility. If the configuration explicitly specifies that CA VM:Director is to use the surrogate facility, initialization ends.

If the configuration does not explicitly specify whether the surrogate facility is to be used, initialization continues; CA VM:Director issues message 1108I to explain that CA VM:Director will not try to use the security system (for example, RACF) at your site.

Action:

If you do not want to receive this message, the CA VM:Director system administrator must remove the surrogate specification from the CA VM:Director configuration.

1108I

CA VM:Director WILL NOT INTERFACE WITH THE SECURITY SYSTEM.

Reason:

CA VM:Director tried to interface with your security system (for example, RACF) but could not because of problems with the security system interface, with the security system itself, or because CA VM:Director is not authorized to interface with the security system interface. This message is preceded by message 1106I, 1107I, or 1140I to identify the cause of the problem. CA VM:Director does not use the surrogate or alternate user ID facility and initialization continues.

Action:

Refer to message 1106I, 1107I, or 1140I.

1109I

SECURITY SYSTEM SERVICE VIRTUAL MACHINE IS NOT AVAILABLE.

Reason:

You specified that CA VM:Director is to use the surrogate facility, but CA VM:Director cannot interface with the security system at your site, because the service virtual machine for the security system is unavailable. CA VM:Director received return code 032 from the surrogate DIAGNOSE instruction (DIAGNOSE X'A0' function X'10'). CA VM:Director also issues message 1114R every time the surrogate request is made. Refer to message 1114R for more information.

Action:

Refer to message 1114R. Notify the appropriate systems personnel of the problem with your security system.

1110I

ENTER: *commandline*.

Reason:

This message reflects the command line that was just entered from the CA VM:Director service virtual machine on a display terminal. If you enter a null line on a line-mode terminal, this message acts as a prompt for you to enter a command. On a display terminal, the command begins; on a line-mode terminal, CA VM:Director waits for you to respond.

Action:

None.

1111I

BEGINNING COMMAND: *commandline*.

Reason:

CA VM:Director displays this message on its service virtual machine when a command, entered from either the CA VM:Director service virtual machine or another user ID, begins to execute. Processing continues.

Action:

None.

1112I

ENDING COMMAND *command* WITH COMPLETION CODE *code*.

Reason:

CA VM:Director displays this message on its service virtual machine when the indicated command, entered from either the CA VM:Director service virtual machine or another user ID, completes. If *code* is zero, the command completed successfully. If *code* is not zero, CA VM:Director sends error messages describing the problem to the user ID that issued the command.

Action:

Respond to each error message CA VM:Director sends, if appropriate.

1113I

SECURITY SYSTEM SERVICE VIRTUAL MACHINE FAILED WHILE PROCESSING A SURROGATE FACILITY REQUEST.

Reason:

You specified that CA VM:Director is to use the surrogate facility, but CA VM:Director cannot interface with the security system at your site because the security system service virtual machine failed to process a CA VM:Director surrogate request. CA VM:Director received return code 012 from the surrogate DIAGNOSE instruction (DIAGNOSE X'A0' function X'10'). CA VM:Director also issues message 1114R every time the surrogate request is made.

Action:

Refer to message 1114R. Notify the appropriate systems personnel of the problem with your security system.

1114R

REPLY *reqnumber*: WAIT, RETRY, OR ABEND:

Reason:

This message follows messages 1109I and 1113I. CA VM:Director sends this message every time the surrogate request is made. The request is retried every minute until either it succeeds or 15 minutes have elapsed. If, after 15 minutes, the surrogate request still fails and no CA VM:Director operator action has been taken, CA VM:Director abnormally terminates immediately.

Action:

Notify the appropriate systems personnel of the problem with your security system.

The CA VM:Director system operator can communicate with CA VM:Director through one of the following CA VM:Director commands:

- To tell CA VM:Director that the problem with the security system virtual machine cannot be readily corrected, use:

  REPLY *reqnumber* WAIT

  This response causes CA VM:Director to continue issuing the reminder message and ignore the 15-minute time limit.

- To tell CA VM:Director that the problem with the security system service virtual machine has been corrected, use:

  REPLY *reqnumber* RETRY

  This response asks CA VM:Director to try the surrogate request again.

1115E

***item* CANNOT BE USED WITH THE *command* COMMAND.**

Reason:

The indicated item has no meaning for *command*. The command ends.

Action:

Check and correct the command format, and enter the command again.

1116E

THE *command* COMMAND NEEDS MORE INFORMATION.

Reason:

You did not specify enough information with the indicated command. The command ends.

Action:

Check the command format, specify the missing information, and enter the command again.

1117E

THE *command* IS NOT A CA VM:Director COMMAND.

Reason:

You entered an invalid CA VM:Director command. The command is not processed.

Action:

Enter a valid CA VM:Director command.

1119E

THE SPECIFIED COMMAND NAME IS TOO LONG. NO CA VM:Director COMMAND NAME IS LONGER THAN EIGHT CHARACTERS.

Reason:

The specified command name contains more than eight characters. The maximum number of characters in any CA VM:Director command is eight.

Action:

To review the names of CA VM:Director commands, see the CA VM:Director documentation. Then, enter a valid and appropriate command with no more than eight characters.

1120S

ERROR *code* OCCURRED processing FILE *filename filetype filemode*.

Reason:

An error occurred while performing the specified processing with this file. The error code is from the CMS FSREAD, FSWRITE, FSOPEN, ESTATE, or FSCLOSE macro. The command or activity that was executing does not complete. If this message is issued during initialization, initialization fails and control returns to CMS.

Action:

Refer to the IBM documentation on CMS macros for an explanation of the return codes from the FSREAD, FSWRITE, FSOPEN, ESTATE, or FSCLOSE macro. Correct the problem and try the command or activity again, or reinitialize, if appropriate. If necessary, ask your CA VM:Director system administrator to contact Technical Support.

1121W

LINE *number* IN FILE VMDIRECT MESSAGES *filemode* HAS AN INVALID FORMAT AND HAS BEEN IGNORED.

Reason:

While validating the VMDIRECT MESSAGES file, CA VM:Director found a line in an invalid format. The correct format is a four-digit message number immediately followed by a one-character severity code, then one blank space followed by the message text. The invalid format is probably the result of manual modification of the file. CA VM:Director ignores the invalid line and continues reading the remaining lines in the file. If the line is not corrected, you may receive unintelligible messages from CA VM:Director.

Action:

Your CA VM:Director system administrator must determine and correct the format problem. If necessary, your system administrator can contact Technical Support.

1122W

LINE *number* IN FILE VMDIRECT MESSAGES *filemode* SPECIFIES A DUPLICATE MESSAGE NUMBER AND HAS BEEN IGNORED.

Reason:

While validating the VMDIRECT MESSAGES file, CA VM:Director found a duplicate message number on the indicated line. CA VM:Director ignores the duplicate message and continues reading the messages file.

Action:

Your CA VM:Director system administrator must determine if the entire line or just the message number is duplicated and make the appropriate changes to the messages file.

1123S

THERE ARE NO VALID MESSAGES IN FILE VMDIRECT MESSAGES *filemode*.

Reason:

During initialization, CA VM:Director could not find any lines in the VMDIRECT MESSAGES file with the correct message format. The correct format is a four-digit message number immediately followed by a one-character severity code, then one blank space followed by the message text. This file is probably not a messages file. CA VM:Director initialization fails.

Action:

Use a text editor such as XEDIT to edit the VMDIRECT MESSAGES file to determine if it is a valid VMDIRECT MESSAGES file. If you cannot find the correct messages file, reload the VMDIRECT MESSAGES file from the installation tape and restart CA VM:Director. If necessary, your system administrator can contact Technical Support.

1124S

CA VM:Director SYSTEM MESSAGES FILE VMDIRECT MESSAGES WAS NOT FOUND ON AN ACCESSED MINIDISK.

Reason:

During initialization, CA VM:Director could not find the VMDIRECT MESSAGES file on an accessed minidisk. This file contains CA VM:Director system messages and is required for CA VM:Director to run. CA VM:Director initialization fails.

Action:

Your CA VM:Director system administrator must put a copy of the VMDIRECT MESSAGES file on an accessed CA VM:Director minidisk, then start CA VM:Director again.

1125I

CA VM:Director INITIALIZATION HAS FAILED.

Reason:

This message is preceded by other messages that give the specific reasons why CA VM:Director initialization did not complete. Control returns to CMS.

Action:

Your CA VM:Director system administrator must correct the problems described by the accompanying messages. When the problems are corrected, your system administrator can start CA VM:Director again.

1126S

CA VM:Director SYSTEM ABEND *code* OCCURRED AT *address*.

Reason:

CA VM:Director processing ended abnormally with this abnormal termination code, which occurred at storage location *address*. CA VM:Director processing ends. CA VM:Director performs a VMDUMP and sends it to the virtual reader of the appropriate user ID.

Action:

Some abnormal terminations can be corrected by your CA VM:Director system administrator. Other abnormal terminations are caused by internal logic errors or unexpected errors and must be corrected with the assistance of Technical Support. Before contacting Technical Support, your system administrator must have the abnormal termination code and the address at which the abnormal termination occurred, a copy of the dump, the CA VM:Director console log containing the indicative dump (if a console log was being maintained), and any other information about the series of events leading up to the abnormal termination. You may be asked to send in other information, for example, a copy of the dump in SPTAPE or SPXTAPE format.

1127E

SCREEN DEFINITION FILE *filename* SCREEN WAS NOT FOUND ON AN ACCESSED MINIDISK.

Reason:

CA VM:Director attempted to display a screen of information on your terminal, but the file containing the screen information was not found on any minidisk accessed by CA VM:Director. Either the CA VM:Director minidisk containing the screen files is not accessed by CA VM:Director, or the file was renamed or erased. Screen processing ends.

Action:

Your CA VM:Director system administrator must verify that CA VM:Director has access to the minidisk where the screen files reside. If the missing screen file cannot be found on a CA VM:Director minidisk, your CA VM:Director system administrator must load this file from the installation tape. If necessary, your system administrator can contact Technical Support.

1128E

NO SCREEN WAS OPENED.

Reason:

CA VM:Director tried to perform a function on a screen, but the screen was not previously opened by CA VM:Director. This is probably caused by an internal programming error. Screen processing ends.

Action:

Your CA VM:Director system administrator must contact Technical Support.

1129W

FIELD NAME TABLE FILLED UP DURING SCREEN CREATION OR MODIFICATION. PRESS ENTER TO CONTINUE.

Reason:

While you were creating or modifying a CA VM:Director screen, the table used to store the names of fields defined on the screen filled and could not accommodate additional entries. CA VM:Director did not add the field.

Action:

Do not attempt to define any additional fields on a CA VM:Director screen. Your CA VM:Director system administrator must contact Technical Support.

1130E

THE *command* COMMAND WAS INTERRUPTED.

Reason:

A user logged off or issued the CMS halt execution (HX) command while the indicated command was executing on his user ID. Or, an I/O error occurred that caused the command to end. For example, an I/O error occurs if a user's minidisk or directory fills while CA VM:Director writes to it. The command continues to process, if possible. If CA VM:Director was transmitting data to one of the user's virtual devices when the interruption occurred, this message may be followed by message 1182I.

Action:

Your CA VM:Director system administrator must determine the cause of the problem. If the problem was caused by a minidisk or directory filling, clear some space on the minidisk or directory and issue the command again. If necessary, your system administrator can contact Technical Support.

1131E

FIELD *fieldname* IS UNDEFINED.

Reason:

CA VM:Director attempted to initialize or retrieve information from a field on a screen, but the field name was not defined on the screen. This problem may occur when CA VM:Director screen files (that is, files with a file type of SCREEN) are renamed or modified. If no screen files were renamed or modified, the problem was probably caused by an internal programming error. Processing may continue, but unpredictable results may occur.

Action:

If CA VM:Director issued this message only once when you pressed the ENTER key, an internal programming error has probably occurred. Your CA VM:Director system administrator must contact Technical Support. If CA VM:Director issued this message more than once for multiple field names, screen files may have been renamed or modified. Your CA VM:Director system administrator must check and correct the screen files.

1132R

ENTER FIELD NAME:

Reason:

You defined a new field while creating or modifying a CA VM:Director screen. CA VM:Director asks you to enter the name of the new field.

Action:

Enter the name of the field.

1133E

***command* CAN BE USED ONLY ON A DISPLAY TERMINAL.**

Reason:

You entered the indicated command from a line-mode terminal, but this command must be entered from a display terminal. The command ends.

Action:

Enter the command, this time from a display terminal.

1134E

THE COMMAND YOU ENTERED CANNOT BE EXECUTED AS SPECIFIED.

Reason:

You entered a command that displays a full screen or asks you for information. This command must be executed with the VMDIRECT command; it cannot be entered from the CA VM:Director service virtual machine or issued with the CP SMSG command to the CA VM:Director service virtual machine. This message may also be issued if you entered and then interrupted a full-screen or prompting command using the VMDIRECT command. The command ends.

Action:

From a user ID other than the CA VM:Director service virtual machine, enter the command again with the VMDIRECT command.

1135E

INVALID CHARACTERS WERE FOUND IN SCREEN FILENAME *filename*.

Reason:

CA VM:Director attempted to display a screen on your terminal, but the screen name contains characters that are not supported in a CA VM:Director screen name. This is probably caused by an internal programming error. The screen is not displayed.

Action:

Your CA VM:Director system administrator must contact Technical Support.

1136I

***number* SCREENS WERE LEFT OPEN BY YOUR COMMAND. CA VM:Director HAS CLOSED THEM.**

Reason:

Some of the screens displayed on your terminal were not properly closed. This may be caused by an internal programming error. CA VM:Director closes the screens internally to allow processing to continue. Processing continues.

Action:

Your CA VM:Director system administrator must contact Technical Support.

1137E

UNEXPECTED RETURN CODE *code* WAS RECEIVED FROM *text*.

Reason:

The primitive specified by “text” ended with the indicated non-zero return “code” but the primitive did not have the required TEST prefix that would allow it to continue running.

Action:

The macro’s execution is halted by CMS which also displays its own error messages. If the macro is distributed as part of the product then report the problem to Technical Support.

1138E

THE *command* IS NOT A VALID CP OR CMS COMMAND.

Reason:

While CA VM:Director was running, you entered the CA VM:Director CMS command to execute a CP or CMS command from either the CA VM:Director service virtual machine or a user ID with the authorization required to enter a CP or CMS command. The indicated command is not a valid CP or CMS command. The command ends.

Action:

Access the CP or CMS HELPMENU to view a list of valid CP or CMS commands. Then, enter a valid command.

1139I

ALL LOCKS HELD BY YOUR COMMAND HAVE BEEN CLEARED SUCCESSFULLY. PROCESSING CONTINUES.

Reason:

An internal CA VM:Director programming lock was not released when expected. This may be due to a programming error. CA VM:Director released the lock internally so that processing can continue. This message may follow other error messages indicating that a CA VM:Director process ended unexpectedly or abnormally. Processing continues.

Action:

Your CA VM:Director system administrator must contact Technical Support.

1140I

SECURITY SYSTEM SERVICES ARE NOT AVAILABLE.

Reason:

CA VM:Director tried to interface with your security system, but was unsuccessful because the security system is unavailable. Your CA VM:Director system is configured so that by default, CA VM:Director tries to use the security system. If the security system is unavailable, CA VM:Director issues this message and initialization continues. Message 1108I follows this message.

Action:

If you want CA VM:Director to use the security system, have your security system administrator determine why it is not available. In addition, to ensure that CA VM:Director will not initialize unless the security system is available, change your CA VM:Director configuration to specifically state that CA VM:Director is to use the security system. If you do not want CA VM:Director to use the security system, update the configuration to specifically state that the security system is not to be used.

1141E

DASD VOLUME SPECIFIED ON THE DIRECT RECORD IS NOT A SUPPORTED DASD DEVICE.

Reason:

The device specified in the CA VM:Director configuration as containing the CP online directory is not supported as a CP system volume. Initialization fails.

Action:

Correct the configuration so that it specifies the virtual address of the device that contains the CP online directory. Initialize CA VM:Director again.

1142E

VOLSER OF THE DASD VOLUME AT *vaddr* DOES NOT MATCH THE VOLSER SPECIFIED ON THE DIRECT RECORD.

Reason:

The volser on the device at virtual address *vaddr* does not match the volser specified in the CA VM:Director configuration. Configuration or initialization fails.

Action:

Correct the configuration so that it specifies the correct volser of the device that contains the CP online directory.

1143E

DASD VOLUME SPECIFIED ON THE DIRECT RECORD DOES NOT CONTAIN A CP OBJECT DIRECTORY OR IS NOT A CP VOLUME.

Reason:

The device specified on the DIRECT record in the CA VM:Director configuration file does not contain the CP online directory or is not a CP volume. Initialization fails.

Action:

Correct the DIRECT record so that it specifies the virtual address of the device that contains your system's CP online directory. Initialize CA VM:Director again.

1144E

FILEID *filename filetype filemode* CONTAINS INVALID CHARACTERS.

Reason:

CA VM:Director detected unsupported characters in the indicated file while copying this file from or to a CA VM:Director minidisk or SFS directory. This is probably caused by an internal programming error. This message may be accompanied by additional error messages. The command ends.

Action:

Your CA VM:Director system administrator must contact Technical Support.

1145E

RECORD LENGTH OF FILE *filename filetype filemode* IS TOO LONG.

Reason:

This file cannot be copied from or to a CA VM:Director minidisk or SFS directory because the file's record length exceeds CA VM:Director standards. This is probably caused by an internal programming error. This message may be accompanied by additional error messages. The command ends.

Action:

Your CA VM:Director system administrator must contact Technical Support.

1146E

ERROR *code* OCCURRED COPYING FILE *filename filetype filemode*.

Reason:

An I/O error occurred while copying this file to or from a CA VM:Director minidisk or SFS directory. This message may be followed by additional error messages. The command ends.

Action:

Your CA VM:Director system administrator must contact Technical Support.

1147E

AN INVALID 3270 DATASTREAM WAS RETURNED FROM THE USER'S TERMINAL.

Reason:

When a user entered a command from a 3270 terminal, CA VM:Director received an invalid sequence of screen fields from this terminal. This message is logged on the CA VM:Director service virtual machine, and is followed by message 1148E, which displays the fields in error. The command entered ends.

Action:

This message is followed by 1148E. Contact Technical Support.

1148E

DATA LENGTH=*length*, FIRST *number* BYTES ARE *data*.

Reason:

This message follows message 1147E on the CA VM:Director service virtual machine. It lists the size of the data stream (*length*) returned to CA VM:Director from the user's 3270 terminal and the size of the data that will actually be displayed (*number*). CA VM:Director then displays, in hexadecimal, the first portion of the data returned from the user's terminal (*data*).

Action:

This message is preceded by 1147E. Refer to that message for more information.

1149E

***userid* IS NOT ALLOWED TO EXECUTE THE *command* COMMAND. *authorization* AUTHORIZATION IS NEEDED.**

Reason:

You are not authorized to execute command; your user ID must have the indicated authorization. The command ends.

Action:

Ask your CA VM:Director system administrator to grant you the proper authorization.

1150I

********** CA VM:Director INDICATIVE DUMP **********

Reason:

CA VM:Director has abnormally terminated. CA VM:Director sends additional messages--for example, messages 1151I-1157I--plus diagnostic information that will help Technical Support determine the cause of the abnormal termination. Message 1151I displays the specific abnormal termination code associated with the abnormal termination.

Action:

Retain the console log and dump. Some abnormal terminations can be corrected by your CA VM:Director system administrator. Look up the abnormal termination code displayed in message 1151I in the abnormal termination codes chapter of the CA VM:Director documentation for information. If necessary, your system administrator can contact Technical Support.

1151I

CA VM:Director ABEND *code* AT *address*, *routine* + *offset*.

Reason:

See message 1150I.

Action:

See message 1150I.

1152I

PCB = *address*, NAME = *name*.

Reason:

See message 1150I.

Action:

See message 1150I.

1153I

R *n* = *registern registern*+1 *registern*+2 *registern*+3.

Reason:

This message refers to the 16 CA VM:Director general-purpose registers. See message 1150I.

Action:

See message 1150I.

1154I

CALLED FROM *address*, *routine* + *offset*, R15 = *value*.

Reason:

See message 1150I.

Action:

See message 1150I.

1155E

SAVE AREA CHAIN INVALID.

Reason:

See message 1150I.

Action:

See message 1150I.

1156I

CA VM:Director RELEASE = *release*, ABEND DATE = *date*.

Reason:

See message 1150I.

Action:

See message 1150I.

1157I

LAST *number* TRACE ENTRIES (OLDEST FIRST).

Reason:

See message 1150I.

Action:

See message 1150I.

1158I

***number word code1 code2 code3 code4*.**

Reason:

This message follows message 1157I. The indicated *number* is the trace entry number; the newest trace entry number will be 1. The trace entry is described by *word*. Four hexadecimal trace entry codes are indicated by *code1* through *code4*. This message will be displayed for every trace entry number, in descending order, from the oldest to the newest. See message 1150I for more information.

Action:

See message 1150I.

1159S

RECURSIVE ABEND *code2* OCCURRED DURING ABEND *code1*; CA VM:Director LOADING DISABLED WAIT PSW. RE-IPL CMS TO CONTINUE.

Reason:

While CA VM:Director was processing the indicated abnormal termination (*code1*), a second abnormal termination (*code2*) occurred. CA VM:Director is unable to continue abnormal termination recovery, and loads a disabled wait program status word (PSW). CA VM:Director logs this message to the CA VM:Director service virtual machine and sends it to user ID OPERATOR through the CP MESSAGE command.

Action:

To recover, restart CMS by entering IPL CMS.

1160W

CA VM:Director FROM CA IS NOT LICENSED FOR THIS PROCESSOR.

Reason:

CA VM:Director is not licensed for the processor. CA VM:Director shuts down.

Action:

Your CA VM:Director system administrator must contact Technical Support.

1161W

CONTACT YOUR LOCAL CA VM:Director SYSTEM ADMINISTRATOR.

Reason:

This message follows message 1160W refer to that message.

Action:

Contact your CA VM:Director system administrator.

1162W

NOTICE! NO CURRENT CA VM:Director LMP KEY FOUND FOR THIS CPU.

Reason:

CA VM:Director is not licensed to run on this CPU. CA VM:Director operation continues; however, warning messages are generated until the product is properly licensed.

Action:

Contact Technical Support to get a CA VM:Director LMP key for this CPU.

1163W

CA VM:Director MUST BE LICENSED WITH A CA LMP KEY FOR LAWFUL OPERATION.

Reason:

CA VM:Director is not licensed to run on this CPU. CA VM:Director operation continues; however, warning messages are generated until the product is properly licensed.

Action:

Contact Technical Support to get a CA VM:Director LMP key for this CPU.

1164W

THIS SOFTWARE PRODUCT IS THE PROPERTY OF CA AND IS PROTECTED BY COPYRIGHT.

Reason:

CA VM:Director is not licensed to run on this CPU. CA VM:Director operation continues; however, warning messages are generated until the product is properly licensed.

Action:

Contact Technical Support to get a CA VM:Director LMP key for this CPU.

1165W

UNAUTHORIZED USE OF THIS SOFTWARE PRODUCT IS UNLAWFUL AND SUBJECT TO PROSECUTION.

Reason:

CA VM:Director is not licensed to run on this CPU. CA VM:Director operation continues; however, warning messages are generated until the product is properly licensed.

Action:

Contact Technical Support to get a CA VM:Director LMP key for this CPU.

1166W

NOTICE! THE CA CPUID FOR CA VM:Director HAS EXPIRED.

Reason:

The CA VM:Director CPUID has expired. A valid CPUID is required for CA VM:Director to continue operating. If any days remain in the grace period, CA VM:Director keeps operating. If the grace period has expired, CA VM:Director shuts down.

Action:

Your CA VM:Director system administrator must call Technical Support for a new CPUID.

1167W

A GRACE PERIOD IS IN EFFECT UNTIL *date*.

Reason:

The CA VM:Director CPUID has expired, but CA VM:Director continues operation through the grace period, which ends on the indicated date. If you do not obtain and enter a new CPUID, CA VM:Director will shut down after this date.

Action:

Your CA VM:Director system administrator must call Technical Support for a new CPUID.

1168W

CONTACT CA AT YOUR EARLIEST CONVENIENCE FOR A REPLACEMENT.

Reason:

The CA VM:Director CPUID has expired. If the grace period has not expired, CA VM:Director continues operating. When the grace period ends, CA VM:Director will shut down.

Action:

Your CA VM:Director system administrator must call Technical Support for a new CPUID.

1169W

CA VM:Director IS TERMINATING OPERATION AT THIS TIME.

Reason:

Either the CPUID record in the appropriate CA VM:Director configuration file has the wrong CPUID or the CA VM:Director CPUID has expired and there are no days left in the grace period. CA VM:Director cannot operate without a valid CPUID for this CPU, and, therefore, shuts down.

Action:

Your CA VM:Director system administrator must call Technical Support for a new CPUID.

1175I

MAXIMUM VIRTUAL STORAGE USED WAS *number* OUT OF *available* BYTES.

Reason:

CA VM:Director logs this message on the CA VM:Director service virtual machine during system termination to record the maximum amount of virtual storage used since it started. Of the available bytes of virtual storage, the indicated number of bytes (*number*) was used.

Action:

None.

1182I

***userid* HAS NO IUCV BUFFER.**

Reason:

CA VM:Director detected an internal error condition that should not occur during normal use. A user may have logged off or issued the CMS halt execution (HX) command while the VMDIRECT command was running on his user ID. The command continues to execute, but may end with an error code.

Action:

None.

1183E

UNEXPECTED IUCV INTERRUPT TYPE *interrupt-type* WAS RECEIVED FROM *userid*.

Reason:

The Inter-User Communication Vehicle (IUCV) allows a user to talk with the CA VM:Director service virtual machine. CA VM:Director cannot communicate with *userid* because an IUCV interrupt was received on a path that did not expect an interrupt of that type. The IUCV path is severed. The command continues to execute, but may end with an error code.

Action:

Your CA VM:Director system administrator must contact Technical Support.

1184E

UNEXPECTED IUCV ERROR (CC *code1*, IPRCODE *code2*) OCCURRED ON REPLY TO *userid*.

Reason:

The Inter-User Communication Vehicle (IUCV) allows a user to talk with the CA VM:Director service virtual machine. An error occurred while attempting to reply to an IUCV communication. The IUCV path is severed. The command continues to execute, but may end with an error code.

Action:

Your CA VM:Director system administrator must contact Technical Support.

1185E

UNEXPECTED IUCV ERROR (CC *code1*, IPRCODE *code2*) OCCURRED ON RECEIVE FROM *userid*.

Reason:

The Inter-User Communication Vehicle (IUCV) allows a user to talk with the CA VM:Director service virtual machine. An error occurred while attempting to receive an IUCV communication from *userid*. The IUCV path is severed. The command continues to execute, but may end with an error code.

Action:

Your CA VM:Director system administrator must contact Technical Support.

1187E

UNABLE TO ESTABLISH IUCV COMMUNICATIONS. THE RETURN CODE FROM THE HNDIUCV MACRO IS *code*.

Reason:

The Inter-User Communication Vehicle (IUCV) allows a user to talk with the CA VM:Director service virtual machine. CA VM:Director is unable to initialize an IUCV interface to communicate with other virtual machines. CA VM:Director initialization fails.

Action:

Refer to the IBM documentation on CMS macros and functions for an explanation of the return codes from the HNDIUCV macro. Correct the problem and start CA VM:Director again. If necessary, contact Technical Support.

1188E

UNEXPECTED IUCV ERROR (CC *code1*, IPRCODE *code2*) OCCURRED ON SEND TO *userid*.

Reason:

The Inter-User Communication Vehicle (IUCV) allows a user to talk with the CA VM:Director service virtual machine. An error occurred while attempting to send an IUCV communication to *userid*. The IUCV path is severed. The command continues to execute, but may end with an error code.

Action:

Your CA VM:Director system administrator must contact Technical Support.

1189E

INVALID PPI ORDER *order* WAS RECEIVED FROM *userid*; CHECK THE PRODUCT RELEASE LEVELS.

Reason:

When trying to communicate with another CA product service virtual machine, CA VM:Director received a communication it did not understand. Your site may be running incompatible release levels of the two products. The command sent to the other service virtual machine (*userid*) fails.

Action:

Determine if the release levels of the two products are compatible. If necessary, your CA VM:Director system administrator can contact Technical Support.

1190E

CA VM:Director CANNOT COMMUNICATE WITH *productid*; NOTIFY YOUR CA VM:Director SYSTEM ADMINISTRATOR.

Reason:

CA VM:Director cannot communicate with another CA product (*productid*). This message indicates a programming error, which may be caused by the modification of a CA VM:Director EXEC at your site.

Action:

Your CA VM:Director system administrator must contact Technical Support.

1191E

CANNOT ESTABLISH IUCV COMMUNICATIONS WITH THE *userid* SERVICE VIRTUAL MACHINE.

Reason:

If *userid* is the CA VM:Director service virtual machine at your site, CA VM:Director is unavailable. If *userid* is the service virtual machine of another CA product at your site, CA VM:Director cannot communicate with that product; your site may be running incompatible release levels of the two products. The command sent to *userid* fails.

Action:

Your CA VM:Director system administrator must determine if CA VM:Director is available or why CA VM:Director cannot communicate with the other product service virtual machine. If necessary, your system administrator can contact Technical Support.

1192E

A VIRTUAL PRINTER COULD NOT BE DEFINED FOR TRACING.

Reason:

The TRACE MACRO command with the PRINT parameter was issued and a virtual printer device is not available or was unsuccessfully initialized. A virtual device address that should be reserved for use as a printer is not available when expected, and may be defined as another device. The trace definition is not completed.

Action:

Review any other messages that may have appeared. If the problem is not apparent, contact Technical Support and have the virtual device configuration of the server virtual machine available.

1193I

REPLY *reqnumber reply* HAS BEEN ACCEPTED.

Reason:

Each user receiving this message was previously sent one or more messages requesting information or an action. One or more users responded to the request. Processing continues.

Action:

None.

1194E

***reqnumber* IS NOT AN OUTSTANDING REQUEST NUMBER.**

Reason:

The request number that you specified in your response to CA VM:Director is not an outstanding request number. Either the request has already been satisfied or you specified the wrong request number.

Action:

None, if the request has already been satisfied. If the request has not already been satisfied, enter your response again with the correct request number.

1195E

THIS *response* IS NOT A VALID RESPONSE TO REQUEST *reqnumber*.

Reason:

A response from a user or operator was not valid. The message displayed before this message provides information on valid responses. CA VM:Director continues to send messages to the appropriate operator or user. The messages are sent every reminder interval.

Action:

Respond using a correct format or a valid response.

1196I

WAITING FOR *userid node (taskname)* TO RELEASE A *locktype* LOCK ON RESOURCE: *lock-string*.

Reason:

The command you entered cannot gain access to a resource. For example, when *userid* is using the indicated resource, CA VM:Director locks the resource to prevent other users from accessing it. CA VM:Director waits for the internal lock to be released. When the lock is released, command execution resumes.

Action:

None.

1197E

LOCK *lock-string* NOT FOUND. NOTIFY YOUR CA VM:Director SYSTEM ADMINISTRATOR.

Reason:

An attempt to clear a lock that didn’t exist was detected. Either the lock was never obtained or the lock was previously cleared.

Action:

Determine if a specific LOCK CLEAR primitive causes this message then examine the specified lock words to make sure they are correct. If they appear to be correct then some other LOCK CLEAR invocation probably cleared the lock in question. If you are unable to determine if a specific LOCK CLEAR primitive is causing this message to be displayed then contact Technical Support.

1198I

CA VM:Director HAS CLEARED THE *lock-type lock-string* LOCK LEFT BY THE *command* COMMAND.

Reason:

During the termination of a command process, CA VM:Director found an internal CA VM:Director lock that had not been cleared, and cleared it. This message may indicate a problem in CA VM:Director. Processing continues.

Action:

Your CA VM:Director system administrator must contact Technical Support.

1200E

CA VM:Director MUST HAVE THE *option* OPTION IN ITS CP DIRECTORY ENTRY.

Reason:

If the BMX option is displayed, either the CP directory entry for the CA VM:Director service virtual machine does not specify BMX on the OPTION record or the command CP DEFINE CHANNELS SEL was issued on the CA VM:Director service virtual machine. If the ECMODE option is displayed, the directory entry does not specify ECMODE on the OPTION record. CA VM:Director initialization fails.

Action:

Correct the directory entry if necessary, then start CA VM:Director again.

1201E

CA VM:Director CANNOT ANALYZE THE RESPONSE FROM THE CMS IDENTIFY COMMAND.

Reason:

CA VM:Director cannot understand the response received from the CMS IDENTIFY command. This may be the result of manual modification of the CMS IDENTIFY command at your site. CA VM:Director initialization fails.

Action:

Check the output from the CMS IDENTIFY command. If the command is not working properly, correct the problem and start CA VM:Director again. If the command is working properly but has been modified by your site, contact Technical Support.

1202E

CA VM:Director DOES NOT HAVE THE CP PRIVILEGE CLASS REQUIRED TO ISSUE THE FOLLOWING CP COMMAND OR DIAGNOSE: *command*.

Reason:

The CA VM:Director service virtual machine does not have the CP privilege class needed to issue the indicated CP command or DIAGNOSE. CA VM:Director initialization fails.

Action:

Your CA VM:Director system administrator must give CA VM:Director the CP privilege class required to issue the indicated command at your site.

1216E

INVALID PARAMETER: *parameter*.

Reason:

You specified an invalid parameter on the VIWOV command. The INIT parameter, which identifies the CA VM:Director service virtual machines that are allowed to connect with your virtual machine, is the only valid parameter on this command.

Action:

Enter the VIWOV INIT command again, this time specifying the INIT parameter and the proper CA VM:Director service virtual machines after that parameter. For example, enter:

```
viwov init vmwebsrv
```

1232E

TO USE THE *option* OPTION OF THE *command* COMMAND, PREFIX THE *command* COMMAND WITH *svmuserid*.

Reason:

You entered the indicated command specifying an option that requires the Inter-User Communication Vehicle (IUCV) buffer. However, because of the syntax of the command you entered--for example, you used CP SMSG or issued the command from the CA VM:Director service virtual machine--your virtual machine does not have this required buffer. The command ends.

Action:

Enter the command again, prefixing it with your service virtual machine user ID (by default VMDIRECT), from a virtual machine other than the CA VM:Director service virtual machine; do not use CP SMSG.

1233I

READY;

Reason:

You entered an empty or blank command line on the CA VM:Director service virtual machine. For example, you may have pressed ENTER when there was no command waiting to be issued. This message, displayed on the CA VM:Director service virtual machine, indicates that CA VM:Director is ready to accept commands. System activity continues.

Action:

None.

1234I

CA VM:Director *trademark* RELEASE *release.level*

Reason:

CA VM:Director issues this message during initialization. The CA VM:Director legal trademark is trademark. The CA VM:Director release level is release.level. Initialization continues.

Action:

None.

1235I

CA VM:Director IS READY TO USE: *ddmmmyy hh:mm:ss*.

Reason:

CA VM:Director initialization has completed successfully. The current date and time are ddmmmyy and hh:mm:ss respectively. This message follows message 1234I and other initialization messages, and indicates that CA VM:Director is ready to accept commands. Processing continues.

Action:

None.

1236E

CA VM:Director IS NOT READY TO USE: *ddmmmyy hh:mm:ss*.

Reason:

CA VM:Director initialization has failed. The current date and time are ddmmmyy and hh:mm:ss respectively. This message is preceded by other messages that explain why CA VM:Director initialization did not complete. Control returns to CMS.

Action:

Your CA VM:Director system administrator must refer to the explanations of the other messages sent by CA VM:Director to determine why initialization failed and how to correct the problem. When the problem is corrected, the system administrator can start CA VM:Director again.

1237W

NOTICE! CA VM:Director IS RUNNING IN EMERGENCY MODE ON AN UNLICENSED CPU.

Reason:

Your system has a valid CPUID for a licensed CPU; however, the CPU on which CA VM:Director is running is not the CPU for which the CPUID is valid Emergency mode allows your site to run CA VM:Director on this CPU until a valid CPUID is obtained for it.

Action:

Your CA VM:Director system administrator must call Technical Support to obtain a CPUID that is valid for the CPU on which you are running CA VM:Director.

1238W

THE CA VM:Director VM/ESA FEATURE IS NOT LICENSED FOR THIS PROCESSOR.

Reason:

Your site is attempting to run CA VM:Director on a CPU that is not licensed for this version of CA VM:Director. CA VM:Director shuts down.

Action:

Your CA VM:Director system administrator must call Technical Support to obtain a CPUID that is valid for the CPU and this version of CA VM:Director.

1239W

NOTICE! THE CA CPUID FOR THE VM/ESA FEATURE HAS EXPIRED.

Reason:

The CA VM:Director CPUID has expired. A valid CPUID is required for CA VM:Director to continue operating. If there are any days left in the grace period, CA VM:Director keeps operating. If not, it shuts down.

Action:

Your CA VM:Director systems administrator must call Technical Support to obtain a CPUID that is valid for the CPU on which you are running CA VM:Director.

1240E

INVALID RESPONSE FROM APPLICATION EXIT.

Reason:

An application exit routine returned an invalid response.

Action:

Contact Technical Support.

1241E

COMMAND REJECTED; VMDIRECT MODULE AND CA VM:Director SUPERVISOR MODULE ARE INCOMPATIBLE.

Reason:

The VMDIRECT MODULE for the user's virtual machine and the supervisor MODULE (VMESYS MODULE) running on the CA VM:Director service virtual machine are not at compatible service levels. The command ends.

Action:

Contact your CA VM:Director system administrator.

1242I

LEVEL *level* MACRO *filename filetype filemode*.

Reason:

An abnormal termination occurred while the indicated macro was running. CA VM:Director sends this message for every macro that was active, from the outer-most to the inner-most, when CA VM:Director abnormally terminated.

Action:

See message 1150I.

1243E

ACTIVE MACRO CHAIN INVALID.

Reason:

The chain of currently active macros points to an invalid address. The macro list section of the indicative dump ends.

Action:

None.

1244I

MACRO TRACE ENTRY *entrynumber* ADDED.

Reason:

When you entered a TRACE MACRO command, it created the indicated entry in the macro trace list.

Action:

None.

1245I

***entrynumber userid filename msgdest firstline lastline traceopt*.**

Reason:

This is the detail line for the TRACE LIST command. Message 1249I lists the column headings.

Action:

None.

1246I

***commandline continued*.**

Reason:

CA VM:Director logs this message on its service virtual machine when the command that CA VM:Director begins to execute is too long to be fully displayed on message 1111I. Message 1246I contains the continuation of the command line from message 1111I, or from an immediately preceding message 1246I when necessary. Processing continues.

Action:

Refer to message 1111I for information on this message.

1247E

OPERAND *operand* CONFLICTS WITH AN ALREADY SPECIFIED OPERAND ON THE *command* COMMAND.

Reason:

You entered an operand on the indicated command that conflicts with another operand you already specified on the same command. The command fails.

Action:

Correct the operands specified, then enter the command again.

1248E

MACRO TRACE ENTRY *entrynumber* NOT FOUND.

Reason:

When you entered the TRACE STOP command, you specified a macro trace entry that does not exist. The command fails.

Action:

None.

1249I

TRACEID USERID MACRO MSGDEST FIRSTLINE LASTLINE TRACEOPT.

Reason:

This is the header line for the output from the TRACE LIST command.

Action:

None.

1250W

CONNECT TO *IDENT FAILED WITH IPRCODE = *code*.

Reason:

During initialization, CA VM:Director encountered a problem trying to use the Advanced Program-to-Program Communication (APPC) facility. Specifically, CA VM:Director could not identify a resource ID to the CP *IDENT system service. CA VM:Director sends this message to the CA VM:Director operator and service virtual machine console log file. CA VM:Director waits one minute and then retries the request.

Action:

Look up the IPRCODE code in the IUCV CONNECT portion of the IBM programming services manual and correct the problem. If necessary, contact Technical Support.

1251S

***IDENT SEVERED LOCAL RESOURCE *resid*, REASON CODE = *code*.**

Reason:

After initialization, CA VM:Director encountered an error trying to use the Advanced Program-to-Program communication (APPC) facility. Specifically, the CP *IDENT system service severed the connection that defined the resource ID. CA VM:Director waits one minute and then retries the request.

Action:

Look up the reason code in the IBM programming services manual and correct the problem. If necessary, contact Technical Support.

1252E

NOT AUTHORIZED TO CONNECT TO *IDENT FOR *resid*.

Reason:

During initialization, CA VM:Director encountered a problem trying to use the Advanced Program-to-Program Communication (APPC) facility. Specifically, the CA VM:Director service virtual machine is not authorized to connect to *IDENT system service for the indicated resource ID. CA VM:Director sends this message to the CA VM:Director operator and service virtual machine. CA VM:Director waits one minute and then retries the request.

Action:

Make sure the IUCV *IDENT *resid* record in the directory entry for the CA VM:Director service virtual machine specifies the correct resource ID. If necessary, contact Technical Support.

1253E

NOT AUTHORIZED TO IDENTIFY LOCAL RESOURCE *resid*.

Reason:

During initialization, CA VM:Director encountered a problem trying to use the Advanced Program-to-Program Communication (APPC) facility. Specifically, the directory entry for the CA VM:Director service virtual machine does not contain an IUCV *IDENT *resid* record. This record is necessary for CA VM:Director to identify the resource ID as a global or system resource. CA VM:Director sends this message to the CA VM:Director operator and service virtual machine. CA VM:Director waits one minute and then retries the request.

Action:

Make sure the CA VM:Director directory entry contains the following record:

IUCV *IDENT *resid* LOCAL.

If necessary, contact Technical Support.

1254W

CONTROL OF LOCAL RESOURCE *resid* WAS REVOKED.

Reason:

After initialization, CA VM:Director encountered a problem trying to use the Advanced Program-to-Program Communication (APPC) facility. Specifically, another service virtual machine revoked the resource being used by CA VM:Director. CA VM:Director sends this message to the CA VM:Director operator and service virtual machine. CA VM:Director waits one minute and then retries the request.

Action:

Contact Technical Support.

1255I

ATTEMPTING *IDENT RECONNECTION IN ONE MINUTE.

Reason:

CA VM:Director encountered an error trying to use the Advanced Program-to-Program Communication (APPC) facility. CA VM:Director issues this message then waits one minute before retrying the request. CA VM:Director sends this message to the CA VM:Director operator and service virtual machine.

Action:

See the messages preceding 1255I for information on the specific error that occurred.

1256T

RESID *resid* CANNOT BE USED, EXIT NAME ALREADY DEFINED.

Reason:

CA VM:Director encountered an error trying to use the Advanced Program-to-Program Communication (APPC) facility. Specifically, a CMS IUCV exit program has already been established for the indicated resource ID. CA VM:Director sends this message to the CA VM:Director operator and service virtual machine. Initialization fails.

Action:

Contact Technical Support.

1257I

THE *resid* LOCAL RESOURCE DEFINITION COMPLETED.

Reason:

CA VM:Director has successfully established communications with the indicated resource through the Advanced Program-to-Program Communication (APPC) facility. CA VM:Director sends this message to the CA VM:Director operator and service virtual machine console log. Initialization continues.

Action:

None.

1258I

THE LOCAL RESOURCE *resid* IS ALREADY BEING MANAGED.

Reason:

During initialization, CA VM:Director encountered a problem trying to use the Advanced Program-to-Program Communication (APPC) facility. Specifically, the indicated resource is already being used by another service virtual machine. CA VM:Director sends this message to the CA VM:Director operator and service virtual machine. CA VM:Director waits one minute and then retries the request.

Action:

Contact Technical Support.

1268E

USER *userid1* HOLDS A LOCK ON *lock-string* AND IS BLOCKING USER *userid2*.

Reason:

CA VM:Director has detected that a lock request would result in either a deadlock or livelock condition. A lock-string of DISK-U-MGRSUE-USERJOE means that there is a lock on the directory entry for user ID USERJOE. MGRSUE is the file type (and manager) of USERJOE's directory entry. U is the mode of the accessed disk. The command fails.

Action:

Try the request later. If you have repeated failures to process the request, you may need to analyze the locks owned by *userid1*. Examine the CA VM:Director console log to determine what requests were processing at the time. For assistance, contact Technical Support.

1269E

THE LOCK FOR USER *userid* CANNOT BE OBTAINED BECAUSE A *locktype* LOCK CONDITION WOULD OCCUR.

Reason:

CA VM:Director has detected that a lock request would result in either a deadlock or livelock condition. The command fails.

Action:

Try the request later. If you have repeated failures to process the request, you may need to analyze the locks owned by the indicated userid. Examine the CA VM:Director console log to determine what requests were processing at the time. For assistance, contact Technical Support.

1270I

THE (*userid* USERID HAS | *process-name* PROCESS (HAS | LEFT)) A (PERM) (SHARED | PRIVATE) *lock-string* LOCK.

Reason:

This message is part of the response to a QLOCK command or is displayed during cleanup after a process abnormal termination. It indicates that a user or process left (if abnormally terminating) or has (if QLOCK) a shared or private lock on the indicated lock-string.

Action:

None.

1271I

AUDIT DISK *percent* FULL, *number* DATA RECORDS FOUND.

Reason:

Audit minidisk initialization determined that the minidisk is *percent* full with the CA VM:Director audit file containing *number* records. Initialization continues.

Action:

None.

1272I

AUDIT DISK FULL, WAITING FOR AUDIT EXTRACT.

Reason:

CA VM:Director tried to audit the invocation of the command currently being processed, but the audit minidisk is full. Your process waits until the audit information is removed from the audit minidisk. When this occurs, your command execution continues.

Action:

Ask your CA VM:Director system administrator to extract the audit data.

1273I

AUDITGET ALREADY IN PROGRESS.

Reason:

You issued the CA VM:Director AUDITEXT command, but another user is already running an audit extract. Your AUDITEXT command terminates immediately with return code 4.

Action:

None. Because the other user's AUDITEXT command removes all records from the CA VM:Director audit minidisk, you would obtain few if any records by entering the AUDITEXT command again, even if the other user's command has completed.

1274I

NORMAL COMPLETION.

Reason:

The requested command completed normally without issuing any other messages.

Action:

None.

1275E

THERE IS NO AUDIT DISK ACCESSED.

Reason:

CA VM:Director tried to read from or write to the AUDIT disk, but the disk is not currently accessed. The command ends.

Action:

Access the AUDIT disk at the correct file mode and try the command again.

1276E

AUDIT FILE IS NOT CORRECTLY FORMATTED.

Reason:

During initialization, CA VM:Director determined that the AUDIT file on the audit minidisk is not properly formatted. Initialization fails.

Action:

The audit file must be either a fixed-format file with a record length of 80 bytes or a variable-format file. For a description of the audit file format, see the AUDRECFM configuration file record or the *CA VM:Director Administration Guide* or *Reference Guide*.

1277I

CA VM:Director DYNAMIC STORAGE EXHAUSTED. SYSTEM HANG OR FAILURE POSSIBLE.

Reason:

There is insufficient virtual storage on the CA VM:Director service virtual machine. This problem could cause CA VM:Director to hang or fail.

Action:

Ask your system administrator to increase the virtual storage size of the CA VM:Director service virtual machine.

1278E

ABENDING WITH PRG003 BECAUSE THE EVENTSIGNAL() CSL ROUTINE RETURNED AN UNEXPECTED ERROR.

Reason:

The CMS EventSignal CSL routine returned an unexpected error. CA VM:Director ends abnormally with a PRG003 abend. Register 15 contains the return code; register 0 contains the reason code.

Action:

Save the console log and the dump file and contact Technical Support.

1279E

MISSING PARAMETER ON *option* OPTION.

Reason:

You specified the indicated option when you entered a command, but you omitted a required parameter. The command fails.

Action:

Enter the command again, this time specifying the correct parameter.

1284I

INITIALIZING LOCAL APPCVM RESOURCE *resid*.

Reason:

CA VM:Director is creating the resource definition for the CA VM:Director service virtual machine. CA VM:Director sends this message to the CA VM:Director operator and service virtual machine.

Action:

None.

1285E

INTERNAL ERROR OCCURRED; NO STEM NAME FOLLOWS THE STEM OPTION.

Reason:

An internal error occurred. Processing ends.

Action:

For assistance, contact Technical Support.

1286E

INTERNAL ERROR OCCURRED; NO VARIABLE NAME FOLLOWS THE VAR OPTION.

Reason:

An internal error occurred during processing. Processing ends.

Action:

For assistance, contact Technical Support.

1287T

A R/W A-DISK OR DIRECTORY IS REQUIRED BY *product*.

Reason:

During initialization, CA VM:Director determined that there is no read/write minidisk or SFS directory accessed at file mode A. Initialization ends.

Action:

Access a read/write minidisk or SFS directory at file mode A and start CA VM:Director again.

1288S

ARG(*num*) OF FUNCTION *function* IS MISSING OR INVALID.

Reason:

The indicated function was called with an invalid or missing parameter at the indicated argument position. CA VM:Director displays this message on the CA VM:Director service virtual machine console. The process abnormally terminates.

Action:

For assistance, contact Technical Support.

1289W

ARG(*num*) OF FUNCTION *function* IS EXTRANEOUS.

Reason:

The indicated function was called with an extraneous parameter at the indicated argument position. Processing continues.

Action:

For assistance, contact Technical Support.

1290S

THE PREVIOUS *function* CALL ENDED WITH REASON=*code*.

Reason:

The indicated function call completed in error with the specified reason code. CA VM:Director displays this message on the CA VM:Director service virtual machine console. The process abnormally terminates.

Action:

For assistance, contact Technical Support.

1291I

STARTING CSL ROUTINE *cslname*.

Reason:

A process has made an asynchronous call to the indicated CSL routine. This message is displayed because both DEBUG CSLCALL ON and DEBUG ASYNC ON have been specified. CA VM:Director displays this message on the CA VM:Director service virtual machine console.

Action:

None.

1292I

CSL ROUTINE *cslname* COMPLETED WITH RETURN CODE *rc* AND REASON CODE *code*.

Reason:

The *cslname* CSL routine has completed with the indicated return and reason codes. CA VM:Director displays this message because DEBUG CSLCALL ON or DEBUG CSLCALL ERROR have been specified. CA VM:Director displays this message on the CA VM:Director service virtual machine console.

Action:

None.

1293I

ROUTINE *entrypoint* WAS CALLED FROM *routine* + *displacement*.

Reason:

This message follows message 1292I or 1294S and indicates the location in CA VM:Director that called the CSL routine. The variable *entrypoint* is the name of the CA VM:Director driver routine that handles calls for the CSL routine. The variables *routine* and *displacement* pinpoint the calling program. CA VM:Director displays this message on the CA VM:Director service virtual machine console.

Action:

None.

1294S

REASON CODE *code* WAS RECEIVED FROM CSL ROUTINE *cslname*.

Reason:

A process received a fatal reason code from a CSL routine. CA VM:Director abnormally terminates with a CSL002 abnormal termination.

Action:

For assistance, contact Technical Support.

1295S

ERROR *code* RECEIVED *processing* FILE *file*.

Reason:

CA VM:Director encountered an error trying to create, open, or erase a mirrored log file. This message indicates a serious problem with CA VM:Director.

Action:

For assistance, contact Technical Support.

1296S

PRIMARY RECORD LENGTH *length1* DOES NOT MATCH SECONDARY RECORD LENGTH *length2*.

Reason:

Records read from the primary file are not the same length as records read from the secondary file. CA VM:Director displays this message on the CA VM:Director console. The executing process ends abnormally.

Action:

For assistance, contact Technical Support.

1297S

PRIMARY RETURN/REASON CODES *return1/reason1* DO NOT MATCH SECONDARY CODES *return2/reason2*.

Reason:

CA VM:Director displays this message on the CA VM:Director service virtual machine console. The executing process ends abnormally.

Action:

For assistance, contact Technical Support.

1298S

PRIMARY DATA DOES NOT MATCH SECONDARY DATA.

Reason:

Records read from the primary file do not match records read from the secondary file. The executing process ends abnormally.

Action:

For assistance, contact Technical Support.

1299S

PRIMARY R/W POINTERS DO NOT MATCH SECONDARY POINTERS.

Reason:

CA VM:Director determined that the read/write pointers of the primary and secondary files do not match. CA VM:Director displays this message on the CA VM:Director service virtual machine console and sends it to user IDs that receive system administrator messages. The executing process ends abnormally.

Action:

For assistance, contact Technical Support.

1300I

SYSFRESV REGISTER AT TIME OF ABEND:

Reason:

See message 1150I.

Action:

See message 1150I.

1301I

***number* CALL TO *entrypoint* FROM *entrypoint*.**

Reason:

See message 1150I.

Action:

See message 1150I.

1302I

***number* EXIT FROM *entrypoint* W/RC=*decimal_rc* ('*hex_rc*'X).**

Reason:

See message 1150I.

Action:

See message 1150I.

1303I

number word* FROM *entrypoint*; SIZE=*number*; ADDRESS=*address*; SUBPOOL=*pool type

Reason:

See message 1150I.

Action:

See message 1150I.

1304I

***number word* FROM *entrypoint*; SIZE=*number*; ADDRESS=*address*.**

Reason:

See message 1150I.

Action:

See message 1150I.

1310S

NOVALUE ERROR IN *program* AT LINE *number*: SYMBOL *name* IS UNDEFINED.

Action:

A programming error occurred in the indicated REXX program.

Reason:

For assistance, contact Technical Support.

1311S

SYNTAX ERROR *code* IN *program* AT LINE *number*: *description*.

Reason:

A programming error occurred in the indicated REXX program.

Action:

For assistance, contact Technical Support.

1316E

text

Reason:

This message contains the text of a message sent to the CA VM:Director server console from other user IDs.

Action:

Look up the message in the appropriate documentation and respond accordingly.

1331E

THE FOLLOWING DATABASE ERROR OCCURRED DURING FUNCTION *function* FOR TABLE *table* FROM *routine*; RC = *code*.

Reason:

An unexpected CA VM:Director database error occurred. The database management system logs the error on the CA VM:Director service virtual machine console. CA VM:Director may also log additional messages there to further explain the error. Processing ends.

Action:

For assistance, contact Technical Support.

1332E

PROCESSING HAS ENDED DUE TO A DATABASE ERROR.

Reason:

While processing your request, CA VM:Director encountered an error with the CA VM:Director database. Processing ends.

Action:

Contact your CA VM:Director system administrator, who can contact Technical Support.

1333E

TABLE *table* TABLE IS EMPTY.

Reason:

CA VM:Director tried to open the indicated database table, expecting to find data. However, this table is empty, that is, it contains no data. CA VM:Director logs this message on the CA VM:Director service virtual machine console along with message 1331E it might also issue additional accompanying messages to provide more information. Processing ends.

Action:

For assistance, contact Technical Support.

1334E

***database command error*.**

Reason:

CA VM:Director issued a database command that caused an error. This message, which follows message 1331E, displays the database command that caused an error.

Action:

Refer to message 1331E.

1335E

ERROR OCCURRED TRYING TO FIND AN ENTRY IN THE *table* TABLE.

Reason:

CA VM:Director could not locate an entry in the indicated table in the CA VM:Director database. CA VM:Director logs this message on the CA VM:Director service virtual machine console. Processing ends.

Action:

Notify your CA VM:Director system administrator, who can contact Technical Support if necessary.

1336E

ERROR OCCURRED in *filename filetype*; RC = *code* FROM *command* COMMAND.

Reason:

An error occurred when the indicated REXX program issued the indicated command, which can be a CP or CMS command, or an internal CA VM:Director command. The command returned the return code displayed on the message. Processing ends.

Action:

If the command is a CP or CMS command, look up the indicated command and the return code in IBM documentation to determine what caused the problem. In any case, contact Technical Support.

1337E

PROCESSING HAS ENDED DUE TO AN INTERNAL ERROR.

Reason:

While processing your request, CA VM:Director encountered an internal error. Processing ends.

Action:

Notify your CA VM:Director system administrator, who can contact Technical Support if necessary.

1351E

RECEIVED ERROR *code* (*error-name*) ON *function* (*number*) FROM *tcp/ip-server*: *description*

Reason:

An error occurred in a TCP/IP connection. The variable *code* is the error code. The variable *error-name* is the descriptive name of the error. The variable *number* is the socket IUCV function number. The variable *tcp/ip-server* is the user ID of the TCP/IP server. Some of these errors do not represent a problem. For example, this message is issued if a user clicks the STOP button on a browser during data transfer.

Action:

Look up the error in the IBM TCP/IP error code documentation.

1355E

UNEXPECTED ERROR *code* FROM *entrypoint* CALL IN *primitive*.

Reason:

CA VM:Director found an internal error during EXEC primitive processing.

Action:

For assistance, contact Technical Support.

1359E

ALL *number* SOCKETS ARE IN USE FOR SPB *address.*

Reason:

There was an internal logic failure involving a socket path block.

Action:

Contact Technical Support.

1364I

AN ACTIVE CONNECTION WAS LOST; POSSIBLE NETWORK ERRORS.

Reason:

A connection between a server and a client in the IP network was disrupted. Receiving this message several times in a row might indicate network instability that is affecting all transactions. The network problems might degrade client/server services. If CA VM:Director issues this message only for transactions with a specific client, the network problems might relate to that specific client.

Action:

If CA VM:Director issues this message infrequently, no action is required. If CA VM:Director issues this message frequently, have network engineers analyze relevant parts of the network to determine the cause of the problems and correct them.

1366E

UNABLE TO LOAD *entrypoint*.

Reason:

An error occurred when CA VM:Director attempted to load the specified *entrypoint*.

Action:

For assistance, contact Technical Support.

1372E

RECORD READ FROM PARTNER HAS ILLEGAL LENGTH OF *length* BYTES.

Reason:

An SSL record was received from the other side of the connection with a length greater than 16,384 bytes. The variable *length* is the hexadecimal number of bytes in the SSL record. The connection between the client and the server ends abnormally.

Action:

For assistance, contact Technical Support.

1375E

RECORD READ FROM PARTNER HAS AN INCORRECT MESSAGE AUTHENTICATION CODE.

Reason:

The Message Authentication Code (MAC) received with the SSL record does not match the MAC calculated from the record data.

The sending party calculates the MAC (a cryptographic hash value) on the data being sent in the record and appends it to the record before encrypting the data. The receiving party decrypts the data, calculates its own MAC for the data, and compares the two MACs. If they match, the receiver knows the data has not been altered in transit. If they do not match, the data has been altered and must be ignored. In this case, the connection between the client and the server ends abnormally.

Action:

For assistance, contact Technical Support.

1380E

REXX VARIABLE *variable* DOES NOT HAVE A VALID VALUE.

Reason:

The command you entered referenced a REXX variable that has no value or an invalid value. This message indicates an internal problem. The command fails.

Action:

For assistance, contact Technical Support.

1383E

CERTIFICATE RECEIVED FROM THE CLIENT IS OUTSIDE ITS VALID PERIOD.

Reason:

CA VM:Director received a certificate from a client. The certificate indicates a date when the certificate begins to be valid and a date when the certificate is no longer valid. The current date and time are either before or after the time period that the certificate is valid.

Action:

If the current date and time is before the certificate is valid, have the client reissue the request after the certificate becomes valid. If certificate is no longer valid, have the client request a new certificate. Then, have the client reissue the request after a valid certificate is obtained.

1386I

PROCESS *userid nodename process* (*pcb-address pcb-id*) HAS A *lock-word1 lock-work2* LOCK.

Reason:

The QLOCK command issues this response when all processes are queried.

Action:

None.

1387I

THE *userid* USERID HAS A (PRIVATE/SHARED) *lock-word1 lock-word2* (PERM) LOCK.

Reason:

This message is output from the QLOCK command. The indicated *userid* has a private or shared lock on the indicated resource.

Action:

None.

1397E

APPLICATION CANNOT BE CALLED AS A NUCLEUS EXTENSION

Reason:

CA VM:Director had been called as a CMS Nucleus Extension. This is not supported.

Action:

Remove any NUCXLOAD VMXSYS command from the PROFILE EXEC or issue a NUCXDROP VMXSYS command and restart CA VM:Director.

1500E

FILENAME *filename* IS NOT VALID.

Reason:

You entered a command with the specified file name, which is not a valid file name. CMS file names are 1- to 8-character strings comprising alphabetic and numeric characters, and the characters $, #, @, -, +, and _. The command ends with return code 1500.

Action:

Enter the command again, this time specifying a valid file name.

1501E

USERID *userid* IS NOT VALID.

Reason:

You entered a command with the specified user ID, which is not valid. VM user IDs are 1- to 8-character strings comprising alphabetic and numeric characters, and the characters $, #, @, -, +, and _. The command ends with return code 1501.

Action:

Enter the command again, this time specifying a valid user ID.

1502E

THE *option1* OPTION CANNOT BE SPECIFIED WITH THE *option2* OPTION.

Reason:

You entered a command with the specified options, which are incompatible. The command ends with return code 1502.

Action:

Enter the command again, this time specifying the correct options.

1503E

OPTION *option* IS NOT A VALID OPTION.

Reason:

You entered a command with the specified option, which is not a valid option. The command ends with return code 1503.

Action:

Enter the command again, this time specifying a valid option.

1504E

YOU MUST SPECIFY THE FILENAME OF THE FILE YOU WANT TO UPDATE.

Reason:

You entered a command without specifying the file name of the CMS file to be updated. The command ends with return code 1504.

Action:

Enter the command again, this time specifying the correct file name.

1505E

DATA FILE *filename filetype* IS NOT FOUND.

Reason:

You entered a command, which needs the specified CMS file. The file was not found on any accessed disk or directory. The command ends with return code 1505.

Action:

Access the disk or directory containing the specified file and enter the command again.

1506E

MISSING FILETYPES RECORD IN DATA FILE *filename filetype*.

Reason:

You entered a command, which was unable to find a required record in the specified file. The command ends with return code 1506.

Action:

If you have altered the specified file, undo the changes and enter the command again. If not, contact Technical Support.

1507E

INPUT FILE *filename* WAS NOT FOUND; *commandname* COULD NOT FIND ANY OF THE FOLLOWING FILES:

Reason:

You entered a command, which was unable to locate the specified file or files. This message is followed by one or more 1508I messages, listing the missing files. The command ends with return code 1508.

Action:

Search for the files specified in the 1508I messages. Once you have determined which disk or directory contains the files, access the disk or directory and enter the command again. If problems persist, contact Technical Support.

1508I

filename filetype

Reason:

This message, which follows message 1507E, displays information about the error that occurred.

Action:

Refer to message 1507E.

1509E

INPUT FILE *filename1* IS NOT REFERENCED IN THE DATA FILE *filename2 filetype2*

Reason:

You entered a command, which was unable to find a required record in the specified data file. The command ends with return code 1509.

Action:

If you have altered the file, undo the changes and enter the command again. If not, contact Technical Support.

1510E

ERROR OCCURRED READING FILE *filename filetype*; EXECIO RETURN CODE = *code*.

Reason:

You entered a command, which received an error from the CMS EXECIO command while reading from the specified data file. This message is followed by message 1511I, which lists the EXECIO command text. The command ends with return code 1510.

Action:

For assistance, contact Technical Support.

1511I

EXECIO COMMAND WAS: *commandtext.*

Reason:

This message contains details for message 1510E.

Action:

Refer to message 1510E.

1512E

***commandname* REQUIRES A READ/WRITE A-DISK.**

Reason:

You entered a command that requires a minidisk or SFS directory to be accessed read/write at file mode A for its output files. The command ends with return code 1512.

Action:

Access a disk or directory read/write at file mode A and enter the command again.

1513E

ERROR OCCURRED UPDATING THE FILE *filename filetype*; EXECUPDT RETURN CODE = *code*.

Reason:

You entered a command, which received the specified return code from the CMS EXECUPDT command while processing the specified file. This message is followed by message 1514I, listing the EXECUPDT command text. The command ends with return code 1513.

Action:

For assistance, contact Technical Support.

1514I

EXECUPDT COMMAND WAS: *commandtext*.

Reason:

This message contains details for message 1513E.

Action:

Refer to message 1513E.

1515I

***filename* HAS BEEN UPDATED SUCCESSFULLY.**

Reason:

You entered a command, which successfully updated the specified file.

Action:

None.

1516I

***filename filetype* HAS BEEN COPIED TO *svmuserid's* A-DISK AND LOADED INTO MEMORY.**

Reason:

You entered a command that successfully copied the file to the service virtual machine A-disk or directory and loaded it into memory on the server. CA VM:Director will immediately begin using the new copy of the file.

Action:

None.

1517I

***filename filetype* HAS BEEN COPIED TO *svmuserid's* A-DISK.**

Reason:

You entered a command that successfully copied the file to the server virtual machine A-disk or directory and loaded it into memory on the server. CA VM:Director will begin using the new copy of the file upon the next restart.

Action:

None.

1518I

TO MAKE THE UPDATED FILE AVAILABLE TO USERS, COPY *filename filetype* A TO A PUBLIC MINIDISK.

Reason:

You entered a command to update a file. The specified file must be copied to a publicly-accessible minidisk for users to make use of it.

Action:

Copy the specified file to a publicly-accessible minidisk.

1521I

CA VM:Director HAS SET CP 370ACCOM TO *setting*

Reason:

CA VM:Director issues this message under the following circumstances:

- During initialization, CA VM:Director determined that its service virtual machine is not running with the correct setting of the 370 Accommodation Feature (370ACCOM ON or 370ACCOM OFF). So that processing can continue, CA VM:Director automatically issued the SET CP 370ACCOM command to set the correct mode.
- During termination, CA VM:Director issued the CP SET 370ACCOM command to restore the mode to its original setting. CA VM:Director sends this message to the service virtual machine console and processing continues.

Action:

To prevent CA VM:Director from sending this message, place the correct CP SET 370ACCOM command in the PROFILE EXEC of the CA VM:Director service virtual machine.

1522T

CA VM:Director RECEIVED AN INVALID RESPONSE FROM CP COMMAND *command*.

Reason:

This message indicates an internal processing error.

Action:

For assistance, contact Technical Support.

1523E

FILE/DOMAIN SPECIFICATION IS INCOMPLETE; IT MUST CONSIST OF *filename filetype filesystem domain_info*.

Reason:

CA VM:Director found an error while it was trying to access the specified file.

Action:

For assistance, contact Technical Support.

1524E

DOMAIN TYPE *type* IS NOT VALID; IT MUST BE CMS, MDISK, SFS, or BFS.

Reason:

CA VM:Director found an error while it was trying to access the specified file.

Action:

For assistance, contact Technical Support.

1525E

UNEXPECTED ERROR WHILE USING FILE/DOMAIN *name* I/O ROUTINES.

Reason:

CA VM:Director found an error while it was performing file/domain I/O. This message follows another message that gives more information about the nature of the problem.

Action:

For assistance, contact Technical Support.

1527I

CA VM:Director HAS SET CP DATEFORMAT TO *dateformat*

Reason:

CA VM:Director must run on a virtual machine using the SHORTDATE date format:

- If you see this message at initialization, it means CA VM:Director changed the date format to SHORTDATE because the virtual machine had been set to some other date format.
- If you see this message at termination, it means CA VM:Director changed the virtual machine date format at initialization. CA VM:Director also reset the date format to the indicated format.

Action:

None.

1530E

FILE *filename filetype filemode* IS R/W, but R/O ACCESS IS REQUIRED

Reason:

You entered a command to update the specified file. For safety reasons, the command requires its input file to be on a read-only disk or directory. However, the input file was accessed read/write. The command ends with return code 1530.

Action:

Access the input disk or directory read-only and enter the command again.

1531I

***syntax-for-command*.**

Reason:

You entered a command with a question mark instead of a file name. The command displays its syntax and ends with return code 1531.

Action:

None.

1532I

***filename filetype* HAS BEEN LEFT ON YOUR A-DISK AND NEEDS TO BE COPIED TO *svmuserid's* A-DISK.**

Reason:

You entered a command to update a file.

Action:

If you are not running the command on the service virtual machine (*svmuserid,* by default VMDIRECT), copy the file to the *svmuserid* A-disk. Then CA VM:Director can update this file.

1533E

REQUIRED *option* OPTION NOT SUPPLIED.

Reason:

You entered a command, which requires the specified option. You did not supply the option. The command ends with return code 1533.

Action:

Enter the command again, this time specifying the required option.

1534E

NOCOPY OPTION IS REQUIRED WHEN RUNNING ON THE *svmuserid* USERID.

Reason:

You entered a command on the SVM (service virtual machine) user ID and either specified the LOAD or NOLOAD option or allowed it to default. When running on the SVM user ID, you must specify the NOCOPY option. The command ends with return code 1534.

Action:

Enter the command again, this time specifying the NOCOPY option.

1550T

FREE STORAGE INITIALIZATION FAILED WITH CODE *code*

Reason:

Free storage initialization failed. CA VM:Director initialization stops.

Action:

Refer to the value of *code* to determine what to do:

- Code 4 -- Increase the amount of storage available below the 16M line.

  (Reserved segments often cause this error. CMS commands STORMAP and QUERY SEGMENT will help you identify reserved segments.)
- Code 8 or C -- CA VM:Director is unable to find the storage manager it requested. Contact Technical Support.
- Any other value. Contact Technical Support.

1551I

FREE STORAGE MANAGER *manager* IS IN USE

Reason:

You have selected the indicated storage manager.

Action:

None.

1554W

***option* OPTION VALUE *value1* NOT SUPPORTED, USING *value2* INSTEAD.**

Reason:

CA VM:Director determined that the TCPIP DATA file contains an option value (*value1*) that it does not support. CA VM:Director uses *value2* instead.

Action:

None.

1555W

DOMAIN NAME RESOLUTION SERVICES HAVE NOT BEEN INITIALIZED WITH A DNS SERVER IP ADDRESS FOR GROUP *group*.

Reason:

The TCPIP DATA file does not have a NSINTERADDR record. This record identifies the internet address of the name server. Because this record is not present, CA VM:Director cannot use domain name resolution services.

Action:

Add a NSINTERADDR record to your TCPIP DATA file to identify the internet address of the name of the name server.

1556E

UNEXPECTED RETURN CODE *code* FROM ENTRY POINT *module*.

Reason:

This message indicates an internal error.

Action:

For assistance, contact Technical Support.

1557E

UNEXPECTED RETURN CODE *code* WAS RECEIVED FROM *text*.

Reason:

You entered a CA VM:Director command that caused CA VM:Director to call an internal function (*text*) that ended with the indicated return code. CMS logs a message on the CA VM:Director service virtual machine. The message displays the name of the EXEC and the line number on which this error occurred. The command ends.

Action:

Contact your CA VM:Director system administrator, who must contact Technical Support and provide the names of the EXECs, the line numbers on which the error occurred, the return code, and the name of the internal function that was running.

1558E

ERROR *code* FROM FORMAT STKMSG *xxxxs*: *variables*.

Reason:

The indicated error occurred while CA VM:Director tried to obtain the text for message *xxxxs*, where xxxx is the four-digit message number and s is the severity code. The variable information in this message is displayed when CA VM:Director logs message 0001E on the CA VM:Director service virtual machine. Processing continues.

Action:

For assistance, contact Technical Support.

1559E

STORAGE REQUEST FOR *number1* BYTES EXCEEDS LIMIT OF *number2* BYTES.

Reason:

A CA VM:Director routine requires *number1* bytes of storage. The amount of storage exceeds the limit of *number2* bytes that can be obtained at one time. The routine ends.

Action:

For assistance, contact Technical Support.

1560E

FUNCTION *function* OF PRIMITIVE *primitive* IS MISSING A PARAMETER.

Reason:

The command you entered called *primitive*, which is an internal system primitive. However, the *function* of *primitive* was missing a required parameter. This message indicates an internal problem. The command fails.

Action:

For assistance, contact Technical Support.

1561E

PARAMETER *parameter1* CANNOT BE USED WITH PARAMETER *parameter2*.

Reason:

The command you entered called an internal system primitive with two parameters that cannot be used together. This message indicates an internal problem. The command fails.

Action:

For assistance, contact Technical Support.

1562E

PARAMETER *parmname* CANNOT BE USED ALONE.

Reason:

The command you entered called an internal system primitive with only parameter *parmname*. However, this parameter requires one or more additional parameters. This message indicates an internal problem. The command fails.

Action:

For assistance, contact Technical Support.

1563E

PARAMETER *parmname* HAS ALREADY BEEN SPECIFIED.

Reason:

The command you entered called an internal system primitive. This primitive specified keyword parameter *parmname* more than one time. This parameter can be specified only once. This message indicates an internal problem. The command fails.

Action:

For assistance, contact Technical Support.

1564E

TRANSLATION TABLE *tablename* ALREADY EXISTS.

Reason:

CA VM:Director tried to load a national language support translation table that was previously loaded at system initialization.

Action:

For assistance, contact Technical Support.

1565E

TRANSLATION TABLE *tablename* HAS AN INVALID FORMAT.

Reason:

The national language support translation table stored in file *tablename* TCPXLBIN has an invalid format. There are several possible reasons:

- You built the translation table with an improper file format.
- The translation table became physically corrupt.

Action:

Rebuild the *tablename* TCPXLBIN file using IBM's TCP/IP CONVXLAT utility.

1566E

TRANSLATION TABLE *tablename* IS REFERENCED BUT WAS NOT FOUND.

Reason:

There is a mismatch between the national language support translation tables that CA VM:Director expects to be loaded at system initialization, and the tables that are actually loaded.

Action:

Take corrective action, such as making sure that translation table *tablename* is available to CA VM:Director at startup on an accessed minidisk or SFS directory.

1567E

YOU CANNOT HAVE A TRANSLATION TABLE NAMED "NONE TCPXLBIN".

Reason:

You named a national language support translation table NONE TCPXLBIN. This name is invalid.

Action:

Rename the file to something other than NONE.

1568E

TRANSLATION TABLE *tablename* IS NOT LOADED.

Reason:

A command was specified with its translation option. However, CA VM:Director did not find *tablename* in the list of loaded national language support translation tables.

Action:

If the specified translation table is correct, determine why CA VM:Director did not load it during system initialization. (Perhaps CA VM:Director could not find the translation table on an accessed minidisk or SFS directory.) If the table name is not correct, enter the command again, this time using a table name that is correct.

1570E

CLIENT REQUEST DID NOT INCLUDE A CONFIGURED SSL VERSION.

Reason:

During the SSL handshake between the client and server to establish the security protocol, the server could not find a compatible version of SSL among those configured for the server's port and those requested by the client. The conversation between the client and the server ends abnormally.

Action:

Verify that your server's communications port can be configured to include a version of SSL that both the client and server support; you can check the port's configuration with the QUERY PORT command. Also, verify that the client is able to use one or more of the SSL versions the server is using, and, if necessary, configure the client to use the SSL version the server is using.

1571E

CLIENT REQUEST DID NOT INCLUDE A CONFIGURED SSL CIPHER SUITE.

Reason:

During the SSL handshake between the client and server to establish the security protocol, the server could not find a compatible SSL cipher suite among those configured for the server's port and those requested by the client. The conversation between the client and the server ends abnormally.

Action:

Verify that your server's communications port can be configured to include an SSL cipher suite that both the client and server support; you can check the port's configuration with the QUERY PORT command. Also, verify that the client is able to use one or more of the SSL cipher suites the server is using, and, if necessary, configure the client to use the SSL cipher suite the server is using.

1572E

SSL "HELLO" MESSAGE RECEIVED FROM THE CLIENT WITH A HANDSHAKE ALREADY IN PROGRESS.

Reason:

The indicated communications protocol error occurred between the client and server. The conversation between the client and the server ends abnormally.

Action:

Attempt communications between the client and server again. If problems persist, contact Technical Support.

1573E

SSL MESSAGE RECEIVED FROM THE CLIENT WITH AN INVALID CONTENT TYPE.

Reason:

The indicated communications protocol error occurred between the client and server. The conversation between the client and the server ends abnormally.

Action:

Attempt communications between the client and server again. If problems persist, contact Technical Support.

1574E

SSL "HELLO" MESSAGE RECEIVED FROM THE CLIENT DOES NOT HAVE THE CORRECT FORMAT.

Reason:

The indicated communications protocol error occurred between the client and server. The conversation between the client and the server ends abnormally.

Action:

Attempt communications between the client and server again. If problems persist, contact Technical Support.

1575E

SSL "KEY EXCHANGE" MESSAGE RECEIVED FROM THE CLIENT DOES NOT HAVE THE CORRECT FORMAT.

Reason:

The indicated communications protocol error occurred between the client and server. The conversation between the client and the server ends abnormally.

Action:

Attempt communications between the client and server again. If problems persist, contact Technical Support.

1576E

SSL "FINISHED" MESSAGE RECEIVED FROM THE CLIENT DOES NOT HAVE THE CORRECT FORMAT.

Reason:

The indicated communications protocol error occurred between the client and server. The conversation between the client and the server ends abnormally.

Action:

Attempt communications between the client and server again. If problems persist, contact Technical Support.

1577E

SSL "FINISHED" MESSAGE RECEIVED FROM THE CLIENT WITHOUT A PRECEDING "CHANGE CIPHER SPEC" MESSAGE.

Reason:

The indicated communications protocol error occurred between the client and server. The conversation between the client and the server ends abnormally.

Action:

Attempt communications between the client and server again. If problems persist, contact Technical Support.

1578E

SSL HANDSHAKE MESSAGE RECEIVED FROM THE CLIENT IS NOT THE ONE EXPECTED.

Reason:

The indicated communications protocol error occurred between the client and server. The conversation between the client and the server ends abnormally.

Action:

Attempt communications between the client and server again. If problems persist, contact Technical Support.

1579E

SSL MESSAGE RECEIVED FROM THE CLIENT DOES NOT HAVE THE CORRECT FORMAT.

Reason:

The indicated communications protocol error occurred between the client and server. The conversation between the client and the server ends abnormally.

Action:

Attempt communications between the client and server again. If problems persist, contact Technical Support.

1580E

DATA WAS RECEIVED FROM THE CLIENT WITHOUT AN SSL HANDSHAKE BEING CONCLUDED.

Reason:

The client tried to communicate with the server before the SSL handshake that establishes the security protocol was completed. The conversation between the client and the server ends abnormally.

Action:

Attempt communications between the client and server again. If problems persist, contact Technical Support.

1581E

SSL "CHANGE CIPHER SPEC" MESSAGE RECEIVED FROM THE CLIENT AT THE WRONG TIME.

Reason:

The indicated communications protocol error occurred between the client and server. The conversation between the client and the server ends abnormally.

Action:

Attempt communications between the client and server again. If problems persist, contact Technical Support.

1587I

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Reason:

This message displays during CA VM:Director system initialization. It follows the standard product and release message.

Action:

None.

1588E

UNEXPECTED REASON CODE *code* RECEIVED FROM CSL ROUTINE *routine*.

Reason:

A CMS CSL routine returned an unexpected error.

Action:

If the routine is a standard CMS CSL routine, look up the error in the IBM documentation and take corrective action. If the routine is not a standard CMS CSL routine, or if the corrective action taken above does not fix the problem, call Technical Support.

1591E

ABENDING WITH PRG001 BECAUSE THE NUCMRK CSL ROUTINE FOUND AN UNEXPECTED ERROR.

Reason:

CA VM:Director encountered an unexpected error while performing SFS asynchronous I/O. This indicates an internal error.

Action:

For assistance, contact Technical Support.

1594E

PRIMITIVE *primitive* DOES NOT EXIST.

Reason:

A primitive used in a CA VM:Director program or macro subcommand was incorrectly specified. The function is suppressed, and return code 102 is returned to the requesting program or macro subcommand.

Action:

If the primitive was incorrectly specified, the calling macro subcommand must be corrected. If the error occurred while invoking a site-written subcommand, ask your CA VM:Director system administrator to trace the macro execution to determine whether the primitive was incorrectly invoked. If these steps do not resolve the problem, your system administrator should contact Technical Support for assistance.

1598I

DNS SERVER *server* TIMED OUT RESOLVING THE *type1* FOR THE *type2* name.

Reason:

While resolving either an 'IPADDR for the CNAME' or a 'NAME for the IPADDR' named in the message, an unresponsive DNS server was found.

Action:

The DNS Server named in the message is not communicating with the product. It may be down or not configured properly. The DNS server IP address is retrieved from your TCPIP DATA file. Correct the problem which is preventing communications between the product and the DNS server(s) named in your TCPIP DATA file and then retry the operation.

Chapter 4: CA LMP Key Messages

This chapter lists all CA VM:Director LMP messages in numerical order. The *Reason* explains what the message means and what CA VM:Director does after issuing the message. The *Action* describes what, if anything, you need to do in response to the message.

CAS9115I

- - INPUT: xxxxxxxxx...

Reason:

Provides a listing of control statements as read from the CALMP KEYS file.

Action:

None.

CAS9116I

- - EKG DEVICE CODE ACCEPTED ACTIVATED ON: *mmm dd, yyyy* G.M.T

Reason:

Informational message issued when a valid EKG device code has been entered:

mmm

is the month the device was activated.

dd

is the day the device was activated.

yyyy

is the year the device was activated.

Action:

None.

CAS9125E

- - LMP key error: *xxxxxxxx*...

Note: This message can have many different causes and responses.

Reason:

Invalid data has been encountered in the CALMP KEYS file. Processing continues with the next input record.

Action:

Review the CALMP KEYS file for invalid data.

Reason:

Missing keyword, where one of the following is listed:

- LMPcode
- DATE
- Prod
- CPU

Action:

Verify the indicated field on the input record.

Reason:

One of the keywords is a duplicate, and was found more than once on the input record.

Action:

Verify the indicated field on the input record and remove the duplication.

Reason:

CPU keyword is too long.

Action:

Verify the correct definitions for the CPU and confirm it is correctly defined to the input record.

Reason:

CPU operand is too long.

Action:

Ensure the CPU keyword is in the proper format of *mmmm-tttt*.

Reason:

CPU serial number is not six characters.

Action:

Confirm that the correct serial number of six characters is defined to the CPU keyword of the input record.

Reason:

DATE keyword is not seven characters.

Action:

Confirm that the DATE keyword defined to the input record is in the format *ddmmmyy*.

Reason:

LMPcode keyword is invalid.

Action:

Ensure that the LMP code on the input record has been defined correctly.

Reason:

Key tampering detected or transcription error.

Action:

Call LMP support. The LMP code defined to the input record is now invalid.

Reason:

LMP code listed ID for another CPU.

Action:

Verify that the LMP code defined to the input record is correct and that you are attempting to start your CA solution on the correct CPU.

Reason:

The length of the data within the () of the EKG control record is not eight bytes long.

Action:

Verify that the length of the data within the () of the EKG control record is eight bytes long.

CAS9171E

- - ERROR *xxxx* {LINKING | ACCESSING | READING} LMP DISK

Reason:

LMP was unable to LINK to the product's x'1FF' disk.

Action:

Ensure there is an x'1FF' minidisk or link defined for the service machine. For more information about the actual cause of the LINK failure, see the return codes of the CP LINK command.

Reason:

LMP was unable to ACCESS the CALMP KEYS file.

Action:

Ensure that a CALMP KEYS file exists on the service machine's x'1FF' disk. For more information about the actual cause of the ACCESS failure, see the return codes of the CMS ACCESS command.

Reason:

LMP was unable to READ the CALMP KEYS file.

Action:

Ensure that the CALMP KEYS file on the service machine's x'1FF' disk contains fixed 128-byte records.

CAS9182A

- - WARNING: LMP KEY FOR VM:SECURE EXPIRES IN *nnn* DAYS

Reason:

The CA LMP licensing agreement for the indicated product is about to expire. The key will expire in the specified number of days.

Note: For CA Mainframe VM Product Manager components at genlevel 0212 or above, the LMP enforcement software will not cause a component to fail, but will issue enforcement messages.

Action:

Contact CA LMP support as soon as possible to avoid potential expiration of CA solution licensing agreement and discontinuance of CA solution initialization.

Chapter 5: Abends

A system abend is an error detected by CA VM:Director that prevents the CA VM:Director software from continuing. It may be a software or system problem in CA VM:Director, CP, or CMS. When a system abend occurs, CA VM:Director does the following:

- Performs a VMDUMP and sends it to the user ID specified during customization to receive abend dumps
- Issues the following message:

  `1126S [set the prr variable for your book] SYSTEM ABEND` *`code`* `OCCURRED AT` *`address`*`.`

This chapter lists the abend codes that may appear in place of *code* in message 1126S.

Handling Abends

When possible, the text that accompanies the codes listed in this chapter indicates the cause of the abend listed and suggests a corrective course of action. For other abend codes, the text directs you to contact Technical Support.

Before you call about an abend, make sure that you have the following information on hand:

- Abend code
- Address at which the abend occurred
- CA VM:Director console listing including the indicative dump
- Any details available about the events preceding the abend

Also, make sure that the dump is available; you may be asked to send it to CA if your problem cannot be resolved over the telephone.

In the abend codes listed below, the first three letters indicate the name of the CA VM:Director CSECT from which the abend was called. Abends caused by program interrupts have a prefix of PRG followed by the interrupt code. Abend messages with a prefix of DMS are CMS abends. For information about these abends, see the appropriate IBM documentation.

Note: Any abends not documented in this chapter are caused by internal logic or other unexpected errors. If any undocumented abends occur, report them to Technical Support.

Note: Contact Technical Support with any questions you may have about the documented abends that follow.

If any of the following abends occur, contact Technical Support.

Abend Code	Response
ABN001	The CA VM:Director ABEND command was issued or a CA VM:Director macro found an error that required the CA VM:Director product to abend. Examine the CA VM:Director console for an error message just prior to the abend that would indicate this.
ABN099	Contact Technical Support.
ACA100	The buffer used for DIAGNOSE ‘A0’ processing is being read by FREAD, but its size does not match the size acquired.
ACA101	While processing a DIAGNOSE ‘A0’ subfunction, the buffer being used was greater than 64K.
ACI101	The first character of the link mode from CP for LINK authorizations is not R, W, or M.

Abend Code	Response
ADM001	Contact Technical Support.
AIC001-AIC005 AIC007-AIC010	Contact Technical Support.
AID001-AID002	Contact Technical Support.
AIE001-AIE015	Contact Technical Support.
AIF001-AIF014	Contact Technical Support.
ASN001-ASN002	Contact Technical Support.
AUD101	An unexpected return code was received from the FSSTATE macro while checking for the existence of the AUDIT file.
AUD102	An active disk table (ADT) lookup call to CMS failed to find the ADT for the AUDT disk.
AUT001-AUT002	Contact Technical Support.
BED001	CA VM:Director opened a directory entry that was empty.
BED003	The EDIT primitive tried to edit a directory entry and could not make it to the top of the directory entry.
BED005	An error occurred while trying to add a Last Logon special comment (*LL=) or a Last (X)Autolog special comment (*LA) to a directory entry.
BED006	An error occurred while trying to add a History special comment (*HS=) to a directory entry.
BED007	The EDIT primitive experienced an error while trying to close a directory entry.
BIG001-BIG002	Contact Technical Support.
BIO002-BIO012	Contact Technical Support.
BKP101	An overflow occurred in the Inter–User Communication Vehicle (IUCV) buffer while transmitting the extract or directory backup back to the requesting user.
BKP102	While scanning directory statements for an extract, a required field on a record was not found.
BKP103	While building the extract or directory backup, CA VM:Director found more USRSECTs than there were directory entries on the DRCT minidisk.
BKP104	An extract or backup was issued with no USRSECTs in the system (that is, before initialization).
BLK001 BLK004 BLK010-BLK012 BLK022	Contact Technical Support.
BNM001	Contact Technical Support.
BUF001	Contact Technical Support.

Abend Code	Response
BUF101	An invalid buffer was received.
CBB001	Contact Technical Support.
CBK001-CBK005	Contact Technical Support.
CBP001	Contact Technical Support.
CCR001-CCR002	Contact Technical Support.
CDF001	Contact Technical Support.
CDG001-CDG009	Contact Technical Support.
CEL001-CEL002 CEL004	Contact Technical Support.
CER001-CER002	Contact Technical Support.
CFG001	Contact Technical Support.
CFH001	The nucleus reconfiguration block was not found when it is required.
CFH002	While processing EXTSECTs, the eyecatcher field of the control block was found to be invalid. A storage overlay might have occurred.
CFH003	While processing SUBSECTs, the eyecatcher field of the control block was found to be invalid. A storage overlay might have occurred.
CFH004	While processing SPESECTs, the eyecatcher field of the control block was found to be invalid. A storage overlay might have occurred.
CFH005	While processing IGNSECTs, the eyecatcher field of the control block was found to be invalid. A storage overlay might have occurred.
CFH006	While processing NOLSECTs, the eyecatcher field of the control block was found to be invalid. A storage overlay might have occurred.
CFH007	While processing VOLSECTs, the eyecatcher field of the control block was found to be invalid. A storage overlay might have occurred.
CHP001	An error occurred while encrypting a password.
CMD001	Contact Technical Support.
CMD002	While processing an SCBSECT, the eyecatcher field of the control block was found to be invalid. A storage overlay might have occurred.
CMD003-CMD004 CMD100	Contact Technical Support.
CMD005	While processing VOLSECTs, the eyecatcher field of the control block was found to be invalid. A storage overlay might have occurred.
CMD008	Contact Technical Support.

Abend Code	Response
CMN001	During initialization, CA VM:Director could not find a SYSOPER list. Check the PRODUCT CONFIG file for a SYSOPER record and see if it is valid. Correct the record if it is invalid and start CA VM:Director again. If the problem persists, contact Technical Support.
CMN003	While processing DSKSECTs, the eyecatcher field of the control block was found to be invalid. A storage overlay might have occurred.
CMN004	While processing VOLSECTs, the eyecatcher field of the control block was found to be invalid. A storage overlay might have occurred.
CMN005	While processing DVCSECTs, the eyecatcher field of the control block was found to be invalid. A storage overlay might have occurred.
CMN006	Processing dictates that at least one or a specific DVCSECT must exist and that control was found. A storage overlay or internal logic problem has occurred.
CMS001-CMS002	Contact Technical Support.
CMW001-CMW003	Contact Technical Support.
CPI006	Contact Technical Support.
CPI101	Entry to this module occurred from a process that was not an ACI request.
CPI102	An entry point requiring an IUCV page buffer was called by a process without one.
CPI103	An error occurred issuing an IUCV REPLY to an ACI IUCV SEND.
CPI104	An error other than MSGLIMIT EXCEEDED occurred when issuing an IUCV SEND to the ACI system service.
CPI107	An invalid exit order code was detected when attempting to send a return code back to CP.
CPR001-CPR005 CPR007-CPR010	Contact Technical Support.
CPW001	An error occurred while encrypting a password.
CPW002	An error occurred while processing a password.
CRY001-CRY005	Contact Technical Support.
CSL002	This abend can occur for a number of reasons. To determine the cause, refer to the reason code provided in message 1294S, which CA VM:Director issues before this abend occurs. Reason code 97250 indicates that the CA VM:Director service virtual machine cannot allow any more IUCV connections. To correct this problem, increase the MAXCONN setting on the OPTIONS record in the service virtual machine's directory entry. recommends that this setting be at least 3000. For information on other reason codes, refer to the IBM CMS application development reference documentation.
CSL003-CSL004	Contact Technical Support.

Abend Code	Response
CSL100	A call to DMSCSL resulted in a return code other than 0 or 4, which are the only ones accepted.
CVD001 CVD100	Contact Technical Support.
CVT001	Contact Technical Support.
DBG001	Contact Technical Support.
DBI001	Contact Technical Support.
DBI002	CA VM:Director database initialization failed. Make sure that the CA VM:Director database, a file with a filetype of PFMDB, resides on the correct CA VM:Director minidisk (usually the 1B0 minidisk), then restart CA VM:Director.
DBI003	The shutdown of the CA VM:Director database failed.
DBI004-DBI006	Contact Technical Support.
DBK001-DBK003	Contact Technical Support.
DCF001-DCF003	Contact Technical Support.
DDF001	Contact Technical Support.
DDF002	An error occurred when CA VM:Director used the CP SPOOL command to spool a device to a user. An accompanying CP message is logged on the CA VM:Director service virtual machine indicating why the CP SPOOL command failed. If the CP message does not provide sufficient information to correct the problem, contact Technical Support.
DDF003	Contact Technical Support.
DDL001	Contact Technical Support.
DDL002	An error occurred when CA VM:Director used the CP SPOOL command to spool a device to a user. An accompanying CP message is logged on the CA VM:Director service virtual machine indicating why the CP SPOOL command failed. If the CP message does not provide sufficient information to correct the problem, contact Technical Support.
DDL003-DDL004	Contact Technical Support.
DEV001	While looking for a specific DVCSECT, the eyecatcher field of the control block was found to be invalid. A storage overlay might have occurred.
DEV002	A DVCSECT was not found when expected.
DEV003	The values within a DVCSECT are invalid.
DEV004	A second call to the routine to initialize the device type table was detected. A logic error probably has occurred.
DIO001-DIO003	Contact Technical Support.

Abend Code	Response
DIO006	CA VM:Director tried to perform an I/O operation on a minidisk but the minidisk was not available. (A Start I/O Fast operation returned a condition code 3.) Verify that all DASD and related devices are enabled and available to your VM system and operating correctly. Restart CA VM:Director. If the abend recurs, contact Technical Support.
DIO007	CA VM:Director tried to perform an I/O operation on a minidisk, but a Start I/O Fast operation returned a condition code 1. This indicates that the BUSY bit, the STATUS MODIFIER bit, or both were set on but no other status bits were set on. CA VM:Director might have tried to perform I/O on a minidisk that was shared with another virtual machine while the other machine had the device reserved. Verify that all DASD and related devices are enabled and available to your VM system and operating correctly. If the abend recurs, contact Technical Support.
DIP001-DIP005	Contact Technical Support.
DIR002	An error was encountered in writing a directory page.
DIR004	An error occurred in attempting to read a directory page.
DIR007	An attempt was made to remove the CA VM:Director user ID from the directory.
DIR101	An error was encountered in attempting to update the directory.
DIR102	A logic error occurred in allocating space on a page.
DIR103	CA VM:Director was unable to find a USRSECT for the edited file name while processing a DIRECT MDISK function.
DIR104	An error occurred in initializing page allocation. You either ran a CP FORMAT/ALLOCATE or in some way changed cylinder 0, the allocation map, on your SYSRES pack. Run the CMS DIRECT command to fix the pointers, then start CA VM:Director again with the SOURCE option. If the problem persists, contact Technical Support.
DIR105	A USERTEST was attempted on an empty file.
DIR106	A direct subfunction requiring an initialized directory was attempted before the directory was initialized.
DIR109	CA VM:Director received an error closing a directory profile after the profile was written to the object directory.
DIR110	VMXDIR received an unexpected return code from VMXDIS, the routine that handles IUCV, IPL, SCREEN, and OPTION control statements.
DIR111	VMXDIR received an unknown error code from the FST lookup routine while checking the date on the directory profiles on the DRCT minidisk to determine whether CA VM:Director can do a quick start.
DIR112	While building the control blocks for directory profiles to ascertain which users are using which profiles, CA VM:Director found a USRSECT that was not in the USRSECT chain.

Abend Code	Response
DIR113	While attempting to place a user ID on hold, CA VM:Director found that you did not have a control block (PRFSECT) for the directory profile the user ID was using.
DIR114	CA VM:Director tried to delete a user ID who had a profile in its directory entry. When CA VM:Director tried to take the user ID out of the profile's reference chain, it could not find the user ID.
DIR115	Contact Technical Support.
DIR116	While processing a POLSECT, the eyecatcher field of the control block was found to be invalid. A storage overlay might have occurred.
DIR117	A USRSECT that should be for a pool member does not have the correct user ID prefix or the pool member flag is not set.
DIS001	An error occurred while writing out a page to the object directory after updating a UIUCBLOK or a UIPLBLOK.
DIS003	While processing DSKSECTs, the eyecatcher field of the control block was found to be invalid. This indicates that a storage overlay probably has occurred.
DIS101	The VMXDIS routine found a directory control statement that it did not recognize. This routine should only be called for processing a limited number of control statements.
DIS102	An error occurred in calculating the new available page length while attempting to allocate a page to write out a UDEVBLOK.
DIS103	When processing a LINK statement in a directory profile, CA VM:Director could not find the directory profile control block (PRFSECT) for that profile.
DIS106	Contact Technical Support.
DIU001	CA VM:Director tried to write a page to the object directory and the write failed.
DIU002	While processing DSKSECTs, the eyecatcher field of the control block was found to be invalid. This indicates that a storage overlay probably has occurred.
DIU003	While processing VOLSECTs, the eyecatcher field of the control block was found to be invalid. This indicates that a storage overlay probably has occurred.
DIU101	CA VM:Director tried to process a device card in a directory entry and found an invalid device card.
DIU102	CA VM:Director attempted to allocate a UDEVBLOK and ran out of room.
DIU103	CA VM:Director tried to manipulate a link record in a profile reference in a user ID's directory. However, the profile does not exist.
DMS*xxx*	Abend messages with a DMS *xxx* code are CMS abends. Refer to the appropriate IBM documentation for information about these abend codes.
DNX100	Requested too many pages at once.

Abend Code	Response
DNX101	A logic error occurred while allocating space on a page.
DNX102	Attempted to allocate more than one page.
DNX103	An error was encountered in writing a directory page.
DNX104	An error occurred while attempting to read a directory page.
DNX105	A logic error occurred while adding a user to the directory.
DNX106	An error occurred while allocating profile index.
DNX107	An error while allocating held index.
DNX114	CA VM:Director could not find the user in the object directory.
DNX115	User found in directory that should not have been there.
DNX116	CA VM:Director could not find the user on hold in the object directory.
DNX117	CA VM:Director could not find the profile in the object directory.
DNX118	A POSIX user ID that should exist was not found in the CP object directory.
DNX119	A POSIX user ID that should not exist was found in the CP object directory.
DNY100	Requested too many pages at once.
DNY101	A logic error occurred while allocating space on a page.
DNY102	Attempted to allocate more than one page.
DNY103	An error was encountered in writing a directory page.
DNY104	An error occurred while attempting to read a directory page.
DNY105	A logic error occurred while adding a user to the directory.
DNY106	An error occurred while allocating profile index.
DNY107	An error while allocating held index.
DNY114	CA VM:Director could not find the user in the object directory.
DNY115	User found in directory that should not have been there.
DNY116	CA VM:Director could not find the user on hold in the object directory.
DNY117	CA VM:Director could not find the profile in the object directory.
DSK001-DSK002 DSK004 DSK008	Contact Technical Support.
DSP001	A second call was made to the dispatcher initialization routine.
DSP003	An unexpected return was made to the dispatcher after attempting to cause a CMS abend following an HX command.

Abend Code	Response
DSR001	While processing an SVNSECT, the eyecatcher field of the control block was found to be invalid. This probably indicates that a storage overlay has occurred.
DST001-DST013 DST015	Contact Technical Support.
DTH001	Contact Technical Support.
DXM001	Internal support for issuing a CA VM:Director message was not included in the DXM module.
DXM100	A message number was not found within the DXM module.
DXR002	An error was encountered in writing a directory page.
DXR007	An attempt was made to remove the CA VM:Director user ID from the directory.
DXR100	A logic error occurred while processing continuation records.
DXR101	An error was encountered attempting to update the directory.
DXR102	A logic error occurred while allocating space on a page.
DXR104	An error occurred while deleting a PFXSECT.
DXR105	A USERTEST was attempted on an empty file.
DXR106	A direct subfunction requiring an initialized directory was attempted before the directory was initialized.
DXR109	CA VM:Director received an error closing a directory profile after the profile was written to the object directory.
DXR110	CA VM:Director received an unexpected return code from VMXDXS, the routine that handles IUCV, IPL, SCREEN, and OPTION control statements.
DXR113	While attempting to place a user ID on hold, CA VM:Director found that it did not have a control block (PFXSECT) for the directory profile the user ID was using.
DXR114	CA VM:Director could not find the user in the object directory.
DXR300	CA VM:Director found an error while updating the CP object directory.
DXS001	An error occurred while writing out a page to the object directory.
DXS101	The VMXDXS routine found a directory control statement that it did not recognize.
DXS102	An error occurred while calculating the new available page length while attempting to allocate a page.
DXS106	A direct subfunction requiring an initialized directory was attempted before the directory was initialized.
DXS107	Required entry in the internal options table was not found.

Abend Code	Response
DXT003	While processing DSKSECTs, the eyecatcher field of the control block was found to be invalid. This indicates that a storage overlay probably has occurred.
DXT100	An error occurred while attempting to read a directory page.
DXT101	DGDBK too large to read or write to.
DXT103	The USRSECT for the user ID currently being processed could not be found.
DXT111	A call to the FST lookup routine resulted in a return code other than 1, file not found.
DXU001	CA VM:Director tried to write a page to the object directory and the write failed.
DXU002	A logic error has caused the processing of the ending cylinder value without having processed the starting cylinder value.
DXU003	While processing DSKSECTs, the eyecatcher field of the control block was found to be invalid. This indicates that a storage overlay probably has occurred.
DXU004	While processing VOLSECTs, the eyecatcher field of the control block was found to be invalid. This indicates that a storage overlay probably has occurred.
DXU101	CA VM:Director tried to process a device card in a directory entry and found an invalid device card.
DXU102	An error occurred while calculating the new available page length while attempting to allocate a page.
DXV101	The VMXDXV routine found a directory control statement that it did not recognize.
DXW001	An invalid XWKSECT was encountered.
DXW002	An invalid PFXSECT was found.
DXW003	An invalid POLSECT was found.
DXW100	A logic error occurred while updating a POOL member.
DXW101	A logic error occurred while compiling a directory entry.
DXW102	Attempted to allocate more than one page.
DXW103	An error occurred while writing a directory page.
DXW104	The POLSECT was not found in the profile chain.
DXW200	An error occurred while updating a directory POOL.
ECL001-ECL010	Contact Technical Support.
EDU100	An error occurred while expanding a source directory entry and its included directory PROFILE.
EDV100	An error occurred while expanding the POSIXGLIST.
EDV101	An error occurred while contracting the POSIXGLIST.

Abend Code	Response
EDV102	An logic error occurred while processing continuation records.
EDV103	An logic error occurred while adding a new directory record after expanding a directory entry and its included directory PROFILE.
EIT001	While processing an SCBSECT, the eyecatcher field of the control block was found to be invalid. This probably indicates that a storage overlay has occurred.
EIT006	While processing an IUBSECT, the eyecatcher field of the control block was found to be invalid. This probably indicates that a storage overlay has occurred.
EIT104	An error was returned from the IUCV RECEIVE function.
EIT105	An unexpected IUCV SEVER function was received from the ACI system service.
EIT106	Incoming data length is too large for the RECEIVE buffer.
EIT107	An unexpected error was received from an IUCV REJECT function for a heartbeat message from the CP component for availability check.
ELP001	An error occurred while encrypting a password.
ENC001-ENC002	Contact Technical Support.
END002	During system termination, CA VM:Director found a routine on the termination exit chain with an invalid control block. If the abend recurs, contact Technical Support.
END003	Contact Technical Support.
EOP001-EOP003	Contact Technical Support.
ERD001-ERD009	Contact Technical Support.
ERF001	Contact Technical Support.
ERS001-ERS006	Contact Technical Support.
ETR001-ETR005 ETR008-ETR009	Contact Technical Support.
EVE001	While processing a PCBSECT, the eyecatcher field of the control block was found to be invalid. This probably indicates that a storage overlay has occurred.
EVE002	The process being NUCPOSTed has already been terminated.
EWR001-EWR005 EWR008-EWR009	Contact Technical Support.
EXE001	An internal CA VM:Director command, normally used only after initialization, was called before initialization completed. Enter **ipl cms** on the CA VM:Director service virtual machine and start CA VM:Director again.
EXE002	Unable to establish the SUBCOM environment.
EXE004	Contact Technical Support.

Abend Code	Response
FDI001-FDI004 FDI006-FDI008	Contact Technical Support.
FMT001-FMT005	Contact Technical Support.
FPC001	Contact Technical Support.
FRF002	The CA VM:Director service virtual machine needs more virtual storage to run. Define a larger virtual machine size by either using the CP DEFINE STORAGE command or by changing the CA VM:Director directory entry. If you change the directory entry, log off the CA VM:Director service virtual machine, then log on again.
FRF003	An event altered the contents of free storage on the CA VM:Director service virtual machine. This condition has made it impossible for CA VM:Director to satisfy a request for free storage because the pointers connecting the pages of free storage are no longer intact.
FRF004	The CA VM:Director service virtual machine needs more virtual storage to run. Define a larger virtual machine size by either using the CP DEFINE STORAGE command or by changing the CA VM:Director directory entry. If you change the directory entry, log off the CA VM:Director service virtual machine, then log on again.
FRF006	An attempt was make to free a block of storage that is not aligned on a page boundary.
FRF007	An attempt was made to free a block of storage contained entirely within a single page. In doing so, either the page was found to be already free or the block was found to overlap two pages.
FRF008	While releasing pages of memory that were used in previous processes, CA VM:Director was unable to locate a particular page that had been marked for release.
FRF009	CA VM:Director was attempting to free storage and the amount of storage left in the storage pool was reduced to an invalid amount.
FRF010	A request for free storage was made before CA VM:Director was fully initialized.
FRF011	A process requested 0 free storage. This is an invalid request.
FRF013	An attempt was made to return a block of storage that either is an invalid size or was never allocated. Storage at the end of the block may have been overlaid.
FRF016	When the PAGE subpool received a free–storage request, the amount of storage requested was not 4K bytes.
FRF017	When the PAGE subpool received a free–storage request, the address was not on a 4K boundary or the amount of storage requested was not 4K bytes.
FRF018-FRF019	Contact Technical Support.

Abend Code	Response
FRG002	The CA VM:Director service virtual machine needs more virtual storage to run. Define a larger virtual machine size by either using the CP DEFINE STORAGE command or by changing the CA VM:Director directory entry. If you change the directory entry, log off the CA VM:Director service virtual machine, then log on again.
FRG003	An event altered the contents of free storage on the CA VM:Director service virtual machine. This condition has made it impossible for CA VM:Director to satisfy a request for free storage because the pointers connecting the pages of free storage are no longer intact.
FRG004	The CA VM:Director service virtual machine needs more virtual storage to run. Define a larger virtual machine size by either using the CP DEFINE STORAGE command or by changing the CA VM:Director directory entry. If you change the directory entry, log off the CA VM:Director service virtual machine, then log on again.
FRG006	An attempt was make to free a block of storage that is not aligned on a page boundary.
FRG007	An attempt was made to free a block of storage contained entirely within a single page. In doing so, either the page was found to be already free or the block was found to overlap two pages.
FRG009	CA VM:Director was attempting to free storage and the amount of storage left in the storage pool was reduced to an invalid amount.
FRG010	A request for free storage was made before CA VM:Director was fully initialized.
FRG011	A process requested 0 free storage. This is an invalid request.
FRG013	An attempt was made to return a block of storage that either is an invalid size or was never allocated. Storage at the end of the block may have been overlaid.
FRG015	Contact Technical Support.
FRG016	When the PAGE subpool received a free–storage request, the amount of storage requested was not 4K bytes.
FRG017	When the PAGE subpool received a free–storage request, the address was not on a 4K boundary or the amount of storage requested was not 4K bytes.
FRG018-FRG019	Contact Technical Support.
FRH002	The CA VM:Director service virtual machine needs more virtual storage to run. Define a larger virtual machine size by either using the CP DEFINE STORAGE command or by changing the CA VM:Director directory entry. If you change the directory entry, log off the CA VM:Director service virtual machine, then log on again.
FRH003	An event altered the contents of free storage on the CA VM:Director service virtual machine. This condition has made it impossible for CA VM:Director to satisfy a request for free storage because the pointers connecting the pages of free storage are no longer intact.

Abend Code	Response
FRH004	The CA VM:Director service virtual machine needs more virtual storage to run. Define a larger virtual machine size by either using the CP DEFINE STORAGE command or by changing the CA VM:Director directory entry. If you change the directory entry, log off the CA VM:Director service virtual machine, then log on again.
FRH006	An attempt was make to free a block of storage that is not aligned on a page boundary.
FRH007	An attempt was made to free a block of storage contained entirely within a single page. In doing so, either the page was found to be already free or the block was found to overlap two pages.
FRH009	CA VM:Director was attempting to free storage and the amount of storage left in the storage pool was reduced to an invalid amount.
FRH010	A request for free storage was made before CA VM:Director was fully initialized.
FRH011	A process requested 0 free storage. This is an invalid request.
FRH013	An attempt was made to return a block of storage that either is an invalid size or was never allocated. Storage at the end of the block may have been overlaid.
FRH014-FRH015	Contact Technical Support.
FRH016	When the PAGE subpool received a free–storage request, the amount of storage requested was not 4K bytes.
FRH017	When the PAGE subpool received a free–storage request, the address was not on a 4K boundary or the amount of storage requested was not 4K bytes.
FRH018-FRH019	Contact Technical Support.
GLB100	An error occurred while updating the CA VM:Director GLOBALS file.
GRO001	Unable to find the USRSECT for the issuer of the GROUP command.
HSH001	Contact Technical Support.
IOX001-IOX004	Contact Technical Support.
IPL001	Contact Technical Support.
IUC002	A CMSIUCV sever function failed for a process.
IUC003	A CMSIUCV accept function failed.
IUC004	Contact Technical Support.
IUC005	A CMSIUCV SEVER function failed attempting to reject a connection request.
IUC006-IUC007	Contact Technical Support.
IUM001-IUM002	Contact Technical Support.
IUP001	Attempted to connect to a product-to-product (PPI) resource a second time.

Abend Code	Response
IUP002	Contact Technical Support.
IUP003	When CA VM:Director received a request to send data to another CA product through the product-to-product interface (PPI), the amount of data exceeded the maximum buffer size.
IUP004	When CA VM:Director received a request to send data to another CA product through the product-to-product interface (PPI), the parameter list was not aligned on a doubleword.
IUT001	Contact Technical Support.
LCK001	Process lock counter went negative.
LCK002	An I/O error occurred while processing the permanent lock file.
LCK003	A PERM lock was expected but not found.
LIN001	CA VM:Director found an invalid LNKSECT or LNKSECT chain that was corrupted.
LIS101	The list handler program encountered a list that was greater than 4K.
LIS105	The list handler encountered a list with a header that was more than 4K.
LSA102	The list handler program encountered a recursive list that should have been caught in initial processing and that could cause a recursive call to VMXLSA.
LSA103	The list handler encountered a word in the list that requires an additional parameter, a situation that should have been caught in initial processing of the list.
LSA104	The list handler encountered a list that ended with a word that requires an additional parameter, a situation that should have been caught in initial processing of the list.
MAI001-MAI007	Contact Technical Support.
MAP001	While looking for a specific SUBSECT, the eyecatcher field of the control block was found to be invalid. This indicates that a storage overlay probably has occurred.
MAP002	While looking for a specific VOLSECT, the eyecatcher field of the control block was found to be invalid. This indicates that a storage overlay probably has occurred.
MAP003	While looking for a specific EXTSECT, the eyecatcher field of the control block was found to be invalid. This indicates that a storage overlay probably has occurred.
MAP004	While looking for a specific DSKSECT, the eyecatcher field of the control block was found to be invalid. This indicates that a storage overlay probably has occurred.
MAP005	While looking for a specific IGNSECT, the eyecatcher field of the control block was found to be invalid. This indicates that a storage overlay probably has occurred.
MAP006	While looking for a specific SPESECT, the eyecatcher field of the control block was found to be invalid. This indicates that a storage overlay probably has occurred.
MAP007	While looking for a specific MGRSECT, the eyecatcher field of the control block was found to be invalid. This indicates that a storage overlay probably has occurred.

Abend Code	Response
MAP008	While looking for a specific DVCSECT, the eyecatcher field of the control block was found to be invalid. This indicates that a storage overlay probably has occurred.
MAP009	While looking for a specific LNKSECT, the eyecatcher field of the control block was found to be invalid. This indicates that a storage overlay probably has occurred.
MAP010	While looking for a specific USRSECT, the eyecatcher field of the control block was found to be invalid. This indicates that a storage overlay probably has occurred.
MAP012	While processing DSKSECTs, at least one or a specific DSKSECT was expected but could not be found. This indicates either a logic problem or a storage overlay probably has occurred.
MAP014	While processing NOLSECTs, the eyecatcher field of the control block was found to be invalid. This indicates that a storage overlay probably has occurred.
MAP015	An invalid offset into the record handler branch table was received. This indicates logic error probably has occurred.
MEA001	Contact Technical Support.
MNG001	While processing a SUBSECT, the eyecatcher field of the control block was found to be invalid. This probably indicates that a storage overlay has occurred.
MNG002	A valid option on the MANAGER primitive could not be found in the internal table of kinds of data to stack.
MNG007	While processing a MGRSECT, the eyecatcher field of the control block was found to be invalid. This probably indicates that a storage overlay has occurred.
MNG102	While processing the internal mapping of minidisks, CA VM:Director found too many subpools.
MON001-MON003	Contact Technical Support.
MSC001 MSC004	Contact Technical Support.
MSD001	An internal error occurred in one of the following primitives: SEMAPHORE, WAITSEC, WAITDATE, YIELD, or QLOCK.
MSG002	A request has been made to abend when a specific message is issued. This is defined on the MESSAGE record in the PRODUCT CONFIG file or using the DEBUG command.
MSG003	Contact Technical Support.
MSG004	During dynamic reconfiguration of the message facility the required reconfiguration control block was not found.
MSG005	Contact Technical Support.

Abend Code	Response
MTX001-MTX005 MTX007-MTX013 MTX015-MTX016 MTX018	Contact Technical Support.
MUL001	Contact Technical Support.
OBT001	While looking for a specific SUBSECT, the eyecatcher field of the control block was found to be invalid. This indicates that a storage overlay probably has occurred.
OBT002	While looking for a specific VOLSECT, the eyecatcher field of the control block was found to be invalid. This indicates that a storage overlay probably has occurred.
OBT003	While looking for a specific EXTSECT, the eyecatcher field of the control block was found to be invalid. This indicates that a storage overlay probably has occurred.
OBT004	While looking for a specific DSKSECT, the eyecatcher field of the control block was found to be invalid. This indicates that a storage overlay probably has occurred.
OBT006	While looking for a specific SPESECT, the eyecatcher field of the control block was found to be invalid. This indicates that a storage overlay probably has occurred.
OBT007	While looking for a specific MGRSECT, the eyecatcher field of the control block was found to be invalid. This indicates that a storage overlay probably has occurred.
OBT011	While processing EXTSECTs, at least one or a specific EXTSECT was expected but could not be found. This indicates either a logic problem or a storage overlay probably has occurred.
OBT012	While processing DSKSECTs, at least one or a specific DSKSECT was expected but could not be found. This indicates either a logic problem or a storage overlay probably has occurred.
OBT101	The allocator's MGRSECT was not found.
PAG009	Unable to swap directories due to repeated failure of DIAGNOSE X'3C'.
PAG101	An entry point was called before page I/O was initialized.
PAG102	A logic–induced I/O error occurred.
PAG103	The primary UDIRBLOK page has no real UDIRBLOKs because there are no users in the directory.
PAG104	An attempt was made to write primary UDIRBLOK page at page 0.
PAG105	An attempt was made to write to a non–directory cylinder.
PAG106	An attempt was made to write before a Fixed–Block–Architecture (FBA) directory extent.
PAG107	An attempt was made to write beyond an FBA directory extent.

Abend Code	Response
PAG108	On a system running on VM/ESA (370 Feature), the object directory was modified by a program other than CA VM:Director.
PAG110	A process tried to release the object directory lock without first obtaining it.
PAK001-PAK002	Contact Technical Support.
PAT002	Contact Technical Support.
PFX002	An invalid PFXSECT was found.
PFX100	Attempted to add PFXSECT when one already exists.
PFX101	The profile reference chain is corrupted.
PGP001	While processing an SCBSECT, the eyecatcher field of the control block was found to be invalid. A storage overlay might have occurred.
PGP002	An invalid PGRP was found.
PGP003	An invalid DGRPM was found.
PGP100	An error occurred while editing the VMDIRECT POSIX file.
PGP101	A logic error occurred when CA VM:Director attempted to add a Gname twice.
PGP102	A logic error occurred while updating a DGRPM; a user was missing that had existed earlier.
POL002	While processing a POLSECT, the eyecatcher field of the control block was found to be invalid. A storage overlay might have occurred.
PPI001	Attempted communication with an unknown service virtual machine.
PPI002	CA VM:Director received an unsupported subcode from another CA product through the product-to-product interface (PPI).
PPI003	CA VM:Director received an order with an incorrect amount of data from another CA product through the product-to-product interface (PPI).
PPI004	CA VM:Director received an order to open a file from another CA product through the product-to-product interface (PPI), but the maximum number of files was already open.
PPI005	CA VM:Director received an order to read or write from a file from another CA product through the product-to-product interface (PPI), but no file was open.
PPI006	CA VM:Director received an order to read or write from a file from another CA product through the product-to-product interface (PPI), but the specified file was not open.
PRG*xxx*	A program check code, *xxx*, occurred.
PRO014 PRO016	Contact Technical Support.

Abend Code	Response
PRS001	Contact Technical Support.
PRT001	Contact Technical Support.
PRT002	An error occurred when CA VM:Director used the CP SPOOL command to spool a device to a user. An accompanying CP message is logged on the CA VM:Director service virtual machine indicating why the CP SPOOL command failed. If the CP message does not provide sufficient information to correct the problem.
PSX001	While processing an SCBSECT, the eyecatcher field of the control block was found to be invalid. A storage overlay might have occurred.
PUN001	Contact Technical Support.
PUN002	An error occurred when CA VM:Director used the CP SPOOL command to spool a device to a user. An accompanying CP message is logged on the CA VM:Director service virtual machine indicating why the CP SPOOL command failed. If the CP message does not provide sufficient information to correct the problem, contact Technical Support.
PUN003-PUN004	Contact Technical Support.
PXG003	CA VM:Director called the program to read or write a page without passing the address of the Page Allocation Buffer control block. Save the dump and the CA VM:Director console log and contact Technical Support.
PXG009	Unable to swap directories due to repeated failure of DIAGNOSE X‘3C’.
PXG010	The disk containing the current object directory has been replaced with an alternate one during CA VM:Director operation.
PXG101	An entry point was called before Page I/O was initialized.
PXG102	A logic–induced I/O error occurred.
PXG103	The pointer to or the contents of the Buffered Page Control Structure (BPCS) has been corrupted.
PXG104	Unexpectedly found no pages buffered when a Buffered Page Control Structure (BPCS) exists.
PXG105	An attempt was made to write to a non–directory cylinder.
PXG107	There is an I/O error on the object directory device.
PXG108	On a system running on VM/ESA, the object directory was modified by a program other than CA VM:Director.
PXG109	VMXPXG detected an invalid Buffered Page Control Structure (BPCS) processing function code.
PXG120	The PABSECT points to a page that contains invalid data.

Abend Code	Response
PXG121	CA VM:Director received an unexpected error during initialization while trying to read the object directory.
PXG122	The DDEV blocks in the object directory have a format that CA VM:Director does not recognize.
PXG123	No existing user has a DDEV block.
RAM001-RAM007 RAM009	Contact Technical Support.
RC2001-RC2002	Contact Technical Support.
RC4001-RC4002	Contact Technical Support.
REB002	Unable to allocate directory space.
REB003	An error occurred reading a directory page.
REB004	An error occurred writing a directory page.
REB005	Unable to swap directories.
REB101	Unable to reset the directory space allocation.
REB102	A logic error was encountered allocating space on a directory page.
REB103	The object directory rebuilder encountered a UMACBLOK that pointed to a PRFSECT (directory profile control block) that didn't exist.
REB104	Unexpected error code from EDIT OPEN while attempting to open a directory profile referenced by a UMACBLOK that was being processed.
REB110	During initialization, CA VM:Director discovered ACIGROUP statements in directory entries, and the ACIGROUP was not defined on a GROUP record in the SECURITY CONFIG file.
REB112	A duplicate directory entry was found in the object directory.
REL001-REL002	Contact Technical Support.
REM001	While processing a DSDBLOK, the eyecatcher field of the control block was found to be invalid. This indicates that a storage overlay probably has occurred.
REM002	While processing DSKSECTs, the eyecatcher field of the control block was found to be invalid. This indicates that a storage overlay probably has occurred.
REM003	While processing VOLSECTs, the eyecatcher field of the control block was found to be invalid. This indicates that a storage overlay probably has occurred.
REM004	While processing EXTSECTs, the eyecatcher field of the control block was found to be invalid. This indicates that a storage overlay probably has occurred.

Abend Code	Response
REM005	While processing VOLSECTs, at least one or a specific VOLSECT was expected but could not be found. This indicates either a logic problem or a storage overlay probably has occurred.
REM006	While processing IGNSECTs, the eyecatcher field of the control block was found to be invalid. This indicates that a storage overlay probably has occurred.
REM007	While processing NOLSECTs, the eyecatcher field of the control block was found to be invalid. This indicates that a storage overlay probably has occurred.
REM008	While processing LNKSECTs, the eyecatcher field of the control block was found to be invalid. This indicates that a storage overlay probably has occurred.
REM009	While processing LNKSECTs on the *undefined* chain, one was found that did not point to its owning USRSECT. This indicates a logic error or storage overlay probably has occurred.
REM010	During the commit pass of the minidisk structure, an overlap condition was detected. This indicates a logic error probably has occurred.
REM011	While processing DSKSECTs, no more were found, indicating end of extent, but there should be more DSKSECTs. This indicates a logic error probably has occurred.
REM012	An invalid offset into the error message branch table was received. This indicates a logic error probably has occurred.
REM013	While processing DSKSECTs, at least one or a specific DSKSECT was expected but could not be found. This indicates either a logic problem or a storage overlay probably has occurred.
REM014	While processing a MGRSECT, the eyecatcher field of the control block was found to be invalid. This probably indicates that a storage overlay has occurred.
REM015	While processing a SUBSECT, the eyecatcher field of the control block was found to be invalid. This probably indicates that a storage overlay has occurred.
REM016	While processing SUBSECTs, at least one or a specific SUBSECT was expected but could not be found. This indicates either a logic problem or a storage overlay probably occurred.
REP001-REP002	A directory update failed while processing the REPENTRY command.
RND001-RND002	Contact Technical Support.
RPL002-RPL005 RPL007	Contact Technical Support.
RPL008	CA VM:Director received a request to register an outstanding reply, but no destinations were specified for the reply.
RSA001-RSA004	Contact Technical Support.
RUP001	Contact Technical Support.

Abend Code	Response
RUP002	An attempt was made to initialize the interrupt handlers a second time.
RUP003	An unrecognized interrupt code was found while handling an interrupt.
RUP004	The CP SYSTEM RESTART command was entered by the operator on the server's console.
RUP005	A Machine Check interrupt was sent to the virtual machine.
RUP007	An attempt to post the system CMS ECB failed because its address was zero.
RXB001	A bad SCB was passed.
RXB002	Unable to allocate directory space.
RXB003	An error occurred reading a directory page.
RXB005	Unable to swap directories.
RXB101	Unable to reset the directory space allocation.
RXB102	A logic error was encountered allocating space on a directory page.
RXB103	The object directory rebuilder encountered a DVMD that pointed to a PFXSECT (directory profile control block) that did not exist.
RXB104	Unexpected error code from EDIT OPEN while attempting to open a directory profile referenced by a DVMD that was being processed.
RXB106	CA VM:Director could not find the page in the chain of page control blocks.
RXB108	A user ID was not found in the object directory.
RXB109	No users were found in the first user DUNDX page.
RXB110	During initialization, CA VM:Director discovered ACIGROUP statements in directory entries, and the ACIGROUP was not defined on a GROUP record in the SECURITY CONFIG file.
RXB112	CA VM:Director found a duplicate directory entry in the object directory.
RXB113	While rebuilding the internal LINK structure, a LNKSECT was found pointing to a USRSECT that does not exist. This indicates a logic error probably has occurred.
RXB114	The DVMD currently being processed does not have a valid eyecatcher field. A storage overlay or a logic problem has probably occurred.
RXB115	An invalid POSIX user ID index page was found.
RXB116	A logic error was found while processing POSIXGRP values.
RXB117	A corrupted POSIX user ID was detected.
RXC001	Internal support for issuing a CA VM:Director message was not included in the VMXRXC CSECT.
RXF001-RXF002	Contact Technical Support.

Abend Code	Response
RXS001	Contact Technical Support.
RXV001	While executing the REXXVARS primitive, CA VM:Director could not locate an EXECCOMM SCBLOCK required by the primitive.
RXV002	An internal error occurred in the REXXVARS primitive.
RXV003-RXV005	Contact Technical Support.
SCN001	While processing an SCBSECT, the eyecatcher field of the control block was found to be invalid. This probably indicates that a storage overlay has occurred.
SCR003	An attempt to close a screen left open by the process at termination time failed.
SDC001-SDC002 SDC005	Contact Technical Support.
SDP003	Contact Technical Support.
SFS001	While processing an SCBSECT, the eyecatcher field of the control block was found to be invalid. This probably indicates that a storage overlay has occurred.
SFS002	While processing an SFPSECT, the eyecatcher field of the control block was found to be invalid. This probably indicates that a storage overlay has occurred.
SFS003	When searching for the desired storage group control block the required SFSPOOL block was not available.
SFS004	The anchor of SFSPOOL control blocks is zero when there should be a valid pointer.
SFS005	While processing an SFGSECT, the eyecatcher field of the control block was found to be invalid. This probably indicates that a storage overlay has occurred.
SFS006	While processing an MGRSECT, the eyecatcher field of the control block was found to be invalid. This probably indicates that a storage overlay has occurred.
SFS007	The SFGSECT returned from the routine to find it doesn’t have the correct storage group number. Probable logic error.
SFS100	CA VM:Director tried to process an unsupported SFS function.
SHA001	Contact Technical Support.
SOP001	Contact Technical Support.
SRL001-SRL002	Contact Technical Support.
SSL001-SSL004	Contact Technical Support.
STK001	The CA VM:Director service virtual machine needs more virtual storage to run. Define a larger virtual machine size by either using the CP DEFINE STORAGE command or by changing the CA VM:Director directory entry. If you change the directory entry, log off the CA VM:Director service virtual machine, then log on again.

Abend Code	Response
STK002	CA VM:Director received an error from the CMS CMSSTACK macro during a request to add a line to the CMS program stack.
STK003	An internal error occurred while CA VM:Director tried to add a line to the CMS program stack.
STK004	While processing a DVCSECT, the eyecatcher field of the control block was found to be invalid. This probably indicates that a storage overlay has occurred.
STK101	An error occurred while converting the TOD clock.
STK102	CA VM:Director invoked a routine called SYSSCAN which returned a token of all blanks instead of a nonzero return code.
STT001-STT004	Contact Technical Support.
SUR001	Contact Technical Support.
SUR002	CA VM:Director is not authorized by the security system at your site to use the alternate user ID facility. Although CA VM:Director was authorized at initialization, authorization has since been removed. Either give CA VM:Director the proper authorization or change the configuration so that CA VM:Director does not try to use the alternate user ID facility.
SUR003-SUR004	Contact Technical Support.
SUR005	CA VM:Director was using your site's security system when the security system became unavailable. Restart CA VM:Director when the security system is available again.
SUR006-SUR010	Contact Technical Support.
SUT001-SUT002	Contact Technical Support.
SYS001	A routine exited with a damaged dynamic storage chain.
SYS002	CA VM:Director received a request to call a routine, but the address was invalid.
SYT001-SYT008	Contact Technical Support.
TAB001-TAB002	Contact Technical Support.
TAP001-TAP006 TAP008-TAP009	Contact Technical Support.
TIC001-TIC003	Contact Technical Support.
TIE001-TIE002 TIE015	Contact Technical Support.
TIM001 TIM100 TIM101	Contact Technical Support.

Abend Code	Response
TIO001-TIO002 TIO005-TIO007 TIO010 TIO012-TIO013	Contact Technical Support.
TIR001-TIR002 TIR009 TIR014	Contact Technical Support.
TIS001-TIS003	Contact Technical Support.
TIT001-TIT003	Contact Technical Support.
TRA001	An internal error occurred while processing macro trace output.
TRA002	Contact Technical Support.
TRK001-TRK003 TRK10-TRK013 TRK020 TRK022-TRK023	Contact Technical Support.
TRP002	While processing a PCBSECT, the eyecatcher field of the control block was found to be invalid. This probably indicates that a storage overlay has occurred.
TRP003	The function requested to be trapped is unrecognized.
TRP004	The name of the previous function trapped is no longer valid. This probably indicates a storage overlay.
UEX001	Contact Technical Support.
UEX002	While processing an SCBSECT, the eyecatcher field of the control block was found to be invalid. This probably indicates that a storage overlay has occurred.
UEX003	While processing a CXTSECT, the eyecatcher field of the control block was found to be invalid. This probably indicates that a storage overlay has occurred. Or, the CXT indicates a file type other than TEXT or EXEC.
UEX004	The user exit is defined to be an EXEC, but the file loaded is not recognized as an EXEC.
UEX005	1. A post-user exit application exit routine was not defined. 2. An unexpected return code was received from the EXECLOAD routine. 3. File type of user exit to be loaded is not EXEC or TEXT.
UEX006	Contact Technical Support.
UEX100	While processing a UEXTBL entry, the eyecatcher field of the control block was found to be invalid. This probably indicates that a storage overlay has occurred.
UEX101	While processing a SCB entry, the eyecatcher field of the control block was found to be invalid. This probably indicates that a storage overlay has occurred.

Abend Code	Response
UEX102	While processing a CXTSECT entry, the eyecatcher field of the control block was found to be invalid. This probably indicates that a storage overlay has occurred.
UEX103	The definition of the user exit has been lost since the time it was invoked.
UEX104	While processing a PRDBLOK, the eyecatcher field of the control block was found to be invalid. This probably indicates that a storage overlay has occurred.
UEX105	The user exit has ended abnormally and the definition of the user exit has been lost since the time it was invoked.
UPD001-UPD004	Contact Technical Support.
URI001	Contact Technical Support.
URI002	Someone may have detached or unreadied a virtual punch while a command was processing. Restart CA VM:Director and enter the command again. If the problem recurs, contact Technical Support.
URI003	System spool space is full. When your system support staff has cleared some spool space, restart CA VM:Director and enter the command again.
URI005	Contact Technical Support.
USE001	While processing an SCBSECT, the eyecatcher field of the control block was found to be invalid. This probably indicates that a storage overlay has occurred.
USE002	Contact Technical Support.
USE100 USE601 USE801	Contact Technical Support.
VMA001	While processing VOLSECTs, the eyecatcher field of the control block was found to be invalid. This indicates that a storage overlay probably has occurred.
VMA002	While processing EXTSECTs, the eyecatcher field of the control block was found to be invalid. This indicates that a storage overlay probably has occurred.
VMA003	While processing DSKSECTs, the eyecatcher field of the control block was found to be invalid. This indicates that a storage overlay probably has occurred.
VMA004	While processing SUBSECTs, the eyecatcher field of the control block was found to be invalid. This indicates that a storage overlay probably has occurred.
WAI001	The number of seconds to wait on the WAITSEC primitive is greater than 2 weeks.
XLT001-XLT003	Contact Technical Support.
ZIO004 ZIO011-ZIO013	Contact Technical Support.

Abend Code	Response
ZIP003 ZIP005-ZIP006 ZIP008-ZIO010 ZIP012	Contact Technical Support.