

CA PMO™ Runtime Performance Optimizer

Message Reference Guide

r4.4



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CA Technologies Product References

This document references the following CA Technologies products:

- CA PMO™ Runtime Performance Optimizer (CA PMO)
- CA Panexec®
- eTrust™ CA Top Secret® Security (eTrust CA Top Secret)
- CA PDSMAN® PDS Library Management (CA PDSMAN)

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Contact CA Support

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Chapter 1: Messages

This chapter lists of all CA PMO Runtime Performance Optimizer (CA PMO) messages.

Note: References to the z/OS operating system throughout this guide pertain to the supported versions of z/OS and OS/390 operating systems.

Prefixes for the Messages

A CA PMOPMO message can contain one of the following prefixes:

PMC

Messages that pertain to the PMOCOMND program

PMO

Messages that pertain to CA PMO and PMO/XSYS

Chapter 2: PMC Messages

PMC messages indicate errors in the PMOCOMND program. This program automatically submits CA PMO and PMO/XSYS operator commands. For more information, see the section *Issuing Commands through the PMOCOMND Program* in the chapter "Issuing Commands" in the *CA PMO Systems Programmer Guide*.

PMC100I

OPEN FAILED FOR DDNAME PCOMMAND

Reason:

PMOCOMND could not open the DD name PCOMMAND. This is the DD name that was specified in the CA PMO and PMO/XSYS commands. PMOCOMND immediately terminates without issuing any of the specified commands.

Action:

Make sure the PCOMMAND is included as part of the job step that executes CA PMO.

PMC110I

UNABLE TO ISSUE A SPECIFIED COMMAND

Reason:

PMOCOMND could not issue a command that was specified under the PCOMMAND DD name. PMOCOMND ignores this command and processes the next command. Message PMC120I, which follows this message, lists the command in error.

Action:

- If a system message accompanies this message, there is a problem with the command. Determine the appropriate action from the system message.
- If a system message does not accompany this message, make sure that the command was entered correctly. If the command is correct, it may require special authorization. To protect your system and to ensure that PMOCOMND is used properly, PMOCOMND issues only F PMO commands. It does not accept any other kind of command.

PMC120I

SPECIFIED COMMAND *command statement*

Reason:

The displayed *command statement* contains an error. This message follows message PMC110I.

Action:

Make sure the *command statement* is syntactically correct. If this is not the problem, see the action for message PMC110I.

Chapter 3: PMO Messages

PMO messages are issued by CA PMO. The messages are grouped according to the following categories:

Message Number	Message Category
000-099	Initialization and purge information
100-149	CA PMO/DFDSS interface messages
150-199	CA PMO/FDR interface messages
200-299	CA PMO/CMND messages
300-399	CA PMO operator command responses
400-499	Initialization Error messages and Warnings
500-599	CA PMO/LLA interface messages
600-699	Private library management error messages
700-799	PMO/XSYS messages
800-899	PMO/XCF messages
H0011-H0032	Health Check messages
T001-T039	CA PMO DESERV PRE diagnostic processing messages
T040-T069	CA PMO DESERV PUT diagnostic processing messages
T070-T099	CA PMO DESERV POST diagnostic processing messages
Character Suffix	Meaning
A	Action: You must take a specific action.
D	Decision: You must make a choice.
E	Eventual Action: You must take an action in the near future.
I	Informational: No action is required.

The CA PMO messages that follow are listed in numerical order.

PM0001I

CA PMO *r.v* SERVICE PACK *n* ACTIVE

Reason:

CA PMO issues this message when it initializes and becomes active. It also issues this message when the F PMO,STAT command was specified. *r.v* denotes the release and version, and *n* is the service pack maintenance level.

Action:

No action is required. This message is informational.

PM0002I

PMOH18 AT *address*

Reason:

The CA PMO SVC 18 intercept routine (BLDL) is at location *address* in ECSA.

Action:

No action is required. This message is informational.

PM0004I

CA PMO ALREADY ACTIVE

Reason:

A start CA PMO was issued, but it already is active.

Action:

No action is required. This message is informational.

PM0005I

CA PMO COMMON STORAGE RECLAIMED

Reason:

CA PMO is reusing the common service areas (ECSAs) that it obtained during a previous initialization. It can reuse the ECSAs if the following two conditions are met:

1. CA PMO is not using more ECSA than it needed for its last initialization.
2. The last CA PMO initialization was stopped with the P command (not the C command).

Action:

No action is required. This message is informational.

PM0006I

UNABLE TO DETERMINE STATUS OF PREVIOUS CA PMO

Reason:

While initializing, CA PMO detected data areas from a previous CA PMO execution, but it cannot determine whether the previous CA PMO is active. A U100 abend follows this message.

Action:

Contact [CA Support](#).

PM0007I

CA PMO ESTAE FAILED TO INITIALIZE

Reason:

CA PMO could not establish an error recovery environment at initialization time. This environment is critical to proper hash table purging at termination. A U100 abend follows this message.

Action:

Contact [CA Support](#).

PM0008E

PMO/DYNL SUBTASK FAILED TO INITIALIZE

Reason:

CA PMO was unable to attach the Dynamic LNKLST processor subtask PMODYNL. CA PMO will terminate with a U100 abend code.

Action:

Ensure directory entry PMODYNL is found within the CA PMO STEPLIB concatenation, or within the LNKLST concatenation. Contact [CA Support](#).

PM0009A

PMO/XSYS ALREADY ACTIVE

Reason:

An earlier release of PMO/XSYS is active on your system.

Action:

Stop the PMO/XSYS that is running, then restart CA PMO.

PM0010I

PMODESRV AT *address*

Reason:

The CA PMO DE services intercept routine is at location *address* in ECSA.

Action:

No action is required. This message is informational.

PM0011I**CA PMO STOPPED AND RESTARTED SINCE SVC [18|21] INTERFACE WAS DISPLACED****Reason:**

Parameter PANEXEC=YES or TOPSECRET=YES, was specified and CA Panexec was started or CA Top Secret was reinitialized while CA PMO was active. Because of this, the SVC table no longer points to the CA PMO SVC 18 or SVC 21 interface. To maintain compatibility with CA Panexec and CA Top Secret, the SVC table must point to CA PMO interfaces, and to ensure that this is the case, CA PMO stops and restarts itself.

Action:

No action is required. This message is informational.

PM0013A**COMPATIBILITY CONFLICT BETWEEN CA PMO AND CA PDSMAN****Reason:**

CA PMO had to wait for more than 30 seconds for CA PDSMAN to install its SVC intercepts. Message PM0020I is displayed prior to this message. A U100 abend follows this message.

Action:

Restart CA PMO. If this message occurs frequently. Contact [CA Support](#).

PM0015I**CA PMO RUNTIME PERFORMANCE OPTIMIZER COPYRIGHT 2011 CA, INC.****Reason:**

CA PMO issues a copyright message during initialization.

Action:

No action is required. This message is informational.

PM0017I

WARNING: PMO/XSYS OR PMO/XCF MUST BE ACTIVE FOR CROSS-SYSTEM UPDATE COMMUNICATION

Reason:

CA PMO was started without also activating PMO/XSYS or PMO/XCF. Updates made on other systems will not be communicated to CA PMO on this system, and updates done on this system will not be communicated to CA PMO on other systems.

Action:

When there are cross-system updates in your data center, restart PMO with PMO/XSYS or PMO/XCF. (See the description of the XSYS, XCFGROUP, and XCFMEMBR parameters.)

PM0018I

WARNING: CA PMO MUST BE ACTIVE FOR CROSS-SYSTEM UPDATE COMMUNICATION

Reason:

CA PMO stopped on this system.

Note: Updates done on this system will no longer be communicated to CA PMO on other systems.

Action:

When there are cross-system updates in your data center, either restart CA PMO, or stop it on all systems. To restart CA PMO, issue an F PMO,D=ALL command on all other systems to ensure that CA PMO in-storage directories are current.

PM0020I

CA PMO WAITING FOR CA PDSMAN TO INSTALL ITS SVC INTERCEPTS

Reason:

This message may occur during initialization if CA PDSMAN is also initializing at this time. When CA PDSMAN has finished initializing, CA PMO installs its SVC intercepts. If CA PMO must wait for more than 30 seconds for CA PDSMAN to finish initialization, message PM0013I is issued.

Action:

No action is required. This message is informational.

PM0021A

MODULE PMO/XSYS MUST RESIDE IN THE SAME LIBRARY AS MODULE PMO

Reason:

CA PMO could not find module PMOXSYS in either the LNKLST or the STEPLIB.

Action:

Put module PMOXSYS in the same library as module PMO.

PM0022I

PMO/XSYS SUBTASK INITIALIZATION IN PROGRESS

Reason:

The PMO/XSYS subtask has not finished initializing. A system problem may be preventing the ATTACH of PMO/XSYS from completing.

Action:

Contact [CA Support](#).

PM0023I

PMO/XSYS WILL NOT BE RESTARTED DUE TO EXCESSIVE ABENDS. UPDATES WILL NOT BE COMMUNICATED ACROSS SYSTEMS.

Reason:

PMO/XSYS has abended multiple times. CA PMO will no longer attempt to attach the PMO/XSYS subtask. Updates will not be communicated to or from this system.

Action:

For more information, see message PM0024D.

PM0024D

REPLY 'Y' IF CA PMO SHOULD CONTINUE PROCESSING WITHOUT PMO/XSYS, ELSE REPLY 'N' FOR CA PMO TO SHUTDOWN

Reason:

PMO will no longer attempt to attach the PMO/XSYS subtask.

Action:

To continue CA PMO processing without PMO/XSYS, reply Y. Otherwise, reply N, and CA PMO will shut down with a U150 abend.

PM0025A

MODULE PMO/XCF MUST RESIDE IN THE SAME LIBRARY AS MODULE PMO

Reason:

CA PMO could not find module PMOXCF in either the LNKLST or the STEPLIB.

Action:

Put module PMOXCF in the same library as module PMO

PM0099I

ESTAE ENTERED, CA PMO QUIESCING

Reason:

This message is issued from the CA PMO address space's ESTAE. CA PMO automatically quiesces.

Action:

A system abend 314 or C03 along with this message, the abend means that a library that CA PMO was managing was deleted. CA PMO recovers from these abends cleanly. If a system abends is not received, obtain the entire dump. Contact [CA Support](#).

PM0110I

PMO WTO INTERFACE CHECK

Reason:

CA PMO is performing a check for its SVC 35 intercept hook.

Action:

No action is required. This message is informational.

PM0119I

SERIALIZATION OF TIDB CHAIN FAILED IN OPTION nn EXIT INTERFACE

Reason:

The ENQ serialization for DFDSS TIDB processing failed. nn refers to the issuing module, and may contain 00, 02, 13, 14, or 23.

Action:

Contact [CA Support](#).

PMO130A

AN ERROR OCCURRED IN THE PMO/DFDSS INTERFACE. PMO MAY NEED TO BE REFRESHED FOR ANY UPDATED LIBRARIES

Reason:

A GETMAIN, ESTAE, or ENQ request failed during DFDSS interface processing.

Action:

Any link list or private libraries updated by DFDSS should be refreshed in PMO.

PMO151I

VOLUME ttttttttt DETECTED

Issue F PMO,OFFLINE=vvvvvv when job jjjjjjj nnnnnnnn finishes;

wait 15 seconds; then issue F PMO,ONLINE=vvvvvv

Reason:

CA PMO has determined that a VOLUME COMPAKTION or a VOLUME RESTORE is about to take place. Follow the instructions in the message text.

Following are the possible values for the variables in the message text above:

ttttttttt

Possible values are either COMPAKTION or RESTORE

vvvvvv

The volser

jjjjjjj

The job name

nnnnnnnn

The job number. (for example, STC12345)

For more information on issuing the OFFLINE and ONLINE commands, see the sections Remove Volumes from CA PMO Management and Make Volumes Eligible for Management in the chapter "Issuing Commands" in the *CA PMO Systems Programmer Guide*.

Action:

Follow the instructions given in the message text.

PMO153E

GETMAIN FAILED FOR xxx EXIT WORK AREA. INCREASE REGION SIZE

Reason:

One of the FDR exits supplied by CA PMO could not obtain enough storage for an internal work area. xxx is the exit identifier.

Action:

Increase the region size. Message PMO180A follows.

PMO157E

GETMAIN FAILED FOR INTERNAL CONTROL BLOCK. INCREASE REGION SIZE

Reason:

The Data Set Security exit used for update detection could not obtain enough storage for an internal control block.

Action:

Increase the region size. See messages PMO159E and PMO180A

PMO159E

VOL=xxxxxx DSN=nnnnnnnn

Reason:

The Data Set Security exit that CA PMO uses for update detection could not obtain enough storage for an internal control block. The volume specified in the message must be manually refreshed.

Action:

Increase the region size. See messages PMO157E and PMO180A.

PMO160A

GETMAIN FOR PMO/MOPS WORK AREA FAILED

Reason:

PMO/MOPS routine failed obtain storage for its work area.

Action:

Increase the region size on REGION parameter of the CA PMO started task and restart CA PMO.

PM0161I

ESTAE ENTERED, PMO/MOPS QUIESCING

Reason:

This message is issued when the PMO/MOPS ESTAE is entered.

Action:

No action is required. This message is informational.

PM0162I

PMO/MOPS r.v ACTIVE

Reason:

PMO/MOPS was initialized and is now active.

Action:

No action is required. This message is informational.

PM0163I

PMO/MOPS STOPPED

Reason:

PMO/MOPS was stopped.

Action:

No action is required. This message is informational.

PM0164A

ESTAE EXIT CANNOT BE ESTABLISHED

Reason:

PMO/MOPS failed to establish ESTAE recovery.

Action:

Contact [CA Support](#).

PMO180A

AN ERROR OCCURRED IN ONE OF THE CA PMO FDR EXITS. CA PMO MAY NEED TO BE REFRESHED FOR ANY UPDATED LIBRARIES.

Reason:

This message follows messages PMO153E, PMO157E, and PMO159E. An error occurred in one of the FDR exits supplied by CA PMO. The messages preceding this one indicate the specific error. CA PMO could not determine which data sets were updated.

Action:

If message PMO159E preceded this message, follow these steps:

1. Specify the F PMO,OFFLINE=vvvvvv
2. Wait 15 seconds
3. Specify the F PMO,ONLINE=vvvvvv command

If message PMO159E did not precede this message, try to determine which volumes were updated and issue the OFFLINE and ONLINE commands for each volume. If it cannot be determine which volumes were updated, issue the F PMO,D=ALL command.

PMO201I

PMO/CMND r.v ACTIVE

Reason:

The command processing task has been initialized. CA PMO is now accepting commands.

Action:

No action is required. This message is informational.

PMO203I

PMO/CMND ESTAE FAILED TO INITIALIZE

Reason:

The command processing task could not initialize its recovery routine.

Action:

Contact [CA Support](#).

PMO205I**STOP COMMAND RECEIVED****Reason:**

A stop command was issued to CA PMO. CA PMO is acknowledging the request.

Action:

No action is required. This message is informational.

PMO209I**ESTAE ENTERED, PMO/CMND QUIESCING****Reason:**

This message is issued from the PMO/CMND ESTAE. The task is terminated. CA PMO will attempt to restart it.

Action:

No action is required. This message is informational.

PMO212E**THE COMMAND THAT PRECIPITATED THE ABEND COULD NOT BE REMOVED.
CA PMO WILL BE TERMINATED****Reason:**

A command was issued to CA PMO that caused the PMO/CMND task to abend. The recovery routine could not remove the command. CA PMO will have to be terminated.

Action:

Determine which command caused the abend. Contact [CA Support](#).

PMO214I**PMO/DYNL *r.v* ACTIVE****Reason:**

The Dynamic LNKLST subtask for CA PMO release *r*, version *v*, is active.

Action:

No action is required. This message is informational.

PMO215A

START CIB COULD NOT BE REMOVED

Reason:

The command task could not remove the start command. CA PMO will have to be terminated.

Action:

Contact [CA Support](#).

PMO220A

CIBCTR COULD NOT BE INITIALIZED

Reason:

The command task could not initialize the maximum number of commands CA PMO is allowed to receive. CA PMO will have to be terminated.

Action:

Contact [CA Support](#).

PMO221A

MODULE PMOCMND MUST RESIDE IN THE SAME LIBRARY AS MODULE PMO

Reason:

CA PMO could not find module PMOCMND in either the LNKLIST or the STEPLIB.

Action:

Put module PMOCMND in the same library as module PMO.

PMO225I

UNKNOWN COMMAND VERB IN CIB

Reason:

The command task was posted by the system, but could not determine the request. The request is ignored.

Action:

No action is required. This message is informational.

PMO230A

INVALID COMMAND PARAMETER/SYNTAX

Reason:

The CA PMO command that was issued either has an unidentifiable parameter or the syntax of the command is incorrect.

Action:

Check the command for errors and reissue it.

PMO235A

INVALID CA PMO COMMAND

Reason:

An unknown CA PMO command was issued.

Action:

Check the command for spelling errors and reissue it.

PMO240I

PMO/CMND STOPPED

Reason:

The command task has ended.

Action:

No action is required. This message is informational.

PMO244I

PMO/DYNL SUBTASK ENDED

Reason:

The Dynamic LNKLST subtask has ended normally.

Action:

No action is required. This message is informational.

PMO247E

PMO/DYNL SUBTASK ABENDED

Reason:

The Dynamic LNKST subtask has abnormally terminated. CA PMO will terminate normally.

Action:

A dump titled "PMODYNL SUBTASK ERROR" may have been generated. Contact [CA Support](#).

PMO250I

PMO/CMND SUBTASK INITIALIZATION IN PROGRESS

Reason:

The PMO/CMND subtask is initializing. CA PMO issues this message every 30 seconds until the command task finishes initializing.

Action:

No action is required. This message is informational.

PMO255I

COMMAND SECURITY FAILED FOR COMMAND=xxxxxxx

Reason:

An unauthorized user issued the indicated command. The PMO260I message, which follows, lists the SAF (System Authorization Facility) and RACF return codes.

Action:

No action is required. This message is informational.

PM0260I

SAF RC=xxxx, RACF RC=xxxx, AND RACF REASON CODE=xxxx

Reason:

CA PMO issued a RACF request and received the following return codes. See IBM documentation for a description of the codes. If the message follows message PMO255I, see the codes under the RACROUTE REQUEST=AUTH macro. If the message follows message PMO476I, see the codes under the RACROUTE REQUEST=STAT macro.

Action:

No action is required. This message is informational.

PM0302I

LIBRARY REFRESH SUSPENDED | RESUMED FOR ALL LNKLIST LIBRARIES

Reason:

A SUSPREF or RESUREF command was issued against all LNKLIST libraries.

Action:

No action is required. This message is informational.

PM0303I

**LIBRARY REFRESH [SUSPENDED | RESUMED] FOR [PRIVATE LIBRARY |
LNKSET=*linklistname*] DSN=*data set name* VOL=*vvvvvv***

Reason:

A SUSPREF or RESUREF command was issued against the indicated library.

Action:

No action is required. This message is informational.

PM0304I

CA PMO DOES NOT MANAGE DSN=*data set name*

Reason:

A SUSPREF or RESUREF command was issued and the indicated library was not managed by CA PMO.

Action:

To determine the private libraries that CA PMO manages, see the PMOMON D8 display or issue an F PMO,CHECKLIB=MANAGED command.

PM0305I

REFRESH IS NOT SUSPENDED FOR [PRIVATE LIBRARY | LNKSET=*linklistname*] DSN=*data set name* VOL=*vvvvvv*

Reason:

A RESUREF command was issued against a library that is not currently suspended.

Action:

No action is required. This message is informational.

PM0306I

REFRESH ALREADY SUSPENDED FOR [PRIVATE LIBRARY | LNKSET=*linklistname*] DSN=*data set name* VOL=*vvvvvv*

Reason:

A SUSPREF command was issued against a library that is already suspended.

Action:

No action is required. This message is informational.

PM0307I

**REFRESH IGNORED. LIBRARY REFRESH SUSPENDED FOR DSN=*data set name*
[(PVTLIB) | LNKSET=*linksetname*]**

Reason:

A D= command was issued for a library that was suspended with the SUSPREF command. The request for this library was ignored. If a D=LNKLST command was issued, this message will be issued for each suspended LNKST library. If a D=ALL command was issued, this message will appear for all suspended LNKST and private libraries.

Action:

If this was a D=*data set name* request to refresh the library, then issue a RESUREF command, which will cause the library to be refreshed. Issue the SUSREFR command to resume the library refresh suspension.

PM0308I

NO LNKST LIBRARIES CURRENTLY SUSPENDED

Reason:

A RESUREF command was issued for all LNKST libraries, but no libraries are currently suspended.

Action:

No action is required. This message is informational.

PM0309I

SUSPREF REQUESTED FOR A DATA SET NOT IN ANY LNKSET, DSN=*data set name*

Reason:

The LNKST type option was used on the data set name form of the SUSPREF command, and the requested data set is not in any LNKST concatenation.

Action:

No action is required. This message is informational.

PM0310I

CA PMO STATISTICS RESET

Reason:

The F PMO,RESET command was issued. CA PMO has reset all cumulative and peak interval statistics, and it has cleared the candidate list.

Action:

No action is required. This message is informational.

PM0312I

CA PMO PEAK INTERVAL STATISTICS RESET. PEAK INTERVAL SET TO CURRENT INTERVAL

Reason:

The F PMO,RESETPK command was issued. This command resets CA PMO peak interval statistics. (The F PMO,RESET command also resets CA PMO peak interval statistics.)

Action:

No action is required. This message is informational.

PM0314I

PRIVATE LIBRARY CANDIDATE LIST RESET

Reason:

The F PMO,RESETCND command to reset the candidate list was issued. (This list is shown on the PMOMON D9 display. The F PMO,RESET command also resets the candidate list.)

Action:

No action is required. This message is informational.

PM0315I

CA PMO MANAGES PRIVATE LIBRARY VOL=*vvvvvv*, DSN=*data set name*

Reason:

CA PMO issues this message in response to the F PMO,CHECKLIB command. The message informs the reader that *data set name* is a private library that CA PMO manages.

Action:

No action is required. This message is informational.

PM0316I

CA PMO [MANAGES|HAS EXCLUDED] LNKLST LIBRARY VOL=*vvvvvv*, DSN=*data set name*, LNKSET=*linksetname*

Reason:

CA PMO issues this message in response to the F PMO,CHECKLIB command. There are two versions of this message. One is displayed if data set name is a LNKLST library that CA PMO manages. The other is displayed if data set name is a LNKLST library that has been excluded from management using the EXCLLNK parameter or the F PMO,EXCLLNK command. The LNKSET name in the message text differentiates the same volumes/libraries that may appear in multiple LNKLST sets.

Action:

No action is required. This message is informational.

PM0317I

CA PMO DOES NOT MANAGE LIBRARY DSN=*data set name*

Reason:

CA PMO issues this message in response to the F PMO,CHECKLIB command.

Action:

No action is required. This message is informational.

PM0319I

**LIBRARY IS [EXCLUDED FROM | ELIGIBLE FOR] CA PMO MANAGEMENT, VOL=vvvvvv
DSN=*data set name***

Reason:

CA PMO issues this message in response to the F PMO,CHECKLIB=CANDIDATES command. To determine why a library is excluded from CA PMO management, see the PMOMON D9 display.

Action:

No action is required. This message is informational.

PM0321E

MLSIZE=0 - UNABLE TO INCLLNK DSN=*data set name*

Reason:

CA PMO issues this message when a F PMO,INCLLNK command was specified, but the value of the MLSIZE parameter is zero (0).

Action:

Increase the value of MLSIZE if you want CA PMO to manage LNKST libraries.

PM0322I

CA PMO UNABLE TO INCLLNK DSN=*data set name*

Reason:

An F PMO,INCLLNK command for a library that is not in the LNKST concatenation was issued. CA PMO ignores this command.

Action:

To determine the libraries in the LNKST concatenation, see the PMOMON D4 display.

PM0324I**CA PMO IS NOT CURRENTLY EXCLUDING DSN=*data set name*****Reason:**

An F PMO,INCLLNK command for a LNKST library that CA PMO already manages was issued. CA PMO ignores this command.

Action:

No action is required. This message is informational.

PM0326I**NO LNKST LIBRARIES CURRENTLY EXCLUDED****Reason:**

An F PMO,INCLLNK=ALL command, but CA PMO is already managing all LNKST libraries was issued. CA PMO ignores this command.

Action:

No action is required. This message is informational.

PM0328I**INCLLNK SUCCESSFUL FOR DSN=*data set name* LNKSET=*linklistname*****Reason:**

CA PMO included the LNKST library *data set name* in the LNKST set indicated for management. CA PMO does not reset the statistics that it gathered for the data set name (*data set name*) while it was excluded. These statistics continue to accumulate on the PMOMON D4 display for the LNKST set that detail statistics are selected for. See the LS command in PMOMON.

Action:

No action is required. This message is informational.

PM0332I

CA PMO UNABLE TO EXCLLNK DSN=*data set name*

Reason:

An F PMO,EXCLLNK command for a library that is not in the LNKLST concatenation. CA PMO ignores this command.

Action:

To determine the libraries in the LNKLST concatenation, see the PMOMON D4 display.

PM0334I

CA PMO HAS PREVIOUSLY EXCLUDED DSN=*data set name*

Reason:

An F PMO,EXCLLNK command for a LNKLST library that was already excluded from CA PMO management. CA PMO ignores this command.

Action:

No action is required. This message is informational.

PM0336I

ALL LNKLST LIBRARIES CURRENTLY EXCLUDED

Reason:

An F PMO,EXCLLNK=ALL command, but all LNKLST libraries are already excluded from CA PMO management. CA PMO ignores this command.

Action:

No action is required. This message is informational.

PM0338I**EXCLLNK SUCCESSFUL FOR DSN=*data set name* LNKSET=*linklistname*****Reason:**

CA PMO excluded the LNKST library *data set name* in the LNKST set indicated for management. CA PMO does not reset the statistics that it gathered while it managed the data set name (*data set name*). These statistics continue to accumulate on the PMOMON D4 display for the LNKST set that detail statistics are selected for. See the LS command in PMOMON.

Action:

No action is required. This message is informational.

PM0340I***nnnnnn* MANAGED LIST ENTRIES INVALIDATED****Reason:**

The F PMO,M, F PMO,D, or F PMO,REFRESH command invalidated *nnnnnn* managed list entries from all active and current LNKST sets.

Action:

No action is required. This message is informational.

PM0341I**LIBRARY IS NOT CA PMO MANAGED****Reason:**

CA PMO does not manage the library that was specified with the F PMO,D command. No managed list entries are invalidated.

Action:

Check the PMOMON D4 and D8 displays to make sure that the data set name was specified correctly.

PM0350I

LIBRARIES WILL NOW BE MANAGED ON [VOLUME vvvvvv] VOLUMES PREVIOUSLY EXCLUDED WITH OFFLINE COMMAND]

Reason:

CA PMO this message in response to the F PMO,ONLINE command.

Action:

No action is required. This message is informational.

PM0351I

NO LIBRARIES WILL BE MANAGED FOR [VOLUME vvvvvv] ALL VOLUMES]

Reason:

CA PMO issues this message in response to the F PMO,OFFLINE command.

Action:

No action is required. This message is informational.

PM0352I

MUST SPECIFY ONLINE=ALL TO REVERSE PREVIOUS OFFLINE=ALL COMMAND

Reason:

CA PMO issues this message in response to the F PMO,ONLINE command. An F PMO,OFFLINE=ALL command was previously issued.

Action:

Issue the command F PMO,ONLINE=ALL to make your libraries eligible for automatic management by CA PMO.

PM0353I

VOLUME vvvvvv NOT OFFLINE TO CA PMO

Reason:

CA PMO issues this message in response to the F PMO,ONLINE command. The command was ignored since the indicated volume is currently online to CA PMO.

Action:

No action is required. This message is informational.

PM0354I

PREVIOUS [ONLINE|OFFLINE] REQUEST FOR VOLUME *vvvvvv* CANCELLED

Reason:

The previous ONLINE or OFFLINE command never executed and has been cancelled.

Action:

No action is required. This message is informational.

PM0355I

VOLUME *vvvvvv* ALREADY OFFLINE

Reason:

An F PMO,OFFLINE command was issued for a volume that is already offline.

Action:

No action is required. This message is informational.

PM0358I

ALL VOLUMES ALREADY [ONLINE|OFFLINE] TO CA PMO

Reason:

An F PMO,OFFLINE or F PMO,ONLINE command was issued and all volumes were already online or offline.

Action:

No action is required. This message is informational.

PM0360I

NEW HASH TABLE CONSTRUCTED FOR DSN=*data set name*

Reason:

The F PMO,D command was issued, and CA PMO has constructed a new hash table for *data set name*.

Action:

No action is required. This message is informational.

PM0361I

ALL VOLUMES CURRENTLY OFFLINE TO CA PMO

Reason:

CA PMO issues this message in response to the F PMO,OFFCHECK command. It indicates that all volumes have been removed from CA PMO automatic management with the F PMO,OFFLINE command.

Action:

No action is required. This message is informational.

PM0362I

NO VOLUMES CURRENTLY OFFLINE TO CA PMO

Reason:

CA PMO issues this message in response to the F PMO,OFFCHECK command. It indicates that no volumes have been removed from CA PMO automatic management with the F PMO,OFFLINE command.

Action:

No action is required. This message is informational.

PM0363I

VOLUME vvvvvv CURRENTLY OFFLINE TO CA PMO

Reason:

CA PMO issues this message in response to the F PMO,OFFCHECK command. It indicates that volume vvvvvv has been removed from CA PMO automatic management with the F PMO,OFFLINE command.

Action:

No action is required. This message is informational.

PM0370I

REPORT REQUESTED FOR MANAGED PRIVATE LIBRARY COMPLETE. DSN=*data set name*

Reason:

The F PMO,PRVTRPT command to produce an offline report for *data set name* was issued. This message may also appear when CA PMO stops managing a library, depending on the value that was specified for the EXCLREPT parameter.

Action:

No action is required. This message is informational.

PM0372I

SYSOUT CLASS CHANGED

Reason:

The SYSOUT class was changed as the result of an F PMO,SYSOUT command.

Action:

No action is required. This message is informational.

PM0374I

REPORT ESTAE NOT ESTABLISHED. REPORT ABORTED FOR DSN=*data set name*

Reason:

The report processing routine could not establish its recovery routine. The requested report will not be printed.

Action:

Try requesting another report with the PRVTRPT command. If this message appears again, Contact [CA Support](#).

PM0375I

REPORT REQUESTED FOR MANAGED PRIVATE LIBRARY FAILED. DSN=*data set name*

Reason:

There are periods when CA PMO cannot produce a report. If the F PMO,PRVTRPT command was issued, CA PMO could not process the command correctly. If CA PMO stops managing a library, this message indicates that the specified library was updated just before it was stopped. This message may also appear if a report is requested immediately after CA PMO begins managing a library. In all cases, CA PMO does not create the report.

Action:

Check if a library was recently added or stopped, if not Contact [CA Support](#).

PM0379I

**CA PMO IS NOT CURRENTLY MANAGING ANY PRIVATE LIBRARIES
[ON VOLUME *vvvvvv*]**

Reason:

CA PMO cannot produce any offline reports because it is not managing any data sets. If a volume was specified, then CA PMO is not managing any data sets on that volume.

Action:

No action is required. This message is informational.

PM0380I

OFFLINE REPORT UNAVAILABLE FOR DSN=*data set name*

Reason:

CA PMO cannot produce the offline report because it does not manage *data set name*.

Action:

No action is required. This message is informational.

PM0382E**NO FREE PRIVATE LIBRARY ENTRIES AVAILABLE FOR DSN=*data set name*****Reason:**

An F PMO,INCLPRVT command, but CA PMO could not obtain a free entry for *data set name*.

Action:

To allow CA PMO to manage *data set name*, issue a command to stop processing another private library. Alternatively, increase the maximum number of free entries for CA PMO-managed private libraries by increasing the value of the NUMADDED parameter.

PM0384I**VOLSER NOT LOCATED FOR INCLPRVT DSN=*data set name*****Reason:**

data set name for management was specified with the F PMO,INCLPRVT command, but a VOL keyword on the command was not specified. CA PMO tried to find *data set name* in the catalog, but it was not cataloged. CA PMO ignores this command and issues message PMO387I. For more information see, "Issuing Commands in the *CA PMO System Programmer's Guide*."

Action:

Reissue the F PMO,INCLPRVT command for *data set name*. Include the VOL keyword with this command.

PM0384I**VOLSER NOT LOCATED FOR INCLPRVT DSN=*data set name*****Reason:**

data set name for management was specified with the F PMO,INCLPRVT command, but a VOL keyword on the command was not specified. CA PMO tried to find *data set name* in the catalog, but it was not cataloged. CA PMO ignores this command and issues message PMO387I. For more information see, "Issuing Commands in the *CA PMO System Programmer's Guide*."

Action:

Reissue the F PMO,INCLPRVT command for *data set name*. Include the VOL keyword with this command.

PMO385I

NOT FOUND OR NOT PARTITIONED INCLPRVT DSN=*data set name*

Reason:

data set name for management was specified with the F PMO,INCLPRVT command. CA PMO extracted the volume serial number from the VOL keyword or from the catalog. However, the library either was not cataloged or it was not a partitioned data set. CA PMO ignores this command and issues message PMO387I.

Action:

If *data set name* is not in the catalog, enter it and resubmit the F PMO,INCLPRVT command. If *data set name* is not a partitioned data set, CA PMO cannot manage it because only partitioned data sets have directory searches against them.

PMO386I

DUPLICATE ENTRIES FOR VOL=*vvvvvv* DSN=*data set name*

Reason:

An F PMO,INCLPRVT command for *data set name* with a VOLSER of *vvvvvv* was issued, but CA PMO is already managing this library. Either *vvvvvv* was specified on the F PMO,INCLPRVT command or CA PMO extracted it from the catalog. CA PMO ignores this command and issues message PMO387I.

Action:

No action is required. This message is informational.

PMO387I

CA PMO UNABLE TO INCLPRVT DSN=*data set name*

Reason:

CA PMO could not include the *data set name* specified on the F PMO,INCLPRVT command. CA PMO displays message PMO384I, PMO385I, or PMO386I prior to this message to explain the reason for the failure.

Action:

See the message that preceded this one on your console.

PM0388I

INCLPRVT SUCCESSFUL FOR DSN=*data set name*

Reason:

CA PMO included *data set name* for management.

Action:

No action is required. This message is informational.

PM0389I

LIBRARY WAS ALREADY MANAGED BY CA PMO - IT IS NOW PROTECTED. DSN=*data set name*

Reason:

An F PMO,INCLPRVT command for a library that CA PMO had already included for management automatically was issued. Due to the F PMO,INCLPRVT command, CA PMO changes its method of managing *data set name* such that it will never stop managing this library, even if the maximum number of managed libraries is reached or if CA PMO virtual storage is exceeded.

Action:

No action is required. This message is informational.

PM0390I

REPORT PROCESSING ABORTED DUE TO UNEXPECTED ABEND

Reason:

The report data set cannot hold any more PRVTRPTs.

Action:

Either issue the RPTDSN command to change to a new report data set (or specify the current data set name in order to reuse the data set) or use the SYSOUT command to direct PRVTRPTs to the SPOOL.

PM0391A

REPORT DSN IS FULL. DSN=*data set name*

Reason:

The report data set can hold no more data.

Action:

Either issue the RPTDSN command to change to a new report data set (or specify the current data set name in order to reuse the data set), or use the SYSOUT command to direct report data to the spool.

PM0392I

CA PMO DOES NOT MANAGE DSN=*data set name*

Reason:

An F PMO,EXCLPRVT command for a library that CA PMO is not currently managing was issued. It ignores this command.

Action:

To determine the private libraries that CA PMO manages, see the PMOMON D8 display or issue an F PMO,CHECKLIB=MANAGED command.

PM0394I

**CA PMO IS NOT CURRENTLY MANAGING ANY PRIVATE LIBRARIES
[ON VOLUME *vvvvvv*]**

Reason:

The F PMO,EXCLPRVT command was issued, but CA PMO is not currently managing any private libraries. It ignores this command.

Action:

No action is required. This message is informational.

PM0395I

R15=*code*, INFOCODE=*code*, ERRORCODE=*code*

Reason:

This message follows messages PM0397I and PM0630I. The *codes* printed with this message explain the reason why the dynamic allocation or unallocation failed.

Action:

See the *codes* printed on this message. For a description of these codes, see the IBM dynamic allocation documentation.

PM0396I

EXCLPRVT SUCCESSFUL FOR DSN=*data set name*

Reason:

CA PMO stopped managing *data set name*. CA PMO may produce an offline report for *data set name*, depending on the value that was specified for the EXCLREPT parameter. After successfully stopping management of *data set name*, CA PMO discards its statistics for that library. On subsequent BLDL/FIND requests, *data set name* may enter the CA PMO private library candidate list. This message appears for one of three reasons:

- Successful execution of an F PMO,EXCLPRVT command.
- A library that CA PMO is managing was deleted and reallocated on the same volume. CA PMO detects this on the first directory search to the reallocated library, immediately stops managing it, then re-includes it.
- CA PMO has automatically stopped managing the library because NUMADDED was exceeded or the region size was exceeded, and there were other libraries that were better candidates for management.

Action:

No action is required. This message is informational.

PM0397I

UNALLOCATION FAILED FOR DSN=*data set name*

Reason:

CA PMO is stopping management of a library, and its attempt to unallocate it has failed.

Action:

See message PM0395I for the reason for the failure.

PM0398I

DYNAMIC ALLOCATION | UNALLOCATION FAILED FOR SYSOUT *class* / *data set name*

Reason:

CA PMO experienced an allocation problem with the SYSOUT class for a report, or it had a problem with the allocation or unallocation of the data set for a report.

Action:

If the problem is related to a SYSOUT class, be sure that a valid SYSOUT class on the SYSOUT parameter is specified. If the problem is related to a data set, and the data set is not allocated by another user, be sure that the data set name on the RPTDSN statement is specified. If the data set is uncataloged, a valid volume serial on the VOL parameter in this statement must be specified.

PM0399I

OPEN FAILED FOR SYSOUT DATA SET

Reason:

This message is a response to a request to produce a report. It indicates that CA PMO cannot open a print data set to the specified SYSOUT class.

Action:

Contact [CA Support](#).

PM0404I

DESERV EXIT HAS BEEN INSTALLED SUCCESSFULLY

Reason:

CA PMO has successfully established a Directory Entry Services exit.

Action:

No action is required. This message is informational.

PMO407I

FREEMAIN SUCCESSFUL FOR LNKSET=*linklistname* (PMODLCB|LIBS/PLISTE)

Reason:

The ECSA for the indicated LNKLST set has been successfully freed. This message is issued during CA PMO shutdown only if tracing is active. Tracing should be used only at the direction of [CA Technical Support](#).

Action:

No action is required. This message is informational.

PMO408I

ENF EXIT ESTABLISHED FOR EVENT CODE=52

Reason:

CA PMO has successfully established an ENF listener exit for event code 52, SETPROG LNKLST ACTIVATE.

Action:

No action is required. This message is informational.

PMO409I

ENF EXIT REMOVED FOR EVENT CODE=52

Reason:

CA PMO has successfully removed the ENF listener exit for event code 52, SETPROG LNKLST ACTIVATE.

Action:

No action is required. This message is informational.

PMO410E

GETMAIN FOR ECSA FAILED

Reason:

CA PMO was unable to obtain ECSA from subpool 228 or 241 (see the FIX parameter setting) for one of its data areas. The data areas include PMODTAB, PMODLCB, and PMOLIBS/PLISTE areas. CA PMO will terminate with a U100 abend code.

Action: Determine whether your system can provide CA PMO with the amount of ECSA required for initialization. If it cannot, reduce one or more of the following in the order shown:

1. The value of the NUMCANDS parameter
2. The value of the NUMADDED parameter
3. The value of the MLSIZE parameter
4. The number of managed private libraries

For more information, see the *CA PMO Systems Programmer Guide*.

PMO411I

CA PMO DESERV EXIT SUCCESSFULLY REMOVED

Reason:

CA PMO has successfully removed its Directory Entry Services exit.

Action:

No action is required. This message is informational.

PMO415E

GETMAIN FAILED FOR LNKLST WORK AREA

Reason:

CA PMO was unable to obtain a work area in private storage used for the answer area in the CSVLYNL macro call. CA PMO will terminate with a U100 abend code.

Action:

Increase the REGION for the CA PMO address space.

PMO417I**FREEMAIN FAILED FOR LNKSET=*linklistname* (PMDLCB|LIBS/PLISTE)****Reason:**

The ECSA for the indicated LNKLST was not freed, probably because the LNKLST set was still being referenced by CA PMO hook code. This message is issued during CA PMO shutdown only if tracing is active. Tracing should be used only at the direction of [CA Technical Support](#)..

Action:

No action is required. This message is informational.

PMO420A**PARAM DATA SET DID NOT OPEN****Reason:**

An OPEN request failed for the data set specified on the //PMOPARM DD statement. A U100 abend follows this message.

Action:

Make sure the parameter data set has not been deleted. If it has been deleted, recreate it and restart CA PMO.

PMO421I**PARAM CARD ---parameter statement****Reason:**

The *parameter statement* contains an error.

Action:

Make sure that the *parameter statement* is syntactically correct. If it is correct, a message should follow that indicates the problem.

PMO422A

***keyword=value* IS NOT A VALID PARAMETER**

Reason:

The *keyword=value* entry is invalid. Message PMO423A and a U100 abend follow this message.

Action:

Make sure that the syntax of the parameter statement is correct.

PMO423A

ERRORS FOUND IN PARM CARDS

Reason:

CA PMO could not initialize because of errors in the parameter statements. The message preceding this one describes the error in the parameter statement. A U100 abend follows this message.

Action:

See the message that preceded this one in the JOBLLOG.

PMO425I

NO PARM CARDS FOUND FOR SYSTEM *ssss*

Reason:

No parameter statements apply to system *ssss*, where CA PMO was started.

Action:

Check columns 1 through 4 of the parameter statements for an incorrect SMF system ID.

PMO426I**VOLSER NOT LOCATED FOR DSN *data set name*****Reason:**

data set name for management with an INCLPRVT parameter statement was specified, but the VOL keyword was omitted on the statement. CA PMO tried to find *data set name* in the catalog, but it was not cataloged. This library will not be managed in a hash table during this execution of CA PMO.

Action:

Specify the volume serial number for the library on the VOL keyword in the INCLPRVT parameter statement.

PMO427I**NOT FOUND OR NOT PARTITIONED INCLUDED DSN=*data set name*****Reason:**

data set name for management with an INCLPRVT parameter statement was specified, and CA PMO extracted the volume serial number from the VOL keyword or from the catalog. However, the library either does not have its name in the catalog or it is not a partitioned data set. CA PMO will not manage this library in a hash table during this execution.

Action:

If the library is not in the catalog, enter it. If it is not a partitioned data set, it cannot be managed in a hash table; delete the INCLPRVT parameter. statement for this library.

PMO428I**DUPLICATE INCLPRVT STATEMENTS FOR VOL=*vvvvvv* DSN=*data set name*****Reason:**

An INCLPRVT parameter statement for *data set name* with a VOLSER of *vvvvvv* was previously specified. CA PMO ignores the duplicate INCLPRVT statement, which is displayed in message PMO421I prior to this message.

Action:

Remove all but one INCLPRVT parameter statement for *data set name*.

PM0429I

MLSIZE=0 - ALL LNKST LIBRARIES WILL BE EXCLUDED

Reason:

CA PMO issues this message during initialization if a value of zero (0) for the MLSIZE parameter was specified.

Action:

No action is required. This message is informational.

PM0431I

NUMCANDS=PARAMETER ADJUSTED

Reason:

CA PMO lowered the value of the NUMCANDS parameter after determining that too many libraries were specified (see message PM0434I). CA PMO continues the initialization process.

Action:

After CA PMO initializes, see the D0 display to see the new NUMCANDS value. If this lower value is unusable, Contact [CA Support](#). to increase the maximum number of libraries permitted.

For more information, see "Monitoring Directory Search Activity with PMOMON" in the *CA PMO System Programmer Guide*.

PM0432I

INCLAUTO AND EXCLAUTO PARMS CANNOT BE USED TOGETHER

Reason:

This message is issued during initialization if both the INCLAUTO and EXCLAUTO parameters in your parameter data set were specified. A U100 abend follows this message.

Action:

Use either the INCLAUTO or the EXCLAUTO parameter, not both of them.

PMO433I**INCLLNK and EXCLLNK PARMS CANNOT BE USED TOGETHER****Reason:**

This message is issued during initialization if both the INCLLNK and EXCLLNK parameters in your parameter data set was specified. A U100 abend follows this message.

Action:

Use either the INCLLNK or the EXCLLNK parameter, not both of them.

PMO434I**EXCESSIVE LIBRARIES SPECIFIED****Reason:**

The total number of candidate libraries (specified with the NUMCANDS parameter), LNKST libraries, and CA PMO-managed private libraries (the number of libraries it includes when it starts up, plus the value specified for the NUMADDED parameter) exceeds 9999. CA PMO attempts to decrease the value of NUMCANDS. If CA PMO succeeds, message PMO431I follows this message. If CA PMO fails, a U100 abend follows this message.

Action:

Contact [CA Support](#).

PMO435I**INVALID VALUE FOR FORMATCF, PARAMETER WILL BE IGNORED****Reason:**

An invalid value was specified on the FORMATCF parameter, which is located in the EXEC PARM field of the CA PMO started task. FORMATCF=NO is assumed.

Action:

To set FORMATCF=YES, change the parameter and restart CA PMO.

PMO436W

UNABLE TO ESTABLISH ENF EXIT, REASON = (BAD PARM PASSED|GETMAIN FAILURE|ENFREQ MACRO ERROR)

Reason:

CA PMO was unable to establish the ENF listener exit for event code=52, "SETPROG LNKLST ACTIVATE" for the reason indicated. CA PMO will continue with initialization, but will not detect any newly activated LNKLST sets.

Action:

Take the following action, depending on the Reason:

Reason	Action
BAD PARM PASSED	Contact CA Support .
GETMAIN FAILURE	CA PMO was unable to obtain ECSA necessary to plant the ENF exit. For ECSA requirements, see the <i>CA PMO Product</i> guide and the <i>CA PMO System Programmer Guide</i> .
ENFREQ MACRO ERROR	Contact CA Support .

PMO438E

UNABLE TO DETERMINE LNKLST SET(S), RC=xxxxx REASON=xxxxx

Reason:

CA PMO was unable to determine the LNKLST sets. The return code and reason code are in decimal. CA PMO will terminate with a U100 abend.

Action:

For a description of the error, see the z/OS Authorized Assembler Services Reference return codes and reason codes for the CSVDYNL macro.

PMO440A

GETMAIN FAILED FOR INCORE DIRECTORY TRACKS

Reason:

CA PMO could not allocate a work area in main storage for reading directory entries. A U100 abend follows this message.

Action:

Make sure a large enough region size for the CA PMO address space is allocated. If this was done then, Contact [CA Support](#).

PMO445I

DUPLICATE SUSPREF PARAMETERS FOR DSN=*data set name*

Reason:

More than one SUSPREF parameter was found with the same data set name. Message PMO421I precedes this message.

Action:

Remove the duplicate SUSPREF parameter.

PMO446I

NO LNKLST LIBRARY FOUND FOR PARAMETER SUSPREF=*data set name*

Reason:

CA PMO could not find a LNKLST data set that matched the one specified on the SUSPREF parameter.

Action:

Check the parameter for spelling errors or check the PMOMON D4 display for the names of the LNKLST libraries.

PMO447W

REDUNDANT PARM IGNORED: [INCLLNK | EXCLLNK]=*datasetname*

Reason:

CA PMO detected an INCLLNK or EXCLLNK parameter that was redundant due to either INCLLNK=*, or EXCLLNK=* being coded. CA PMO will ignore the parameter and continue with initialization.

Action:

Remove the redundant parameter, or verify INCLLNK/EXCLLNK=* usage.

PMO448W

DUPLICATE PARM IGNORED: [INCLLNK | EXCLLNK]=*datasetname*

Reason:

CA PMO detected a duplicate INCLLNK or EXCLLNK parameter for the same data set name. CA PMO will ignore the parameter and continue with initialization.

Action:

Remove the duplicate parameter, or verify spelling of the data set name.

PMO450A

REGION SIZE TOO SMALL. NOT ENOUGH VIRTUAL STORAGE BELOW THE LINE

Reason:

CA PMO tries to reserve 1 MB of storage below the 16 MB line during initialization. Not enough storage was available.

Action:

Increase the value of the REGION parameter in the CA PMO started task.

PMO457I

PMO/XSYS NOT ACTIVE. CYCLE COMMAND REJECTED

Reason:

A CYCLE command was issued but PMO/XSYS was not active.

Action:

No action is required. This message is informational.

PMO464I**NO PRIVATE LIBRARIES MANUALLY INCLUDED****Reason:**

INCLPRVT parameter statements for private libraries was not specified. CA PMO will manage only the private libraries that it includes automatically and those that were specified for management using the F PMO,INCLPRVT command.

Action:

No action is required. This message is informational.

PMO470I**GETMAIN FAILED FOR UPDATE QUEUE****Reason:**

CA PMO could not allocate main storage for one of its queues of outstanding directory entry updates. If this message occurs during initialization, a U100 abend follows it. If it occurs after initialization, there is no abend; however, directory searches for some new directory entries may be resolved from DASD because CA PMO may be unable to manage them.

Action:

Do not stop CA PMO; it will not return bad directory entries. Contact [CA Support](#).

PMO476I**CMDSECUR CHANGED TO 'NO'. RACF STAT REQUEST FAILED****Reason:**

CA PMO changed the value for the CMDSECUR parameter from YES to NO. (CA PMO received a non-zero return code when it issued a RACROUTE REQUEST=STAT macro to verify the version of RACF that is running.)

Action:

Review message PMO260I (which follows message PMO476I) for a description of the return codes.

PMO480I

ALL LNKST LIBRARIES EXCLUDED

Reason:

CA PMO will not manage any LNKST libraries because EXCLLNK=*, or MLSIZE=0 was specified in the CA PMO parameter data set.

Action:

No action is required. This message is informational.

PMO482I

OBSOLETE DETECT PARAMETER IGNORED - ALL UPDATES WILL BE DETECTED

Reason:

CA PMO issues this message during initialization if the parameter DETECT=STOWONLY in the parameter data set was specified. This parameter was valid for earlier versions of CA PMO; it is no longer supported. This version of CA PMO detects all STOW and CLOSE updates.

Action:

No action is required. This message is informational.

PMO484I

[INCLUDED|EXCLUDED] LIBRARY NOT FOUND. DSN=*data set name*

Reason:

This message is issued during initialization when the EXCLLNK parameter was specified and the specified library could not be found in the LNKST. CA PMO continues initialization without this library.

Action:

No action is required. This message is informational.

PMO486I

[ACTIVE | CURRENT] LNKLST SET=*linklistname*

Reason:

This message is issued at CA PMO initialization for every active/current LNKLST set in use. CA PMO begins managing the LNKLST sets listed based on the parameter settings for INCLLNK or EXCLLNK.

Action:

No action is required. This message is informational.

PMO490I

INVALID WTO INTERFACE FOUND

Reason:

CA PMO attempted to verify its SVC 35 intercept hook but was unable to verify its validity.

Action:

No action is required as long as PMO492I follows. If not, Contact [CA Support](#).

PMO492I

PMO WTO INTERFACE REINSTATED

Reason:

CA PMO was unable to validate its SVC 35 intercept so it successfully reinstated the intercept.

Action:

No action is required. This message is informational.

PM0501I

LLA IS CURRENTLY [ACTIVE|INACTIVE]

Reason:

This message indicates the current status of LLA. CA PMO displays this message during initialization if the CA PMO/LLA interface by setting the LLA=WARN or LLA=AUTO parameter was turned on. If LLA is active, CA PMO obtains LNKST directory information from LLA instead of the LNKST directories on DASD.

Action:

No action is required. This message is informational.

PM0511I

LLA STARTUP DETECTED

Reason:

CA PMO detected that LLA has started. CA PMO will get new LNKST directory update information from LLA instead of the LNKST directory on DASD.

Action:

No action is required. This message is informational.

PM0512I

LLA STOP DETECTED

Reason:

CA PMO detected an LLA STOP command. It will invalidate LNKST members from the managed list as they are referenced. CA PMO also will get new LNKST directory information from the LNKST directory on DASD instead of LLA. This ensures that the managed list always contains the most up-to-date LNKST directory entries.

Action:

No action is required. This message is informational.

PM0513I

LLA REFRESH DETECTED

Reason:

CA PMO has detected that LLA was refreshed.

When the refresh is complete, CA PMO invalidates all LNKST entries that entered the managed list prior to the completion of the refresh. CA PMO invalidates these entries as they are referenced. When the refresh is complete, CA PMO gets new LNKST directory information from the LLA. This ensures that the managed list always contains the most up-to-date LNKST directory entries.

For information on LLA refreshes, see the descriptions of the LLA, REFDELAY, and OPERMSG parameters in the chapter "Using Parameters" in the *CA PMOSystems Programmer Guide*.

Action:

No action is required. This message is informational.

PM0518I

SELECTIVE LLA REFRESH TO OCCUR AT *hh:mm:ss* [FOR ALL LNKST LIBRARIES] [FOR LNKST LIBRARY=*library*] [FOR LNKST MEMBER=*member*]

Reason:

If CA PMO issues this message for a particular library, that library has been updated or you have issued an F PMO,D command for that library. If CA PMO issues this command for all LNKST libraries, CA PMO will refresh all of LLA.

Finally, if CA PMO issues this command for a particular member, that member has been updated or you have issued an F PMO,M command for that member.

In all cases, CA PMO automatically conducts the appropriate LLA refresh at *hh:mm:ss*, which is the time that CA PMO detected the update plus the time specified on the REFDELAY parameter. This message is not highlighted in the same way that other CA PMO messages are highlighted.

Action:

No action is required. This message is informational.

PM0519D

LNKLST UPDATE DETECTED - SHOULD LLA BE REFRESHED (YES OR NO)?

Reason:

The parameters LLA=AUTO and OPERMSG=YES were specified. CA PMO detected an update of a member in a LNKLST library. Because of the update, the LLA directory is no longer current. Message PMO522I precedes or follows this message.

Action:

- For CA PMO to issue an LLA REFRESH command, type:

R *nn*,YES

The *nn* is the reply ID that precedes this message.

- To issue the LLA refresh command manually, type:

R *nn*,NO

The *nn* is the reply ID that precedes this message.

Note: If NO is a frequent reply to this message, specify LLA=WARN in the parameter data set.

PM0520I

LNKLST UPDATE DETECTED - LLA TO BE AUTOMATICALLY REFRESHED AT *hh:mm:ss*

Reason:

You specified the parameters LLA=AUTO and OPERMSG=NO. CA PMO detected an update of a member in a LNKLST library. Because of this update, the LLA directory is no longer current. At *hh:mm:ss*, CA PMO automatically issues a command to refresh the LLA. It calculates *hh:mm:ss* by adding the time interval that you specified on the REFDELAY parameter to the time that it detected the need for a refresh. If CA PMO detects another LNKLST update more than 15 seconds after this message appears, it deletes this message and prints another one with a later refresh time. Message PMO522I follows this message.

Action:

No action is required. This message is informational.

PM0521I

LNKLST UPDATE DETECTED - LLA REFRESH MAY BE REQUIRED

Reason:

Parameter LLA=WARN was specified. CA PMO detected an update of a member in a LNKLST library. Because of the update, the LLA directory is no longer current. Message PM0522I follows this message.

Action:

Issue the LLA REFRESH command or the LLA STOP command. When the PMO/LLA interface detects either command, CA PMO deletes this message.

PM0522I

D=datasetname M=membername LNKSET=[linklistname | ALL-SETS]**Reason:**

This message follows messages PM0520I and PM0521I; it either precedes or follows message PM0519I. It specifies the *data set name*, *member name*, and the *lnkfst set name* of a LNKLST module that has been updated. If the member name is a series of asterisks (M=*****), the entire library was updated.

If a second update occurs while message PM0519I, PM0520I, or PM0521I is highlighted on the console, that message will not appear a second time. Message PM0522I, however, will appear again.

Action:

Refer to the highlighted message that appears on the console (PM0519I, PM0520I, or PM0521I).

PM0525I

CA PMO DETECTED ACTIVATE OF LNKSET=*linklistname***Reason:**

CA PMO detected the activation of a Dynamic LNKLST set by issuing the SETPROG LNKLST ACTIVATE command. CA PMO will queue the request for processing.

Action:

No action is required. This message is informational.

PM0526E

NO DYNAMIC LNKLST FREE QUEUE ELEMENTS AVAILABLE FOR LNKSET=*linksetname*

Reason:

CA PMO was unable to process the last "SETPROG LNKLST ACTIVATE" request because the queue of pending requests was full. This indicates a possible problem with the PMODYNL subtask that processes the requests. The activated set, *linksetname*, will not be managed.

Action:

Contact [CA Support](#).

PM0535I

PMODYNL PROCESSED LNKSET=*linklistname*

Reason:

CA PMO has successfully processed the indicated LNKLST name. This message follows message PM0525I and indicates that CA PMO is now managing the LNKSET based on the INCLLNK/EXCLLNK parameter and command settings in effect.

Action:

No action is required. This message is informational.

PM0560A

LLAPRMLB PARAMETER NOT SPECIFIED

Reason:

This message is issued during initialization if LLA=AUTO was specified but neglected to specify the LLAPRMLB parameter. CA PMO abends with a U100.

Action:

Specify the LLAPRMLB parameter and restart CA PMO. Follow the procedure outlined in the step, "Set up Automatic LLA Refreshes" in the installation chapter of the *CA PMO Installation Guide*.

PM0562A

GETMAIN FAILED FOR SELECTIVE LLA REFRESH BUFFER

Reason:

CA PMO could not get storage for an internal buffer used for selective refresh processing. Selective refreshes will be disabled. Message PMO567I follows.

Action:

Increase the amount of storage available for CA PMO.

PM0563I

DYNAMIC ALLOCATION FAILED FOR DSN=*data set name*

Reason:

CA PMO tried to allocate the LLAPRMLB data set, but could not do this. If this problem occurs while CA PMO is starting up, CA PMO will experience a U100 abend. If it occurs at any other time, CA PMO issues message PMO567I and it stops selectively refreshing LLA; instead, CA PMO will initiate full LLA refreshes for LNKLST library and member updates.

Action:

Specify a data set on the LLAPRMLB parameter. Also check whether this data set is allocated by another job, TSO session, or started task, and free up the data set so that CA PMO can allocate it.

PM0564I

OPEN FAILED FOR DSN=*data set name*

Reason:

CA PMO could not open the LLAPRMLB data set. If this problem occurs while CA PMO is starting up, CA PMO will experience a U100 abend. If it occurs at any other time, CA PMO issues message PMO567I and it stops selectively refreshing LLA; instead, CA PMO will initiate full LLA refreshes for LNKLST library and member updates.

Action:

Be sure there is no reserve on the device where the data set resides, and be sure the device is online. If neither of these problems exist, Contact [CA Support](#).

PM0565I

STOW FAILED FOR DSN=*data set name*

Reason:

CA PMO issued a STOW to create a CSVLLAxP member of the LLAPRMLB data set, but the STOW failed. CA PMO will experience a U100 abend.

Action:

Contact [CA Support](#).

PM0566I

WRITE TO DATA SET FAILED FOR DSN=*data set name*

Reason:

CA PMO could not write the LLA parameters (LIBRARIES or MEMBERS) to the LLAPRMLB data set. CA PMO issues message PM0567I and it stops issuing selective LLA refreshes; instead, CA PMO initiates full LLA refreshes for LNKLST library and member updates.

Action:

Contact [CA Support](#).

PM0567I

SELECTIVE LLA REFRESHES WILL BE DISABLED

Reason:

CA PMO issues this message after issuing messages PM0563I, PM0564I, and PM0566I to indicate that it will no longer selectively refresh LLA. Instead, CA PMO initiates full LLA refreshes for LNKLST library and member updates.

Action:

Correct the problem specified in the message issued before this one. CA PMO cannot begin selectively refreshing LLA again until it is restarted.

PM0602I**UNEXPECTED UPDATE LOCK VALUE****Reason:**

A lock serialization error occurred while processing updates from other systems. A U160 abend follows this message.

Action:

Contact [CA Support](#).

PM0603I**CROSS SYSTEM UPDATE QUEUE EXCEEDED****Reason:**

The queue used to store member updates from PMO/XSYS and PMO/XCF is full. When this occurs, the library being updated is marked as temporarily invalid, and the entire library is refreshed. In the case of a private library, the hash table is rebuilt. For a LNKST library, any managed list entries for the library, plus any libraries behind it in the LNKST concatenation, are flushed. When the refresh completes, PMO will again start resolving the directory searches for the library. This is done to keep PMOs copy of directory information in synch with the updates that were made when the buffer became full. It is important to note that updates will not be lost, but response time to the affected library will be degraded while the refresh is taking place.

Action:

For updates from PMO/XSYS, lowering the CYCLE parameter value will alleviate the buffer full condition. If the problem persists after lowering the CYCLE parameter, or if the problem occurs when using PMO/XCF,

Contact [CA Support](#).

PM0605I

UNABLE TO FREEMAIN HASH TABLE FOR DSN=*data set name*

Reason:

While deleting a hash table for *data set name*, CA PMO could not deallocate the original hash table's main storage region. There are three situations when CA PMO deletes a hash table:

- When updates occur and CA PMO must reconstruct the hash table. CA PMO must allocate storage (with the GETMAIN macro) and construct a new hash table.
- When CA PMO automatically stops managing the library.
- When you issue an F PMO,EXCLPRVT command for *data set name*, CA PMO stops managing it and issues message PMO396I.

Action:

Contact [CA Support](#).

PM0610I

UNABLE TO FREEMAIN DCB FOR STOPPED DSN=*data set name*

Reason:

CA PMO stopped managing *data set name*, but it could not free the storage for the DCB used to allocate and open *data set name*. Message PMO396I appears when CA PMO has stopped managing the library.

Action:

Contact [CA Support](#).

PM0615I

UNABLE TO CONSTRUCT HASH TABLE FOR DSN=*data set name*

Reason:

CA PMO could not construct a hash table for *data set name*. The library will not be managed. This message follows message PMO630I, PMO635I, PMO640I, PMO641E, PMO650I, or PMO691E.

Action:

See the message preceding this one for an explanation of why the hash table was not constructed.

PM0630I

[ALLOC|OPEN|SWAREQ] FAILED FOR DSN=*data set name*

Reason:

CA PMO could not allocate or open *data set name* or do a SWAREQ against it. As a result, CA PMO cannot do sample I/O directory searches to determine the average elapsed time for directory searches of *data set name*. Instead, CA PMO uses average elapsed times for I/O directory searches for the other managed libraries. If *data set name* is a LNKST library, CA PMO manages it as you specified. If *data set name* is a private library that you specified for management by setting a parameter or issuing a command, CA PMO manages it in the managed list only. If it is a private library that CA PMO attempted to manage automatically, it will not be managed at this time. CA PMO may try to manage it later on if directory search activity to the library continues to warrant its management.

This problem can occur any time CA PMO attempts to start managing a private library. If *data set name* was included for hash table management, message PM0615I follows this message.

Action:

- If you are satisfied with the action that CA PMO took, or if *data set name* is a LNKST library, no action is required.
- If *data set name* is a private library and you are not satisfied with the action that CA PMO took, take the appropriate action depending on the problem:
 - If the ALLOC or OPEN failed, make sure that the following items are true:
 - The library does not have an exclusive ENQUEUE on it.
 - Another user has not allocated OLD.
 - There is not a reserve on the device.
 - The device is not offline.
 - After you fix the problem, you can have CA PMO manage the library by using the F PMO,EXCLPRVT and F PMO,INCLPRVT commands.
 - If the SWAREQ failed, Contact [CA Support](#).
 - If the ALLOC failed, this message is followed by PM0395I.

PM0635I

TRACK ADDRESS CONVERSION FAILED. DSN=*data set name*

Reason:

This error occurred while CA PMO was reading the directory to construct a hash table for *data set name*.

- If this error occurs during CA PMO initialization, a U100 abend follows this message.
- If this error occurs after initialization, message PMO615I follows this message.

Action:

Contact [CA Support](#).

PM0637I

OPEN FAILED WITH Sx13 ABEND FOR DSN=*data set name*

Reason:

This message is issued if CA PMO receives an abend while trying to open *data set name*. CA PMO recovers from this abend and it ignores this library.

Action:

See IBM documentation for an explanation of the abend.

PM0638I

PDSE DIRECTORY BYPASSED. DSN=*dataset_name*

Reason:

At initialization, PMO encountered an INCLPRVT command to include a PDSE library into the hash table array.

Action:

None. PDSE libraries are not eligible for hash table inclusion and the library is bypassed.

PM0640I**EXCP MACRO FAILED. DSN=*data set name*****Reason:**

This error occurred while CA PMO was reading the directory to construct a hash table for *data set name*.

- If this error occurs at CA PMO initialization time, a U100 abend follows this message.
- If this error occurs after initialization, message PM0615I follows this message.

Action:

Contact [CA Support](#).

PM0641E**DIRECTORY NOT IN ALPHANUMERIC ORDER FOR DSN=*data set name*****Reason:**

This message is issued when CA PMO reads the library's directory in an attempt to construct or reconstruct the library's hash table; CA PMO found that the directory entries are not in alphanumeric order.

Action:

If CA PMO was attempting to automatically manage the library, try to manually include the library using the INCLPRVT command to determine if the directory's condition was temporary. If the INCLPRVT is unsuccessful, then generate an IEHLIST and examine the entries to determine which ones are out of order. Contact [CA Support](#).

If this message was issued in response to an INCLPRVT parameter or command, try excluding and then re-including the library (using the EXCLPRVT and INCLPRVT commands) to determine if the condition was temporary.

PM0650I

HASH TABLE OUT OF SPACE. DSN=*data set name*

Reason:

CA PMO did not allocate enough hash table slots for all the directory entries in *data set name*.

- If this error occurs at CA PMO initialization time, a U100 abend follows this message.
- If this error occurs after initialization, message PMO615I follows this message.

Action:

Contact [CA Support](#).

PM0690I

UNABLE TO AUTOMATICALLY STOP DSN=*data set name*

Reason:

CA PMO issues this message when it automatically tries to stop managing a library, but it cannot.

Action:

Message PMO605I or PMO610I is issued with this one. See the other message.

PM0691E

GETMAIN FAILED - VIRTUAL STORAGE EXHAUSTED. REASON= [HT|DCB] DSN=*data set name*

Reason:

The GETMAIN failed for either a hash table (HT) or for the DCB for *data set name*. CA PMO tries to stop another library if the reason is DCB. If the reason is a hash table, CA PMO tries to stop a larger library that has minimal search activity. If it cannot find a larger library, it will stop any two smaller ones that have little search activity at the current time.

Action:

Increase the region size for CA PMO.

PM0692E

NO FREE PRIVATE LIBRARY ENTRIES. NUMADDED MAY NEED TO BE RAISED.

Reason:

CA PMO could not find a free slot for a library that it wanted to add automatically. CA PMO tried to find a library with minimal search activity that it could stop managing, but it could not find one.

Action:

Raise the value of the NUMADDED parameter if you have sufficient ECSA to do so.

PM0696E

EXCESSIVE LIBRARY STOPS. AUTOMATIC LIBRARY MANAGEMENT WILL BE DISABLED.

Reason:

CA PMO issues this message if it automatically stops an excessive number of libraries in order to make room for other libraries.

Action:

Look at the D6 display to see if NUMADDED or the virtual storage size should be increased.

PM0701I

PMO/XSYS r.v ACTIVE

Reason:

PMO/XSYS was initialized and is now active.

Action:

No action is required. This message is informational.

PM0702I

PMO/XSYS STOPPED

Reason:

PMO/XSYS was stopped.

Action:

No action is required. This message is informational.

PM0706I

**PMO/XSYS ON SYSTEM *ssss* [ACTIVE | NOT STARTED | STOPPED | ABENDED
| INACTIVE]**

Reason:

PMO/XSYS issues this message in response to the F PMO,STAT command. It lists each system ID (*ssss*) known to PMO/XSYS, along with the current status of PMO/XSYS on each system.

Action:

No action is required. This message is informational.

PM0708I

PMO/XSYS NOT ACTIVE

Reason:

PMO issues this message in response to the F PMO,STAT command if PMO/XSYS is not active on the system.

Action:

No action is required. This message is informational.

PM0709I

ESTAE ENTERED, PMO/XSYS QUIESCING

Reason:

This message is issued when the PMO/XSYS ESTAE is entered.

Action:

No action is required. This message is informational.

PM0715I

**PMO/XSYS [HAS NOT BEEN STARTED] ON SYSTEM ssss
[HAS ABENDED]
[HAS BEEN STOPPED]
[APPEARS TO BE INACTIVE]**

Reason:

PMO/XSYS is not active on system ssss. If it displays the HAS ABENDED and HAS BEEN STOPPED versions of this message, it will repeat the message a second time when PMO/XSYS is restarted on that system.

Action:

If CA PMO is running, and the HAS ABENDED version of the message appears, CA PMO will attempt to restart PMO/XSYS automatically. If an earlier release of CA PMO is running, you will have to manually restart the PMO/XSYS started task.

PM0716I

PMO/XSYS HAS BEEN STARTED ON SYSTEM ssss

Reason:

This message is displayed when PMO/XSYS is started on system ssss.

Action:

No action is required. This message is informational.

PM0720I

ECSA GETMAIN FAILED

Reason:

PMO/XSYS could not obtain the amount of ECSA required for initialization. A U300 abend follows this message.

Action:

Contact [CA Support](#).

PM0721I

GETMAIN FOR CONTROL FILE BUFFERS FAILED

Reason:

PMO/XSYS could not obtain storage for internal control file buffers. A U300 abend code follows this message.

Action:

Increase the region size on the REGION parameter of the CA PMO started task and restart CA PMO.

PM0722I

ESTAE EXIT CANNOT BE ESTABLISHED

Reason:

The PMO/XSYS ESTAE macro failed. A U300 abend follows this message.

Action:

Contact [CA Support](#).

PM0723I

GETMAIN FOR SYSTEM TABLE FAILED

Reason:

PMO/XSYS could not obtain storage for its system ID table. A U300 abend follows this message.

Action:

Contact [CA Support](#).

PM0724I

ERRORS FOUND IN PARM CARDS

Reason:

PMO/XSYS could not initialize because of errors in the parameter statements. Message PMO725A, PMO726A, PMO727I, or PMO728I precedes this message and describes the error in the parameter statement. A U300 abend follows this message.

Action:

See the message that preceded this one on your screen.

PM0725A

XSYS PARAMETER SYNTAX IS NOT VALID

Reason:

The syntax on the XSYS parameter is incorrect. Message PM0724I and a U300 abend follow this message.

Action:

Correct the syntax and restart CA PMO.

PM0726A

OUR SYSID NOT FOUND ON XSYS CARD

Reason:

The system ID that you specified on the XSYS parameter statement is not the SMF system ID of this system. Message PM0724I and a U300 abend follow this message.

Action:

Modify the XSYS parameter statement and restart CA PMO.

PM0727I

MAXIMUM SYSIDS EXCEEDED ON XSYS CARD

Reason:

You specified more than 20 system IDs on the XSYS parameter statement. Message PM0724I and a U300 abend follow this message.

Action:

Contact [CA Support](#).

PM0728I

TOO MANY XSYS PARM CARDS FOUND

Reason:

PMO/XSYS found more than one XSYS parameter statement in the parameter data set.

Action:

Remove the unnecessary XSYS parameter statements from the parameter data set.

PM0730A

OPEN FOR CONTROL FILE FAILED

Reason:

PMO/XSYS could not open the control file data set. A U300 abend follows this message.

Action:

Make sure that the control file was not deleted. If it was deleted, recreate it and restart CA PMO.

PM0731A

CONTROL FILE RECORD LARGER THAN BLOCK SIZE

Reason:

The block size of the control file is too small. A U300 abend follows this message.

Action:

Delete the control file, then reallocate it as described in the step, "Allocate the PMO/XSYS Control File" in the *CA PMO Installation Guide*.

PM0732I

CONTROL FILE NEVER PREVIOUSLY FORMATTED

Reason:

The control file was never formatted. PMO/XSYS will attempt to format the control file. If it is successful, message PMO736I follows. If it is unsuccessful, message PMO730A, PMO734A, or PMO735A follows.

Action:

See the message that is displayed after this one.

PM0733I

CONTROL FILE CONFIGURATION PARMS HAVE CHANGED

Reason:

The XSYS parameter statement has been changed since PMO/XSYS was last started. PMO/XSYS will attempt to reformat the control file. If it is successful, message PMO736I follows. If it is unsuccessful, message PMO730A, PMO734A, or PMO735A follows.

Action:

See the message that is displayed after this one.

PM0734A**ATTEMPT TO FORMAT CONTROL FILE FAILED****Reason:**

The PMO/XSYS control file could not be formatted. A U300 abend follows this message.

Action:

Delete the control file, then reallocate it as described in the step, "Allocate the PMO/XSYS Control File" in the *CA PMO Installation Guide*.

PM0735A**CONTROL FILE FORMAT REQUIRED****Reason:**

The PMO/XSYS configuration has changed since the control file was last formatted. You either changed the XSYS parameter statement, or you are using a new release of PMO/XSYS. A U300 abend follows this message.

Action:

Restart CA PMO as shown below:

```
S started task name,FORMAT=YES
```

PM0736I**CONTROL FILE HAS BEEN FORMATTED****Reason:**

The PMO/XSYS control file data set has been initialized.

Action:

No action is required. This message is informational.

PM0740I

I/O ERROR READING CONTROL FILE

Reason:

An I/O error occurred while PMO/XSYS was reading or writing to the control file. PMO/XSYS will try the operation again. A second occurrence of this error results in a U320 or U340 abend.

Action:

No action is required unless you receive a U320 or a U340 abend. If you do receive an abend, see the action for that abend in the chapter "Abend Codes."

PM0741I

I/O ERROR WRITING CONTROL FILE

Reason:

An I/O error occurred while PMO/XSYS was reading or writing to the control file. PMO/XSYS will try the operation again. A second occurrence of this error results in a U320 or U340 abend.

Action:

No action is required unless you receive a U320 or a U340 abend. If you do receive an abend, see the action for that abend in the chapter "Abend Codes."

PM0742A

CONTROL FILE OVERFLOW - MESSAGES LOST

Reason:

The control file record wrapped around because there were too many library and member updates for the system where this message appeared. As a result, the system could not process all cross-system updates of its CA PMO-managed libraries using PMO/XSYS.

Action:

If all the PMO systems run in one sysplex, consider using PMO/XCF instead of PMO/XSYS for cross system communication. If you need to use PMO/XSYS, change the value of the CYCLE parameter in your CA PMO startup parameter file to a smaller number (the default value is 10 seconds, the minimum is 1 second). If the problems persist,

Contact [CA Support](#).

PM0750I**LNKLST UPDATE DETECTED - LLA TO BE AUTOMATICALLY REFRESHED AT *hh:mm:ss*****Reason:**

You specified the parameters LLA=AUTO and OPERMSG=NO. PMO/XSYS has detected a library update from another system on this system's LNKST. Because of the update, this system's LLA directory is no longer current. At *hh:mm:ss*, PMO/XSYS automatically issues a command to refresh the LLA. It calculates *hh:mm:ss* by adding the time interval specified for the REFDELAY parameter to the time that it detected the need for the refresh. Message PMO752I follows this message. If PMO/XSYS detects another LNKST update more than 15 seconds after this message appears, it deletes this message and prints another one with a later refresh time.

Action:

No action is required. This message is informational.

PM0751I**LNKLST UPDATE DETECTED - LLA REFRESH MAY BE REQUIRED****Reason:**

PMO/XSYS has detected a library update from another system on this system's LNKST. Because of the update, this system's LLA directory is no longer current. Message PMO752I follows this message.

Action:

Issue the LLA REFRESH command or the LLA STOP command. When PMO/XSYS detects one of these commands, it deletes this message.

PM0752I

D=data set name, M=member name, S=system-ID

Reason:

This message specifies the *data set name* and *member name* of a LNKST module that has been updated, as well as the *system-ID* where the update occurred. This message follows messages PMO759D, PMO750I, and PMO751I. If a second update occurs while one of these messages is still highlighted on your screen, that message will not appear a second time. Message PMO752I, however, will be displayed again.

Action:

See the message that preceded this one on your screen.

PM0758I

SELECTIVE LLA REFRESH TO OCCUR AT *hh:mm:ss* [FOR ALL LNKLIST LIBRARIES | FOR LNKLIST LIBRARY=*library* | FOR LNKLIST MEMBER=*member*]

Reason:

If CA PMO issues this message for a particular library, that library has been updated or you have issued an F PMO,D command for that library. If CA PMO issues this command for all LNKLIST libraries, CA PMO will refresh all of LLA. Finally, if CA PMO issues this command for a particular member, that member has been updated, or you have issued an F PMO,M command for that member. In all cases, CA PMO automatically conducts the appropriate LLA refresh at *hh:mm:ss*, which is the time that CA PMO detected the update plus the time specified on the REFDELAY parameter.

This message is not highlighted in the same way that other CA PMO messages are highlighted.

Action:

No action is required. This message is informational.

PM0759D

LNKLIST UPDATE DETECTED - SHOULD LLA BE REFRESHED (YES OR NO)?

Reason:

You specified the parameters LLA=AUTO and OPERMSG=YES. PMO/XSYS has detected a library update from another system on this system's LNKLIST. Because of the update, this system's LLA directory is no longer current.

Action:

- If you want PMO/XSYS to refresh the LLA, enter:

R *nn*,YES

The *nn* is the reply ID that precedes this message.

- If you want to refresh the LLA manually, enter:

R *nn*,NO

The *nn* is the reply ID that precedes this message.

Note: If you often reply NO to this message, you should specify the parameter LLA=WARN.

PM0781I

DELAY ENCOUNTERED ACCESSING THE PMO XSYS FILE

Reason:

During PMO/XSYS file processing, a delay was encountered attempting to WRITE/READ at the end of the specified CYCLE.

Action:

Check the location of you PMO/XSYS file to determine if it resides on a volume with excessive reserve access that may be causing delays to PMO/XSYS file processing.

PM0801I

PMO/XCF r.v ACTIVE

Reason:

PMO/XCF was initialized and is now active.

Action:

No action is required. This message is informational.

PM0802I

PMO/XCF STOPPED

Reason:

PMO/XCF was stopped.

Action:

No action is required. This message is informational.

PM0803I

PMO/XCFT r.v ACTIVE

Reason:

PMO/XCFT was initialized and is now active.

Action:

No action is required. This message is informational.

PM0804I

PMO/XCFT STOPPED

Reason:

PMO/XCFT was stopped.

Action:

No action is required. This message is informational.

PM0805I

PMO/XCFU r.v ACTIVE

Reason:

PMO/XCFU was initialized and is now active.

Action:

No action is required. This message is informational.

PM0806I

PMO/XCFU STOPPED

Reason:

PMO/XCFU was stopped.

Action:

No action is required. This message is informational.

PM0807I

PMO/XCF NOT ACTIVE

Reason:

CA PMO issues this message in response to the F PMO,STAT command if PMO/XCF is not active on the system.

Action:

No action is required. This message is informational.

PM0808I

**PMO/XCF MEMBER *member name* ON SYSTEM *system ID* [CREATED|ACTIVE
|QUIESCED|FAILED|UNKNOWN] IN GROUP *group name***

Reason:

CA PMO issues this message in response to the F PMO,STAT command. It lists each member defined to the XCF group.

Action:

No action is required. This message is informational.

PM0809I

ESTAE ENTERED, PMO/XCF QUIESCING

Reason:

This message is issued when the PMO/XCF ESTAE is entered.

Action:

No action is required. This message is informational.

PM0810I

ESTAE ENTERED, PMO/XCFT QUIESCING

Reason:

This message is issued when the PMO/XCFT is entered.

Action:

No action is required. This message is informational.

PM0811I

ESTAE ENTERED, PMO/XCFU QUIESCING

Reason:

This message is issued when the PMO/XCFU ESTAE is entered.

Action:

No action is required. This message is informational.

PM0819A

GETMAIN FOR PMO/XCF RECEIVE ROUTINE WORK AREA FAILED

Reason:

PMO/XCF Receive routine failed obtain storage for its work area.

Action:

Increase the region size on REGION parameter of the CA PMO started task and restart CA PMO.

PM0820A

ECSA GETMAIN FAILED

Reason:

PMO/XCF could not obtain the amount of common storage required for initialization. It is 120B in subpool 241 in ECSA.

Action:

Increase ECSA storage in subpool 241 and restart CA PMO.

PM0821A

GETMAIN FOR PMO/XCF BUFFERS FAILED

Reason:

PMO/XCF could not obtain storage for update buffers. It is approximately 30kB in subpool 241 in the ECSA.

Action:

Increase ECSA storage in subpool 241 and restart CA PMO.

PM0822A

ESTAE EXIT CANNOT BE ESTABLISHED

Reason:

The PMO/XCF ESTAE macro failed.

Action:

Contact [CA Support](#).

PM0823A

GETMAIN FOR PMO/XCF ANSWER AREA FAILED

Reason:

PMO/XCF could not obtain storage for the XCF Answer Area.

Action:

Increase the region size on REGION parameter of the CA PMO started task and restart CA PMO.

PM0825A

IXCJOIN REQUEST FAILED, RETURN CODE = XXXXXXXX, REASON CODE = XXXXXXXX.

Reason:

PMO/XCF failed to connect to the XCF group.

Action:

Refer to the *MVS Programming: Sysplex Services Reference* manual for the meanings of the Return and Reason codes and take the appropriate action.

PM0826A

IXCJOIN REQUEST FAILED. THE MEMBER ALREADY EXISTS IN THE XCF GROUP

Reason:

PMO/XCF failed to connect to the XCF group because a member with the same name already exists in the group.

Action:

Make sure that each PMO in the XCF group uses a unique member name.

PM0827A

IXCJOIN REQUEST FAILED. THE GROUP NAME SPECIFIED IS NOT VALID

Reason:

PMO/XCF failed to connect to the XCF group because the group name at the XCFGROUP parameter is not valid.

Action:

Make sure that the group name specified in the PMO parameters is valid. The group name must be eight characters long, padded on the right with blanks if necessary; the valid characters are A-Z, 0-9, and national characters (\$, # and @).

PM0828A

IXCJOIN REQUEST FAILED. THE MEMBER NAME SPECIFIED IS NOT VALID

Reason:

PMO/XCF failed to connect to the XCF group because the member name at the XCFMEMBR parameter is not valid.

Action:

Make sure that the member name specified in the CA PMO parameters is valid. The name must be 16 characters long, padded on the right with blanks if necessary; the valid characters are A-Z, 0-9, and national characters (@, # and \$).

PM0832A

ESTAE EXIT CANNOT BE ESTABLISHED

Reason:

PMO/XCF Transmit routine failed to establish ESTAE recovery.

Action:

Contact [CA Support](#).

PM0833A**GETMAIN FOR PMO/XCF TRANSMIT ROUTINE WORK AREA FAILED****Reason:**

PMO/XCF Transmit routine failed to obtain storage for its work area.

Action:

Increase the region size on REGION parameter of the CA PMO started task and restart CA PMO.

PM0834A**GETMAIN FOR THE MESSAGE TO BE SENT FAILED****Reason:**

PMO/XCF Transmit routine failed to failed to obtain storage for the message to be sent.

Action:

Increase the region size on REGION parameter of the CA PMO started task and restart CA PMO.

PM0835A**IXCMSSGO REQUEST TO SEND A MESSAGE FAILED, RETURN CODE = XXXXXXXX, REASON CODE = XXXXXXXX****Reason:**

PMO/XCF Transmit routine failed to send a message through the XCF.

Action:

Refer to the *MVS Programming: Sysplex Services Reference* manual for the meanings of the Return and Reason codes and take the appropriate action.

PM0844A**GETMAIN FOR THE MESSAGE TO BE RECEIVED FAILED****Reason:**

PMO/XCF Receive routine failed to obtain storage for the incoming message.

Action:

Increase the region size on REGION parameter of the CA PMO started task and restart CA PMO.

PM0845A

**IXCMSGI REQUEST TO RECEIVE A MESSAGE FAILED, RETURN CODE = XXXXXXXX,
REASON CODE = XXXXXXXX**

Reason:

PMO/XCF Receive routine failed to receive the message sent through the XCF.

Action:

Refer to the *MVS Programming: Sysplex Services Reference* manual for the meanings of the Return and Reason codes and take the appropriate action.

PM0846A

MESSAGE RECEIVED IS NOT A PMO/XCF UPDATE MESSAGE

Reason:

PMO/XCF Receive routine received a message that is not a PMO/XCF Update Message. This can be caused by using a Group name which is being used in a different product.

Action:

Change the XCFGROUP parameter in your CA PMO parameters to a unique value used only by CA PMO and restart CA PMO.

PM0847A

GETMAIN FOR PMO/XGU ROUTINE WORK AREA FAILED

Reason:

PMO/XCF Group User Routine failed to obtain storage for its work area.

Action:

Increase the region size on REGION parameter of the CA PMO started task and restart CA PMO.

PMO848I**REMOTE PMO XCF MEMBER *membername* status****Reason:**

PMO/XCF Group Routine detected a state change of a member of the XCF group.

Action:

If the new state is QUIESCED, FAILED, INACTIVE, or UNKNOWN, check the remote CA PMO system with THE INDICATED *membername* to see if it needs to be restarted. The *status* can be ACTIVE, CREATED, FAILED, INACTIVE, QUIESCED, or UNKNOWN.

PMO849I**ESTAE ENTERED, PMO/XGU QUIESCING****Reason:**

This message is issued when the PMO/XGU ESTAE is entered.

Action:

No action is required; this is an informational message.

PMOH0011E**The managed list is too small for the number of active LNKLST entries****Reason:**

This health check message relates to the managed list. The shortest time between two sorts of the managed list since CA PMO became active, or since CA PMO statistics were reset with the F PMO,RESET command, is less than nn minutes. This might have a negative effect to LNKLST directory search performance.

Action:

CA PMO continues processing. For best performance of directory searches for modules from LNKLST libraries, increase the MLSIZE parameter in CA PMO parameter member. For more information see the *CA PMO Systems Programmer Guide*.

PMOH0012I

The least time between two sorts of the managed list is nn.nn minutes. The MLSIZE parameter value (nnn) is set for optimal performance.

Reason:

This health check message indicates that the managed list sort times are normal.

Action:

CA PMO continues processing.

No action is required. This message is informational.

PMOH0021E

There are too many LNKLST searches ending with Member not Found result. All LNKLST searches count is nnnnnn, Member not Found searches count is nnnn which is n% of all LNKLST searches. Setting the startup parameter RETNF=YES will allow PMO to handle these requests.

Reason:

This health check message relates to the managed list. When a member is not found in the managed list, LLA or I/O is used for the directory search. If the member is not found using LLA or I/O, this search is included in the CA PMO not assisted LNKLST searches ending with Member not Found result. By setting parameter RETNF=YES, CA PMO creates entries in the managed list for LNKLST directory searches where the member is not found.

In a TSO environment, this can save LNKLST directory searches for frequently called CLISTs, because the LNKLST is searched before CLIST libraries that are allocated to the SYSPROC DDNAME.

Action:

CA PMO continues processing. For best performance, set the parameter RETNF=YES in CA PMO parameter member and restart CA PMO. For more information see the *CA PMO Systems Programmer Guide*.

PMOH0022I

PMOH0022I Member not Found requests count (that are not CA PMO assisted) is low - n% of all LNKLST search requests. This is a normal and acceptable condition.

Reason:

This health check message indicates that CA PMO is adequately assisting LNKLST searches.

Action:

CA PMO continues processing.

No action is required. This message is informational.

PMOH0031E

Private libraries are excluded from automatic management because there are no available library entries. There are n% of searches in libraries that are ineligible because of NUMADDED exceeded condition.

Reason:

This health check message pertains to private library management. The NUMADDED parameter is the maximum number of private libraries that can be added for management by issuing the F PMO,INCLPRVT command or by automatic management. If the percentage of searches in libraries that were not added to CA PMO management because of NUMADDED exceeded is more than n%, the NUMADDED parameter should be increased.

Action:

CA PMO continues processing. To increase performance of private libraries directory searches, increase the NUMADDED parameter value in the CA PMO parameter member. For more information see the *CA PMO Systems Programmer Guide*.

PMOH0032I

The percentage of searches in private libraries that were excluded from automatic management because NUMADDED was exceeded is n% of all searches. This is a normal and acceptable condition.

Reason:

This health check message indicates that there are enough entries for private libraries.

Action:

CA PMO continues processing.

No action is required. This message is informational.

Chapter 4: Abend Codes

This chapter describes CA PMO abend codes.

Some errors may cause CA PMO to abend. If CA PMO abends, one of these abend codes is displayed on the operator's console:

U100

CA PMO failed to initialize.

Action:

See the console message log, which contains an error message describing the reason for the failure. This abend may follow these messages: PMO006I, PMO007I, PMO008E, PMO013A, PMO410E, PMO415E, PMO420A, PMO423A, PMO432I, PMO438E, PMO440A, PMO450A, PMO470I, PMO563I, PMO564I, and PMO565I.

U150

CA PMO started PMO/XSYS ten times within one hour. 'N' was replied to message PMO024D.

Action:

Contact [CA Support](#).

U160

CA PMO could not unlock a queue entry for a directory entry update.

Action:

Contact [CA Support](#).

U170

CA PMO could not unlock a private library area after searching its hash table.

Action:

Contact [CA Support](#).

U180

CA PMO could not install one of its SVC intercepts.

Action:

Contact [CA Support](#).

U190

CA PMO could not initialize a cross memory services environment.

Action:

Contact [CA Support](#).

U200

CA PMO could not find module PMO/XSYS.

Action:

Contact [CA Support](#).

U300

PMO/XSYS failed to initialize.

Action:

See the console message log, which contains an error message describing the reason for the failure.

U320

PMO/XSYS cannot read the control file because of multiple read errors. Message PMO740I precedes this abend.

Action:

Delete the control file and then reallocate it.

U340

PMO/XSYS cannot write to the control file because of multiple write errors. Message PMO741I precedes this abend.

Action:

Delete the control file and then reallocate it.

U360

Either the control file was destroyed, or it was reformatted by another system while PMO/XSYS was active on this system.

Action:

Delete the control file and then reallocate it.

U420

The attach for the PMO/CMND task failed.

Action:

Contact [CA Support](#).

U440

PMO/CMND could not recover in ESTAE.

Action:

Contact [CA Support](#).

U460

PMO/CMND encountered an abend prior to CA PMO being active.

Action:

Contact [CA Support](#).