

CA Mainframe Application Tuner

Performance Management Assistant
Message Reference Guide
Version 9.0.00



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CA Technologies Product References

This document references the following CA Technologies products:

- CA Mainframe Application Tuner (CA MAT)
- Performance Management Assistant (PMA)

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Chapter 1: Central Component Messages

This chapter details each of the error messages that might be issued by one of the Central Component programs.

The program name is normally listed at the beginning of the message. For each message, the reason for the message and an action is provided.

This section contains the following topics:

[APCBAALM Messages](#) (see page 7)
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APCBAALM Messages

The following messages are generated from module APCBAALM.

APCBAALM WARNING:

NO VALID ENTRY IN LMO FILE

Reason:

The access to the load module cluster failed.

Action:

Check the load module cluster or set up reorganization with APCXJREO.

APCBAALM WARNING:

NO VALID ENTRY IN ALERT FILE

Reason:

The access to the alert cluster failed.

Action:

Check the alert cluster or set up reorganization with APCXJREO.

APCBAALM WARNING:

INVALID MD PARM - DEFAULT VALUES USED

Reason:

The GM parameter is not correctly set. Defaults are used.

Action:

This message is for information only.

APCBAALM:

MODC ALERT SUPPRESSED FOR JOB <jobname> AND MODULE <module name>

Reason:

The AX parameter defines the job name patterns for jobs that do not get an alert because of module changes. These patterns match the <jobname> that the message gives out. The alert will be suppressed.

Action:

This message is for information only.

APCBAALM:

POSSIBLE MODC ALERT SUPPRESSION FAILED BECAUSE OF ERRONEOUS AX-PARM

Reason:

The AX parameter defines the job name patterns for jobs that do not get an alert because of module changes. The definitions are erroneous.

Action:

Correct the AX parameter in the parms file.

APCBAALM WARNING:

NO VALID ENTRY IN JOB FILE**Reason:**

The access to the job file cluster failed.

Action:

Check the job file cluster or set up a reorganization with APCXJREO.

APCBAALM:

MODC ALERT SUPPRESSED FOR JOB <jobname> AND MODULE <module name> BY EXCL**Reason:**

The alert will be suppressed because of an EXCLUSION definition in the scope of work parameter. Either the job is excluded or the module is excluded.

Action:

This message is for information only.

APCBAALM:

NO VALID ENTRY IN DAYPLAN**Reason:**

There is no input defined for DD APCDAY. MODC alerts are built using the Job Step information from the Job Cluster.

Action:

This message is for information only.

APCBAALM WARNING:

APCBAALM TERMINATED BY MISSING PARAMETER**Reason:**

The access to the parameter file failed or a mandatory parameter was not defined.

Action:

Check the parameter file. Make sure you have completed the product administration and entered a definition for the following parameter:

Global Parameter G1 Measurement DS processing section:

- CA MAT monitor server name
- Measurement data set name prefix
- Measurement list ds name prefix

Central Component X1 General Central Component Parameters:

- Max number of measurements/day
- Additional parameters for measurement requests invoked by PMA-BATCH/PMA-SERVER

APCBAALM:

APCBAALM ENDED SUCCESSFUL ELAPSED TIME = <nnnn> SECONDS

Reason:

Program end message. <nnnn> is a numeric value indicating the process time in seconds.

Action:

This message is for information only.

APCBAALM:

APCBAALM PARAMETERS MAX MEASUR REQ = <nnnn> TOP OF BATCH = <nnnnn>

Reason:

Process information message including the current defined parameter values for maximum number of measurement requests per day and Top Scope.

Action:

This message is for information only.

APCBAALM:

APCBAALM REPORT UNDER STC = N FROM YYYY-MM-DD

Reason:

Program process information with process date in from YYYY-MM-DD. STC = N/Y indicates if the PMA Server STC was not active / was active during program execution.

Action:

This message is for information only.

APCBAALM:

MODULES CHANGED BY USER **<nnnnnn>**

Reason:

Number of changed modules found on the defined load libraries. See PMA Parameter Menu, option X5 Load Module Libraries.

Action:

This message is for information only.

APCBAALM:

MODULES CHANGED BY XREF **<nnnnnn>**

Reason:

Number of main modules flagged as changed if a matching main-submodule reference was found in the inputfile assigned to DD APCSPMP.

Action:

This message is for information only.

APCBAALM:

RESET OF CHANGED MODULES BY PMA SCOPE **<nnnnnn>**

Reason:

Changed modules which were not considered for the further alert check process because the module name does not match the current PMA scope definitions (either excluded or not included). See PMA Parameter Menu, option X2 Scope if Work.

Action:

This message is for information only.

APCBAALM:

TOTAL NUMBER OF CHANGED MODULES **<nnnnnn>**

Reason:

Program process information showing the number of changed modules detected on the associated load libraries.

Action:

This message is for information only.

APCBAALM:

NUMBER OF ALERTED JOB STEPS <nnnnnn>

Reason:

Number of new alert requests created by the current execution of APCBASMF.

Action:

This message is for information only.

APCBAALM:

NUMBER OF MEASUREMENT ORDERS <nnnnnn>

Reason:

Number of measurement requests prepared for the measurement product and written to the file assigned to DD ADDRQ.

Action:

This message is for information only.

APCBAALM:

NUMBER OF DAY PLAN JOBS <nnnnnn>

Reason:

Number of entries in the day plan input file assigned to DD APCDAY.

Action:

This message is for information only.

APCBAALM:

NUMBER OF MODC ALERT SUPPRESSION <nnnnnn>

Reason:

Number of suppressed alerts for changed modules because the Job Step using the changed module has matched one of the defined alert suppression definitions (PMA Parameter Menu, option AS MODC alert suppression).

Action:

This message is for information only.

APCBACRI Messages

The following messages are generated from module APCBACRI.

APCBACRI:

APCBACRI : ERROR DETECTED : EXIT

Reason:

One of the job names assigned to the Critical Path in member APCBCCRI cannot be found on the job file cluster.

Action:

Verify that PMA has performance information available for all job names defined for the critical path in member APCBCCRI.

APCBACRI:

APCBACRI : ERROR IN LIMITS : EXIT

Reason:

One or more parameter defined in member APCBCCRI are invalid.

Action:

Verify the defined parameter member APCBCCRI.

APCBACRI:

APCBACRI ENDED SUCCESSFUL WITH <nnnn> NEW ALERTS

Reason:

Process end message. <nnnn> shows the number of new alerts created for the defined critical path jobs.

Action:

This message is for information only.

APCBAJCL Messages

The following messages are generated from module APCBAJCL.

APCBAJCL:

TOO MANY STANDARD PROGRAMS (>99)

Reason:

There are more than 99 standard programs defined.

Action:

The remaining programs are discarded.

APCBAJCL:

TOO MANY STANDARD PROCEDURES (>495)

Reason:

There are more than 495 standard procedures defined.

Action:

The remaining procedures are discarded.

APCBAJCL:

INVALID LIBRARY NAME, LIBRARY IGNORED

Reason:

There is an invalid library name.

Action:

The library is skipped.

APCBAJCL:

TOO MANY JOBLIBS (>99)

Reason:

There are more than 99 job libraries defined.

Action:

The remaining job libraries are ignored.

APCBAJCL:

NO JOBLIB DEFINED

Reason:

There is no job library defined. The program terminates.

Action:

Define at least one job library through the product's online dialog.

APCBAJCL:

TOO MANY STANDARD PROC LIBRARIES (>50)

Reason:

There are more than 50 procedure libraries defined.

Action:

The remaining procedures libraries are discarded.

APCBAJCL Warning:

PROGRAM TERMINATES

Reason:

An error condition has occurred which makes it not possible to continue processing.

Action:

Check the messages in front of this message for the error condition and follow the actions described for these messages to solve the problem.

APCBAJCL:

PROGRAM CONTINUES

Reason:

A minor error condition has occurred which allows program process to continue (i. E. maximum number of JCL libraries the program can handle was exceeded, program will continue using only the no. of JCL libraries it can handle).

Action:

Check the messages in front of this message for the error condition and follow the actions described for these messages to solve the problem if necessary.

APCBAJCL Warning:

REST WILL BE IGNORED

Reason:

The maximum allowed number for one or more of the following definitions was exceeded, the exceeded definitions will be ignored:

- Job Libraries
- Standard Programs
- Standard Procedures
- Standard Procedure Libraries

Action:

Check the message(s) in front of this message for exceeded definition limits and follow the actions described for these messages to solve the problem.

APCBAJCL:

REPORT PROGRAM APCBAJCL FROM DATE <yyyy-mm-dd> PAGE <page#>

Reason:

Header line of APCBAJCL process report. <yyyy-mm-dd> indicates the execution date, and <page#> the current report page.

Action:

This message is for information only.

APCBAJCL:

**MSGNO JOBNAME PROCNAME DATAMEMB STEPNAME INFORMATION /
DATALIBRARY**

Reason:

Header line of APCBAJCL process report detail messages.

Action:

This message is for information only.

APCBAJCL:

STATISTIC OF APCBAJCL <yyyy-mm-dd>

Reason:

Header line of APCBAJCL statistic report. <yyyy-mm-dd> indicates the execution date.

Action:

This message is for information only.

APCBAJCL:

NO OF JOBS : <nnnnnn> WITH LINES : <mmmmmm>

Reason:

<nnnnnn> jobs retrieved from the assigned job libraries including <mmmmmm> lines of JCL statements processed by APCBAJCL.

Action:

This message is for information only.

APCBAJCL:

NO OF PROCS : <nnnnnn> WITH LINES : <mmmmmm>

Reason:

<nnnnnn> JCL procs retrieved from the assigned JCL proc libraries including <mmmmmm> lines of JCL statements processed by APCBAJCL.

Action:

This message is for information only.

APCBAJCL:

NO OF DATAS : <nnnnnn> WITH LINES : <mmmmmm>

Reason:

<nnnnnn> data member found in the JCL and procs were dynamically allocated and <mmmmmm> lines of JCL statements were processed from by APCBAJCL.

Action:

This message is for information only.

APCBAJCL:

USED STANDARD PROCEDURES :<nnnnnnnn> USED STANDARD PROGRAMS :<mmmmmmmm>

Reason:

<nnnnnn> Standard Procedure definitions and <mmmmmm> Standard Program definitions were retrieved from the product parameter file and used in the JCL scan process.

Action:

This message is for information only.

APCBAJCL:

NO OF UNRESOLVED NAMES :<nnnnnnnn> NO OF WARNINGS :<mmmmmmmm>

Reason:

<nnnnnnnn> shows the number of failed variable resolutions, and <mmmmmmmm> shows the number of resolution failures resulted from unsupported or unknown JCL constructs.

Action:

This message is for information only. See the APCBAJCL process report for detailed messages. Increase the message level for PMA batch jobs to get more details at the next execution of APCBAJCL (PMA Parameter Menu X1 General Central Component Parameters, MSG level for PMA batch jobs)

APCBAJCL:

NO OF SELECTED PROGRAMS: <nnnnnnnn>

Reason:

<nnnnnnnn> of determined application program to job step references.

Action:

This message is for information only.

APCBAJCL:

END REPORT PROGRAM APCBAJCL : TIME USED <nnnn> SECONDS

Reason:

End message of program process report. <nnnn> is the program execution time in seconds.

Action:

This message is for information only.

APCBAJCL Messages with APCnn Prefix

The following messages are also generated from module APCBAJCL.

These messages have a prefix of APCnn.

APC10

JOBLIB DOES NOT EXIST <jobdsn>

Reason:

The data set <jobdsn> that is in the list of JCL libraries to scan does not exist.

Action:

This message is for information only. The JCL library is skipped for processing. The list of JCL libraries can be defined with PMA option 5 (PMA parameters) and option X6 (Job Libraries). For more information, see the *User Guide*.

APC11

PROCESSED JOBLIB: <libname>

Reason:

The job library <libname> is processed.

Action:

This message is for information only.

APC12

PROLIB DOES NOT EXIST <procdsn>

Reason:

The data set <procdsn> that is in the list of PROC libraries to scan does not exist.

Action:

This message is for information only. The list of PROC libraries can be defined with PMA option 5 (PMA parameters) and option X7 (Procedure Libraries). For more information, see the *User Guide*. The PROC library is skipped for processing.

APC13

DYNALLOC RC: <dynalrc> ERROR: <dynalerr> INFO: <dynalinf> / IO ABENDCODE: <abend> RC: <retc> REASON <reason>

Reason:

An unexpected error occurred during Dynamic Allocation of a data set. The return code is set in variable <dynalrc>, the error code is set in variable <dynalerr>, and the info code is set in variable <dynalinf>. The other variables in the message line have no meaning for this message.

Action:

This message is for information only. Perhaps there is no possible access to the processed JCL library. The list of JCL libraries can be defined with PMA option 5 (PMA parameters) and option X6 (Job Libraries). For more information, see the *User Guide*. The JCL line is skipped for processing.

APC14

DYNALLOC RC: <dynalrc> ERROR: <dynalerr> INFO: <dynalinf> / IO ABENDCODE: <abend> RC: <retc> REASON <reason>

Reason:

An unexpected error occurred during Dynamic Allocation of a data set. The return code is set in variable <dynalrc>, the error code is set in variable <dynalerr>, and the info code is set in variable <dynalinf>. The other variables in the message line have no meaning for this message.

Action:

This message is for information only. Perhaps there is no possible access to the processed PROC library. The list of PROC libraries can be defined with PMA option 5 (PMA parameters) and option X7 (Procedure Libraries). For more information, see the *User Guide*. The PROC library is skipped for processing.

APC15

DYNALLOC RC: <dynalrc> ERROR: <dynalerr> INFO: <dynalinf> / IO ABENDCODE: <abend> RC: <retc> REASON <reason>

Reason:

An unexpected error occurred during Dynamic Allocation of a data set. The return code is set in variable <dynalrc>, the error code is set in variable <dynalerr>, and the info code is set in variable <dynalinf>. In addition, the variables <abend>, <retc>, and <reason> are filled with the appropriate values. This message is only generated during processing of a standard procedure/program when a DD statement is to scan for the needed information.

Action:

This message is for information only. The list of standard procedures can be defined with PMA option 5 (PMA parameters) and option X4 (Standard Procedures). The list of standard programs can be defined with PMA option 5 (PMA parameters) and option X3 (Standard Programs). For more information, see the *User Guide*. The DD statement scan is skipped.

APC17

IO ERROR OCCURED. MEMBER: <membname>

Reason:

An I/O error occurred during the read of member <membname> of a data set that is to be scanned by a DD statement scan.

Action:

This message is for information only. The list of standard procedures can be defined with PMA option 5 (PMA parameters) and option X4 (Standard Procedures). The list of standard programs can be defined with PMA option 5 (PMA parameters) and option X3 (Standard Programs). For more information, see the *User Guide*. The DD statement scan is skipped.

APC18

**IO ERROR OCCURED. MEMBER: <procname>
<procdsn>**

Reason:

An I/O error occurred during the read of member <procname> of the data set <procdsn>.

Action:

This message is for information only. The list of PROC libraries can be defined with PMA option 5 (PMA parameters) and option X7 (Procedure Libraries). For more information, see the *User Guide*. The PROC member is skipped for processing.

APC19

**KSDSJOB ENQ FAILED FOR KEY <key>
C=<rc> <qnam> <rnam>**

Reason:

An error occurred during the ENQ/DEQ of a job file cluster update/write; the cluster is not available for the wanted action. The variable <key> is filled with the key of the record of the job file cluster. The ENQ/DEQ with QNAM <qnam> and RNAM <rnam> has failed with RC <rc>. The JCL step is skipped

Action:

Check the ENQ/DEQ definitions for the job file cluster.

APC20

**<jobname> <procname> <membername> <pstepname> APCDLIB NESTING LEVEL
EXCEEDED
DSN= <datasetname> MEMBER= <membername>**

Reason:

The job <jobname> of the JCL library member that is processed scans the member <membername> and causes a subsequent read of the data set <datasetname>, which loses the previous scanned values and data lines. There is no higher nesting level allowed.

Action:

This message is for information only. The JCL line is skipped for further JCL scan.

APC20

**<jobname> <procname> <membername> <pstepname> APCDLIB NESTING LEVEL EXCEEDED
DSN= <datasetname>**

Reason:

The job <jobname> of the JCL library member that is processed scans the member <membername> and would cause a subsequent read of the sequential data set <datasetname> under the same DD, which loses the previous scanned values and data lines. There is no higher nesting level allowed.

Action:

This message is for information only. The JCL line is skipped for further JCL scan.

APC22

<jobname> <pname> <dnname> NO EXEC IN PROC FOUND

Reason:

The procedure <pname> of job <jobname> has no EXEC statement.

Action:

Check your procedure <pname>.

APC23

<jobname> <pname> <dnname> FOR STD PROCEDURE NO DDNAME FOUND

Reason:

The expected DDNAME of the standard procedure is not found in JCL.

Action:

Check your JCL or the definition of standard procedures.

APC24

<jobname> <procname> PROCEDURE NOT FOUND IN PROCLIB

Reason:

The procedure <procname> of job <jobname> is not found in the library.

Action:

Check your Proc libraries declarations.

APC25

<jobname> <pname> <fname> PROCEDURE STACK OVERFLOW (>80).

Reason:

There are more than 80 procedures called without any return.

Action:

Check your procedure declaration against recursive calls.

APC26

<jobname> <pname> <fname> NO PROCLIB DEFINED

Reason:

There is no procedure library defined.

Action:

Check your procedure libraries declarations.

APC31

Format 1:

**<jobname> <procname> <dataname> DATALIB ACCESS FAILED (NOT FOUND)
DSN=<dsn> MEMBER=<member>**

Reason:

The member <dataname> is not in the library or the library does not exist. The second line provide the detail information for which dataset <dsn> and <member> the access has failed.

Action:

The next step is analyzed.

Format 2:

**<jobname> <procname> <dataname> DATALIB ACCESS FAILED (NOT FOUND)
DSN=<dsn>**

Reason:

The member <dataname> is not in the library or the library does not exist. The second line provide the detail information for which dataset <dsn> the access has failed.

Action:

The next step is analyzed.

APC32

<jobname> <procname> <dataname> KEY- or POSITIONAL PARAMETER NOT FOUND.

Reason:

The predefined keyword or the position is not found in the construction.

Action:

No substitution is done. The next step is analyzed.

APC33

**<jobname> <procname> <membername> <pstepname> BACKWARD REFERENCE NOT
ABLE TO SCAN
DSN=<datasetname>**

Reason:

There is a backward reference of a defined DD statement. The JCL scan process is not able to resolve this reference.

Action:

This message is for information only. The JCL line is skipped for further JCL scan.

APC34

**<jobname> <procname> <membername> <pstepname> UNRESOLVABLE JCLLIB
PROCESSING**

Reason:

The job <jobname> of the JCL library member uses a JCLLIB ORDER statement and the data set name and member name could not be resolved.

Action:

This message is for information only. The JCL line is skipped for further JCL scan.

APC40

<jobname> <pname> <fname> UNEXPECTED JCL CONSTRUCTION

Reason:

An unexpected JCL construction was found during the JCL scan.

Action:

Check the job <jobname> or the procedure <pname>.

APC41

<jobname> <procname> <membername> <pstepname> JOBNAME INVALID

Reason:

The job <jobname> does not follow the rules for a job name. Perhaps a variable is unresolved.

Action:

This message is for information only. The JCL line is skipped for processing.

APC42

<jobname> <pname> <fname> PROGRAM FOUND AS PROC VARIABLES

Reason:

The program in EXEC statement contains an ampersand.

Action:

This message is a warning only.

APC43

<jobname> <pname> <fname>PROCEDURE FOUND AS PROC VARIABLES

Reason:

The procedure in EXEC statement contains an ampersand.

Action:

Warning.

APC44

<jobname> <pname> <fname> DATA FOUND AS PROC VARIABLES.

Reason:

The data name contains an ampersand.

Action:

Warning.

APCBAPRE Messages

The following messages are generated from module APCBAPRE.

APCBAPRE:

ERROR DETECTED: EXIT

Reason

An error through VSAM access is detected.

Action:

Check your measurement clusters (PRO/BPM) or contact your PMA representative.

APCBAPRE:

APCBAPRE ENDED SUCCESSFUL ELAPSED TIME = <nnnn> SECONDS

Reason

Program process end message. <nnnn> is the program execution time in seconds.

Action:

This message is for information only.

APCBAREO Messages

The following messages are generated from module APCBAREO.

APCBAREO:

APCBAREO : ERROR DETECTED : EXIT

Reason:

An error has occurring during the access of one of the used data cluster (KSDSJOB, KSDSALT, KSDSBPM or KSDSPRO).

Action:

Verify that the data clusters are available.

APCBAREO:

APCBAREO : DUPLICATE RECORD EXIT

Reason:

A duplicate job record key has been detected on the job cluster KSDSJOB.

Action:

Run a VSAM Verify job to correct the job cluster. Check your PMA enqueue definitions (level and QNAM, see Installation and Customization guide).

APCBAREO:

APCBAREO: ERROR DURING ENQ/DEQ PROCESSING <stage>

Reason:

An ENQ/DEQ action against the job cluster KSDSJ0B has failed (<stage> indicates action type, 1 = ENQ, 2 = DEQ).

Action:

The program starts a retry process. If ENQ/DEQ still fail at all retries, the process of the current job step record is skipped, and process continues with the next record. The skipped record will be considered at the next execution of APCBAREO. If this message occurs very often then check your PMA enqueue definitions (level and QNAM, see *Installation Guide*). Check the execution time window of APCBAREO, it is not recommended to run this job at times with the most job file cluster access activities.

APCBAREO:

APCBAREO DELETE PROTOCOL FROM <yyyy-mm-dd>

Reason:

Program process detail information header. <yyyy-mm-dd> is the program execution date.

Action:

This message is for information only.

APCBAREO:

LIFETIME BATCH = [assign the value for mm in your book] MONTH

Reason:

[assign the value for mm in your book] is the defined lifetime for batch information in months (PMA parameter Menu, option X1, Delete Job data if older than).

Action:

This message is for information only.

APCBAREO:

JOB : <key> <yyyy-mm-dd>

Reason:

Process information, a job step record with key <key>, last updated on <yyyy-mm-dd>, has been deleted because defined lifetime is exceeded

Action:

This message is for information only.

APCBAREO:

PRO : <key> <yyyy-mm-dd>

Reason:

Process information, a batch measurement data record with key <key>, last updated on <yyyy-mm-dd>, has been deleted because defined lifetime is exceeded

Action:

This message is for information only.

APCBAREO:

ALT : <key> <yyyy-mm-dd> <state>

Reason:

Process information, an alert record with key <key> and alert state <stat>, last updated on <yyyy-mm-dd>, has been deleted because defined lifetime is exceeded

Action:

This message is for information only.

APCBAREO:

NUMBER OF JOB RECORDS INPUT : <nnnnnnnnnnnn>

Reason:

<nnnnnnnnnnnn> records from the job file cluster have been processed and checked for lifetime expiration.

Action:

This message is for information only.

APCBAREO:

NUMBER OF JOB RECORDS DELETED: <nnnnnnnnnnnn>

Reason:

<nnnnnnnnnnnn> records from the job file cluster have been deleted because defined lifetime was exceeded.

Action:

This message is for information only.

APCBAREO:

NUMBER OF PRO RECORDS INPUT :<nnnnnnnnnnnn>

Reason:

<nnnnnnnnnnnn> records from the batch measurement data cluster have been processed and checked for lifetime expiration.

Action:

This message is for information only.

APCBAREO:

NUMBER OF PRO RECORDS DELETED: <nnnnnnnnnnnn>

Reason:

<nnnnnnnnnnnn> records from the batch measurement data cluster have been deleted because defined lifetime was exceeded.

Action:

This message is for information only.

APCBAREO:

NUMBER OF BPM RECORDS REORG :<nnnnnnnnnnnn>

Reason:

<nnnnnnnnnnnn> records from the batch measurement management cluster have been reorganized due to the deletion of batch measurement data records exceeding the defined lifetime.

Action:

This message is for information only.

APCBAREO:

NUMBER OF BPM RECORDS DELETED: <nnnnnnnnnnnn>

Reason:

<nnnnnnnnnnnn> records from the batch measurement management cluster have been deleted because defined lifetime was exceeded.

Action:

This message is for information only.

APCBASMF Messages

The following messages are generated from module APCBASMF.

APCBASMF:

WRITE ERROR ON SMF#30 RECORDS: EXIT

Reason

An error was detected during a sequential write.

Action

Check the data set definition or contact your PMA representative.

APCBASMF:

INPUT-REC = <iiiiiiii> EXCLUDED-REC = <eeeeeeeeee> OUTPUT-REC = <oooooooooooo>

Reason

Program process information:<iiiiiiii> job step records were retrieved from input file, <eeeeeeeeee> job step records were excluded because job/step/program didn't meet the defined PMA scope, and <oooooooooooo> records were written to the output file.

Action

This message is for information only.

APCBASMF:

APCBASMF ENDED SUCCESSFUL ELASPED TIME = <nnnn> SECONDS

Reason

Program process end message. <nnnn> is the program execution time in seconds.

Action

This message is for information only.

APCBATAB Messages

The following messages are generated from module APCBATAB.

APCBATAB:

ERROR DETECTED: EXIT

Reason

An error was detected through VSAM access.

Action

Check your job file cluster or contact your PMA representative.

APCXACAL Messages

The following messages are generated from module APCXACAL.

APCXACAL:

ERROR ON JOB FILE: EXIT

Reason

The access to the job file cluster failed.

Action

Check the job file cluster or set up a reorganization with APCBJREO .

APCXACAL:

ERROR ON ALERT FILE ACCESS: SKIPPED

Reason

The access to the alertfile cluster failed.

Action

Check the alertfile cluster or set up a reorganization with APCBJREO .

APCXACAL:

GLOBAL ALERT: SOME ALERTS SUPPRESSED

Reason

When processing a high load, only five alerts in sequence are created.

Action

This message is for information only.

APCXACAL:

ERROR ON FOLLOWING INPUT RECORD:

Reason

The SMF #30 input record has a non-numerical date.

Action

The record is printed in APCREP and discarded.

APCXACAL WARNING

INVALID MD PARM - DEFAULT VALUES USED

Reason

The GM parameter is not set correctly. Defaults are used.

Action

The message is for information only.

APCXACAL

MORE THAN 25 ALERT THRESHOLDS FOUND**Reason**

The internal table for alert thresholds has space for only 25 entries, but there are more than 25 entries of parameter TA defined in the parms file.

The Alert Thresholds can be defined with PMA option 5 (PMA parameters) and option TA (Alert Thresholds). For more information, see the User Guide.

Action

The message is for information only. Processing continues with the first 25 entries.

APCXACAL

ERROR DURING JOF WRITE/UPDATE FOR <key>**Reason**

The write or update to the job file cluster failed; <key> is the key of record on job file cluster.

Action

This message is for information only. The SMF #30 input record is discarded.

APCXACAL

PARAMETER ERROR IN APCXAPX1 - CONTACT PMA SUPPORT**Reason**

The calculation of the performance indexes failed. Processing is stopped.

Action

Contact PMA support.

APCXACAL

ERROR DURING ENQ/DEQ PROCESSING**Reason**

During the ENQ/DEQ of a job file cluster update/write, an error occurred and the cluster is not available for the wanted action. Processing is stopped.

Action

Check the ENQ/DEQ definitions for the job file cluster.

APCXACAL

APCXACAL BATCH JOB STEP STATISTIC

FROM DATE <yyyy-mm-dd>

Reason

Start of APCXACAL execution statistics. <yyyy-mm-dd> is the date APCXACAL was executed.

Action

This message is for information only.

APCXACAL

NO OF MEASURED STEPS <nnnnnnnn> DOUBLE INPUT STEPS <mmmmmmmm>

Reason

APCXACAL process statistic. <nnnnnnnn> is the number of retrieved job step records and <mmmmmmmm> is the number of job steps detected as duplicate input (these job step information have already been processed in a previous execution of APCXACAL or have been processed thru PMA Server SMF recording).

Action

This message is for information only.

APCXACAL

NO OF NON ALERTED STEPS <nnnnnnnn> MULTIPLE ALERTS/SESSION <mmmmmmmm>

Reason

APCXACAL process statistic. <nnnnnnnn> is the number of job steps a new PEND alert was not created for because an overload situation (a elapsed time runaway was detected for processed job step) was detected. <mmmmmmmm> is the number of alerts suppressed for job steps for which a PEND alert entry has already been created.

Action

This message is for information only.

APCXACAL

NO OF NEW JOBFILE ENTRIES <nnnnnnnn> UPDATED JOBFILE ENTRIES <mmmmmmmm>

Reason

APCXACAL process statistic. <nnnnnnnn> is the number of new job step information added as new records to the JOB cluster, <mmmmmmmm> is the number of job step information added to the history table of existing job step records.

Action

This message is for information only.

APCXACAL

NO OF NEW ALERTED STEPS <nnnnnnnn> PENDING ALERTED STEPS <mmmmmmmm>

Reason

APCXACAL process statistic. <nnnnnnnn> is the number of job steps a new PEND alert was created for, and <mmmmmmmm> is the number of job steps a PEND alert exists (including new and existing/updated PEND alerts).

Action

This message is for information only.

APCXACAL

NO OF ERRONEOUS IN-STEPs <nnnnnnnn> CCODE SUPPRESSED STEPs <mmmmmmmm>

Reason

APCXACAL process statistic. <nnnnnnnn> is the number of skipped erroneous job step input records (incomplete/invalid records), <mmmmmmmm> is the number of job steps which were skipped because the return code was higher than the defined limit (see parameter RC on the PMA parameter file).

Action

This message is for information only.

APCXACAL

APCXACAL ENDED SUCCESSFUL ELAPSED TIME <nnnnn> SEC

Reason

Program process end message. <nnnnn> is the program execution time in seconds.

Action

This message is for information only.

APCXACAL

APCXACAL PARAMETERS : COLLECTION DAYS = <ddd>

Reason

<ddd> is the defined number of job step executions <ptt> must collect performance data for before the job step is eligible for runaway alert checks (<ptt> Parameter Menu, option X1, No. days <ptt> shall collect job step stats before doing alerts).

Action

This message is for information only.

APCXACAL

APCXACAL BATCH ALERT LIST FROM DATE <yyyy-mm-dd> / <hh:mm>

Reason

New created alert information header. The header is followed by a list of alert information (job step name, alert reason) created by APCXACAL from the execution on <yyyy-mm-dd> <hh:mm>.

Action

This message is for information only.

APCXACAL

IMPORTANCE THRESHOLD : <nnn>

Reason

Displays the Importance value a Job Step must exceed to be eligible for runaway alert checks.

Action

This message is for information only.

APCXACAL

IMPORTANCE TOP RANGE : <nnnnn>

Reason

Displays the current defined and used Importance Top Range value.

Reason

This message is for information only.

APCXACAL Messages with No Program Name Prefix

APCXACAL messages with no program name prefix

The following messages are also generated from module APCXACAL.

These messages are not prefixed with the program name.

JOB <jobname> : RUNAWAY BY <reason> DETECTED, BUT ALERT SUPPRESSED BY <scope> SCOPE!*

Reason:

The job <jobname> is in a runaway state, but the alert is suppressed.

The following values are possible for <reason>:

SRVU	Service units
ELPS	Elapsed time
SUIO	Service units per I/O
ELIO	Elapsed time per I/O
CPIO	CPU per I/O
THRE	Threshold values exceeded

The following values are possible for <scope>:

MEAS.	No measurements allowed for <jobname>
PMA	No PMA handling allowed for <jobname>

Action:

This message is for information only. The scope of work can be defined with PMA option 5 (PMA parameters) and option X2 (Scope of Work). For more information, see the *PMA User Guide*.

**JOB <jobname> : RUNAWAY BY <reason> DETECTED, BUT ALERT SUPPRESSED BY
MINIMUM THRESHOLDS!***

Reason:

The job <jobname> is in a runaway state, but the alert is suppressed because the consumption values do not exceed the defined Minimum Thresholds.

The following values are possible for <reason>:

SRVU	Service units
ELPS	Elapsed time
SUIO	Service units per I/O
ELIO	Elapsed time per I/O
CPIO	CPU per I/O
THRE	Threshold values exceeded

Action:

This message is for information only. The Minimum Thresholds can be defined with PMA option 5 (PMA parameters) and option TM (Minimum Thresholds). For more information, see the *PMA User Guide*.

MSO SRVU RESET ACTIVE

Reason:

The MSO service units are set to zero and the total service units is built new by the sum of the other service unit values. The reason for the reset is the use of the SU parameter in the parms file.

Action:

This message is for information only.

SRVU ADJUSTMENT ACTIVE (FACTOR <div>)

Reason:

The service unit values are divided by the divisor <div>. <div> can have a value of 100 or 1000. It is set by the use of the FC parameter in the parms file.

Action:

This message is for information only.

APCXALMO Messages

The following messages are generated from module APCXALMO.

APCXALMO:

```
STATISTICS LOAD LIBRARY : <loadlib>
** NO ENTRY OF LIBRARY CHANGED OR NEW **
[** CORRESPONDING SUBTASK WITH ERRORS **]
```

Reason:

There was no changed module or new module found in the load library <loadlib>. If the third message line shows up, than an error accessing the library or processing load modules from this library has occurred.

Action:

This message is for information only as long as the third line doesn't show up. If the third line is displayed, check your load library if it contains elements and if there are no security restrictions preventing APCXALMO to process the library.

APCXALMO:

```
STATISTICS LOAD LIBRARY : <loadlib>
** ALLOCATION IN ERROR OF LOAD LIBRARY **
```

Reason:

The load library <loadlib> could not be allocated.

Action:

Check the existence of the load library <loadlib>. The list of load libraries can be defined with PMA option 5 (PMA parameters) and option X5 (Load Module Libraries). For more information, see the *PMA User Guide*.

APCXALMO:

TOO MANY LOAD LIBRARIES (>256)

Reason:

There are more than 256 load libraries defined in the list of load libraries. The list of load libraries can be defined with PMA option 5 (PMA parameters) and option X5 (Load Module Libraries). For more information, see the *PMA User Guide*. The program run has stopped further processing.

Action:

Ensure that no more than 256 entries exist in the list of load libraries.

APCXALMO:

NO LOAD LIBRARY FOUND

Reason:

There are no load libraries defined. The list of load libraries can be defined with PMA option 5 (PMA parameters) and option X5 (Load Module Libraries). For more information, see the *PMA User Guide*. The program run has stopped further processing.

Action:

Ensure that there are entries in the list of load libraries.

APCXALMO:

VSAM ACCESS IN ERROR

Reason:

The access to the PMA load module cluster (KSDSLMO) ends with an error. The program run has stopped further processing.

Action:

Check the PMA load module cluster. If you need further help, contact your PMA representative.

APCXALMO:

BUFFER NOT BIG ENOUGH

Reason:

The buffer for the internal table that is to fill with all entries of the load module cluster (KSDSLMO) is not big enough. The buffer size depends on the PMA parameter SS (Storage Size) that is defined in the PMA file APCPARMS. It can have the values S, M, L or X (small, medium, large or extra large). The program run has stopped further processing.

Action:

See the *Installation Guide* for information about defining this parameter. If X is already set for parameter SS, contact your PMA representative.

APCXALMO:

*** APCXALMO PARAMETERS :**

*** - NO OF LOAD LIBRARIES = <nnn>**

Reason:

APCXALMO process parameter information:<nnn> load libraries to scan for changed modules

Action:

This message is for information only.

APCXALMO:

*** APCXALMO PARAMETERS :**

- SPEED OF ANALYSIS = <STANDARD/QUICK>

Reason:

APCXALMO process parameter information:analyse method selected:
STANDARD: all load module on the assigned load libraries are scanned for the link date
QUICK: only new modules on the assigned load libraries are scanned

Action:

This message is for information only.

APCXALMO:

*** APCXALMO PARAMETERS :**
BUFFFER REQUEST SIZE = <SMALL/MEDIUM/LARGE/XLARGE>

Reason:

APCXALMO process parameter information: shows the defined size for the internal table buffer that is to fill with all entries of the load module cluster (KSDSLMO). The buffer size depends on the PMA parameter SS (Storage Size) that is defined in the PMA file APCPARMS. It can have the values S, M, L or X (small, medium, large or extra large).

Action:

This message is for information only.

APCXALMO:

*** CONTENT OF LMOD KSDS :**
*** - NUMBER OF LIBRARIES = <nnnn>**

Reason:

The current content of the changed load module information cluster KSDSLMO is based on the results of the scan of <nnnn> load libraries.

Action:

This message is for information only.

APCXALMO:

*** CONTENT OF LMOD KSDS :**
*** - NUMBER OF MODULES = <nnnnnn>**

Reason:

There are <nnnnnn> load module information actually available on the load module information cluster KSDSLMO.

Action:

This message is for information only.

APCXALMO:

APCXALMO LOAD MODULE ANALYSIS FROM <yyyy-mm-dd> AT <hh:mm>

Reason:

Program process information header, indicating the start date <yyyy-mm-dd> and start time <hh:mm> of the load module scan process.

Action:

This message is for information only.

APCXALMO:

APCXALMO LOAD LIBRARIES STATISTICS FROM <yyyy-mm-dd> AT <hh:mm>

Reason:

Program process statistic header, indicating the start date <yyyy-mm-dd> and start time <hh:mm> of the load module scan process.

Action:

This message is for information only.

APCXALMO:

NO OF ALLOCATION ERRORS = <nnn>

Reason:

Program process information, indicating the <nnn> times of errors allocating assigned load libraries.

Action:

This message is for information only. Check further load library information messages for allocation error messages, if <nnn> is > 0.

APCXALMO:

NO OF SUBTASK ERRORS = <nnn>

Reason:

Program process information, indicating the <nnn> times of scan subtask errors.

Action:

This message is for information only. Check further scan subtask information messages for error messages, if <nnn> is > 0.

APCXALMO:

APCXALMO ENDED SUCCESSFUL ELAPSED TIME <nnnnn> SEC

Reason:

Program process end message. <nnnnn> is the program execution time in seconds.

Action:

This message is for information only.

APCXALMO:

LOAD LIBRARY	STATE	TOTAL	CHANGED	INSERTED
<loadlib>	<state>	<total>	<changed>	<inserted>

Reason:

Global load library process information. For every processed load library the following information is presented:

- <loadlib> load library ds name
- <state> load library status:
 - NEW: load library has not been processed before by PMA
 - OLD: load library which has been processed in previous runs of APCXALMO
 - ERR: load library empty or not a load library or can't be accessed
- <changed> number of load modules in this load lib detected as changed
- <inserted> number of new load modules in this load lib (first time scanned by PMA)

Action:

This message is for information only.

APCXALMO

LOAD LIBRARY	STATE	TOTAL	CHANGED	INSERTED
TOTAL OF <nnn> LIBRARIES		<total>	<changed>	<inserted>

Reason:

Load library process information totals. The following information is presented:

- <nnn> number of process load libraries
- <changed> number of load modules in total detected as changed
- <inserted> number of new load modules in total (first time scanned by PMA)

Action:

This message is for information only.

APCXALMO:

STATISTICS LOAD LIBRARY : <loadlib>

Reason:

Header of detail module information report for modules scanned on library <loadlib>

Action:

This message is for information only.

APCXALMO:

LOAD MOD	ACTION	OLD LINKDATE	NEW LINKDATE
<module>	<action>	<olddate>	<newdate>

Reason:

Load module scan detail information:

- <module> load module name
- <action> process action for this module on the load module information cluster KSDSLMO:
 - INSERTED: new load module infos inserted
 - UPDATED: existing load module infos updated with new link date
 - CHANGED: module is marked as changed on KSDSLMO
 - DISCARDED: link date of new scanned module is older than last stored link date on KSDSLMO
 - REJECTED: module has an erroneous linkdate

- <olddate> previous link date of this module on the load module cluster KSDSLMO
- <newdate> new link date of this module saved on the load module cluster KSDSLMO

Action:

This message is for information only.

APCXAREO Messages

The following messages are generated from module APCXAREO.

APCXAREO:

ERROR DETECTED: EXIT

Reason

An error through VSAM access is detected.

Action

Check your job file or alertcluster or contact your PMA representative.

APCXAREO:

APCXAREO DELETE PROTOCOL FROM <yyyy-mm-dd>

Reason

Process information header, indicating date of execution <yyyy-mm-dd>.

Action

This message is for information only.

APCXAREO:

LIFETIME BATCH = <bb> CICS = <cc> IMS = <ii> MONTH

Reason

Shows the defined life times for Batch (<bb>), CICS (<cc>) and IMS (<ii>) data, in months.

Action

This message is for information only.

APCXAREO:

REPRO JOBSTEPS = <rrrrrrrr> DELETED JOBSTEPS = <ddddddddd>

Reason

Process information. <rrrrrrrr> batch job step records were processed, and <ddddddddd> job step records have been deleted because they have exceeded the defined lifetime.

Action

This message is for information only.

APCXAREO:

DELETED ALERTS = <aaaaaaaa> DELETED PROFILES = <aaaaaaaa>

Reason

Process information. <aaaaaaaa> alert records and <aaaaaaaa> measurement data records have been deleted because they have exceeded the defined lifetime.

Action

This message is for information only.

APCXAREO:

DEL IMS ALERTS = <iiiiiiii> DEL CICS ALERTS = <cccccccc>

Reason

Process information. <iiiiiiii> IMS measurement data records and <cccccccc> CICS measurement data records have been deleted because they have exceeded the defined lifetime.

Action

This message is for information only.

APCXAREO:

JOB : <key> <yyyy-mm-dd>

Reason

Job step record delete detail information: the job step record with key <key> was deleted because the last date <yyyy-mm-dd> the record was updated is now out of the range of the defined life time.

Action

This message is for information only.

APCXAREO:

PRO : <key> <yyyy-mm-dd>

Reason

Batch measurement data record delete detail information: the batch measurement data record with key <key> was deleted because the last date <yyyy-mm-dd> the record was updated is now out of the range of the defined life time.

Action

This message is for information only.

APCXAREO:

ALT : <key> <yyyy-mm-dd> <state>

Reason

Alert record delete detail information: the alert record with key <key> and alert state <state> was deleted because the last date <yyyy-mm-dd> the record was updated is now out of the range of the defined life time.

Action

This message is for information only.

APCXAREO:

JOB : <key> <yyyy-mm-dd>

Reason

Job step record delete detail information: the job step record with key <key> was deleted because the last date <yyyy-mm-dd> the record was updated is now out of the range of the defined lifetime.

Action

This message is for information only.

APCXAREO:

CICS : <key> <yyyy-mm-dd>

Reason

CICS measurement data record delete detail information: the CICS measurement data record with key <key> was deleted because the last date <yyyy-mm-dd> the record was updated is now out of the range of the defined lifetime.

Action

This message is for information only.

APCXAREO:

IMS : <key> <yyyy-mm-dd>

Reason

IMS measurement data record delete detail information: the IMS measurement data record with key <key> was deleted because the last date <yyyy-mm-dd> the record was updated is now out of the range of the defined lifetime.

Action

This message is for information only.

APCXAREO:

APCXAREO ENDED SUCCESSFUL ELAPSED TIME <nnnnn> SEC

Reason

Program process end message. <nnnnn> is the program execution time in seconds.

Action

This message is for information only.

APCXATAB Messages

The following messages are generated from module APCXATAB.

APCXATAB:

ERROR DETECTED: EXIT

Reason:

An error was detected through VSAM access.

Action

Check your CICS or IMS cluster or contact your PMA representatives.

Chapter 2: APCYALST and APCYANAR Messages

There are two types of messages issued by these jobs; global and measurement specific.

This section contains the following topics:

[Global Messages](#) (see page 53)

[Measurement Specific Messages](#) (see page 59)

Global Messages

PMA DYNALLOC RC: <dynalrc> ERROR: <dynalerr> INFO: <dynalinf>
LIST DATA SET IN USE
DDNAME: <ddname> DATASETNAME: <dsn>

Reason:

An unexpected error occurred during dynamic allocation of a data set. The return code is set in variable <dynalrc>, the error code is set in variable <dynalerr>, and the info code is set in variable <dynalinf>. The second message line is generated only if the <dynalrc> indicates that the data set to process is in use. The variable <ddname> is the DD name the data set is allocated to and <dsn> is the data set name.

Action:

There might not be access to the data set <dsn> because of missing read access authority.

APCYALST:

TOO MANY DECLARED REGIONS (>100)

Reason:

The limit of online regions to process is 100, but there are more than 100 declared regions with the JOBNAME keyword in the APCJCIC or APCJIMS file.

Action:

Reduce the number of declared regions by deleting region orders that are not used in these files.

APCYALST:

TOO MANY PROCESSABLE LIST DS (>1000)

Reason:

There are more than 1000 CA MAT list data sets to process. The additional available list data sets will be ignored for this job run.

Action:

This message is for information only.

APCYALST:

WARNING: TOO MANY <online> LIST DATA SETS PER DAY (>100)

Reason:

The limit of online regions to process is 100, but there are more than 100 list data sets available for processing in one day. The variable <online> can have the values CICS or IMS.

Action:

Contact your PMA representative.

MORE THAN 100 THRESHOLDS FOUND

Reason:

There are more than 100 threshold definitions in the PMA parameter file.

Action:

This message is for information only. The list of thresholds can be defined with PMA option 5 (PMA parameters) and option TH (Thresholds).

For more information, see the *PMA User Guide*. The additional defined thresholds will be ignored for further processing.

THE PMA PREFIX FOR CA MAT LISTFILES DO NOT MATCH ANY EXISTING DATA SET NAME.

Reason:

There are no measurement data sets.

Action:

Check your prefix and the corresponding entries.

THERE IS NO PREFIX FOR CA MAT LISTFILES, PLEASE ENTER THE PREFIX THROUGH PMA DIALOG

Reason:

The high-level qualifier (HLQ) for the data set names of the list data sets to process is not defined in the PMA global parameters. The global parameters can be defined with PMA option 5 (PMA parameters) and option G1 (Measurement DS Processing). For more information, see the *PMA User Guide*.

Action:

Further processing is stopped. Define the needed parameters and rerun the job.

THIS IS NOT A CA MAT LIST DATA SET: <name>

Reason:

The data set <name> is not a Performance Management Assistant list data set.

Action:

Check the defined data set name.

APCYALST:

APCYALST : INITIALIZE MEAS. LISTFILES DATE <yyyy-mm-dd> <hh:mm>

Reason:

Start of first part of processing measurement list datasets on <yyyy-mm-dd> at <hh:mm>.

Action:

This message is for information only.

APCYALST:

APCYALST : START OF JOB GENERATION

Reason:

Process information header, indication that measurement list dataset collection has been finished and scan jobs will be prepared for further execution.

Action:

This message is for information only.

APCYALST:

>>> JOB GENERATED TYPE = <type> JOB# = <jjj> MEMBER# = <mmm>

Reason:

Info about a generated and submitted job with will process <type> measurement listings, where <type> is BATCH, CICS or IMS. <jjj> indicates the sequence number of the generated job, and <mmm> indicates the number measurement listings which will be processed with this job.

Action:

This message is for information only.

APCYALST:

APCYALST : ENDED SUCCESSFULLY <nnn> JOBS GENERATED SECONDS <sss>

Reason:

Process end message, indicating that <nnn> job to scan measurement listings have been generated and submitted. <sss> shows the duration time of APCYALST.

Action:

This message is for information only.

APCYANAR:

CLUSTER RRDSCPP: <action> FOR UPDATE OPERATION HAS FAILED WITH RC <rc>, SPACE LIMITS WERE PROBABLY REACHED OR EXCEEDED.

Reason:

Access to CICS measurement data cluster RRDSCPP has failed with RC <rc> during an <action> (READ or WRITE) operation. Processing has stopped.

Action:

Check if the space limits of the RRDSCPP cluster have been reached. Increase the space parameter in member DEDEF CPP on your PMA-JCL-Library and use the job APCCJRDR to redefine the RRDSCPP cluster with the enhanced space definitions (make sure that you choose the right SET options to only rebuild the RRDSCPP cluster).

APCYANAR:

REPORT PROGRAM APCYANAR <yyyy-mm-dd> PAGE <page#>

Reason:

Header of program process informations indicating the execution date <yyyy-mm-dd> and information page number <page#>.

Action:

This message is for information only.

APCYANAR:

APCYANAR TOTAL STATISTIC FROM DATE <yyyy-mm-dd>

Reason:

Header of program process statistics indicating the execution date <yyyy-mm-dd>.

Action:

This message is for information only.

APCYANAR:

BATCH PROFILES HANDLED <bbbb>

Reason:

Measurement dataset process statistic. <bbbb> is the number of batch measurement listings which have been processed with this execution of APCYANAR.

Action:

This message is for information only.

APCYANAR:

CICS PROFILES HANDLED <cccc>

Reason:

Measurement dataset process statistic. <cccc> is the number of CICS measurement listings which have been processed with this execution of APCYANAR.

Action:

This message is for information only.

APCYANAR:

IMS PROFILES HANDLED <iiii>

Reason:

Measurement dataset process statistic. <iiii> is the number of IMS measurement listings which have been processed with this execution of APCYANAR.

Action:

This message is for information only.

APCYANAR:

ERROR PROFILES HANDLED <eeee>

Reason:

Measurement dataset process statistic. <eeee> is the number of measurement listings which have skipped for further processing because an error event was detected.

Action:

This message is for information only. See the ERROR/EVENT informations of the processed measurements for more details.

APCYANAR:

TOTAL PROFILES HANDLED <ttt>

Reason:

Measurement dataset process statistic. <ttt> is the total number of measurement listings which have been processed with this execution of APCYANAR.

Action:

This message is for information only.

APCYANAR:

APCYANAR ENDED SUCCESSFUL **USED TIME <ssss> SEC**

Reason:

Process end message. <ssss> shows the duration time of APCYANAR.

Action:

This message is for information only.

APCYANAR:

APCYANAR ENDED SUCCESSFUL

USED TIME <ssss> SEC

Reason:

Process end message. <ssss> shows the duration time of APCYANAR.

Action:

This message is for information only.

Measurement Specific Messages

The following messages are measurement specific. The name of the measured job name is in front of the message.

jobname:

DELETE FROM ALERT FILE FAILED

Reason

The delete of a record of the KSDSALT cluster failed.

Action

Check your alert cluster or contact your PMA representatives.

jobname:

IMPROPER MEASUREMENT (FEWER 120 LINES)

Reason

The current measurement has fewer than 120 lines in total.

Action

The measurement is discarded. Check your parameters.

jobname:

LOGICAL VSAM ERROR OCCURED IN CICS POOL

Reason

There is a logical VSAM error on CICS RRDS-Cluster.

Action

Check the RRDS-Cluster or contact your PMA representatives.

jobname:

LOGICAL VSAM ERROR OCCURED IN IMS POOL

Reason

There is a logical VSAM error on IMS RRDS-Cluster.

Action

Check the RRDS-Cluster or contact your PMA representatives.

jobname:

NO CICS PROCESSING. EXCEEDS 100 MEASUREMENTS

Reason

There are more than 100 CICS measurements to process.

Action

Reduce the measurements or contact your PMA representatives.

jobname:

NO IMS PROCESSING. EXCEEDS 100 MEASUREMENTS

Reason

There are more than 100 IMS measurements to process.

Action

Reduce the measurements or contact your PMA representatives.

jobname:

NO JOB STATISTICS FOUND

Reason

- 1) This job is probably not in the PMA Scope of work. For example, a sample data set was input to PMA but NOT initiated by PMA.
- 2) A user alert was issued for a job that is not in the PMA Scope of work.

Action

This message is for information only.

jobname:

NOT ALL MANDATORY VALUES FOUND

Reason

An error occurred during the scan of all mandatory fields in the overview chapter of the listdata set.

Action

Contact your PMA representatives.

jobname:

UPDATE IN ALERT FILE FAILED

Reason

The update of the alertfile failed.

Action

Check your alertcluster or contact your PMA representatives.

jobname:

UPDATE TO ALERT FILE FAILED

Reason

The update to the KSDSALT cluster failed.

Action

Check your alertcluster or contact your PMA representatives.

APCYALST:

JOB: <jobname> <step> <proc> FROM <yyyy-mm-dd> <hh:mm> REJECTED BY DATE

Reason

Measurement of job/region <jobname> <step> <proc> from <yyyy-mm-dd> <hh:mm> was rejected from the further scan process because a measurement of this job/region with the same start date and time was already processed.

Action

This message is for information only.

APCYALST:

JOB: <jobname> <step> <proc> FROM <yyyy-mm-dd> <hh:mm> COLLECTED

Reason

Measurement of job/region <jobname> <step> <proc> from <yyyy-mm-dd> <hh:mm> has been collected for further scan process.

Action

This message is for information only.

APCYANAR:

ERROR/EVENT : <event> SDS : <monitor-dsn>

Reason

Measurement dataset process information. Created for every processed dataset. <event> shows the process status, <monitor-dsn> is the data set name of corresponding monitor data set. <event> can have the following status value:

NONE - NO ERROR DETECTED: MEASUREMENT STORED

ABEND - JOB STEP ABNORMALLY ENDED: MEASUREMENT STORED

CIMP - ALERT CLOSED BY STATISTIC

DATE - MEASUREMENT ALREADY STORED

NALT - NO PENDING ALERT: MEASUREMENT NOT STORED

PROF - MEASUREMENT INCOMPLETE, NOT STORED

SCAN - SCAN ERROR DETECTED: MEASUREMENT NOT STORED

THRE - ALERT CLOSED BY THRESHOLDS

***TOP5* - ALERT CLOSED BY TOP 5**

***NACT* - CICS/IMS MEASUREMENT WITHOUT ACTIVITY: MEASUREMENT SKIPPED**

***UNDEF* - FILE IS NOT A MEASUREMENT LIST**

Action:

<event> = NONE: normal processing, no action required

<event> = ABEND: measured job/region has abended, measurement result might be incomplete and was skipped for further processing

<event> = *CIMP*: normal processing, related alert entry was closed by importance according to the low consumption values in the measurement, measurement result was not saved in PMA.

<event> = *DATE*: normal processing, measurement list has been skipped because it has already been processed in a previous run

<event> = *NALT*: normal processing, measurement list of a batch measurement has been skipped because no according PEND alert entry has been found and parameter Aut.storage of meas. in PMA was set to N (PMA Parameter Menu, option G1).

<event> = *PROF*: Incomplete measurement skipped. Check the corresponding monitor dataset if for problems occurred during measurement, if no problems can be determined please contact your product support.

<event> = *SCAN*: An unsupported content was detected in the measurement list. Please contact your product support.

<event> = *THRE*: normal processing, related alert entry was closed because the consumption values in the measurement were below the defined thresholds, measurement result was not saved in PMA.

<event> = *TOP5*: normal processing. Measurement listing of a batch measurement was skipped because the job step which has been measured is no longer in the Top Scope range. Measurement results are not saved in PMA.

<event> = *NACT*: normal processing. Measurement listing of a CICS/IMS measurements was skipped because the retrieved consumption values were zero (no activity in the measured regions).

<event> = *UNDEF*: normal processing. The processed file has the same prefix as defined for measurement list files, but content indicates that it is not a measurement list file.

APCYANAR:

SUBSYSTEM : <system> DATE : <yyyy-mm-dd> TIME : <hh:mm>

Reason

Measurement dataset process information. Created for every processed dataset. <system> indicated the type of measurement (BATCH/CICS/IMS), <yyyy-mm-dd> is the date the measurement was taken, and <hh:mm> is the measurement start time.

Action

This message is for information only.

APCYANAR:

JOB NAME : <job/region> STEP : <step.proc> PRNT : <prnt>

Reason

Measurement dataset process information. Created for every processed dataset. <job/region> shows the job or region name which has been measured, <step.proc> are additional identification informations (the step within the job which has been measured), and <prnt> indicates if the measurement listing has been "printed" to the joblog, according to the defined parameter Print measurements automatically (PMA Parameter Menu, option G1).

Action

This message is for information only.

APCYANAR:

ELAPSED TIME : <nnnnn> SECONDS : DELETED = <d> <TOP5 : Y>

Reason

Measurement dataset process information. Created for every processed dataset. <nnnnn> shows the scan process time, <d> shows the setting for parameter Delete PMA processed meas. Ds (PMA Parameter Menu, option G1) and <TOP5: Y> indicates if parameter use TOP Scope was set to yes (PMA Parameter Menu, option X1).

Action

This message is for information only.

Chapter 3: Batch Measurement Scan Messages

The following messages are generated from module APCJASCN.

APCJASCN:

ERROR ON PROFILE CLUSTER

Reason:

An error through VSAM access is detected.

Action:

Check your measurement cluster (PRO) or contact your PMA representative.

APCJASCN:

ERROR ON BPM CLUSTER

Reason:

An error through VSAM access is detected.

Action:

Check your measurement cluster (BPM) or contact your PMA representatives.

APCJASCN:

REPORT DATASET TOO BIG

Reason:

There are too many lines to store a measurement list data set.

Action:

Contact your PMA representative.

Chapter 4: CICS and IMS Measurement Scan Messages

The APCGASCI, APCGASCO, and APCGASCN programs generate the following messages.

APCDE01:

PMA Report Erroneous Done

Reason:

An error occurred during the scan of all mandatory fields in the overview chapter of the Performance Management Assistant list data set.

Action:

Contact your PMA representative.

APCDE02:

ERROR GOTTFEN ON INPUT LINE CHAPTER=#xxx LINE=nnnnn

Reason:

During the analysis of the narrow list in chapter #xxx on line nnnn, an error was detected (wrong format).

Action:

The line is printed and discarded.

APCDE03:

NO ORDER EXTRACTED: PGM TERMINATES

Reason:

There is no valid order to execute.

Action:

Check your system definitions.

APCDE04:

SHORTAGE ON MAIN STORAGE: PGM TERM.

Reason:

The ordered main buffer is not big enough. Set up the parameter SS in the parameter file. The following SS values are allowed: SSS / SSM / SSL and SSX, where SSX is the highest value for buffer ordering.

Action:

Increase the storage size by setting the PMA parameter SS with a higher value. If size X is already set, you can increase the storage size by adding the amount of storage to allocate in MB following the X (for example, parameter SSX12 allocates 12 MB storage). For more information about setting the PMA parameters, see the *Installation Guide*. The buffer is ordered from the area above 16 MB.

APCDE05:

I/O ERROR ON VSAM ACCESS: PGM TERM.

Reason:

An error was detected through VSAM access.

Action:

Check your clusters or contact your PMA representative.

APCDE06:

NO FREE SUBSYSTEM ID: PGM TERM.

Reason:

There is no free internal subsystem id (0,...,255).

Action:

Check your system declarations or contact your PMA representative.

APCDE07:

TOO MANY ORDERS GENERATED: PGM TERM.

Reason:

There are more than 255 orders from the incoming measurement data sets and the corresponding system declarations generated.

Action:

Check your system declarations or reduce the measurement data sets.

APCDE09:

PARAMETER FILE EXCLUS.IN USE: EXIT

Reason:

The parameter file is exclusively in use.

Action:

Try again later.

APCDE10:

RECORD TYPE "A" IN ERROR: SKIPPED

Reason:

There is an incomplete record type A found; that is, a former run of APCXANAR was cancelled or in error.

Action:

The detected record with all its appendices are deleted and the new record A is stored.

APCDE20:

POOL QUEUE OF #PSU IN ERROR: EXIT

Reason:

The pool queue of report chapter #PSU is destroyed.

Action:

Contact your PMA representative.

APCDE23:

INCOMPLETE MEASUREMENT EXCLUDED: <jobname>

Reason:

The measurement is incomplete and has been excluded.

Action:

This message occurs only with one of the following messages, APCDE23M, APCDE23P, or APCDE23C. Refer to the corresponding action for these messages.

APCDE23C:

NO TRANSACTION ENTRY FOUND

Reason:

The measurement is incomplete and has been excluded.

Action:

Check the CA MAT parameters.

APCDE23M:

MEASUREMENT SESSION DATA INCOMPLETE

Reason:

The measurement is incomplete and has been excluded.

Action:

Verify the Performance Management Assistant version.

APCDE23P:

NO PROGRAM ENTRY FOUND

Reason:

The measurement is incomplete and has been excluded.

Action:

Check the Performance Management Assistant parameters.

APCDE24

DATE BLANK

Reason:

A blank date has been retrieved from the KSDSCST file.

Action:

Contact your PMA representative.

APCDE025:

LIMIT REACHED

Reason:

The maximum number of IMS/CICS entries that can be defined is 255.

Action:

In the IMS/CICS system control panel, add up to 255 entries only.

APCDS01:

NARROW INPUT RECORDS = <nnn>

Reason:

The number <nnn> of input records of the narrow measurement is displayed.

Action:

This message is for information only.

APCDS0n:

VSAM <type> RECORDS = <rrr> BYTES = <bbb>

Reason:

The number <rrr> VSAM records with <bbb> bytes of record type <rrr> is displayed.

Action:

Information only where *n* is 2,3,...9.

APCDS11:

MEASUREMENT INCLUDED VIA TIME RANGE: <job>

Reason:

The CICS / IMS measurement with the jobname <job> is inside of the defined time ranges of system declarations.

Action:

This message is for information only.

APCDS12:

MEASUREMENT EXCLUDED VIA TIME RANGE: <job>

Reason:

The CICS / IMS measurement with the jobname <job> does not fit with any time range of the system declarations.

Action:

Check your system declarations.

APCDW05:

WARNING: NO MODULES FOUND: <job>

Reason:

The measurement with the jobname <job> has no valid modules in the report chapter #PSU.

Action:

Prolong your measurement session time.

APCDW07:

WARNING: MEASUREMENT SKIPPED BY DATE: <job>

Reason:

The measurement with the jobname <job> is already stored in PMA.

Action:

This message is for information only.

APCDW08:

WARNING: TIME DEVIATION TOO HIGH: <job>**Reason:**

The measurement with the jobname <job> is inside of a defined time window but has a late starting time.

Action:

Check your system declarations.

APCDW20:

WARNING: TOO MANY DLI ENTRIES: <job> <dlimod>**Reason:**

There are too many DLI entries in job <job> for DLI module <dlimod>, because the maximum record length of the KSDSCIC/IMS cluster was reached.

Action:

This message is for information only.

APCDW22:

WARNING: TOO MANY TX ENTRIES: <job> <trx>**Reason:**

There are too many module entries in job <job> for transaction <trx>, because the maximum record length of the KSDSCIC/IMS cluster was reached.

Action:

This message is for information only.

APCDW24:

WARNING: TOO MANY SQL LINES: <job> <dbrm>**Reason:**

There are too many SQL lines in job <job> for DBRM <dbrm>. Only the SQL lines that are below the maximum (135 at time) will be stored in the DBRM record of the KSDSCIC/IMS cluster.

Action:

This message is for information only.

APCDW25:

WARNING: NO TRANSACTION FOUND: <jobname>

Reason:

The measurement with printed <jobname> has no transactions.

Action:

The measurement is skipped. Check your parameters.

APCDW26:

WARNING : ELAPSED TIME OUT OF RANGE: <job>

Reason:

During the update of the management records in the KSDSCIC/IMS cluster of a summary online region, one of the systems has a higher elapsed time (more than 5% above the previous one).

Action:

This message is for information only.

APCDW27:

MEASUREMENT SKIPPED BY DATE: <jobname>

Reason:

The measurement with printed <jobname> has no corresponding time window.

Action:

Check your system declarations.

APCDW28:

TIME DEVIATION TOO HIGH: <jobname>

Reason:

The measurement with printed <jobname> is inside a defined time window but has a late starting time.

Action:

Check your system declarations.

APCDW29:

WARNING; SOME NUMERICAL ERRORS:**Reason:**

During measurement analysis some numerical errors are detected; that is, there is no CPU time on the declared position in the measurement.

Action:

This message is for information only.

APCIW002:

<jobname> - SQL DETAILS NOT PROVIDED, CHECK CA MAT DB2 INTERCEPT**Reason:**

The SQL total count is missing in the DB2 STATEMENTS SQL chapter. There might be an unknown layout in this chapter or the CA MAT DB2 intercept is not active.

Action:

Check the DB2 intercept. If the intercept is active, contact your PMA representative and provide the entire list data set.

APCIW004:

<jobname> - NO TRX COUNTS IN CORRESPONDING CHAPTER FOUND**Reason:**

There are no transaction counts found in the chapter for CICS/IMS data. This situation leads to less useful data in the PMA KSDSCIC/IMS cluster.

Action:

One possible reason for this warning message is that the needed transaction definitions for CA MAT are not done. Ignore this message if you have IMS in use, because the needed transaction counts are taken from the IMS TrannameView chapter in this situation. In other cases, contact your PMA representative.

APCGASCN:

PMA REPORT SUBSYSTEM ID = <id> DATE <yyyy-mm-dd> PAGE <page#>

Reason:

Program process report header. <id> is the PMA subsystem ID the further information belong to, <yyyy-mm-dd> is the program execution date and page# is the report page number.

Action:

This message is for information only.

APCGASCN:

THRESHOLDS STM <mm.mm> SQL <qq.qq> DLI <ii.ii> LIB <ii.ii>

Reason:

Shows the defined minimum ACTV% threshold value a module statement (<mm.m>), a SQL statement (<qq.qq>), a DLI statement (<ii.ii>) or a Library Subroutine (<ii.ii>) must have in the measurement list to be selected for the scan process, otherwise the information will be skipped (see PMA Parameter Menu, option C1/I1, Threshold Values).

Action:

This message is for information only.

APCGASCN:

APCDS00 : <pmasystem> SUCCESSFULLY EVALUATED TIME=<sssss> SEC

Reason:

The CICS/IMS measurement listing of the region assigned to PMA System <pmasystem> was processed without problems. <sssss> is the process duration time for this measurement list.

Action:

This message is for information only.

APCGASCN:

APCIW001: <region> - UNKNOWN FORMAT OF DB2 CHAPTER, NO SQL-DATA EXTRACTED

Reason:

The DB2 STATEMENTS / DB2 VIEW data section in the measurement list for region <region> has an unknown format, unable to retrieve DB2 and SQL data from.

Action:

Contact your product support.

APCGASCN:

APCIW003: <region> - UNEXPECTED CENTERED LINES IN IMS TRANNAMEVIEW FOUND

Reason:

The IMS TRANNAMEVIEW data section in the measurement list for region <region> has an unexpected format.

Action:

Contact your product support.

APCGASCN:

APCDW23 : WARNING : TOO MANY PGM ENTRIES : <job>

Reason:

The number of found program entries in job <job> has exceeded the number of program entry information PMA can save. Only the program entries with highest activity have been stored.

Action:

This message is for information only.

APCDAAMO Messages

The following messages are generated from module APCDAAMO.

APCDAAMO:

APCDAAMO : SYSTEM <pmasystem> WITH <new#> NEW ALERTS OF TOP <top>

Reason:

Program process information:<new#> new module alert entries for the <top> modules of system <pmasystem> were created.

Action:

This message is for information only.

APCDAAMO:

APCDAAMO : VSAM ERROR : PGM TERMINATED

Reason:

The access to the CICS/IMS data cluster failed, or no data of the current processed measurement list has been stored because of access or space problems.

Action:

Check the CICS/IMS data cluster or set up a reorganization with APCDJREO.

APCDAAMO:

APCDAAMO : SYSTEM NOT FOUND : PGM TERMINATED

Reason:

There is no data for the current system available on the CICS/IMS data cluster to built up the statistical base, module alert generation is skipped. Normal measurement lists can process continues.

Action:

This message is for information only.

APCDAAMO:

APCDAAMO : TOO MANY MO ENTRIES : PGM TERMINATED

Reason:

The number of module entries of the current processed measurement has exceeded the entry limit of the internal module table.

Action:

The ordered main buffer is not big enough. Set up the parameter SS (Storage Size) in the parameter file. The following SS values are allowed: SSS / SSM / SSL and SSX, where SSX is the highest value for buffer ordering. The entry limits (MO#) of the internal module table according to the chosen buffer size are:

SSS - MO# = 2048

SSM - MO# = 4096

SSL - MO# = 8192

SSX - MO# = 16384

APCDAAMO:

APCDAAMO : VSAM ERROR ON ALERT FILE : PGM TERMINATED

Reason:

The access to the alert file cluster failed.

Action:

Check the alert file cluster or set up a reorganization with APCBJREO.

APCDAAMO:

UNEXPECTED ERROR : PGM TERMINATED

Reason:

The internal module table is out of expected sort order, module alert generations has been stopped. Normal measurement list scan process continues.

Action:

Contact your product support.

APCGAALE Messages

The following messages are generated from module APCGAALE.

APCGAALE:

APCGAALE : SYSTEM <pmasystem> WITH <new#> NEW ALERTS OF TOP <top>

Reason:

Program process information:<new#> new transaction alert entries for the <top> transactions of system<pmasystem> were created.

Action:

This message is for information only.

APCGAALE:

APCGAALE : UNKNOWN RUNAWAY TYPE : PGM TERMINATED

Reason:

An invalid runaway test option was detected. Transaction alerts are not generated, normal measurement listscan process continues.

Action:

Check the value entered for parameter For transaction runaway test use in PMA parameter option C1/I1.

APCGAALE:

APCGAALE : MEASUREMENT INCOMPLETE, NO TRX ALERTING : PGM TERMINATED

Reason:

No transaction information could be found in the measurement listing, the transaction alert generation was skipped for the current processed measurement. The normal measurement listscan process continues.

Action:

This message is for information only.

APCGAALE:

APCGAALE : VSAM ERROR : PGM TERMINATED

Reason:

The access to the CICS/IMS data cluster failed, or no data of the current processed measurement list has been stored because of access or space problems.

Action:

Check the CICS/IMS data cluster or set up a reorganization with APCDJREO.

APCGAALE:

APCGAALE : SYSTEM NOT FOUND : PGM TERMINATED

Reason:

There is no data for the current system available on the CICS/IMS data cluster to built up the statistical base, transaction alert generation is skipped. Normal measurement list scan process continues.

Action:

This message is for information only.

APCGAALE:

APCGAALE : TOO MANY TX ENTRIES : PGM TERMINATED

Reason:

The number of transaction entries of the current processed measurement has exceeded the entry limit of the internal transaction table.

Action:

The ordered main buffer is not big enough. Set up the parameter SS (Storage Size) in the parameter file. The following SS values are allowed: SSS / SSM / SSL and SSX, where SSX is the highest value for buffer ordering. The entry limits (TX#) of the internal transaction table according to the choosen buffer size are:

SSS - TX# = 2048

SSM - TX# = 4096

SSL - TX# = 8192

SSX - TX# = 16384

APCGAALE:

APCGAALE : VSAM ERROR ON ALERT FILE : PGM TERMINATED

Reason:

The access to the alertfile cluster failed.

Action:

Check the alertfile cluster or set up a reorganization with APCBJREO.

Chapter 5: APCIJIFU Messages Importing IMS Data

The error messages in this section are displayed if you have input errors in job APCIJIFU when importing IMS transaction details.

This section contains the following topics:

- [Variable Definitions](#) (see page 83)
- [List of Messages](#) (see page 84)

Variable Definitions

The following table defines the variables used in the APCIJIFU messages.

Variable	Definition
<i>parm-id</i>	ERRLIM, MSGLIM
<i>error-limit</i>	The error limit count provided by the user at the startup of job APCIJIFU
<i>warning-limit</i>	The warning limit count provided by the user at the startup of job APCIJIFU
<i>record-number</i>	A numeric value
<i>field-pos</i>	A value between 1 and 11
<i>field-name</i>	TRANSACTION, IMS REGION, START DATE, START TIME, END DATE, END TIME, ELAPSED TIME, CPU TIME, WAIT TIME
<i>field-format</i>	DATE, TIME, NUMERIC, DECIMAL

List of Messages

APCF001E

PARAMETER *parm-id* MISSING

Reason

The control parameter *parm-id* was not provided.

Action

Provide the missing parameter in the required format and range.

APCF002E

INCORRECT SPECIFICATION OF PARAMETER *parm-id*

Reason

The control parameter *parm-id* is not in the required format or range.

Action

Provide the missing parameter in the required format and range.

APCF100E

ERROR IN INPUT RECORD *record-number* DETECTED, LINE IS SKIPPED

Reason

An error in an input record was detected that makes it impossible to overtake the data. *record-number* is the relative number of the record in your input data set. An additional message is provided to identify the type of error.

Action

Check the additional message for more information about the kind of failure that was detected and how to cure it.

APCF101W

FORMAT ISSUE IN INPUT RECORD *record-number* DETECTED, DATA CORRECTED

Reason

An input contains a field with a value in a format that had to be customized. *record-number* is the relative number of the record in your input data set. An additional message is provided for more information.

Action

Make sure that every field contains data in the supported format.

APCF102I

ERROR TOLERATION LIMIT *error-limit* EXCEEDED, PROCESS STOPPED

Reason

The number of erroneous input records have exceeded the defined limit. The interface process has stopped.

Action

Check the error messages in the log, correct the input data, and run the job again.

APCF103I

WARNING MESSAGE LIMIT *warning-limit* EXCEEDED. FURTHER WARNINGS WILL BE SUPPRESSED.

Reason

The number of warning messages have exceeded the defined limit. All further warning messages have been suppressed.

Action

Check the warning messages in the log. If necessary, correct the input data and run the job again.

APCF104E

LINE INCOMPLETE, ONLY n OF x REQUIRED FIELDS PROVIDED

Reason

One or more of the mandatory fields is missing in the input record.

Action

Make sure that all input records contain the required information.

APCF105E

REQUIRED FIELD *field-pos* *field-name* HAS NO VALUE

Reason

The field that the message is referring to contains no value.

Action

Make sure that all fields contain sufficient data.

APCF106E

FIELD *field-pos* *field-name* OUT OF RANGE

Reason

The field that the message is referring to contains a value that is not in the supported data range.

Action

Make sure that every field contains data in the supported range.

APCF107E

FIELD *field-pos* *field-name* NOT IN REQUIRED *field-format* FORMAT

Reason

The field that the message is referring to contains a value that is not in a supported format.

Action

Make sure that every field contains data in the supported format.

APCF108W

EXCESSIVE DECIMAL PLACES OF FIELD *field-pos* *field-name* TRUNCATED

Reason

An error in an input record was detected that makes it impossible to overtakethe data. *record-number* is the relative number of the record in your input data set. An additional message is provided to identify the type of error.

Action

In general, no user action is necessary. The decimal places exceeding the maximum value that PMA can handle were truncated and processing continued.

APCF109E

END DATE/TIME BEFORE START DATE/TIME

Reason

The provided End Date/Time is earlier than the Start Date/Time.

Action

Correct the Start and End Date/Time values.

Chapter 6: PMA Server Messages

The PMA Server component is a batch monitor that monitors job steps and automatically generates the Monitor Invoke requests on an as needed basis.

This section contains the following topics:

- [Message Format \(see page 89\)](#)
- [Message Destination \(see page 90\)](#)
- [List of Messages \(see page 90\)](#)
- [Spool Interface Program \(SIP\) Messages \(see page 134\)](#)

Message Format

All messages issued by the PMA Server have the following general format:

APCS*nnn**s* text

where

nnn is a unique message number

s is a severity code that can have the following values:

- I information, no action required
- W warning, results might not be as expected
- E error, but processing continues
- S severe error, an operation failed and processing terminates controlled
- T terminating error, an operation failed and processing terminates immediately
- U unrecoverable error, an unexpected error or condition occurred, the PMA Server might abend

text is the message text

The severity code corresponds to the jobstep condition codes 0, 4, 8, 12, 16, 20 of the PMA Server, respectively.

Note: All messages issued by the PMA Server Spool Interface Program (SIP) have the same format described previously except they are prefixed with the letters APCI, as follows:

APCSI.*nnns* text

The SIP messages are listed at the end of this chapter. See Spool Interface Program (SIP) Messages.

Message Destination

All messages are written to a log file with DD-name APCSML0G. However, messages may also be issued to the job log under the following conditions:

- When the message log file is not usable, all messages go to the job log.
- A copy of certain messages with severity code I, W, and E go also to the job log when they reflect an important change of the PMA Server processing state.
- Messages with severity code S, T, and U are always written to both the server log file and the job log.

List of Messages

APCS001I:

PMA STARTED TASK, GENLEVEL APCS000, VvvRrrMmm/ccyymmdd/hhmm/ 0000

Reason

This message is the starting message of the PMA Started Task, which is always the first message in the message log.

vrrrmm

Specifies the version, release, and modification level of the PMA server.

ccyymmdd

Specifies the assembly date of the main module.

hhmm

Specifies the assembly time of the main module.

Action

No response is required. However this message can be used in your automation process to indicate that the PMA Server is about to initialize itself.

APCS002I:

PROCESSING TERMINATED, RC=nnnnnnnn**Reason**

This message is the final termination message of the PMA server that shows the job step condition code.

Action

No response is required.

APCS003I:

ttttttt TASK, GENLEVEL mmmmmmmmm, VvvRrrMmm/ccyymmdd/hhmm/0000**Reason**

Whenever the PMA Server main task starts a subtask, the processing module *mmmmmmmm* of the attached subtask responds with this message. The other variable fields in this message have the same meaning as in message APCS001I.

Action

No response is required.

APCS004I:

INTERVAL TIMER ACTIVATED, STD-INTERVAL=ss.sss SEC**Reason**

The internal time interval for *alive checks* has been successfully set up.

Action

No response is required.

APCS005I:

ABOUT TO CREATE INTERNAL CONTROL TABLES**Reason**

The initialization process of the PMA Server has progressed to reading the VSAM files for alerts, changed modules, and so on.

Action

No response is required.

APCS006I

MONITOR REQUESTS WILL BE PROCESSED BY MODULE nnnnnnnnn

Reason

Monitor requests are being processed by the indicated module.

Action

No response required.

APCS007I:

pppppppp PROCESSING COMPLETE, RC=nnnnnnnn

Reason

Processing of phase *pppppppp* has been completed with return code *nnnnnnnn*.

Action

No response is required.

APCS008I:

ADDRESS SPACE SET NON-SWAPPABLE, NOT REGISTERED IN PARMLIB MEMBER

Reason

The PMA Server acts as a cross-memory server and needs to be nonswappable. The main program APCS000 is not registered in the PARMLIB member SCHEDxx, and thus, the PMA Server is set dynamically nonswappable.

Action

Normally, no response is required. However, you can register the PMA Server main program in the PARMLIB member SCHEDxx as nonswappable to suppress this message.

APCS009I:

ADDRESS SPACE SET SWAPPABLE, NOT REGISTERED IN PARMLIB MEMBER

Reason

The initialization process found that the PMA Server main program was not registered in the PARMLIB member SCHEDxx. When the dynamically set nonswappable state is no longer required, it is set back to the swappable state.

Action

Normally, no response is required. See message APCS008I.

APCS010W:**THIS JOB IS NOT INITIATED AS STARTED TASK****Reason**

The PMA Server is intended to run as a started task, but also can run as a *normal* batch job.

Action

Check if you really want the PMA Server to run as a normal batch job.

APCS011I:**ALERT REFRESH INTERVAL EXPIRED, RELOADING ALERT TABLE****Reason**

The interval for reloading new information from the alert VSAM file has been expired. The internal control tables of the PMA Server for alerts are now updated.

Action

No response is required.

APCS012I:**SERVER RUNTIME INTERVAL EXPIRED, RESETTING****Reason**

The runtime interval that simulates a stop and a subsequent start of the PMA Server has been expired. Counts for the maximum number of CA MAT requests, overload conditions, and so on are reset as though the PMA Server had been activated again through a console start command.

Action

No response is required.

APCS013I:**HIGHEST ALERT-ID IN ALERT FILE IS nnnnnnnn****Reason**

When loading the alert file, the indicated alert ID *nnnnnnnn* was the highest one found.

Action

No response is required.

APCS014I:

ALERT REFRESH REQUESTED, RELOADING ALERT TABLE

Reason

The user has request an Alert Refresh. The Alert Table is being reloaded.

Action

No response is required.

APCS020I:

STORAGE FOR *sssssss* ALLOCATED, ADDR=*aaaaaaaa*, LENGTH=|||||||

Reason

Storage for data or tables with internal name *sssssss* has been allocated at virtual address *aaaaaaaa* in length *|||||||*.

Action

No response is required.

APCS021S:

**UNABLE TO ALLOCATE STORAGE FOR MOD=*mmmmmmmm*, LEN=|||||||, LOC=|||,
BDY=*bbbb***

Reason

The PMA Server was unable to obtain virtual storage to load required module *mmmmmmmm*. The requested length for virtual storage was *|||||||* with location *|||* (BEL, ANY, RES) and a boundary of *bbbb* (DWRD or PAGE).

Action

The PMA Server terminates.

Check for a sufficient region size on the jobcard or EXEC card.

APCS022I:

STORAGE FOR *ssssssss* FREED, ADDR=*aaaaaaaa*, LENGTH=|||||||

Reason

Storage for data or tables with internal name *ssssssss* has been freed at virtual address *aaaaaaaa* in length *|||||||*.

Action

No response is required.

APCS030I:

LOAD MOD=*mmmmmmmm*, EP=*eeeeeeee*, LG=||||||, AM=*am*, AC=*n*

Reason

Unauthorized module *mmmmmmmm* was successfully loaded at address *aaaaaaaa*. The module's entry point address is *eeeeeeee* and has a length of *|||||||* with AMODE *am* and authorization code *n*.

Action

No response is required.

APCS031I:

LOAD MOD=*mmmmmmmm*, LP=*aaaa*, EP=*eeee*, LG=*llll*, AM=*am*, RM=*rm*, ATTR=REUS,RENT,REFR,OL

Reason

Authorized module *mmmmmmmm* was successfully loaded at load point *aaaa*, entry point address *eeee*. LG is module length, AM=amode, RM=rmode. ATTR is REUS, RENT, REFR, OL.

Action

No response is required.

APCS032W:

CA MAT SERVICE MODULE *mmmmmmmmmm* NOT FOUND, MONITOR REQUESTS DISABLED

Reason

The PMA Server could not locate one of the defined monitor service modules.

Action

For this run, no monitor requests to watch a particular job step are generated and issued.

Check that the required monitor service module resides in a library that is in the linklist concatenation.

APCS033W:

TRACE SERVICE MODULE *mmmmmmmmmm* NOT FOUND, UNABLE TO ACTIVATE TRACE

Reason

The PMA Server could not find its service module to generate an internal trace for diagnostic purposes.

The internal trace is not available, but processing continues.

Action

Normally, no response is required. However, for diagnostic purposes the trace module should be available.

APCS034S:

UNABLE TO LOCATE MODULE *mmmmmmmmmm*, LSEARCH=I, DCB=aaaaaaaa

Reason

The PMA Server could not find required module *mmmmmmmmmm*.

Processing terminates.

Action

Check that the PMA Server component is installed correctly.

APCS040I:

tttttttt TASK ATTACHED, TCB=aaaaaaaa, STUB=mmmmmmmm, PGM=pppppppp, EP=aaaaaaaa

Reason

The PMA Server has attached subtask *tttttttt* successfully. The TCB address for this subtask is *aaaaaaaa*, the authorized program-stub module is *mmmmmmmm*, and the processing program name is *pppppppp* with entry point address *aaaaaaaa*.

Action

No response is required.

APCS041I:

tttttttt TASK TERMINATED NORMALLY, TCB=aaaaaaaa, CODE=cccccccc, CPUTIME=c.ccc SEC

Reason

The attached subtask *tttttttt* has terminated normally with a completion code *cccccccc* and consumed a CPU time of *c.ccc* seconds.

Action

No response is required.

APCS042I:

tttttttt TASK READY FOR WORK

Reason

Subtask *tttttttt* has itself initialized and is now ready for doing some work.

Action

No response is required.

APCS043S:

UNEXPECTED TERMINATION OF *tttttttt* TASK, TCB=*aaaaaaaa*, CODE=*cccc*

Reason

Subtask *tttttttt* has terminated unexpectedly without the request to terminate. Its TCB address was *aaaaaaaa* and the completion code was *cccc*.

Processing is terminated.

Action

Check for any other messages that might indicate a problem that caused the subtask to terminate.

APCS044S:

tttttttt* TASK ABENDED, TCB=*aaaaaaaa*, CODE=*cccccccc

Reason

Subtask *tttttttt* has terminated with a completion code of *cccccccc*. Its TCB address was *aaaaaaaa*.

Action

Check for any other messages that might indicate a problem that caused the subtask to terminate.

APCS045U:

***tttttttt* TASK TIMEOUT, TCB=*aaaaaaaa*, WAIT-ECB=*wwwwwwww*,
POST-ECB=*pppppppp*,
NO RESPONSE AFTER ATTACH
NO RESPONSE ON STOP REQUEST, TASK CANCELLED**

Reason

Subtask *tttttttt* with TCB address *aaaaaaaa* did not respond after it was attached for a reasonable length of time (variant 1) or did not terminate after a reasonable time (variant 2). The values *wwwwwwww* and *pppppppp* show the contents of the wait-ECB and post-ECB used for task communication, respectively.

Action

Check for any other messages that might indicate a problem that caused the subtask not to respond.

APCS046:

ttttttt TASK(pppppppp) nnnnnnnn TIMES ATTACHED, CPUTIME=c.ccc, SEC

Reason

The main task has attached the executor subtask *ttttttt* for processing Performance Management Assistant requests with module *pppppppp* *nnnnnnnn* times.

Action

No response is required.

APCS047I:

TASK ATTACHED, TCB=aaaaaaaa, PGM=pppppppp

Reason

The task with TCB address *aaaaaaaa* and program name *pppppppp* has been attached.

Action

No response is required.

APCS048I:

MAIN TASK READY FOR WORK

Reason

The main task has initialized itself and is now ready for work. This message has the same meaning as message APCS042I.

Action

No response is required. However this message can be used in your automation process to indicate that the PMA Server is now operational.

APCS050I:

AX RESERVED, VALUE=xxxx

Reason

Cross-memory setup is in progress. An authorization index of *xxxx* has been obtained from the system.

Action

No response is required.

APCS051I:

AX ACTIVATED

Reason

Cross-memory setup is in progress. The obtained authorization index has been activated.

Action

No response is required.

APCS052I:

LX RESERVED, VALUE=xxxxxxxx

Reason

Cross-memory setup is in progress. A linkage index with value xxxxxxxx has been reserved for the PMA Server.

Action

No response is required.

APCS053I:

ETDEF SUCCESSFUL

Reason

Cross-Memory setup is in progress. The Entry Table definition to the system was successful.

Action

No response is required.

APCS054I:

ETCRE SUCCESSFUL, TOKEN=xxxxxxxx

Reason

Cross-memory setup is in progress. The Entry Table creation was successful and the associated token is xxxxxxxx.

Action

No response is required.

APCS055I:

NAME/TOKEN CREATE, RC=nnnnnnnn

Reason

The create function of the Name/Token services ended with a return code of *nnnnnnnn*.

Action

Normally, no response is required. However a nonzero return code indicates a problem.

APCS056I:

ADDRESS SPACE AX RESET

Reason

Cross-memory termination is in progress. The authorization index has been reset.

Action

No response is required.

APCS057I:

LX FREED, VALUE=xxxxxxx, RC=nnnnnnnn

Reason

Cross-Memory termination is in progress. The reserved linkage index *xxxxxxx* for the PMA Server has been freed. Function ended with return code *nnnnnnnn*.

Action

No response is required.

APCS058I:

ETDES SUCCESSFUL, TOKEN=xxxxxxx

Reason

Cross-memory termination is in progress. The Entry Table that was associated with token *xxxxxxx* was successfully deleted.

Action

No response is required.

APCS059I:

NAME/TOKEN DELETE, RC=nnnnnnnn

Reason

The delete function of the Name/Token services ended with return code *nnnnnnnn*.

Action

Normally, no response is required. However, a nonzero return code indicates a problem.

APCS060I:

EXIT POINT xxxxxxxx,NMBR=nnnn,AM=am,KEY=kk,FLGS=xx

Reason

The PMA Server has found exit point *xxxxxxx* with *nnnn* exit routines.

Action

No response is required.

APCS061I:

EXIT ROUTINE rrrrrrrr,FLGS=xx

Reason

The PMA Server has found exit routine *rrrrrrrr* while scanning defined exit points.

Action

No response is required.

APCS062I:

CSVDYNEX, ffffff, EXIT= xxxxxxxx, MOD=mmmmmmmm, RC=nnnnnnnn, RSN=rrrrrrrr

Reason

The PMA Server has called the Dynamic Exits Facility to execute function *fffffff* for exit point *xxxxxxx* and module *mmmmmmmm*. Return code was *nnnnnnnn* and reason code was *rrrrrrrr*.

Action

Normally, no response is required. However, a nonzero return code indicates a problem.

APCS063I:

EXIT ROUTINE *rrrrrrrr* FOR EXIT POINT *xxxxxxxx* ALREADY INSTALLED, STATUS=ssssssss

Reason

While scanning the exit points to install the PMA Server owned exit routines, the PMA Server has found that routine *rrrrrrrr* for exit point *xxxxxxxx* is already there with status *ssssssss*.

When the status of the exit routine is active, it is first deactivated and then activated again to ensure proper initialization. When the status of the exit routine is inactive, it is simply activated again.

Action

Normally, no response is required. However, if it is desired that a fresh copy from disk of the exit routine should be installed, first stop the PMA Server again; second delete the exit routines with the MVS SETPROG EXIT,DELETE,... command; and finally activate the PMA Server again.

APCS064S:

EMPTY EXIT-LIST RECEIVED FROM CSVDYNEX MACRO

Reason

The Dynamic Exits Facility returned an empty list of exit points to the PMA Server.

Processing terminates.

Action

There might be a problem within the Dynamic Exits Facility, or the PMA Server does not have the authority to obtain that information. Check the Dynamic Exits Facility and the PMA Server authority.

APCS065S:

EXIT POINT *xxxxxxxx* NOT DEFINED IN SMF TO INSTALL EXIT ROUTINE *rrrrrrrr* FOR SUBSYS *ssss*

Reason

This message is issued when the PMA Server is requested to monitor jobs running under a different subsystem ID (for example, SERVER, APPC,...) than the primary subsystem ID and the SMFPRMxx member of the SYS1.PARMLIB does not define the required exit points for the additional subsystem IDs.

Processing terminates.

Action

Either delete the additional subsystem IDs to be monitored by the PMA Server or modify your SMFPRMxx member of the SYS1.PARMLIB to include the required exit points for the PMA Server.

APCS066W:

EXIT POINT xxxxxxx NOT DEFINED IN SMF TO INSTALL EXIT ROUTINE rrrrrrrr

Reason

This message is issued when the PMA Server is requested to monitor jobs running under a different subsystem ID (for example, SERVER, APPC,...) than the primary subsystem ID and the SMFPRMxx member of the SYS1.PARMLIB does not define the required exit points for the additional subsystem IDs.

Processing terminates.

Action

Either delete the additional subsystem IDs to be monitored by the PMA Server or modify your SMFPRMxx member of the system parmlib.

APCS070I:

PRIMARY JES SUBSYS NAME IS jjjj

Reason

The PMA Server found that the name of the primary JES subsystem is *jjjj*.

Action

No response is required.

APCS071I:

JES SUBSYS TYPE IS jjjj

Reason

The found JES subsystem type *jjjj* is either JES2 or JES3.

Action

No response is required.

APCS072I:

SMF INTERVAL TIME FOR *jjjj* IS mm MIN ss SEC

Reason

SMF interval recording for JES subsystem with name *jjjj* is active with an interval time of *mm* minutes and *ss* seconds.

Action

No response is required.

APCS073I:

SMF INTERVAL RECORDING IS NOT ACTIVE FOR *jjjj*

Reason

SMF interval recording is not active for JES with subsystem name *jjjj*.

Action

No response is required.

APCS074S:

SMF IS NOT ACTIVE OR HAS ENDED ABNORMALLY

Reason

While checking the SMF environment the PMA Server received a return code indicating that SMF is not responding.

Processing terminates.

Action

Check if SMF is active.

APCS075:

SMF IS NOT RECORDING RECORD TYPE *tttt*

Reason

While checking the SMF environment the PMA Server found that SMF is not recording the required record type *tttt*.

Processing terminates.

Action

Check your SMF definitions to ensure that the required record type is provided for the PMA Server.

APCS076:

SMF IS NOT RECORDING RECORD TYPE *tttt/s* FOR SUBSYS *jjjj*

Reason

While checking the SMF environment, the PMA Server found that SMF is not recording record type/subtype *tttt/s* for JES with subsystem name *jjjj*.

Processing terminates.

Action

Check your SMF environment to ensure that the required record type/subtype is generated for the subsystem.

APCS080I:

OPERATOR INTERFACE ESTABLISHED, COM=cccccccc, ECB=aaaaaaaa

Reason

The PMA Server has established its interface to receive commands from a console.

Action

No response is required.

APCS081I:

OPERCMD: REFRESH

APCS081I:

OPERCMD: REFRESH SELECTABLE FEATURES

APCS081I:

OPERCMD: REFRESH THRESHOLD SETTINGS

APCS081I:

OPERCMD: REFRESH RUNAWAY TEST TYPE

APCS081I:

OPERCMD: REFRESH ALERT TABLES

APCS081I:

OPERCMD: REFRESH INC/EXC TABLES REFR

Reason

The PMA Server has recognized a REFRESH COMMAND.

Action

No response is required.

APCS082I:

OPERCMD: STOP COMMAND RECEIVED

Reason

The PMA Server has recognized a STOP command issued from a console. Termination processing is started.

Action

No response is required.

APCS083I:

OPERATOR INTERFACE TERMINATED

Reason

The PMA Server has terminated its interface to receive commands from a console.

Action

No response is required.

APCS084I:

OPERCMD: ADD ALERT FOR JOB=jjjjjjjj, RECEIVED

Reason

The PMA Server has added an alert for job jjjjjjjj as the result of an operator command.

Action

No response is required.

APCS085I:

OPERCMD: INVALID JOBNAMES

Reason

An operator command has been entered to add an alert for a job. An invalid jobname has been specified.

Action

Correct and resubmit.

APCS086I:

OPERCMD: JOB NOT ACTIVE

Reason

An operator command has been entered to add an alert for a job.

A job that is not active has been specified.

Action

No response is required.

APCS087I:

TSO INTERFACE DM COMMAND RECEIVED

Reason

A DM command has been entered through the TSO interface.

Action

No response is required.

APCS090S:

UNABLE TO OPEN FILE WITH DD-NAME *ddddddd*

Reason

The PMA Server is unable to open a file with DDNAME *ddddddd*.

Processing terminates.

Action

Check the job control for the required DD statement.

APCS091S:

CLOSE FAILURE FOR DD-NAME *ddddddd*

Reason

The PMA Server received a nonzero return code from a CLOSE macro for DDNAME *ddddddd*.

Processing terminates.

Action

Check the job control for the DD statement definitions.

APCS092S:

UNSUCCESSFUL VSAM READ OPERATION FOR FILEID=xx, RC=nnnn, ASID=aa, TCB=ttttttt, JOB=jjjjjjj, key=kkkkkkk

Reason

A read operation failed for a VSAM file with internal file ID xx, return code nnnn, ASID aa, TCB ttttttt, job jjjjjjj, and key kkkkkkk..

Processing terminates.

Action

Check for any other messages indicating an error on the alert file, exclusion file, changed load module file, or job file for further problem determination.

APCS093W:

VSAM FILE UNAVAILABLE, DDN=ddddddd, DSN=nnnnnnnn,

PROCESSING SUSPENDED FOR mmm MIN ssss SEC

Reason

A VSAM file with DDN of dddddd and a DSN of nnnnnnnn has been suspended for mmm minutes and ssss seconds.

Action

Check for any other messages indicating problems with shared files.

APCS094IS:

VSAM FILE(S) AVAILABLE, PROCESSING CONTINUED

Reason

Files identified by Message APCS093W are now available.

Processing continues.

Action

No response is required.

APCS100I:

ABOUT TO LOAD PMA PARAMETERS AND DEFAULTS

Reason

The initialization process has reached the point where it loads the parameters and defaults from the PMA parameter file.

Action

No response is required.

APCS101I:

JES/SMF COMMUNICATION BUFFER LENGTH.....nnKB

APCS101I:

RQA SUBPOOL LENGTH.....nnKB

APCS101I:

INITIAL NUMBER OF RQA SUBPOOLS.....n

APCS101I:

ALERT TABLE ALLOCATION SIZE.....nnKB

APCS101I:

JOB/STEP INCLUDE/EXCLUDE TABLE ALLOCATION SIZE.....nnKB

APCS101I:

PROGRAM INCLUDE/EXCLUDE TABLE ALLOCATION SIZE.....nnKB

APCS101I:

CHANGED LOAD MODULE TABLE ALLOCATION SIZE.....nnKB

APCS101I:

DD-NAME FOR MESSAGE LOG.....ddn

APCS101I:

DD-NAME FOR PMA PARAMETERS.....ddn

APCS101I:

DD-NAME FOR TRACE LOG FILE.....ddn

APCS101I:

DD-NAME FOR SDS MODEL JOB.....ddn

APCS101I:

NAME OF MESSAGE LOG WRITER MODULE.....mod

APCS101I:

NAME OF VSAM REQUEST DRIVER MODULE.....mod

APCS101I:

NAME OF PMA CALCULATION MODULE.....mod

APCS101I:

NAME OF AUTHORIZED TASK STUB MODULE.....mod

APCS101I:

NAME OF BSAM/QSAM SERVICE MODULE.....mod

APCS101I:

NAME OF VSAM SERVICE MODULE.....mod

APCS101I:

NAME OF TRACE LOG WRITER MODULE.....mod

APCS101I:

NAME OF SDS JOB CREATE/SUBMIT MODULE.....mod

APCS101I:

NAME OF MONITOR REQUEST CREATE MODULE.....mod

APCS101I:

MONITOR SERVICE MODULE NAMES.....mod

APCS101I:

IMS REGION CONTROLLER MODULE NAMES.....mod

APCS101I:

NAME OF MODULE FOR EXIT IEFACTRT.....mod

APCS101I:

NAME OF MODULE FOR EXIT IEFUJI.....mod

APCS101I:

NAME OF MODULE FOR EXIT IEFUSI.....mod

APCS101I:

NAME OF MODULE FOR EXIT IEFU83.....mod

APCS101I:

NAME OF MODULE FOR EXIT IEFU84.....mod

APCS101I:

DSN OF DYNAMIC USER-EXITS LIBRARY.....dsn

APCS101I:

LIST OF ADDITIONAL SUBSYS IDS.....id

APCS101I:

STC INTERNAL CONTROL TIME INTERVAL.....nn SEC

APCS101I:

ALERT REFRESH TIME INTERVAL.....nn MIN

APCS101I:

STC RUNTIME INTERVAL.....nn MIN

APCS101I:

STC JOBSTEP ALLOCATION PHASE CHECK INTERVAL....nn SEC

APCS101I:

MAX. NUMBER OF MONITOR REQ. / STC RUNTIME INTERVAL.nnn

APCS101I:

MAX. NUMBER OF RETRIES FOR FAILED MONITOR REQUESTS.n

APCS101I:

DEFAULT GOMIN VALUE FOR INVOKE REQUESTS.....nn MIN

APCS101I:

DSN PREFIX FOR MONITOR SAMPLE DATASETS.....dsn

APCS101I:

DSN PREFIX FOR MONITOR NARROW MEASUREMENT DATASETS....dsn

APCS101I:

DEFAULT SAMPLES / ADDITIONAL PARMS FOR INVOKE...txt

APCS101I:

MORE ADITIONAL PARMS FOR INVOKE.....txt

APCS101I:

VOLUME FOR MONITOR MEASUREMENTS.....vol

APCS101I:

UNIT FOR MONITOR SAMPLE DATASETS.....unit

APCS101I:

INTRDR SYSOUT CLASS FOR SDS PROCESSING JOBS.....c

APCS101I:

MESSAGE LEVEL FOR PMA STC MESSAGE LOG.....n

APCS101I:

ALERT TABLE SEARCH OPTION.....n

APCS101I:

**AUTHORIZATION PASSWORD - CENTRAL COMP..... pppppppppp, VALID FOR
nnnnnnnnnnn DAYS**

APCS101I:

**AUTHORIZATION PASSWORD - STARTED TASK..... pppppppppp, VALID FOR
nnnnnnnnnnn DAYS**

APCS101I:

**AUTHORIZATION PASSWORD - CHECKPOINT FEATURE..... pppppppppp, VALID
FOR nnnnnnnnnn DAYS**

APCS101I:

MODE RUNNING PMA STC

APCS101I:

CHECKPOINT CHECKER EXCLUDED JOBNAMES

Reason

Message APCS101I shows the parameters and defaults found for processing.

Action

No response is required.

APCS102S:

AUTHORIZATION PASSWORD NOT FOUND IN PARMS FILE FOR *cccc*

Reason

An authorization password is required for component *cccc* to run the PMA Server successfully.

Processing terminates.

Action

Check the parameters file for a valid authorization password.

APCS103S:

AUTHORIZATION PASSWORD VERIFICATION FAILED, CODE=*cccc*, COMP.ID=*cc*

Reason

The specified authorization password for a component with ID *cc* is invalid or has expired.

Processing terminates.

Action

Check the PMA parameters file for a valid authorization password.

APCS104W:

DDNAME FOR SDS MODEL JCL NOT SPECIFIED IN PARMS MODULE

APCS104W:

DDNAME FOR SDS MODEL JCL NOT SPECIFIED IN SERVER JCL

Reason

The PMA Server is unable to obtain a DDNAME to read the model JCL statements for the sample data set processing job of measurements.

Processing continues.

Action

Supply a valid DD-statement for the SDS model job.

APCS105I:

MODEL JCL FOR MEASUREMENT PROCESSING:

Reason

The specified model JCL for processing CA MAT sample data sets is logged after this message.

Action

No response is required.

APCS109W:

INVALID MONITOR DURATION PARM FOUND - USING DEFAULTS

Reason

The specified monitor duration parameter is invalid. The defaults are used. The parameters are set in the PMA Parameters screen. Select X1 for General Central Component Parameters, then correct the measurement duration.

Action

Correct and restart server.

APCS110S:

PMA SERVER JOB IS ALREADY IN THE SYSTEM, JOBNAME=jjjjjjjj, ASID=xxxx, ASCB=aaaaaaaa

Reason

A job with the same name as the PMA Server is already in the system. There is only one PMA Server allowed to run at a time on a MVS image.

Processing terminates.

Action

If the indicated job is really the PMA Server, no response is required. If the indicated job is not the PMA Server, rename the PMA Server job to some other name before starting again.

APCS111S:

PMA STARTED TASK IS ALREADY IN THE SYSTEM WITH DIFFERENT JOBNAME

Reason

During initialization the PMA Started Task has determined that some other job is doing the same function as the PMA Server. However the job name could not be located.

Processing terminates.

Action

Check your system to see if someone else has activated the PMA Started Task under a different job name.

APCS112U:

MISSING APF AUTHORIZATION FOR THIS JOBSTEP

Reason

The PMA Server needs APF authorization, but does not have it.

Processing tries to terminate orderly, but might abend.

Action

Check your installation to ensure that the PMA Server load library has the proper APF authorization.

APCS120I:

INCLUDE JOB=jjjjjjjj/ssssssss/ppppppp, SCOPE=PMA, ADDED

Reason

JOB jjjjjjjj STEP sssssss PROC pppppp has been added for selection using the online menus.

Action

No response is required.

APCS121I:

EXCLUDE PGM=pppppppp, SCOPE=PMA, ADDED

Reason

PGM pppppppp has been excluded from monitoring using the online menus.

Action

No response is required.

APCS122I:

**CHANGED LMOD=nnnnnnnn, LINKDATE=dddddd, STATUS=s,
ADDED/DELETED/CHANGED**

Reason

LMOD nnnnnnnn linked on date dddddd,

Action

No response is required.

APCS123I:

**ALERT JOB=jjjjjjjj/ssssssss/pppppppp, PROGRAM=mmmmmmmm, AID=nnnnn,
GOMIN=ggg, STAT=ssss, action**

Reason

The PMA Server has processed an alert request for job jjjjjjjj, step sssssss, procstep pppppppp, and program mmmmmmm with status ssss.

Action

No response is required.

APCS124I:

NUMBER OF *ttttttt* ENTRIES LOADED WAS *nnnnnnnn*

Reason

The PMA Server has loaded *nnnnnnnn* entries for table *ttttttt*.

Action

No response is required.

APCS125I:

FREE *ttttttt* TABLE, ADDR=*aaaaaaaa*, LENGTH=/*llll*(HEX)

Reason

Termination processing released virtual storage for table *ttttttt* at address *aaaaaaaa* with length *llll*.

Action

No response is required.

APCS126I:

NO RELEVANT INFORMATION FOUND ON VSAM FILES FOR PROCESSING

Reason

The PMA Server did not find any relevant information for its processing.

Action

No response is required. When the alert refresh interval expires, the PMA Server tries again.

APCS130I:

MONITORING JOB *jjjjjjj*, DATE=*ccyy.ddd*, TIME=*hh:mm:ss*, REASON=*rrrr*

Reason

The PMA Server has recognized job *jjjjjjj* to be relevant for monitoring.

Action

No response is required.

APCS131I:

**MONITOR "INVOKE" REQUEST ISSUED FOR *jjjjjjjj*/*ssssssss*/*pppppppp*, ASID=xxxx,
AID=nnnnn**

Reason

The indicated job step is now active in the system and the PMA Server has issued a MEASUREMENT to CA MAT.

Action

No response is required.

APCS132I:

jjjjjjjj/aaaa strb-stmt

Reason

This message shows the generated CA MAT control statements for job *jjjjjjjj* and ASID *aaaa*.

Action

No response is required.

APCS133I:

jjjjjjjj,ASID=xxxx, STEP nnn STARTED (ssssssss)

Reason

The JES/SMF user exit IEFUSI has notified the PMA Server that job *jjjjjjjj* with ASID xxxx is now initiating step number *nnn* with name *ssssssss*.

Action

No response is required.

APCS134E:

INVALID SMF DATA - DISCARDED

Reason

An SMF record with invalid data has been detected. The record is ignored.

Action

No response is required.

APCS134I:

jjjjjjjj,ASID=xxxx, STEP nnn ENDED (ssssssss/pppppppp), CC=cccc, CPU=mm:ss.th, ELAP=mm:ss, EXCP=xxxxxx, SERU=nnnnnK

Reason

The JES/SMF user exit IEFACRT has notified the PMA Server that step number *nnn* with step name *ssssssss* and procstep name *pppppppp* has ended for job *jjjjjjjj* and ASID *xxxx*. The completion code for this step is *cccc*; the used CPU time is *mm:ss.th*; the elapsed time is *mm:ss*; the number of EXCPs is *xxxxxx*; and the used service units in thousands is *nnnnn*.

Action

No response is required.

APCS135I:

jjjjjjjj TERMINATED

Reason

The JES/SMF user exit IEFACRT has notified the PMA Server that job *jjjjjjjj* has terminated.

Action

No response is required.

APCS136I:

MONITOR "INVOKE" REQUEST SUPPRESSED FOR *jjjjjjjj/ssssssss/pppppppp*,

MONITOR NOT ACTIVE OR MONITOR REQUESTS DISABLED

Reason

An INVOKE request for job *jjjjjjjj* / step *ssssssss* / procstep *pppppppp* has been suppressed because the monitor is not active or the monitor requests are disabled.

Action

Investigate if the monitor should be active in the system.

APCS136I:

MONITOR "INVOKE" REQUEST SUPPRESSED FOR jjjjjjjj/ssssssss/pppppppp,

MAX. NUMBER OF REQUESTS/RUNTIME INTERVAL REACHED (nnnn)

Reason

An INVOKE request for job jjjjjjjj / step sssssss / procstep ppppppp has been suppressed because the maximum number of requests or the runtime interval has been reached.

Action

No response is required.

APCS136I:

MONITOR "INVOKE" REQUEST ISSUED FOR jjjjjjjj/ssssssss/pppppppp,

RETRY NOT PERFORMED DUE TO BAD RESPONSE

Reason

An INVOKE request for job jjjjjjjj / step sssssss / procstep ppppppp has been suppressed because a retry has not been performed due to a bad response.

Action

No response is required.

APCS136I:

MONITOR "INVOKE" REQUEST ISSUED FOR jjjjjjjj/ssssssss/pppppppp,

MAX. NUMBER OF RETRIES REACHED (nnnn)

Reason

An INVOKE request for job jjjjjjjj / step sssssss / procstep ppppppp has been suppressed because the maximum number of retries has been reached.

Action

No response is required.

APCS136I:

MONITOR "DELETE" REQUEST SUPPRESSED FOR jjjjjjjj, REQNO=nn

MONITOR NOT ACTIVE OR MONITOR REQUESTS DISABLED

Reason

A DELETE request for job jjjjjjjj, REQNO=nn has been suppressed because the monitor is not active or the monitor requests are disabled.

Action

Investigate if the monitor should be active in the system or if monitor requests are disabled.

APCS136I:

MONITOR "DELETE" REQUEST SUPPRESSED FOR jjjjjjjj, REQNO=nn

RETRY NOT PERFORMED DUE TO BAD RESPONSE

Reason

A DELETE request for job jjjjjjjj, REQNO=nn has been suppressed because a retry has not been performed due to a bad response.

Action

Investigate if the monitor is functioning correctly and that the interface with the server is working.

APCS136I:

MONITOR "DELETE" REQUEST SUPPRESSED FOR jjjjjjjj, REQNO=nn

MAX. NUMBER OF RETRIES REACHED (nnnn)

Reason

A DELETE request for job jjjjjjjj, REQNO=nn has been suppressed because the maximum number of retries has been reached.

Action

No response is required.

APCS137I:

MONITOR MESSAGE

Reason

The displayed message has been received from the monitor.

Action

No response is required.

APCS139I:

PREMATURE JOBSTEP TERMINATION FOR jjjjjjjj/sssssss/ppppppp/aaaa

MONITOR INVOKE REQUEST CANCELLED

Reason

PMA Server has detected that job jjjjjjjj step ssssss procname ppppp ASID aaaaa has terminated. An INVOKE request has been cancelled.

Action

No response is required.

APCS140I:

PREMATURE JOBSTEP TERMINATION FOR jjjjjjjj/sssssss/ppppppp/aaaa

CREATED SAMPLE DATA SET MAY BE UNUSABLE

Reason

PMA Server has detected that job jjjjjjjj step ssssss procname ppppp ASID aaaaa has terminated. A created sample data set might be unusable.

Action

Be aware that a sample data set might be unusable.

APCS141E:

FURTHER INVOKE REQUESTS DISABLED DUE TO BAD MONITOR/CV RESPONSE

Reason

PMA Server has disabled any further INVOKE requests due to a bad response from the monitor.

Action

Check messages from the monitor.

APCS142I:

SAMPLE DATASET PROCESSING JOB FOR jjjjjjjj,ssssss,ppppppp,dddddd, ttttttttt

Reason

Successful job submit for jobname, stepname, procname, data set name of the sample data set, and data set name of the profile data set.

Action

No response is required.

APCS143I:

SAMPLE DATASET PROCESSING DISABLED, MANUAL HANDLING REQUIRED FOR rr, jjjjjjjj, ssssss, ppppppp

Reason

Sample data set processing is disabled for jobname, stepname, procname. Manual handling is required.

Action

Jobs need to be submitted to process the identified job.

APCS150I:

TUNCALL MESSAGES

message 1

message 2

Reason

The displayed messages were issued by TUNCALL.

Action

Provide the action required by each displayed message.

APCS151I:

CA MAT/TUNCALL RETURN AND REASON CODES

R15 retcode

parm retcode

parm rsncode

Reason

The retcode, parm retcode and parm rsncode were issued by CA MAT.

Action

Check the CA MAT Messages manual for the meaning of the codes.

APCS152I:

CA MAT INVOKE REQUEST ISSUED FOR jjjjjjjj/sssssssss/aaaaaaaa, ASID=nnnn

Reason

CA MAT has issued an invoke request for jobname jjjjjjjj, step sssssss, procname aaaaaaaaa, ASID nnnn.

Action

No response is required.

APCS180I:

JOB jjjjjjjj, aaaa no checkpoint written for nn MINs

Reason

Job jjjjjjjj, ASID aaaa has been unable to write a checkpoint for nn minutes.

Action

If this message persists, check for other messages.

APCS181I:

JOB jjjjjjjj, aaaa no checkpoint written for nn MINs

Reason

Job jjjjjjjj, ASID aaaa has been unable to write a checkpoint for nn minutes.

Action

If this message persists, check for other messages.

APCS182I:

JOB jjjjjjjj, aaaa no checkpoint written for nn MINs

Reason

Job jjjjjjjj, ASID aaaa has been unable to write a checkpoint for nn minutes.

Action

If this message persists, check for other messages.

APCS1901

JOB jjjjjjjj, ssss SEC tttttttttt CPU OVERRUN pppp%

Reason

The PMA Server recognized a CPU runaway situation for job jjjjjjjj; it has used ssss seconds of CPU time. The criteria used to determine that the job is in a runaway condition is described in the text field tttttttttt. This field can be one of the following:

- CPU/ELAPSED-N - Performance Index of CPU to elapsed
- CPU/EXCP-N - Performance Index of CPU to EXCP
- MEASURED-N - actual CPU used compared to the average

The -N in the messages indicates that the Nalimov standard deviation test was used to determine that a runaway has taken place. The pppp% shows the criteria value of the Performance Index or CPU measured as a percentage of the average.

APCS1911

JOB jjjjjjjj, nnnn EXCP*1000 cccccccccccccc I/O OVERRUN pppp%

Reason

The PMA Server recognized an I/O runaway situation for job jjjjjjjj; it has used nnnn thousands of EXCPs. The criteria used to determine that the job is in a runaway condition is described in the text field cccccccccccccc. This field can be one of the following:

- EXCP/ELAPSED-N - Performance Index of CPU to elapsed
- MEASURED-N - actual EXCPs used compared to the average

The -N in the messages indicates that the Nalimov standard deviation test was used to determine that a runaway has taken place. The pppp% shows the criteria value of the Performance Index or EXCPs used as a percentage of the average.

APCS1921

JOB jjjjjjj, mmmm MINUTES ccccccccccccccc RUN TIME OVERRUN pppp%

Reason

The PMA Server recognized a RUN TIME runaway situation for job jjjjjjj; it has used ssss seconds of CPU time. The criteria used to determine that the job is in a runaway condition is described in the text field cccccccccccccc. This field can be one of the following:

- ELAPSED/EXCP-N - Performance Index of elapsed to EXCPs
- MEASURED-N - elapsed run time used compared to the average

The -N in the messages indicates that the Nalimov standard deviation test was used to determine that a runaway has taken place. The pppp% shows the criteria value of the Performance Index or RUN TIME measured as a percentage of the average.

APCS1961

JOB jjjjjjj, rrrrrrrrrrrrrrr REQUESTED ALERT

Reason

The PMA Server has been requested to add an alert and start a measurement for job jjjjjjj; the reason rrrrrrrrrrrrrr can be from a direct request because of a conditional threshold or by time. The possible reasons are as follows:

- CPU_THRESHOLD - the maximum CPU threshold has been exceeded
- I/O_THRESHOLD - the maximum I/O threshold has been exceeded
- TIME_THRESHOLD - the maximum elapsed time threshold has been exceeded
- CPU/ELAPSED - the Performance Index threshold for CPU by elapsed has been exceeded
- EXCP/ELAPSED - the Performance Index threshold for EXCP by elapsed has been exceeded
- CPU/EXCP - the Performance Index threshold for CPU by EXCP has been exceeded
- OPERATOR - an operator Alert Add command for the job was received
- USER - a user Alert Add command for the job was received
- TIME - a Time Alert for the job has been scheduled
- ELAPSED/EXCP-N - Performance Index of elapsed to EXCPs
- MEASURED-N - elapsed run time used compared to the average

The -N in the messages indicates that the Nalimov standard deviation test was used to determine that a runaway has taken place. The pppp% shows the criteria value of the Performance Index or RUN TIME measured as a percentage of the average.

APCS197I:

TASK jjjjjjjj, ASID nnnn TIME ALERT REQUEST STARTED

Reason

A time alert request has started for task jjjjjjjj ASID nnnn.

APCS198I:

TASK jjjjjjjj, ASID nnnn TIME ALERT REQUEST ENDED

Reason

A time alert request has ended for task jjjjjjjj ASID nnnn.

APCS199I:

TIMER ALERT PROCESSING BYPASSED

Reason

Timer alert processing has been bypassed. An explanation follows.

APCS200I:

JOB jjjjjjjj REASON RUNAWAY - DETECTED AT STEP END

Reason

A runaway has been detected for job jjjjjjjj. REASON is an explanation of the type of runaway.

APCS201I:

JOB jjjjjjjj REASON THRESHOLD - ALERT AT STEP END

Reason

A threshold alert has been detected for job jjjjjjjj. REASON is an explanation of the type of alert.

APCS8901:

PMA SPOOL FILE BLOCKED - IF SPOOL OPTION SET SMF RECORDING SUSPENDED

Reason

The spool file has been blocked. If you are using the spool option, SMF recording for PMA has been suspended.

Action

This message can occur while backups are being taken. The spool data set is a temporary data set and can be excluded from backups.

APCS8905:

BAD RESPONSE FROM VSAM-REQUEST

**FILE=i, FUNC=f, STAT=s, RC=rrrr,
REQUESTOR ASID=aa, TCB=ttttt, JOB=jjjjjjjj**

Reason

A bad response has been received from a VSAM request for file i, function f, status s, return code rrrr, requestor ASID aa, TCB ttttt, and job jjjjjjjj.

Action

Check for other messages.

APCS8911:

PMA SPOOL FILE BLOCKED - PMA SMF RECORDING TEMPORARILY SUSPENDED

Reason

The spool file has been blocked and SMF recording has been temporary suspended. This message can occur while backups are being taken. The spool data set is a temporary data set and can be excluded from backups. Look for message APCS8921 which states the problem is corrected.

Action

Exclude the spool file from your backups if this is the cause.

APCS891S:

INVALID VSAM REQUEST RECEIVED
RQST=i, WLEA=ww, DATA=ddd, KEYL=ll, DLEN=nn,
REQUESTOR ASID=aa, TCB=ttttt, JOB=jjjjjjjj

Reason

An invalid VSAM request has been made for request i, WLEA ww, data ddd, KEYL ll, DLEN nn, requestor ASID aa, TCB ttttt, and job jjjjjjjj.

Action

Check for other messages.

APCS892I:

SPOOL FILE FREE - PMA SMF RECORDING RESUMED SMF RECORDS BYPASSED

Reason

The spool file is now free and SMF recording has resumed.

APCS892S:

VSAM FUNCTION SEQUENCE ERROR
LSTF=llll, NEWF=nnnn, DATA=aaa, KEYL=kkkk, DLEN=dddd,
REQUESTOR ASID=aa, TCB=ttttt, JOB=jjjjjjjj

Reason

A VSAM function sequence error has occurred. The last function executed was llll, the new function to execute was nnnn, the data address was aaa, the key length was kkkk, the data length was dddd, the requestor ASID was aa, the TCB was ttttt, and the job was jjjjjjjj.

Action

Check for other messages.

APCS990U:

MISSING OR BAD PARAMETER-LIST PASSED, R1=aaaaaaaa

Reason

This message indicates an internal error of the PMA Server.

Processing tries to terminate orderly, but might abend.

Action

Check for any other messages indicating a problem.

APCS991U:

UNEXPECTED ERROR OR CONDITION ENCOUNTERED

Reason

A function or macro call passed back an unexpected return code indicating an error or an unusual condition. Along with this message the macro, function, or program are shown where the error occurred with the return or reason code and some diagnostic data.

Processing tries to terminate orderly, but might abend.

Action

Check for any other messages indicating a problem. If the reason for the problem cannot be fixed it might be necessary to call the technical support for the PMA Server.

APCS992T:

THIS COMPONENT HAS NOT BEEN ENABLED. PLEASE CONTACT YOUR PMA SUPPORT REPRESENTATIVE

Reason

The PMA Server must be enabled to run on your system under advice of the technical support for the PMA Server.

Processing terminates.

Action

Contact your product distributor to enable the PMA Server on your system.

Spool Interface Program (SIP) Messages

APCSI001

PMA SIP STARTED SUCCESSFULLY

Reason

This message appears as the starting message for the Server Spool Interface Program (SIP).

Action

No response is required. This message can be used in your automation process to recognize that the Spool interface is starting.

APCSI011

SIP ENDING STOP - COMMAND RECEIVED

Reason

This message appears when the Server Spool Interface Program (SIP) ends.

Action

No response is required. This message can be used in your automation process to recognize that the Spool interface is ending.

APCSI111

CANNOT OPEN JOBFILE RETRY IN 1 MIN

Reason

This message is issued if the PMA KSDSJOB file cannot be opened because it is already in use by another task. Up to 15 retries are made before issuing message APCS192S and the SIP is terminated.

Action

No response is normally required. However, if all 15 retries are used and the SIP is terminated, the cause of the lockout should be investigated.

APCSI80S

NO SPOOL GDG ENTRY FOUND, NEW INITIAL GDG LEVEL G0001V00 WILL BE CREATED.

Reason

No spool GDG file level was found, a new initial level is created.

Action

No response is required. The first spool GDG level has been created automatically and the spool interface program continues with SMF recording.

APCSI91E

PMA SIP TERMINATED ALREADY ACTIVE

Reason

This message indicates that a Spool Interface Program (SIP) initialization found that a SIP was already active and aborted the new session.

Action

Check to see where and why the already existing SIP is running and if it is correct, find out how the second SIP was started.

APCSI92S

MAX RETRIES FOR JOBFILE EXCEEDED

Reason

The error only occurs when a DD card with the ddname APCSJOB1 is used. The PMA KSDSJ0B file fails to open because another task holds it. The open is tried 15 times at one-minute intervals, after which the APCSASIP program terminates.

Action

Determine which task was holding the PMA KSDSJ0B file and why it locked out SIP. Restart the PMA SIP when the task is not active or the reason for the lockout is resolved.

APCSI93S

JOBFILE UNUSEABLE SIP CANCELLED

Reason

A serious error occurred while opening the PMA KSDSJOB file. The SIP job canceled itself.

Action

Determine the reason that the PMA KSDSJOB file could not be opened. If possible, fix the problem and restart the PMA SIP.

APCSI94I

JOBFILE LOCK PREVENTION DISABLED

Reason

Some backup and archive products can block access to the job file. If the problem arises, it can be circumvented by including a DD card ddname APCSJOB1 for the PMA KSDSJOB file. This message is displayed at startup if the DD card is not present.

Action

No response is required.

APCSI95I

SIP APCXACAL SUBTASK ALREADY ACTIVE SWITCH BYPASSED

Reason

The subtask to process and save the accumulated SMF records from last spool transfer interval is still active. Processing of the SMF records of the current interval was not started, current SMF records is processed with the next spool transfer interval.

Action

No immediate response is required. If this message appears more often increase the spool transfer interval time (PMA Server Component main menu, option 5 Spool, Spool transfer interval).

APCSI95S

DYNALLOC FOUND DUPLICATE DSN FOR data set

Reason

The dynamic allocation of new data set has failed because a data set with this name already exists.

Action

Contact product support.

APCSI96S

DYNALLOC FOUND ALLOCATED DSN FOR data set

Reason

The dynamic allocation of data set data set has failed because the requested data set is unavailable (data set is allocated to another job/task).

Action

Contact product support.

APCSI97S

ALL PMA SPOOL FILES BLOCKED/HELD BY FOREIGN TASK(S). NO FURTHER SMF PROCESSING POSSIBLE. CORRECT AND RESTART SIP

Reason

The allocation of spool files during the last switch process has failed because all spool files are blocked/held by foreign tasks.

Action

Check the reason why all PMA spool files are blocked/held by other jobs/tasks. If the spool files are no longer blocked/held, restart the SIP STC.

APCSI99W

SIP ENDING STOP COMMAND RECEIVED - ACTIVE SUBTASK CANCELLED

Reason

SIP has detected that a started subtask was still active when the STOP command was received. SIP has canceled the subtask before the STOP process was been completed.

Action

No response is required. The SIP STC has canceled the active subtask/s automatically.

Chapter 7: APCCASDI Messages Importing CICS SMF Data

This section contains the following topics:

[APCCASDI Messages \(Importing CICS SMF Data\)](#) (see page 139)

APCCASDI Messages (Importing CICS SMF Data)

The following messages are generated from module APCCASDI.

APCCASDI:

APCCASDI BATCH JOB STEP STATISTIC FROM <yyyy-mm-dd>

Reason:

Program process header. <yyyy-mm-dd> is the program execution date.

Action:

This message is for information only.

APCCASDI:

<nnnnnnnnnn> SMF RECORDS READ FROM DATASET

Reason:

Process information:<nnnnnnnnnn> records were retrieved in total from the input file.

Action:

This message is for information only.

APCCASDI:

<nnnnnnnnnn> SMF TYPE110 RECORDS READ

Reason:

Process information:<nnnnnnnnnn> records were retrieved from input file.

Action:

This message is for information only.

APCCASDI:

<nnnnnnnnnn> SMF TYPE110 COMPRESSED RECORDS READ

Reason:

Process information: input file has contained <nnnnnnnnnnnn> compressed SMF 110 records which have been decompressed for further processing.

Action:

This message is for information only.

APCCASDI:

<nnnnnnnnnn> SMF TYPE110 DICTIONARY RECORDS READ

Reason:

Process information: input file has contained <nnnnnnnnnnnn> SMF 110 CoD 1 records.

Action:

This message is for information only.

APCCASDI:

<nnnnnnnnnn> SMF TYPE110 PERFORMANCE RECORDS READ

Reason:

Process information: input file has contained <nnnnnnnnnnnn> SMF 110 CoD 3 records.

Action:

This message is for information only.

APCCASDI:

<nnnnnnnnnn> SMF TYPE110 EXISTING DICTIONARY RECS

Reason:

Process information: <nnnnnnnnnnnn> retrieved SMF 110 CoD 1 records did already exist on the PMA dictionary cluster.

Action:

This message is for information only.

APCCASDI:

<nnnnnnnnnn> SMF TYPE110 ADDED DICTIONARY RECORDS

Reason:

Process information:<nnnnnnnnnnnn> retrieved new SMF 110 CoD 1 records were saved on the PMA dictionary cluster.

Action:

This message is for information only.

APCCASDI:

<nnnnnnnnnn> SMF TRANSACTION RECORDS EXCLUDED

Reason:

Process information:<nnnnnnnnnnnn> SMF 110 CoD 3 records were skipped by exclusion definitions (PMA parameter menu, option C4)

Action:

This message is for information only.

APCCASDI:

<nnnnnnnnnn> SMF TRANSACTION RECORDS EXPANDED

Reason:

Process information:<nnnnnnnnnnnn> compressed records have been expanded successfully.

Action:

This message is for information only.

APCCASDI:

<nnnnnnnnnn> SMF TRANSACTION RECORDS WRITTEN

Reason:

Process information:<nnnnnnnnnnnn> records were written to the output file for further processing.

Action:

This message is for information only.

APCCASDI:

APCCASDI ENDED SUCCESSFUL ELAPSED TIME <nnnnn> SEC

Reason:

Process end message. <nnnnn> shows the duration time of APCCASDI.

Action:

This message is for information only.

APCCASSB:

ERROR ON OUTPUT TO KSDSCST, KEY = <key>

Reason:

An update or write operation to cluster KSDSCST with key <key> has failed. Program continues with processing the next input record.

Action:

Check the KSDSCST cluster or set up a reorganization with APCDAREO.

APCCASSB:

MORE THAN 100 VSAM-ERRORS - PROCESSING STOPPED

Reason:

More than 100 update or write operation to cluster KSDSCST have failed, program terminates.

Action:

Check the KSDSCST cluster or set up a reorganization with APCDAREO.

APCCASSB:

DD APC110I: INPUT FILE IS EMPTY.

Reason:

Input file assigned to DD APC110I is empty, processing terminates.

Action:

Check the input file in the first step of job APCCJSMF (step APCCASDI), if it contains CICS SMF 110 Performance records (SMF 110 CoD 3).

Chapter 8: Data Maintenance for CICS and IMS

This section contains the following topics:

[APCCALIF Messages \(CICS and IMS feature: Data Maintenance\)](#) (see page 143)

[APCIALIF Messages](#) (see page 144)

[APCDAREO Messages \(CICS and IMS feature\)](#) (see page 145)

APCCALIF Messages (CICS and IMS feature: Data Maintenance)

The following messages are generated from module APCCALIF.

APCCALIF:

APCCALIF CICS SMF DATA MAINTENANCE

Reason:

Program process header.

Action:

This message is for information only.

APCCALIF:

DEFINED CICS SMF RECORD EXPIRATION VALUES:

FOR SYSTEM RECORDS: <nnn> <DAY(S)/MONTH(S)>

FOR TRANSACTION RECORDS: <nnn> <DAY(S)/MONTH(S)>

FOR INTERVAL RECORDS: <nnn> <DAY(S)/MONTH(S)>

Reason:

Display of the defined lifetimes for CICS SMF records (PMA parameter menu, option C1).

Action:

This message is for information only.

APCCALIF:

DELETED CICS SMF RECORDS:
SYSTEM : <nnnnnnnnnn>
TRANSACTION : <nnnnnnnnnn>
INTERVAL : <nnnnnnnnnn>
TOTAL : <nnnnnnnnnn>

Reason:

Display of number of total deleted records and a detailed overview of deleted CICS SMF System, Transaction and Interval records

Action:

This message is for information only.

APCIALIF Messages

APCIALIF:

APCCALIF IMS INFO DATA MAINTENANCE

Reason:

Program process header.

Action:

This message is for information only.

APCIALIF:

DEFINED IMS INFO RECORD EXPIRATION VALUES:
FOR SYSTEM RECORDS: <nnn> <DAY(S)/MONTH(S)>
FOR TRANSACTION RECORDS: <nnn> <DAY(S)/MONTH(S)>
FOR INTERVAL RECORDS: <nnn> <DAY(S)/MONTH(S)>

Reason:

Display of the defined lifetimes for IMS INFO records (PMA parameter menu, option I1).

Action:

This message is for information only.

APCIALIF:

DELETED IMS INFO RECORDS:
SYSTEM : <nnnnnnnnnn>
TRANSACTION : <nnnnnnnnnn>
INTERVAL : <nnnnnnnnnn>
TOTAL : <nnnnnnnnnn>

Reason:

Display of number of total deleted records and a detailed overview of deleted IMS INFO System, Transaction and Interval records

Action:

This message is for information only.

APCDAREO Messages (CICS and IMS feature)

The following messages are generated from module APCDAREO.

APCDAREO:

APCDAREO : ERROR DETECTED : EXIT

Reason:

An error has occurring during the access of one of the used data cluster (KSDSCIC, KSDSIMS).

Action:

Verify that the data clusters are available.

APCDAREO:

APCDAREO DELETE PROTOCOL FROM <yyyy-mm-dd>

Reason:

Program process detail information header. <yyyy-mm-dd> is the program execution date.

Action:

This message is for information only.

APCDAREO:

LIFETIME: CICS = <cc> IMS <ii> CICS SMF = <cs> MONTH

Reason:

<cc> is the defined lifetime for CICS measurement data in months (PMA parameter Menu, option C1, Delete measurement data if older than), <ii> is the defined lifetime for IMS measurement data in months (PMA parameter Menu, option I1, Delete measurement data if older than), <cs> is the defined lifetime for CICS SMF data in months (PMA parameter Menu, option C1, Delete SMF System data older than).

Action:

This message is for information only.

APCDAREO:

CICS : <key> <yyyy-mm-dd>

Reason:

Process information, a CICS measurement data record with key <key>, last updated on <yyyy-mm-dd>, has been deleted because defined lifetime is exceeded

Action:

This message is for information only.

APCDAREO:

IMS : <key> <yyyy-mm-dd>

Reason:

Process information, a CICS measurement data record with key <key>, last updated on <yyyy-mm-dd>, has been deleted because defined lifetime is exceeded

Action:

This message is for information only.

APCDAREO:

DEL IMS ALERTS = <iiiiiiii> DEL CICS ALERTS = <cccccccc>

Reason:

<iiiiiiii> IMS transaction alert records and <cccccccc> CICS transaction alert record have been deleted because lifetime was exceeded.

Action:

This message is for information only.

APCDAREO:

APCDAREO ENDED SUCCESSFUL ELAPSED TIME = <nnnn> SECONDS

Reason:

Process end message. <nnnn> shows the duration time of APCDAREO.

Action:

This message is for information only.