IBM Application Performance Analyzer for z/OS

Messages Guide

Version 14 Release 0

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IBM

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> **Note**
>
> Before using this information and the product it supports, be sure to read the general information under Notices.

Contents

About this document

This document describes IBM® Application Performance Analyzer for z/OS®, Version 14 Release 0 .

For the latest Application Performance Analyzer PTF information, see http://www.ibm.com/software/awdtools/apa/support/.

Appendix A contains information about IBM Web sites that can help you answer questions and solve problems.

IBM Application Performance Analyzer for z/OS (also referred to as Application Performance Analyzer) is a tool you can use to analyze the performance of user applications throughout the design, development, and maintenance cycle.

If you need to install Application Performance Analyzer, refer to the Application Performance Analyzer *Program Directory* for installation instructions.

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Chapter 1. Introduction

Application Performance Analyzer displays messages in a format similar to the following example:

The message number format is AJT*nnnnx* where *nnnn* is numeric and *x* is one of the following letters:

I (Informational)
Information is furnished

W (Warning)
Processing attempts to continue

E (Error)
Processing terminates

S (Severe)
Application Performance Analyzer terminates

AJT0000W   **Messages were generated by your current request. You might enter a MESSAGES command to view them.**

Explanation: An error occurred while processing your current request. One or more messages were issued to describe it. You can view them by entering the MESSAGES command on the ISPF command line.

Operator response: Enter MESSAGES on the command line of the current display. Read the message or messages that are listed and if necessary, take the actions indicated by the message(s).

Chapter 2. Application Performance Analyzer Messages

This chapter describes where Application Performance Analyzer for z/OS messages are logged, and lists the message IDs and descriptions.

The Application Performance Analyzer for z/OS started task logs informational, error, and diagnostic messages to various JES destinations. All write-to-operator (WTO) messages that are issued by Application Performance Analyzer for z/OS specify routing codes 2 (Operator Information) and 11 (Programmer Information). The contents of these output files are described here by their ddnames:

JESMSGLG
> All critical messages will appear in JES Message Log. If the started task fails to start successfully, look in JES Message Log for messages reporting the failure.

COMMANDS
> Any commands processed by the started task (external or internal) are logged to this file. The command text is displayed here, as well any message associated with the command.

CDS, CHKP, CMDP, GRHS, J9VM, LOAD, LOGR, MAIN, OIMS, SRMS, URSS, XMCS, XRS
> Each of these represents a single subtask attached by the Application Performance Analyzer for z/OS started task and contains messages logged by that task. These are primarily informational messages and during normal operations you need not be concerned with the contents of these files. They can be useful during problem diagnosis.

RQ#_request_number_**, DTW**_request_number_**, ESD**_request_number_**, HVX**_request_number_
> The Application Performance Analyzer for z/OS started task will allocate up to four sysout data sets for each sampling request submitted by a user. These data sets have the following format:
> RQ#_request_number_
> DTW_request_number_
> ESD_request_number_
> HVX_request_number_
>
> Where _request_number_ represents the sampling request number. These are primarily informational messages and during normal operations you need not be concerned with the contents of these files. They can be useful during problem diagnosis.

> **RQ#**_request_number_
>> Contain messages related to the sampling phase of a sampling request.

> **DTW**_request_number_
>> Contain messages related to the sample file creation phase of the sampling request.

> **ESD**_request_number_
>> Contain messages related to the load module analysis phase of the sampling request.

HVX*request_number*

Contain messages related to the SQL host variable name resolution phase of the sampling request. This sysout is allocated when the DB2V Extractor is selected.

Messages are sorted in alphanumeric order.

AJT0008E   **Invalid** *keyword* **value -** *error*

Explanation: This is a general parsing error for the NEW command. It describes an error detected for a keyword's value.

keyword Represents the keyword in error.

error   Describes the error as one of the following possibilities:

- The length is incorrect.
- The date separator is not valid.
- The value is not numeric or is out of range.
- The required Time value is missing.
- The qualified data is not valid.
- The qualifier is too long for the data type.
- The data contains characters that are not valid.
- The member name is not allowed.
- The member name is not valid.
- The data set name is missing.
- Too many qualifiers are used.
- The time separator is not valid.
- The number of qualifiers is incorrect.
- The value contains characters that are not valid.
- The value contains syntax that is not valid.

System action: The command fails.

Operator response: Review the syntax for the keyword in error and correct its contents based on the error description.

AJT0102E   **Misplaced equal sign**

Explanation: An equal sign (=) did not immediately follow a keyword. Messages AJT0198I and AJT0199I display details of the portion of the statement that is in error.

System action: Command is terminated.

Operator response: None.

Detecting module: CAZC0030, CAZC0035, CAZC0390

AJT0103E   **Misplaced delimiter character**

Explanation: A value expression delimiter ("'~) was encountered and not expected. Messages AJT0198I and

AJT0199I display details of the portion of the statement that is in error.

System action: Command is terminated.

Operator response: None.

Detecting module: CAZC0030, CAZC0035, CAZC0390

AJT0104E   **Misplaced open parenthesis "("**

Explanation: An unexpected open parenthesis was encountered. An open parenthesis is used to begin a list of positional values for a keyword. Messages AJT0198I and AJT0199I display details of the portion of the statement that is in error.

System action: Command is terminated.

Operator response: None.

Detecting module: CAZC0030, CAZC0035, CAZC0390

AJT0105E   **Misplaced close parenthesis ")"**

Explanation: An unexpected close parenthesis was encountered. A close parenthesis is used to terminate a list of positional values for a keyword. Messages AJT0198I and AJT0199I display details of the portion of the statement that is in error.

System action: Command is terminated.

Operator response: None.

Detecting module: CAZC0030, CAZC0035, CAZC0390

AJT0106E   **Misplaced comma**

Explanation: An unexpected comma was encountered. Commas are used to separate positional values. Messages AJT0198I and AJT0199I display details of the portion of the statement that is in error.

System action: Command is terminated.

Operator response: None.

Detecting module: CAZC0030, CAZC0035, CAZC0390

AJT0107E   **Premature end**

Explanation: The end of an expression was encountered prior to encountering an expected closing delimiter. Messages AJT0198I and AJT0199I display details of the portion of the statement that is in error.

System action: Command is terminated.

Operator response: None.

Detecting module: CAZC0030, CAZC0035, CAZC0390

AJT0110E   **Invalid hex character**

Explanation: A character other than 0-9 or 'abcdefABCDEF' was encountered inside a hex specification (that is, X'abcd') or end of expression was encountered before the end apostrophe. Messages AJT0198I and AJT0199I display details of the portion of the statement that is in error.

System action: Command is terminated.

Operator response: None.

Detecting module: CAZC0030, CAZC0035, CAZC0390

AJT0112E   **Expecting blank, comma or ")" after value**

Explanation: A new keyword was specified after a value expression without the required blank, comma or closing parenthesis. Messages AJT0198I and AJT0199I display details of the portion of the statement that is in error.

System action: Command is terminated.

Operator response: None.

Detecting module: CAZC0030, CAZC0035, CAZC0390

AJT0113E   **Positional value must be first**

Explanation: A positional value expression was encountered after a keyword value expression. Messages AJT0198I and AJT0199I display details of the portion of the statement that is in error.

System action: Command is terminated.

Operator response: None.

Detecting module: CAZC0030, CAZC0035, CAZC0390

AJT0114E   **Unbalanced parenthesis**

Explanation: A keyword value expression specified within parentheses was missing one or more closing parenthesis. Messages AJT0198I and AJT0199I display details of the portion of the statement that is in error.

System action: Command is terminated.

Operator response: None.

Detecting module: CAZC0030, CAZC0035, CAZC0390

AJT0116E   **Zero or uneven number of hexadecimal characters**

Explanation: A hexadecimal expression was specified with an odd number of characters. Messages AJT0198I and AJT0199I display details of the portion of the statement that is in error.

System action: Command is terminated.

Operator response: None.

Detecting module: CAZC0030, CAZC0035, CAZC0390

AJT0131E   **Expression contains undefined keyword**

Explanation: A keyword expression was encountered that is not part of the syntax for the statement. Messages AJT0198I and AJT0199I display details of the portion of the statement that is in error.

System action: Command is terminated.

Operator response: None.

Detecting module: CAZC0030, CAZC0035, CAZC0390

AJT0135E   **Invalid numeric data**

Explanation: The expression specified a value that contained non-numeric data where a numeric value is required. Messages AJT0198I and AJT0199I display details of the portion of the statement that is in error.

System action: Command is terminated.

Operator response: None.

Detecting module: CAZC0030, CAZC0035, CAZC0390

AJT0136E   **Numeric data too long (>18)**

Explanation: The expression specified a numeric value that resolved to a number consisting of more than 18 significant digits. Messages AJT0198I and AJT0199I display details of the portion of the statement that is in error.

System action: Command is terminated.

Operator response: None.

Detecting module: CAZC0030, CAZC0035, CAZC0390

AJT0137E   **Data too large for target field**

Explanation: The expression specified a value that consisted of more characters than the maximum length allows for the expression. Messages AJT0198I and AJT0199I display details of the portion of the statement that is in error.

System action: Command is terminated.

Operator response: None.

Detecting module: CAZC0030, CAZC0035, CAZC0390

AJT0138E   **Value specified not one of the allowable values for this term**

Explanation: The Input expression specified a value that was not one of the allowable values for the expression. Messages AJT0198I and AJT0199I display details of the portion of the statement that is in error.

System action: Command is terminated.

Operator response: None.

Detecting module: CAZC0030, CAZC0035, CAZC0390

AJT0139E   Invalid numeric: too many decimal digits

Explanation: The expression specified a decimal numeric value. The number of digits to the right of the decimal point was greater than that permitted for the expression. Messages AJT0198I and AJT0199I display details of the portion of the statement that is in error.

System action: Command is terminated.

Operator response: None.

Detecting module: CAZC0030, CAZC0035, CAZC0390

AJT0142E   Too many occurrences of keyword: *keyword*

Explanation: The expression specified a keyword more times than allowed by the syntax for the expression. *keyword* represents the keyword in the error. Messages AJT0198I and AJT0199I display details of the portion of the statement that is in error.

System action: Command is terminated.

Operator response: None.

Detecting module: CAZC0030, CAZC0035, CAZC0390

AJT0143E   Missing required positional value for keyword: *keyword*

Explanation: The expression specified a keyword without a required positional value. *keyword* represents the keyword in error. Messages AJT0198I and AJT0199I display details of the portion of the statement that is in error.

System action: Command is terminated.

Operator response: None.

Detecting module: CAZC0030, CAZC0035, CAZC0390

AJT0144E   Missing required positional value

Explanation: The expression did not specify a required positional value. This message will be issued for required positional values that are to appear prior to any keywords. Messages AJT0198I and AJT0199I display details of the portion of the statement that is in error.

System action: Command is terminated.

Operator response: None.

Detecting module: CAZC0030, CAZC0035, CAZC0390

AJT0145E   Required Keyword: *keyword* **not found**

Explanation: The expression did not specify a required keyword expression. Messages AJT0198I and AJT0199I display details of the portion of the statement that is in error.

System action: Command is terminated.

Operator response: None.

Detecting module: CAZC0030, CAZC0035, CAZC0390

AJT0146E   Required Keyword: *keyword* **not found for Parent:** *parent*

Explanation: The expression did not specify a required keyword expression. This message will appear for a lower level keyword (that is, one with a parent keyword such as ParKwd=(ReqKwd=value).). *keyword* represents the required keyword from the associated Template Map Keyword entry. *parent* represents the parent keyword. Messages AJT0198I and AJT0199I display details of the portion of the statement that is in error.

System action: Command is terminated.

Operator response: None.

AJT0148E   Expression contains invalid syntax

Explanation: A statement specified a positional parameter after the first keyword expression has been specified. Positional parameters must precede any keyword parameters. Messages AJT0198I and AJT0199I display details of the portion of the statement that is in error.

System action: Command is terminated.

Operator response: None.

Detecting module: CAZC0030, CAZC0035, CAZC0390

AJT0198I   *variable text*

Explanation: This message provides details of error messages about syntax errors. *variable text* contains the portion of a statement or command expression that is in error. See the example at the end of AJT0199I.

System action: None.

Operator response: None.

Detecting module: CAZC0030, CAZC0035, CAZC0390

AJT0199I   *

Explanation: This message contains a single asterisk to point to where the syntax error described by message AJT0198I occurred. See the example at the end of this section.

System action: Command is terminated.

Operator response: None.

Detecting module: CAZC0030, CAZC0035, CAZC0390

Example of AJT0198I and AJT0199I

In the example below, message AJT0102E describes the cause of a syntax error in a CONFIG statement. AJT0198I displays the portion of the statement in error, and AJT0199I points to the portion of the statement (described by AJT0198I) that is in error.

```
AJT0102E Misplaced equal sign
AJT0198I                          SystemId==CAZ1
AJT0199I                                       *
```

AJT0200S   **Data space could not be created – too many data spaces exist (*nnnn*).**

Explanation: This is an internal error. An attempt to create a new data space failed because Application Performance Analyzer has created too many data spaces in this address space. Creation of another data space would have caused an overflow of an internal table. *nnnn* represents the maximum number of data spaces allowed.

System action: The process abends with abend code U4080.

Operator response: Contact product support.

AJT0201S   **DSPSERV function_code failed RC=*return_codeX*, RSN=*reason_codeX*.**

Explanation: The DSPSERV function named by function_code has failed. *return_codeX* and *reason_codeX* represent the hexidecimal return and reason codes respectively. See the return and reason codes in the *MVS Programming: Authorized Assembler Services Reference* for the DSPSERV macro.

System action: The process abends with abend code U4080.

Operator response: Contact product support.

AJT0202S   **ALESERV function_code failed RC=*return_codeX*.**

Explanation: The ALESERV function named by function_code has failed. *return_codeX* represent the hexidecimal return and reason code.

System action: The process abends with abend code U4080.

Operator response: Contact product support.

AJT0203S   **Data space could not be extended – unknown requestor (*id_1*, *id_2*).**

Explanation: This is an internal error. An attempt to extend a data space failed because Application Performance Analyzer could not identify the original "owner" of the data space. A possible cause for this

problem is a storage overlay. *id_1* and *id_2* are diagnostic data for product support.

System action: The process abends with abend code U4080.

Operator response: Contact product support.

AJT0204W   **Data space full. Report *aaa* might not be complete.**

Explanation: An attempt to extend a reporting data space beyond its maximum size failed. The report named by *aaa* might be incomplete.

System action: Application Performance Analyzer continues processing.

Operator response: Contact product support.

AJT0205E   **I/O error processing input/output dataset: *aaaa*; see message AJT0206I**

Explanation: An I/O error was detected while processing data set specified by *aaaa*. Message AJT0206I follows to provide details of the error.

System action: Operation is cancelled.

Operator response: Refer to message AJT0206I for more information.

AJT0206I   **Error information for message AJT0205E**

Explanation: This message provides details of the I/O error described by message AJT0205E.

System action: None.

Operator response: Attempt to resolve the error based on the information provided here. Contact product support if you are not able to resolve the problem.

AJT0207E   **Error detected processing input/output dataset: *aaaa*; see message AJT0208I**

Explanation: An error was detected while processing data set specified by *aaaa*. Message AJT0208I follows to provide details of the error.

System action: Operation is cancelled.

Operator response: Refer to message AJT0208I for more information.

AJT0208I   **Error information for message AJT0207E**

Explanation: This message provides details of the I/O error described by message AJT0207E.

System action: None.

Operator response: Attempt to resolve the error based on the information provided here. Contact product support if you are not able to resolve the problem.

CAZ0001I   **Application Performance Analyzer for z/OS Version** *version.release* **APAR** *apar* **starting.**

Explanation: During the initialization of the main task, the version, release, and APAR numbers are reported.

System action: Application Performance Analyzer for z/OS continues initialization.

Operator response: None.

CAZ0006E   **Foreground mode invalid. Terminating.**

Explanation: CAZ00001 was executed in TSO foreground.

System action: Application Performance Analyzer terminates.

Operator response: Application Performance Analyzer must be run in a batch region or started task.

CAZ0007E   **Unable to LOAD CAZ00085. Terminating.**

Explanation: During initialization, the message logging module CAZ00085 could not be loaded.

System action: Application Performance Analyzer terminates.

Operator response: This is probably caused by an incorrect library concatenation in STEPLIB. Correct the JCL and resubmit.

CAZ0008E   **Unable to LOAD CAZ00002. Terminating.**

Explanation: During initialization, the module CAZ00002 could not be loaded.

System action: Application Performance Analyzer terminates.

Operator response: This is probably caused by an incorrect library concatenation in STEPLIB. Correct the JCL and resubmit.

CAZ0009E   **Program is not authorized. Terminating.**

Explanation: CAZ00001 terminated because it was not APF authorized.

System action: Application Performance Analyzer terminates.

Operator response: Verify that the product load library is APF authorized and that no unauthorized libraries are included in the STEPLIB concatenation. Verify the AC=1 attribute for the CAZ00001 load module.

CAZ0010E   **Unable to establish ESTAE. R15=X'**return_code**' R0=X'**reason_code**'**

Explanation: During initialization, CAZ00001 was unable to establish an ESTAE exit routine. The return code and reason code from the ESTAEX macro are reported as X'*return_code*' and X'*reason_code*'.

System action: Application Performance Analyzer terminates.

Operator response: Refer to the Application Performance Analyzer technical support Web site at www.ibm.com/software/awdtools/apa/support/ to find a possible resolution to this problem.

CAZ0012I   **Application Performance Analyzer is licensed for the following features:** *feature_1...feature_n*

Explanation: This message is issued at startup and lists the Application Performance Analyzer features (*feature_1...feature_n*) that this current system is licensed for.

System action: Application Performance Analyzer continues initialization.

Operator response: None.

CAZ0014E   **Application Performance Analyzer cannot operate in sysplex mode due to errors.**

Explanation: A previous error occurred during sysplex initialization and is preventing Application Performance Analyzer from completing initialization.

System action: Application Performance Analyzer terminates.

Operator response: Refer to messages prior to this one for more information about the cause of the error.

CAZ0015E   **Request:** *request_number* **selecting Active JOB:** *job_name* **in ASID:** *identifier* **on:** *yyyy/mm/dd hh:mm* **was not found. Rejected.**

Explanation: A measurement request was submitted to measure an active job at some future date and time. At the time the measurement request was submitted, the selected job was executing under an ASID. When the date and time arrived to start the measurement session, the original job had terminated and a new job with the same *job_name* was running, but under a different ASID.

request_number
    Request number

job_name
    Selected job name

---

yyyy/*mm*/*dd*
Selected start date

hh:*mm*
Selected start time

System action: Application Performance Analyzer marks the request "Failed."

Operator response: Resubmit a new request and delete the failed request.

CAZ0016E **SYSPLEX group name** *group_name* **already in use by an instance of Application Performance Analyzer with ID:** *APA_ID*

Explanation: Application Performance Analyzer has detected that you are running another instance of Application Performance Analyzer with the same group name on the same system. You can only run one instance of Application Performance Analyzer with the same group name on the same system.

System action: Application Performance Analyzer terminates.

CAZ0018E **Sysplex Event Manager has terminated prematurely. Application Performance Analyzer is shutting down. - or - IEFUSI Request Servicing subtask has terminated prematurely. Application Performance Analyzer is shutting down.**

Explanation: The named component of Application Performance Analyzer has ended abnormally (ABEND).

System action: Application Performance Analyzer terminates.

Operator response: Refer to messages prior to this one for more information about the cause of the error.

CAZ0019E **CHKP DSN mismatch with sysplex MEMBER=***member_name***; DSN=***file_name*

Explanation: Application Performance Analyzer has detected that another Application Performance Analyzer member of the same sysplex group, is using a different checkpoint file name. All members of the same group must use the same checkpoint file name.

member_name
Represents member name of the Application Performance Analyzer whose checkpoint file name does not match this name of Application Performance Analyzer.

file_name
Represents the checkpoint file name of this Application Performance Analyzer.

System action: Application Performance Analyzer terminates.

Operator response: Change the checkpoint file names in the configuration of sysplex members *member_name*, *file_name*, or both so that they match, and then stop and restart these tasks.

CAZ0020I **High Level Qualifier is** *high_level_qualifier*

Explanation: During initialization of the main task, this message reports the high level qualifier (*high_level_qualifier*) used for any new data sets created by this instance of Application Performance Analyzer .

System action: Application Performance Analyzer continues initialization.

Operator response: None.

CAZ0021E **High Level Qualifier** *high_level_qualifier* **already in use by an instance of Application Performance Analyzer with ID:** *task_ID*

Explanation: During initialization, another started task instance of Application Performance Analyzer was executing and was using the same high level qualifier. *high_level_qualifier* indicates the HLQ and *task_ID* is the ID of the other Application Performance Analyzer started task.

System action: Application Performance Analyzer terminates.

Operator response: Refer to the Application Performance Analyzer *Customization Guide* for information about defining started task configuration settings.

CAZ0022S **Unsupported level of the operating system, Application Performance Analyzer is terminating.**

Explanation: Application Performance Analyzer has detected that it is executing on a level of the operating system that Application Performance Analyzer does not support. Refer to message CAZ0004D for more information about operating system level.

System action: Application Performance Analyzer terminates.

Operator response: Refer to the Application Performance Analyzer *Program Directory* for information about the product levels supported.

CAZ0023W **Application Performance Analyzer has detected a non-JES2 primary subsystem, I/O sampling will not report on SYSOUT data sets.**

Explanation: Application Performance Analyzer has detected that it is executing on a non-JES2 system. SYSOUT data sets will not be sampled and therefore

the I/O reports will lack SYSOUT information. System action: Application Performance Analyzer continues initialization.

Operator response: None.

CAZ0024E   Sysplex is not available on this MVS image, processing cannot proceed.

Explanation: You have requested Application Performance Analyzer to execute in sysplex mode and Application Performance Analyzer has determined that sysplex is not available on the MVS™ image.

System action: Application Performance Analyzer terminates.

Operator response: Either change this started task to run in non-sysplex mode, or run it on an MVS image where sysplex is available.

CAZ0025E   Request: *request_number* **selecting Active JOB:** *job_name* **in ASID:** *identifier* **was not found. Rejected.**

Explanation: A measurement request was submitted to measure an active job that is no longer executing under the selected address space ID.

request_number
    Request number

job_name
    Selected job name

identifier
    Address space id of the job.

System action: Application Performance Analyzer marks the request failed.

Operator response: Resubmit a new request and delete the failed request.

CAZ0026I   Application Performance Analyzer waiting for outstanding sampling to complete. Wait time is: *minutes:seconds* **(mmmm:ss).**

Explanation: Application Performance Analyzer is shutting down and has detected active sampling sessions. The started task must wait for these sessions to complete. The estimated wait time is represented by *minutes:seconds*; where *mmmm* represents minutes and *ss* represents seconds.

System action: Application Performance Analyzer waits.

CAZ0027E   STOP operator command detected.

Explanation: This message indicates that an operator has entered STOP command requesting the Application Performance Analyzer started task to shut down.

System action: Application Performance Analyzer terminates.

Operator response: Correct the value of SPXGroupName in CONFIG BASIC and restart Application Performance Analyzer.

CAZ0028E   SYSPLEX user state mismatch. Possible invalid group name: *SPXGroupName_variable***.**

Explanation: Application Performance Analyzer has attempted to join a SYSPLEX group but has detected that it has joined the wrong group. A possible cause for this is an incorrect SPXGroupName value was specified.

System action: Application Performance Analyzer terminates.

Operator response: Correct the value of SPXGroupName in CONFIG BASIC and restart Application Performance Analyzer.

CAZ0029E   Security type mismatch with SYSPLEX MEMBER=*member***.**

Explanation: This message indicates that while initializing in a sysplex group, this instance of Application Performance Analyzer has detected that it is using a security mode that does not match the other members of the sysplex group.

All members of the sysplex group must use the same security mode. Refer to the SECURITY keyword in the 'CONFIG BASIC' statement of started tasks configuration settings for more information.

System action: Application Performance Analyzer terminates.

Operator response: Ensure that all sysplex members are configured to use the same security type.

CAZ0030E   HFS ALESERV ADD failed at initialization. RC=~~~~~~~~

Explanation: An ALESERV ADD failed for the HFS SYSZBPX2 data space.

System action: Processing continues, but no HFS data can be extracted for any observation request.

Operator response: Contact product support

CAZ0031E   OMVS is not up after waiting 5 minutes.

Explanation: IBM Application Performance Analyzer timed out waiting for OMVS to start. If OMVS is not running, Application Performance Analyzer cannot obtain HFS file statistics.

System action: Application Performance Analyzer terminates.

Operator response: Restart Application Performance Analyzer after OMVS has started.

CAZ0032W **This Started Task is running in Service Class:** *aaaa*, **performance may be degraded.**

Explanation: IBM Application Performance Analyzer detected that it was assigned to service class: *aaaa*. If this service class is at a lower priority than SYSSTC, then Application Performance Analyzer TSO users may experience poor response and timeouts.

System action: None.

Operator response: Assign the Application Performance Analyzer started task to service class SYSSTC.

CAZ0033E **CDS DSN mismatch with SYSPLEX MEMBER=***aaaaaaaa***; DSN=***bbbbbbbb*

Explanation: Application Performance Analyzer has detected that another Application Performance Analyzer member of the same SYSPLEX group is using a different CDS file name. All members of the same group must use the same CDS file name.

- *aaaaaaaa* - Represents member name of the Application Performance Analyzer whose CDS file name does not match this Application Performance Analyzer's file name.

- *bbbbbbbb* - Represents the CDS file name of this Application Performance Analyzer.

System action: Application Performance Analyzer terminates.

Operator response: Change the CDS File names in the configuration of sysplex members so they match and then stop and restart these tasks.

CAZ0034I **Request** *aaaaa* **deleted due to observation dataset not found.**

Explanation: The Application Performance Analyzer started task determined that an observation existed without an observation dataset. The observation was deleted because it was useless.

System action: Application Performance Analyzer continues processing.

Operator response: None. This action was triggered because the Application Performance Analyzer configuration file specified the following CONFIG BASIC options: OBSMaintenance=(DelDSNotFnd=Y)

CAZ0035W **Checkpoint file is not compatible with non-SYSPLEX mode of operation.**

Explanation: The Application Performance Analyzer started task is running at software level version 14 or later; and the started task is NOT running as part of a SYSPLEX group. The checkpoint file was created by software level version 13 or earlier. This earlier version of the checkpoint file is permitted by the current software level ONLY when the started task is running as part of a SYSPLEX group.

System action: Application Performance Analyzer stops.

Operator response: Refer to *IBM Application Performance Analyzer for z/OS Customization Guide* for instructions on how to convert the checkpoint file.

CAZ0036W **IBM APA for z/OS is operating in checkpoint file compatibility mode.**

Explanation: The Application Performance Analyzer started task is running at software level version 14 or later. The specified checkpoint file was created by software level version 13 or earlier. This earlier version of the checkpoint file is not fully compatible with the current software level. Certain new features are available to you only after the checkpoint file is converted.

System action: Application Performance Analyzer continues in checkpoint file compatibility mode.

Operator response: Refer to *IBM Application Performance Analyzer for z/OS Customization Guide* for instructions on how to convert the checkpoint file.

CAZ0037W **Old format checkpoint file used in SYSPLEX mode requires permission.**

Explanation: The Application Performance Analyzer started task is running at software level version 14 or later in SYSPLEX mode. The specified checkpoint file was created by software level version 13 or earlier. This earlier version of the checkpoint file is not fully compatible with the current software level. Certain new features are available to you only after the checkpoint file is converted.

However, the user can permit instances of v14 Application Performance Analyzer to run in the same SYSPLEX group with an old format checkpoint file as older versions of Application Performance Analyzer. To give permission, the user must specify COMPAT=(CHKFILEV=22) in the CONFIG BASIC section of all Application Performance Analyzer v14 members that belong to the SYSPLEX group.

System action: Application Performance Analyzer stops.

Operator response: Refer to *IBM Application Performance Analyzer for z/OS Customization Guide* for details on COMPAT=(CHKFILEV=22).

CAZ0051S   **Unable to create global name/name token. RC=***return_code***.**

Explanation: Application Performance Analyzer issued a Global Name/Token services request (to IEANTRT) that failed. This could indicate a system environmental problem.

System action: Application Performance Analyzer terminates.

Operator response: Examine the reported return code *return_code* and analyze the reason why IENTRT might have failed.

CAZ0052S   **Unable to retrieve global name/token. RC=***return_code*

Explanation: Application Performance Analyzer issued a Global Name/Token services request (to IEANTRT) which failed. This could indicate a system environmental problem.

System action: Application Performance Analyzer terminates.

Operator response: Examine the reported return code *return_code* an analyze the reason why IENTRT might have failed.

CAZ0053S   **Mismatched PAB entry lengths. Terminating.**

Explanation: During initialization, Application Performance Analyzer established access to an existing Application Performance Analyzer Anchor Block (PAB), but the length of this existing PAB was not valid. This is an internal error.

System action: Application Performance Analyzer terminates.

Operator response: Refer to the Application Performance Analyzer technical support Web site at www.ibm.com/software/awdtools/apa/support/ to find a possible resolution to this problem.

CAZ0054W   **Failed to obtain PME active index lock.**

Explanation: A task failed to obtain the PME active index lock.

System action: Execution continues, but errors might occur.

Operator response: Report this error to product support.

CAZ0055S   **Too many lock failures.**

Explanation: Too many CAZ0054W error messages were issued.

System action: Application Performance Analyzer stops.

Operator response: Report this error to product support.

CAZ0058E   **All PAB entries used. Terminating.**

Explanation: The maximum number of Application Performance Analyzer started tasks is already executing. You must stop one or more of these instances before it is possible to start a new one.

System action: Application Performance Analyzer terminates.

Operator response: Stop an instance of Application Performance Analyzer that is currently not in use and try to restart the failed instance.

CAZ0059E   **Application Performance Analyzer ID** *task_ID* **already in use by STC** *started_task_job_name*

Explanation: One of two problems might have occurred:

1. Another instance of the Application Performance Analyzer-started task is executing and using the same ID (*task_ID*) as this started task. A unique ID must be used for each Application Performance Analyzer started task. *started_task_job_name* is the job name of started task already using the ID.

2. A previous execution of the Application Performance Analyzer-started task either ended abnormally (ABEND) or was cancelled and the started task could not shutdown properly.

System action: Application Performance Analyzer terminates.

Operator response: If the error was caused by option 1, then refer to the Application Performance Analyzer *Customization Guide* for information about defining started task configuration settings.

If the error was caused by option 2, then perform the following:

1. Add the following line to the CONFIG OPER statement in the configuration file of the Application Performance Analyzer started task in question:

   PABENTReset=YES

2. Restart the Application Performance Analyzer started task.

Note: PABENTReset is a special operational parameter to be used only in this situation or as directed by product support. Once the started task has successfully started, you must remove the PABENTReset line from the Configuration file. Failure to do so will prevent Application Performance Analyzer from detecting if a duplicate started task was accidentally submitted.

CAZ0070I   **Subtask starting for** *job_name* **request** *request_number*

Explanation: Application Performance Analyzer has started a new subtask to initiate a sampling session. The name of the job being measured is indicated by *job_name* and *request_number* is the request number.

System action: None.

Operator response: None.

CAZ0071I   **Subtask detached for** *job_name* **request** *request_number*

Explanation: Application Performance Analyzer has completed a sampling session for job *job_name*, request number *request_number*. The subtask that was attached to process this session has ended and has been detached.

System action: None.

Operator response: None.

CAZ0072I   **Sampling started for request number** **0000***nnnn* **by SSID** *ssss*

Explanation: This indicates Application Performance Analyzer has started sampling for request number *nnnn* in started task *ssss*.

System action: None.

Operator response: None.

CAZ0073I   **Sampling ended for request number** **0000***nnnn* **by SSID** *ssss*

Explanation: This indicates Application Performance Analyzer has ended sampling for request number *nnnn* in started task *ssss*.

System action: None.

Operator response: None.

CAZ0074I   **Sample DSN** *dsn*

Explanation: This message is displayed with message CAZ0073I to indicate the data set name of the sample file created.

System action: The step is complete.

Operator response: None.

CAZ0080W   **Requested MaxUSSCM value:** *aaaa*, **is greater than currently configured maximum value:** *bbbb*.

Explanation: The Application Performance Analyzer started task CONFIG file specified a value for MaxUSSCM (*aaaa*) that is greater than the original value specified when the started task was first brought

up after an initial program load (IPL).

System action: Application Performance Analyzer continues initialization.

Operator response: In order for the new, higher MaxUSSCM value to take effect you must restart (re-IPL) your system.

CAZ0100I   **Application Performance Analyzer operating**

Explanation: Application Performance Analyzer completed its initialization. The system is now ready to process sampling.

System action: None.

Operator response: None.

CAZ0150E   **Scheduling for JOB** *job_name* **failed (***record_type***). Original request number** *request_number*.

Explanation: An attempt to create a new scheduling record for request number *request_number* failed. The value of *record_type* indicates what kind of record was being created:
- A step PME for an ACTIVE job request
- A multi-step PME for a scheduled job
- A step PME for a scheduled job
- A multi-step PME for a run-again job
- A step PME for a run-again job

System action: The new scheduling request fails.

Operator response: The most likely cause of this error is that the checkpoint file is full. Delete some old requests to make room for new ones.

CAZ0201E   **Error in OPEN of file-type**

Explanation: Performance Analysis Reporting was attempting to access the file described in file-type. The attempt failed because the file could not be opened.

System action: The ISPF dialog is terminated.

Operator response: Refer to any MVS system messages that might have been issued at the time of the error to determine a problem resolution.

CAZ0203E   **Auxiliary storage shortage.**

Explanation: While attempting to load the sample file, reporting detected that the system was running low on auxiliary storage.

System action: The sample is not loaded, and the user is returned to the R02 panel.

Operator response: Request that your system programmer add more page data sets.

CAZ0204E   **Sample File not loaded. Data space full, cannot be extended, size=***aaaa***.**

Explanation: While attempting to load a sample file, reporting detected a "data space full" condition and could not finish loading the data space. The *aaaa* value represents the current size of the data space in bytes.

System action: The sample is not loaded, and the user is returned to the R02 panel.

Operator response: If the size value *aaaa* is 2 gigabytes, the sample is too large and can not be loaded by reporting. Try re-running the sample request with either a shorter duration or sampling frequency. If the size value *aaaa* is less then 2 gigabytes, the most likely cause is that your installation is restricting the maximum data space size to this value. Request your system programmer adjust this maximum value in the IEFUSI exit.

CAZ0205E   **Report creation failed. Dataspace full, cannot be extended.**

Explanation: When attempting to create a report, Application Performance Analyzer detected a "data space full" condition. The data for this report has filled the dataspace and the dataspace cannot be extended.

System action: There is too much data in the sample file for this report. Report creation is terminated and the user is returned to the R02 panel.

Operator response: Use the R or S command again to display the reports menu for this observation, and try creating other reports to get similar data in a summary format. You can also try running the sample request again with either a shorter duration or sampling frequency.

CAZ0300E   **ENQ failed,** *DB2, IMS, WLM, CICS, or MQ* **intercept function could not proceed. Try again later.**

Explanation: The Application Performance Analyzer-started task was unable to serialize an internal resource required to perform an intercept function. Another Application Performance Analyzer started task was holding the resource for the same reason. The problem occurs when multiple instances of the Application Performance Analyzer started task are starting at the same time, each attempting to acquire the resource. Only one will succeed, the rest will fail.

System action: The function was not performed. If this problem occurred during startup, then the started task will terminate.

Operator response: Restart the started task.

CAZ0301E   **DB2, IMS, WLM, CICS, or MQ intercept** *aaaa* **not possible, following STCs are still active:** *bbbb***.**

Explanation: The Application Performance Analyzer started task was unable to perform an intercept function because there were other Application Performance Analyzer started tasks executing. An intercept function can only be performed when all other Application Performance Analyzer started tasks are down.

aaaa   Represents the function that was not possible.

bbbb   Represents the list of STCs.

System action: The function was not performed. If this problem occurred during startup, then the started task will terminate.

Operator response: Stop all Application Performance Analyzer started tasks and then retry the function.

CAZ0302E   **SRB failed,** *DB2, IMS, WLM, CICS, or MQ* **intercept function could not proceed. CODE=***bbbb***, CC=***cccc***, RSN=***dddd***.**

Explanation: The SRB that is used to install and uninstall the DB2®, IMS™, WLM, CICS®, or MQ intercept failed.

System action: The function was not performed. If this problem occurred during startup, then the started task will terminate.

Operator response: Record the information in this message. Check for a possible dump in the *MASTER* address space, save the dump and then contact product support.

CAZ0303E   **load module:** *aaaaaaaa* **not found. Component ID = ####.**

Explanation: The component identified by #### could not find the load module specified by *aaaaaaaa*. The following standard search order was used:

- task libraries (if any)
- job library or step library (if any)
- link list libraries

System action: Depends on the Component ID:

0004   DB2 or DDF intercept module not found. The started task will continue to initialize, but without the DB2/DDF intercept support available.

0006   IMS intercept module not found. The started task will continue to initialize, but without the IMS intercept support available.

0007   WLM intercept module not found. The started

task will continue to initialize, but without the WLM intercept support (DB2 multiple address space) available.

008 CICS intercept module not found. The started task continues to initialize, but the CICS intercept support is not available.

009 MQ intercept module not found. The started task continues to initialize, but the MQ intercept support is not available.

Operator response: Ensure that the specified load module is available in either STEPLIB or LINKLIST.

CAZ0304E   IEAMSCHD failed, RC=*aaaa***, DB2, IMS, WLM, CICS, or MQ intercept function could not proceed.**

Explanation: IEAMSCHD was unable to schedule an SRB for the reason given in the RC field.

System action: The function was not performed. If this problem occurred during startup, then the started task will terminate.

Operator response: Record the information in this message, then refer to the Application Performance Analyzer technical support Web site at www.ibm.com/software/awdtools/apa/support/ to find possible solutions to this problem.

CAZ0305E   SRB/IRB ended abnormally (ABEND). *DB2, IMS, WLM, CICS, or MQ* **intercept function could not proceed.**

Explanation: The SRB or IRB used to install and uninstall the DB2, IMS or WLM intercept ended abnormally (ABEND).

System action: The function was not performed. If this problem occurred during startup, then the started task will terminate.

Operator response: A mini diagnostic dump will be produced under the ddname DUMP0001. Save this dump and contact product support.

CAZ0306S   Invalid *SRB or IRB* **parameters detected.**

Explanation: The SRB or IRB used to install and uninstall the intercept detected input parameters that are not valid and could not proceed.

System action: The function is terminated.

Operator response: Refer to the Application Performance Analyzer technical support Web site at www.ibm.com/software/awdtools/apa/support/ to find a possible resolution to this problem.

CAZ0307S   Invalid PABX detected.

Explanation: The SRB used to install and uninstall the intercept detected an invalid internal control block and could not proceed.

System action: The function is terminated.

Operator response: Refer to the Application Performance Analyzer technical support Web site at www.ibm.com/software/awdtools/apa/support/ to find a possible resolution to this problem.

CAZ0308S   CAZ00003/CAZ00004/CAZ00006/ CAZ00007/CAZ00008 has abended. See dump for details.

Explanation: The program used to manage the MQ(CAZ00003), DB2 (CAZ00004), IMS (CAZ00006), WLM (CAZ00007) or CICS(CAZ00008) intercept detected an abend and has recovered but the function could not proceed.

System action: The function is terminated and a dump will be produced.

Operator response: Save the dump and contact product support.

CAZ0309S   Unable to schedule IRB, Job Step TCB not found. *DB2, IMS, WLM, CICS, or MQ* **intercept function could not proceed.**

Explanation: The IRB that is used to install and uninstall the intercept could not be scheduled because the *MASTER* address space's job step TCB could not be found.

System action: The function is terminated.

Operator response: Refer to the Application Performance Analyzer technical support Web site at www.ibm.com/software/awdtools/apa/support/ to find a possible resolution to this problem.

CAZ0310I   *aaa* intercept successfully uninstalled.

Explanation: The request to uninstall the DB2, DDF, IMS, WLM, CICS, or MQ intercept completed successfully. DB2, DDF, IMS, WLM, CICS, or MQ calls will no longer be intercepted on this MVS system.

aaa   Represents the intercept type (DB2, DDF, IMS, WLM, CICS, or MQ).

System action: None

Operator response: None.

CAZ0311I   *aaa* intercept successfully installed. LX=*aaaaaaaa***

Explanation: The request to install the DB2, DDF, IMS, WLM, CICS, or MQ intercept completed successfully. DB2, DDF, IMS, WLM, CICS, or MQ calls will now be

intercepted on this MVS system.

aaa   Represents the intercept type (DB2, DDF, IMS, WLM, CICS, or MQ).

System action: None

Operator response: None.

CAZ0312E   *DB2, IMS, CICS, or MQ* **intercept update unsuccessful,** *DB2, IMS, CICS, or MQ* **intercept in use.**

Explanation: The request to update the DB2, IMS, CICS, or MQ intercept code could not be completed because Application Performance Analyzer determined that the intercept is currently in use by one or more sampling sessions. Wait for the sampling session(s) to complete before retrying this function.

System action: None.

Operator response: Refer to the Application Performance Analyzer technical support Web site at www.ibm.com/software/awdtools/apa/support/ for more information.

CAZ0313E   *DB2, IMS, WLM, CICS, or MQ* **intercept uninstall failed,** *reason_code*.

Explanation: The request to uninstall the DB2, IMS, WLM, CICS, or MQ intercept failed for the reason specified by *reason_code*. Possible values for *reason_code* are:

DB2, IMS, WLM, CICS, or MQ intercept not installed
     Application Performance Analyzer has determined that the intercept is not installed on this MVS system and therefore could not uninstall it.

DB2, IMS, WLM, CICS, or MQ intercept in use
     Application Performance Analyzer has determined that the intercept is currently in use by one or more sampling sessions. Wait for the sampling session(s) to complete before retrying this function.

System action: None.

Operator response: Refer to the Application Performance Analyzer technical support Web site at www.ibm.com/software/awdtools/apa/support/ for more information.

CAZ0314E   **RESET not possible,** *reason_code*.

Explanation: The request to reset the DB2, IMS, CICS, or MQ intercept control data was not possible for the reasons specified by *reason_code*. Possible values for *reason_code* are:

DB2, IMS, CICS, or MQ intercept in use
     Application Performance Analyzer has determined that the intercept is currently in

use by one or more sampling sessions. Wait for the sampling session(s) to complete before retrying this function.

DB2, IMS, CICS, or MQ intercept must be uninstalled
first   Application Performance Analyzer has determined that the intercept is still installed. Reset can be performed only after the intercept has been removed.

System action: None.

Operator response: Refer to the Application Performance Analyzer technical support Web site at www.ibm.com/software/awdtools/apa/support/ form more information.

CAZ0315I   **Newer version of** *aaa***intercept detected, attempting refresh.**

Explanation: During startup, the Application Performance Analyzer started task determined that a newer version of the DB2, DDF, IMS, WLM, CICS, or MQ intercept is available. It will attempt to refresh the intercept. Refresh involves uninstalling the current intercept and then installing the new one. All other Application Performance Analyzer started tasks must be down in order for this process to complete successfully.

aaa   Represents the intercept type, for example DB2, DDF, IMS, WLM, CICS, or MQ.

System action: Intercept will be refreshed

Operator response: None

CAZ0316I   **Newer version of IMS stub detected, attempting refresh.**

Explanation: During startup, the Application Performance Analyzer started task determined that a newer version of an internal stub is available. It will attempt to refresh the stub.

System action: IMS stub will be refreshed.

Operator response: None

CAZ0317I   **Newer version of IMS stub found and refreshed.**

Explanation: During startup, the Application Performance Analyzer started task determined that a newer version of an internal IMS stub was available and that it was refreshed successfully.

System action: None

Operator response: None

CAZ0319E   **BLDL error for load module:** *aaaaaaaa*;
RC = *rc*, **RSN =** *rsn*. **Component ID =**
####.

Explanation: The component identified by #### experienced a BLDL error while processing *aaaaaaaa*. The BLDL return code and reason code are given by *rc* and *rsn*.

System action: Depends on the Component ID.

0004   DB2 or DDF intercept module not found. The started task will continue to initialize, but without the DB2/DDF intercept support available.

0006   IMS intercept module not found. The started task will continue to initialize, but without the IMS intercept support available.

0007   WLM intercept module not found. The started task will continue to initialize, but without the WLM intercept support (DB2 multiple address space) available.

008   CICS intercept module not found. The started task continues to initialize, but the CICS intercept support is not available.

009   MQ intercept module not found. The started task continues to initialize, but the MQ intercept support is not available.

Operator response: Correct the problem based on the BLDL return and reason codes.

CAZ0321S   *module_name* **has abended, see SVC dump for details.**

Explanation: The program named in *module_name* has detected an abend and produced an SVC dump.

System action: Processing continues

Operator response: Save the dump and contact Application Performance Analyzer support.

CAZ0322I   *aaaa* **already** *bbbb*. **No action taken.**

Explanation: The action described by *bbbb* was not taken due to the reason given by *aaaa*.
- *aaaa* = WLM Intercept or WLM Analyzer
- *bbbb* = activated or deactivated

System action: None.

Operator response: None.

CAZ0323E   **WLM Intercept** *aaaa* **not possible, vendor with jobname:** *bbbb***is active.**

Explanation: The action described by *aaaa* was not possible because another vendor, whose jobname is represented by *bbbb*, is already intercepting WLM.

System action: None.

Operator response: None.

CAZ0324I   *aaaa* **has been successfully** *bbbb*.

Explanation: The action described by *bbbb* has been successfully completed for *aaaa*.
- *aaaa* = WLM Intercept or WLM Analyzer
- *bbbb* = activated or deactivated

System action: None.

Operator response: None.

CAZ0325E   **Function not defined.**

Explanation: The user is attempting to issue a WLMI command with an undefined function or operand.

System action: None.

Operator response: Correct the command and reissue it.

CAZ0326E   **Function failed, WLM intercept not installed.**

Explanation: The user is attempting a WLMI activate or deactivate function but the WLM intercept was never installed. The intercept may only be activated or deactivated if the intercept is first installed.

System action: None.

Operator response: None.

CAZ0327E   **CAZ00680::PCSTACK SDUMPX failed; RC=***aaaax*, **RSN=***bbbbx*.

Explanation: Program CAZ00680 detects an error when issuing the SDUMPX macro. The return and reason codes are represented by *aaaa* and *bbbb* respectively.

System action: Processing continues.

Operator response: If the problem persists, record the error and reason codes and contact product support.

CAZ0328E   *aaaaaaaa* **has abended. SDUMPX failed with RC/RSN=***bbb/ccc*. **No SVC dump was produced.**

Explanation: The program that is named by *aaaaaaaa* has abended. An SVC dump was not produced because SDUMPX failed with the return code of *bbb* and reason code of *ccc*.

System action: None.

Operator response: Note the SDUMPX return code and reason code; extract the related abend information from logrec; and then contact product support.

CAZ0329E   PABX slot mismatch for asid=_xxxx_**, DB2ICB@=**_xxxxxxxx_

Explanation: An internal error occurred during DB2I intercept initialization or termination. Therefore, the allocated PABX slot does not have the correct asid or DB2ICB control block address.

System action: The PABX slot is marked as unusable.

User response: Contact product support.

CAZ0490I   Application Performance Analyzer is shutting down

Explanation: Application Performance Analyzer initiated its shutdown process.

System action: None.

Operator response: None.

CAZ0491E   PABX initialization not possible, following STCs are still active: s1, s2, s3, ...

Explanation: The Application Performance Analyzer started task was unable to initialize an internal control block because there were other Application Performance Analyzer started tasks executing. This control block can only be initialized when all other Application Performance Analyzer started tasks are down. "s1, s2, s3,..." represent the IDs of the Application Performance Analyzer started tasks that are still executing.

System action: The started task will terminate.

Operator response: Stop all Application Performance Analyzer started tasks and restart the started task.

CAZ0498I   IBM Application Performance Analyzer for z/OS has abnormally terminated.

Explanation: This message informs operations that the Application Performance Analyzer started task has abnormally terminated.

System action: None.

Operator response: Record the abend information from the system logs and contact product support.

CAZ0499I   Application Performance Analyzer terminating

Explanation: This message is reported when Application Performance Analyzer has completed its shutdown process and is about to terminate.

System action: None.

Operator response: None.

CAZ0551E   Unable to LOAD _xxxxxxxx_**. R01=**_x_"........" **R15=**_x_"........".

Explanation: During initialization, Application Performance Analyzer was unable to load module _xxxxxxxx_. The value in R01 is the abend code from the load and the value in R15 is the reason code.

System action: Application Performance Analyzer terminates.

Operator response: Find the abend code in the Systems Codes manual, correct the error and restart the Application Performance Analyzer started task.

CAZ0700I   Module _module_name_ **found in** _data_set_name_ **in** _linklist_name_ **LNKLST**

Explanation: The IEFUSI exit module specified by _module_name_ was found in the currently active linklist specified by _linklist_name_ in the data set specified by _data_set_name_.

System action: None.

Operator response: None.

CAZ0701E   CSVDYNL: Module _module_name_ **not found in current LNKLST**

Explanation: The IEFUSI exit module specified by _module_name_ could not be found in the currently active linklist.

System action: Application Performance Analyzer terminates.

Operator response: Ensure that the named module is in a linklist data set and then restart Application Performance Analyzer.

CAZ0702E   CSVDYNL: LNKLST=_linklist_name_ **MODULE=**_module_name_ **RC=**_return_code_ **RSN=**_reason_code_

Explanation: Application Performance Analyzer detected a CSVDYNL error while attempting search the currently active linklist specified by _linklist_name_ for the IEFUSI exit module specified by _module_name_. The CSVDYNL return code and reason code are specified by _return_code_ and _reason_code_ respectively.

System action: Application Performance Analyzer terminates.

Operator response: Refer to the _MVS Programming: Authorized Assembler Services Reference_ for information about the CSVDYNL error codes. Correct the problem and then restart Application Performance Analyzer.

CAZ0703W   **Internal security detected. This is not recommended in a SYSPLEX group and might produce undesirable results.**

Explanation: This message indicates that while initializing in a sysplex group, this instance of Application Performance Analyzer detected that it is running with internal security rules.

Application Performance Analyzer cannot guarantee the accuracy of security authorizations if performs using internal rules. Users might be unintentionally authorized for actions.

It is recommended that an installation's external security system be used when Application Performance Analyzer is running as part of a sysplex group.

System action: This is a warning, no further action is taken. All processing will continue as normal.

Operator response: Consider migrating Application Performance Analyzer to your installation's external security system.

CAZ0704W   **External security detected in compatibility mode. This is not recommended in a SYSPLEX group and might produce undesirable results.**

Explanation: This message indicates that while initializing in a sysplex group, this instance of Application Performance Analyzer detected that it is running with external security rules in compatibility mode.

Application Performance Analyzer cannot guarantee the accuracy of security authorizations if performs under these conditions. Users might be unintentionally authorized for actions.

It is recommended that an installation's external security system be used in native mode when Application Performance Analyzer is running as part of a sysplex group.

Compatibility mode should only be used temporarily while the installation updates its security rules to use the MVS system name instead of the STCid of the Application Performance Analyzer started task as the first node of the resource profile.

System action: This is a warning, no further action is taken. All processing will continue as normal.

Operator response: None.

CAZ0705I   **Module** *aaaaaaaa* **found in** *bbbbbbbb* **in** *cccccccc*.

Explanation: The module specified by *aaaaaaaa* was found in the currently active link list specified by *cccccccc* in the data set specified by *bbbbbbbb*.

System action: None

Operator response: None.

CAZ0706I   **Module** *aaaaaaaa* **not found in current LNKLST.**

Explanation: The module specified by *aaaaaaaa* could not be found in current LNKLST.

System action: Application Performance Analyzer terminated.

Operator response: Ensure that the named module is in a link list data set and then restart Application Performance Analyzer.

CAZ0707I   **CSVDYNL: LNKLST=aaaa MODULE=bbbb RC=cccc RSN=dddd**

Explanation: Application Performance Analyzer detected a CSVDYNL error while attempting to search the currently active link list specified by *aaaa* for the module specified by *bbbb*. The CSVDYNL return code and reason code are specified by *cccc* and *dddd* respectively.

System action: Application Performance Analyzer terminates.

Operator response: Refer to the *MVS Programming: Authorized Assembler Services Reference* for information about the CSVDYNL error codes. Correct the problem and then restart Application Performance Analyzer.

CAZ0720I   **Sampling buffer size is** *size* **bytes**

Explanation: During initialization, this message reports the maximum size of the sampling buffers used during a measurement request.

System action: None.

Operator response: None.

CAZ0724I   **Task/subtask dispatch cycle is** *time_interval* **X 0.01 seconds**

Explanation: During initialization, this message reports the interval of time between each Application Performance Analyzer "pulse" during which it checks for work to be dispatched. The value *time_interval* is in units of 1/100 seconds.

System action: None.

Operator response: None.

CAZ0725I   **Default sampling duration is** *seconds* **seconds**

Explanation: During initialization, this message reports a value that either was specified in the CONFIG member or was set to its default. The value *seconds* is the default number of seconds of duration for a sampling session.

System action: None.

Operator response: None.

CAZ0726I   **Default number of samples is** *samples*

Explanation: During initialization, this message reports a value that either was specified in the CONFIG member or was set to its default. The value *samples* is the default number of samples to be taken during a sampling session.

System action: None.

Operator response: None.

CAZ0727I   **Minimum sampling rate is** *sampling_rate* **milliseconds**

Explanation: During initialization, this message reports a value that either was specified in the CONFIG member or was set to its default. The value *sampling_rate* is the minimum duration, in milliseconds, that is allowed to be specified as a sampling rate.

System action: None.

Operator response: None.

CAZ0731I   **Log file primary allocation is** *primary_allocation_units*

Explanation: During initialization, this message reports a value that either was specified in the CONFIG member or was set to its default. The value *primary_allocation_units* is the number primary allocation units for the log data set.

System action: None.

Operator response: None.

CAZ0732I   **Log file allocation unit is** *allocation_unit*

Explanation: During initialization, this message reports a value that either was specified in the CONFIG member or was set to its default. The value *allocation_unit* is the allocation unit for the log data set: T=TRK, C=CYL, B=BLK.

System action: None.

Operator response: None.

CAZ0733I   **DASD UNIT name is** *name*

Explanation: During initialization, this message reports a value that either was specified in the CONFIG member or was set to its default. The value *name* is the DASD UNIT name for allocation of new data sets.

System action: None.

Operator response: None.

CAZ0734I   **Checkpoint DSN:** *data_set_name*, **VOLSER:** *vvvvvv*

Explanation: During initialization, this message reports the name of the data set (*data_set_name*), and volume serial number (*vvvvvv*) of the Application Performance Analyzer checkpoint file used for checkpoint operations.

System action: None.

Operator response: None.

CAZ0735I   **Checkpoint file capacity is** *records*

Explanation: During initialization, this message reports the number of records (*records*) (excluding header records) specified for the Checkpoint File.

System action: None.

Operator response: None.

CAZ0785I   **IXCJOIN** *started_task-sysout_file* **(***MVS_system***) RC=***return_code* **RSN=***reason_code*

Explanation: This is an information message that indicates whether this instance of Application Performance Analyzer successfully joined the sysplex group. A return code value of either 0 or 4 indicates a successful operation. A return code greater than 4 indicates a problem with the join operation. The message is written to the *sysout_file*. The *MVS_system* refers to the MVS system on which Application Performance Analyzer is running.

System action: Application Performance Analyzer will terminate if the return code is greater than 4 and this message will be followed by message CAZ0014E.

Operator response: Refer to the *MVS Programming: Sysplex Services Reference* for an explanation of the return and reason codes for IXCJOIN and take corrective action.

CAZ0788E   **IXCQUERY on SYSPLEX. RC=***return_code* **RSN=***reason_code*

Explanation: This message is only used by product support for diagnostic purposes.

System action: None.

Operator response: Contact product support.

CAZ0789I   **System ~~~~~~~~ Status X"~~" at ~~~~~~~~~ ~~~~~~~~~**

Explanation: This message is only used by product support for diagnostic purposes.

System action: None.

Operator response: Contact product support.

CAZ0790E   **IXCQUERY on GROUP. RC=**_return_code_ **RSN=**_reason_code_

Explanation: This message is only used by product support for diagnostic purposes.

System action: None.

Operator response: Contact product support.

CAZ0795I   **IXCQUIES RC=**_return_code_ **RSN=**_reason_code_

Explanation: This message is only used by product support for diagnostic purposes.

System action: None.

Operator response: Contact product support.

CAZ1000I   **Logger started.**

Explanation: The logger subtask has started and is in the process of initializing.

System action: Application Performance Analyzer continues initialization.

Operator response: None.

CAZ1020I   **Logger operating.**

Explanation: The logger subtask has completed initialization and is now ready for work.

System action: Application Performance Analyzer continues initialization.

Operator response: None.

CAZ1030S   **Allocation error for** _dsn_ **E=X"**_error_code_**" I=X"**_information_code_**" SMS=X"**_reason_code_**".**

Explanation: A dynamic allocation error occurred while attempting to allocate a new log filed specified by _dsn_. _error_code_, _information_code_, and _reason_code_ represent the dynamic allocation error code, information code and SMS reason code respectively.

System action: Application Performance Analyzer terminates.

Operator response: Refer to the _MVS Programming: Authorized Assembler Services Guide_ for information about the above error codes. Correct the problem and then restart Application Performance Analyzer.

CAZ1031I   **New log is** _dsn_

Explanation: This is an information message indicating that the logger subtask has allocated a new log file with the data set name specified by _dsn_.

System action: None.

Operator response: None.

CAZ1032W   **Allocation error for SYSOUT data set** _ddname_ **E=X"**_error_code_**" I=X"**_information_code_**" SMS=X"**_reason_code_**".**

Explanation: A dynamic allocation error occurred while attempting to allocate a log SYSOUT data set specified by _ddname_. _error_code_, _information_code_, and _reason_code_ represent the dynamic allocation error code, information code and SMS reason code respectively.

System action: None.

Operator response: Refer to the _MVS Programming: Authorized Assembler Services Guide_ for information about the above error codes. Correct the problem and if necessary restart Application Performance Analyzer.

CAZ1040E   **DEVTYPE error for ddname** _ddname_ **RC=**_return_code_ **RSN=**_reason_code_

Explanation: A DEVTYPE error occurred while attempting to determine the device type for the log data set allocated to the ddname specified by _ddname_. _return_code_ and _reason_code_ represent the DEVTYPE return code and reason code respectively.

System action: Application Performance Analyzer terminates.

Operator response: Refer to the _DFSMSdfp Advanced Services_ for information about the above error codes. Correct the problem and then restart Application Performance Analyzer.

CAZ1090I   **Logger stopping.**

Explanation: The logger subtask has started its shutdown process.

System action: None.

Operator response: None.

CAZ1099I   **Logger terminated.**

Explanation: The logger subtask has completed its shutdown process and is about to terminate.

System action: None.

Operator response: None.

CAZ1100I   **Command Processor started.**

Explanation: The command processor subtask has started and is in the process of initializing.

System action: Application Performance Analyzer continues initialization.

Operator response: None.

CAZ1103E   **The following command is not allowed as a Modify Command:** *command_name*.

Explanation: An operator attempted to enter an Application Performance Analyzer modify command specified by *command_name* that was not permitted.

System action: Command is discarded.

Operator response: None.

CAZ1105S   **Unable to open COMMANDS** *ddname*.

Explanation: The command processor subtask was not able to open the data set or SYSOUT allocated to the COMMANDS *ddname*. Probable cause: the COMMANDS DD statement is missing from the Application Performance Analyzer JCL.

System action: Application Performance Analyzer terminates.

Operator response: Add the appropriate COMMANDS DD statement to the Application Performance Analyzer JCL.

CAZ1130I   **Command Processor operating.**

Explanation: The command processor subtask has completed initialization and is now ready for work.

System action: Application Performance Analyzer continues initialization.

Operator response: None.

CAZ1141W   **Module** *module_name* **already defined in exit** *exit_name*.

Explanation: The module *module_name* for the MVS installation exit named by *exit_name* has already been defined.

System action: Application Performance Analyzer will use the existing definition.

Operator response: None.

CAZ1190I   **Command Processor stopping.**

Explanation: The command processor subtask has started its shutdown process.

System action: None.

Operator response: None.

CAZ1199I   **Command Processor terminated.**

Explanation: The command processor subtask has completed its shutdown process and is about to terminate.

System action: None.

Operator response: None.

CAZ1200I   **Exit** *exit_name* **defined.**

Explanation: The MVS installation exit named by *exit_name* has been successfully defined to MVS.

System action: None.

Operator response: None.

CAZ1201W   **Exit** *exit_name* **already defined.**

Explanation: The MVS installation exit named by *exit_name* has been defined to MVS by another application.

System action: Application Performance Analyzer will use the existing definition.

Operator response: None.

CAZ1202E   **Unable to define exit** *exit_name* **RC=X"***return_code***" RSN=X"***reason_code***"**

Explanation: Application Performance Analyzer was unable to define the MVS installation exit named by *exit_name*. *return_code* and *reason_code* represent the return and reason codes returned by CSVDYNEX.

System action: If the problem occurs during initialization, Application Performance Analyzer will terminates. Otherwise no action is taken.

Operator response: Refer to the *MVS Programming: Authorized Assembler Services Reference* for information about the CSVDYNEX return and reason codes. Correct the problem and restart Application Performance Analyzer if necessary.

CAZ1220E   **Error adding module** *module_name* **to exit** *exit_name*. **RC=X"***return_code***" RSN=X"***reason_code***"**

Explanation: Application Performance Analyzer was unable to add the module *module_name* to the MVS installation exit named by *exit_name*. *return_code* and *reason_code* represent the return and reason codes returned by CSVDYNEX.

System action: If the problem occurs during initialization, Application Performance Analyzer will terminate, otherwise not action is taken.

Operator response: Refer to the *MVS Programming: Authorized Assembler Services Reference* for information about the CSVDYNEX return and reason codes. Correct the problem and restart Application Performance Analyzer if necessary.

CAZ1221I   **Module** *module_name* **added to exit** *exit_name*.

Explanation: The module *module_name* was successfully added to the MVS installation exit named by *exit_name*.

System action: None.

Operator response: None.

CAZ1224S **CSVDYNEX LIST error:**
RC=X"*return_code***" RSN=X"***reason_code***".**

Explanation: Application Performance Analyzer was unable to list the MVS installation exit points. *return_code* and *reason_code* represent the return and reason codes returned by CSVDYNEX.

System action: Application Performance Analyzer will terminate.

Operator response: Refer to the *MVS Programming: Authorized Assembler Services Reference* for information about the CSVDYNEX return and reason codes. Correct the problem and restart Application Performance Analyzer.

CAZ1225I/CAZ1225W **Exit Point:** *task_name*, **not active; RSN=X"***reason_code***".**

Explanation: The exit point defined by *task_name* was not active for the reason specified in *reason_code*. Application Performance Analyzer is not able to add an exit routine to that exit point. For reason codes less than or equal to 4 this is an informational message.

For reason codes greater than 4 this a warning message and users will not be able to sample non active started tasks: (*task_name* = "SYSSTC.IEFUSI") or TSO logons: (*task_name* = "SYSTSO.IEFUSI").

Values for *task_name*:

- "SYSJES2.IEFUSI" or "SYSJES3.IEFUSI"
- "SYSJES3.IEFUSI"
- "SYSSTC.IEFUSI"
- "SYSTSO.IEFUSI"

Values for *reason_code* are:

- 0 - n/a
- 4 - Target SYS/SUBSYS has no exit points defined to the system.
- 8 - No exit points defined to system. This situation should never happen because some sort of exit point is always defined.
- 12 - The target exit point is not defined to the system, but exit point TYPE has other exit points.
- 16 - The target exit point has no routines defined.
- 20 - The target exit point is not defined but has exit routines defined to it.
- 24 - The target exit point is defined but without the IEFUSI routine.
- 28 - The target exit point is defined without the IEFUSI routine but with CAZ00990.

Note: RSN 16, 20, and 24 should never happen unless the exit point was erroneously defined by a program other than SMF

System action: Application Performance Analyzer continues initialization.

Operator response: For reason codes greater than 4 contact your system programmer and verify the status of the SMF exit points. Refer to the chapter describing SMFPRMxx in *MVS Initialization and Tuning Reference* for information about defining the exit point. Correct the problem and restart Application Performance Analyzer.

CAZ1226S **A required SMF Exit Point is not active - sampling cannot proceed.**

Explanation: Application Performance Analyzer determined that one of the following exit points was not active: SYS.IEFUSI, SYSJES2.IEFUSI, (or SYSJES3.IEFUSI in JES3 environments). These exit points must be active in order for Application Performance Analyzer to sample scheduled jobs. Refer to message CAZ1225W for more information.

System action: Application Performance Analyzer will terminate.

Operator response: Contact your system programmer and verify the status of the SMF exit point: SYS.IEFUSI and SYSJES2.IEFUSI or SYSJES3.IEFUSI. Refer to the chapter describing SMFPRMxx in *MVS Initialization and Tuning Reference* for information about defining the exit. Correct the problem and restart Application Performance Analyzer.

CAZ1227I **Exit:** *routine_name* **has already been added to Exit Point:** *task_name*

Explanation: The Application Performance Analyzer exit routine (*routine_name*) has already been added by another instance of Application Performance Analyzer. Values for *task_name*:

- "SYS.IEFUSI"
- "SYSJES2.IEFUSI" or "SYSJES3.IEFUSI"
- "SYSSTC.IEFUSI"
- "SYSTSO.IEFUSI"
- "BPX_POSPROC_INIT"
- "SYS.IEFU83"
- "SYSSTC.IEFU83"
- "SYS.IEFU84"
- "SYSSTC.IEFU84"

System action: Application Performance Analyzer continues initialization.

Operator response: None.

CAZ1228I   **Exit Point:** *task_name* **is active.**

Explanation: The exit point defined by *task_name* is active.

Values for *task_name*:
- "SYS.IEFU83"
- "SYSSTC.IEFU83"
- "SYS.IEFU84"
- "SYSSTC.IEFU84"

System action: Application Performance Analyzer continues initialization.

Operator response: None.

CAZ1234W   **Exit Point aaaa not defined, USS sampling may be affected.**

Explanation: The Exit Point defined by aaaa was not defined to the system. Application Performance Analyzer might not be able to sample USS address spaces properly.

System action: Application Performance Analyzer continues initialization.

Operator response: Determine why the Exit Point was not defined. Define it and restart the Application Performance Analyzer STC.

CAZ1235E   **CSVDYNEX LIST error: RC=aaaax RSN=bbbbx for Exit Point cccc. USS sampling may be affected.**

Explanation: Application Performance Analyzer was attempting to determine the status of the Exit Point described by cccc via the CSVDYNEX LIST function. This function failed with return and reason codes described by aaaa and bbbb. Application Performance Analyzer might not be able to sample USS address spaces properly.

System action: Application Performance Analyzer continues initialization.

Operator response: Refer to the *MVS Programming: Authorized Assembler Services Reference* for information about the CSVDYNEX return and reason codes. Correct the problem and restart the Application Performance Analyzer STC.

CAZ1236E   **Error adding module aaaa to Exit Point bbbb. RC=ccccx RSN=ddddx. USS sampling may be affected.**

Explanation: Application Performance Analyzer was attempting to add a module (aaaa) to the Exit Point described by bbbb via the CSVDYNEX ADD function. This function failed with return and reason codes described by cccc and dddd. Application Performance Analyzer might not be able to sample USS address spaces properly.

System action: Application Performance Analyzer continues initialization.

Operator response: Refer to the *MVS Programming: Authorized Assembler Services Reference* for information about the CSVDYNEX return and reason codes. Correct the problem and restart the Application Performance Analyzer STC.

CAZ1237E   **CAZ0004x: IXCMSGI error. r15=X"** *return_code*" **r0=X"** *reason_code*"

Explanation: The Application Performance Analyzer sysplex messaging system detected an error while receiving a message from a group member.

return_code
        represents the return code from IXCMSGI

reason_code
        represents the reason code from IXCMSGI

System action: none.

Operator response: If the message persists, refer to the Application Performance Analyzer technical support Web site at www.ibm.com/software/awdtools/apa/support/ to find possible solutions to this problem..

CAZ1238W   **WAS sampling cannot proceed, RSN=**aa**x.**

Explanation: The Application Performance Analyzer determined that WAS sampling cannot proceed for the reason code given by the hex value: *aa*x.

System action: Application Performance Analyzer continues initialization.

Operator response: Record the reason code, save the output from the SYSOUT of DDName: MAIN, and contact product support

CAZ1239I   **Exit Point:** *task_name*, **not active; RSN=X"**reason_code"**.**

Explanation: The exit point defined by *task_name* was not active for the reason specified in *reason_code*.

Values for *task_name*
- "SYS.IEFU83
- "SYSSTC.IEFU83"
- "SYS.IEFU84"
- "SYSSTC.IEFU84"

Values for *reason_code*
- 0 - Not available.
- 4 -Target SYS/SUBSYS has no exit points defined to the system.

System action: Application Performance Analyzer continues initialization.

Operator response: None.

CAZ1239W   Exit Point: *task_name*, **not active; RSN=X"***reason_code***".**

Explanation: The exit point defined by *task_name* was not active for the reason specified in *reason_code*. Users may not be able to perform WAS sampling.

Values for *task_name*

- "SYS.IEFU83
- "SYSSTC.IEFU83"
- "SYS.IEFU84"
- "SYSSTC.IEFU84"

Values for *reason_code*

- 8 - No exit points defined to system.
- 12 - The target exit point is not defined to the system, but exit point type (SYS or SYSSTC) has other exit points.
- 16 - The target exit point has no routines defined.

System action: Application Performance Analyzer continues initialization.

Operator response: Contact your system programmer and verify the status of the SMF exit points. Refer to the chapter describing SMFPRMxx in *MVS Initialization and Tuning Reference* for information about defining the exit point. Correct the problem and restart Application Performance Analyzer.

CAZ1272I   IBM APA for z/OS system exits could not be deleted; the following STCs are still active: *aaaa*

Explanation: The Application Performance Analyzer started task was unable to delete its system exit point module, because one or more other Application Performance Analyzer started tasks were still active on the system. The Application Performance Analyzer IDs of the active started tasks are represented by *aaaa*.

System action: Application Performance Analyzer continues to terminate.

Operator response: None.

CAZ1273I   Module *aaaa* **deleted from Exit Point** *bbbb*

Explanation: The Application Performance Analyzer started task successfully deleted the module represented by *aaaa* from the system exit point represented by *bbbb*.

System action: Application Performance Analyzer continues to terminate.

Operator response: None.

CAZ1274W   Error deleting module *aaaa* **from** *bbbb*. **RC=***ccccx* **RSN=***ddddx*

Explanation: The Application Performance Analyzer started task failed to delete the module represented by *aaaa* from the system exit point represented by *bbbb*. The Return and Reason codes for CSVDYNEX REQUEST=DELETE are represented by *cccc* and *dddd* respectively.

System action: Application Performance Analyzer continues to terminate.

Operator response: None.

CAZ1300I   Module *module_name* **deleted.**

Explanation: The module named by *module_name* has been deleted from memory. This message is a result of the PROMOTE operator command.

System action: None.

Operator response: None.

CAZ1303E   Module *module_name* **not in module list.**

Explanation: The module named by *module_name* was not defined to Application Performance Analyzer. This message is a result of the PROMOTE operator command.

System action: PROMOTE command terminates.

Operator response: Check to ensure that you have typed the module name correctly and retry the command.

CAZ1304E   Module *module_name* **not CSA loadable. PROMOTE ignored.**

Explanation: The module named by *module_name* is not eligible for promotion. This message is a result of the PROMOTE operator command.

System action: PROMOTE command terminates.

Operator response: Check to ensure that you have typed the module name correctly and retry the command.

CAZ1305I   Module *module_name* **loaded at EP=***location*.

Explanation: The module named by *module_name* was successfully loaded into CSA at location *location*. This message is a result of the PROMOTE operator command.

System action: None.

Operator response: None.

CAZ1307E   LOAD error for *module_name*.
R01=X"*R01_value*" R15=X"*R15_value*".

Explanation: The module named by *module_name* could not be loaded into CSA. This message is a result of the PROMOTE operator command.

System action: PROMOTE command terminates.

Operator response: Record the values for R01 and R15, then refer to the Application Performance Analyzer technical support Web site at www.ibm.com/software/awdtools/apa/support/ to find possible solutions to this problem.

CAZ1313W   DEXMR exit enabled but module: CAZDEXMR not loaded.

Explanation: The Data Extractor Module Resolution User Exit was enabled by the CONFIG SAMPLE DEXMR=YES parameter. However, the Application Performance Analyzer started task was not able to locate and load the CAZDEXMR load module.

System action: None. The Exit will not be called during sampling.

Operator response: Ensure that the CAZDEXMR load module is either in a dataset concatenated to the started task's STEPLIB or in linklist.

CAZ1313W   DEXMR exit enabled but module: CAZDEXMR not loaded.

Explanation: The Data Extractor Module Resolution User Exit was enabled by the CONFIG SAMPLE DEXMR=YES parameter. However, the Application Performance Analyzer started task was not able to locate and load the CAZDEXMR load module.

System action: None. The Exit will not be called during sampling.

Operator response: Ensure that the CAZDEXMR load module is either in a dataset concatenated to the started task's STEPLIB or in linklist.

CAZ1584E   Command: *aaaa*, *bbbb*

Explanation: An error occurred processing the command specified by *aaaa*. The reason is given by *bbbb*.

System action: None.

Operator response: Correct the command based on the reason provided and retry the command. If it fails again, contact product support.

CAZ1702E   Processing error in loadDRT of COMMAND SM/TM

Explanation: This is a fatal error.

System action: Command is terminated and the Application Performance Analyzer started task carries on normal processing.

Operator response: Refer to the Application Performance Analyzer technical support Web site at www.ibm.com/software/awdtools/apa/support/ to find a possible resolution to this problem.

CAZ1703E   Request=*request_number* specified for CANCEL/DELETE does not exists. CANCEL/DELETE issued by Userid: *user_ID*.

Explanation: User *user_ID* attempted the specified action when request *request_number* no longer existed.

System action: Command is terminated.

Operator response: None.

CAZ1704E   Request=*request_number* cannot be deleted when status is ACTIVE or already deleted. DELETE issued by Userid: *user_ID*.

Explanation: User attempted to delete a request that was either currently active or already deleted.

System action: Command is terminated.

Operator response: None.

CAZ1705E   Request=*request_number* cannot be deleted since the associated Sample File could not be deleted. DELETE issued by Userid: *user_ID*.

Explanation: User *user_ID* attempted to delete request *request_number*. The request failed because the associated Sample File was in use by another user.

System action: The request is not deleted.

Operator response: Try the delete request later.

CAZ1706E   Request by *user_ID* for JOB *job_name* is a duplicate of Request: *request_number*. Request rejected.

Explanation: User *user_ID* attempted to add a new sampling request that is a duplicate of one already added by the same user. *job_name* and *request_number* represent the job name and request number of the request that is already queued.

System action: The request is not added.

Operator response: Redefine the request with different parameters.

CAZ1707E Request=*request_number* **cannot be canceled when status is not ACTIVE or already canceled. CANCEL issued by Userid:** *user_ID*.

Explanation: User attempted to cancel a request that was either not currently active or already cancelled.

System action: Command is terminated.

Operator response: None.

CAZ1708E Request=*request_number*, **specified for KEEP does not exist. KEEP issued by userid** *user_ID*

Explanation: A KEEP command was issued for an observation request that does not exist.

System action: Command processing terminates.

Operator response: Report the error to the system administrator.

CAZ1709E Request=*request_number*, **cannot KEEP while Active, Sched, Future, or Thresh. KEEP issued by userid** *user_ID*

Explanation: A KEEP command was issued for an observation request that is in either Active, Sched, Future, or Thresh status.

System action: The KEEP command is ignored.

Operator response: Wait for the request to end before issuing the KEEP command.

CAZ1710E **DELETE of Req#=**nnnn **not allowed as it is a Schedule, Multi-step, Threshold Monitor, USS, CDB2, IMS Multiple Region or WAS request.**

Explanation: Request *nnnnn* is a Schedule, Multi-step, Threshold Monitor, USS, Collateral DB2 parent, IMS Multiple Region parent or WAS parent observation. This type of observation cannot be deleted by using the batch command interface because this type of observation represents a list of child observations.

System action: Command is rejected.

Operator response: Use the ISPF interface to delete this type of request.

CAZ1712E **Scheduling entry for** *date time* **is more than 1 year into the future.**

Explanation: The scheduling entry for date *date* and time *time* is more than 366 days from the date and time of the request. Application Performance Analyzer allows future-dated requests up to 1 year from the current date and time.

System action: Command is rejected.

Operator response: Correct and resubmit the scheduling request.

CAZ1713E **ASID invalid for future-dated active request.**

Explanation: The keyword ASID must not be specified for a future-dated scheduling request with ACTIVE=YES.

System action: Command is rejected.

Operator response: Correct and resubmit the scheduling request.

CAZ1714E **ASID valid only for an active request.**

Explanation: The keyword ASID must not be specified for a request without ACTIVE=YES.

System action: Command is rejected.

Operator response: Correct and resubmit the scheduling request.

CAZ1715E **Required keyword:** *keyword* **not specified. Rejected.**

Explanation: A command was issued without a required keyword: *keyword*.

System action: Command is rejected.

Operator response: Correct and resubmit the command.

CAZ1716E **Keyword:** *keyword* **contains invalid value. Rejected.**

Explanation: A command was issued with a keyword: *keyword* that contained a value that was inappropriate for the keyword.

System action: Command is rejected.

Operator response: Correct and resubmit the command.

CAZ1717E **Keyword:** *keyword* **contains a value that is out of range. Value must be between:** *value_range*.

Explanation: A command was issued with a keyword: *keyword* that contained a numeric value that was out of range. *value_range* describes the valid range for the keyword.

System action: Command is rejected.

Operator response: Correct and resubmit the command.

CAZ1718E   **The following keywords are mutually exclusive and might not be specified together:** *keyword*.

Explanation: A command was issued with mutually exclusive keywords. *keyword* describes the keywords in error.

System action: Command is rejected.

Operator response: Correct and resubmit the command.

CAZ1719W   **A new/existing request has been provisionally accepted. Request will be authorized when the job starts.**

Explanation: This message indicates that either a new observation request was added or an existing observation request was updated and the request specified a target system name of asterisk (*). Under these conditions the request could not be authorized using the external security system since the target system name is unknown. The request has been provisionally accepted and will be authorized at the time the job starts. When the job starts, the system will be known. It is possible, however, for the request to fail at that time.

System action: None.

Operator response: If this is a critical observation request, then ensure that your user ID has the proper measurement authority on all systems in this Application Performance Analyzer sysplex group.

CAZ1720E   **Invalid CICS transaction name or mask "*transaction_name*".**

Explanation: A NEW or MODIFY command was issued with the CTRAN keyword containing a syntactically incorrect CICS transaction name or mask: *transaction_name*.

System action: Command is rejected.

Operator response: Correct and resubmit the command.

CAZ1721W   **Unknown Feature** *feature_name* **Ignored.**

Explanation: A NEW or MODIFY command was issued with the FEATURES keyword containing an unknown feature value: *feature_name*.

System action: Command parsing continues, the invalid feature is ignored.

Operator response: Correct and resubmit the command if necessary.

CAZ1722E/S   *variable text*

Explanation: An access error occurred while processing a NEW or MODIFY command. The text of the message describes the access error.

System action: Command is rejected.

Operator response: Contact your system administrator for assistance with the problem. Refer to the Application Performance Analyzer *Customization Guide* for information regarding defining access rules.

CAZ1723S   **Invalid return coded detected from AccessControl. Request failed. RC=0x*return_code*.**

Explanation: A severe access error occurred while processing a NEW or MODIFY command. *return_code* represent the return code.

System action: Command is rejected.

Operator response: Refer to the Application Performance Analyzer technical support Web site at www.ibm.com/software/awdtools/apa/support/ to find a possible resolution to this problem.

CAZ1724E   **SCHDSPAN applies only to future dated inactive jobs.**

Explanation: The keyword SCHDSPAN can be specified only if ACTIVE=NO is specified for a future-dated scheduling request.

System action: Command is rejected.

Operator response: Correct and resubmit the scheduling request.

CAZ1725I   **Too many load libraries specified. Remainder ignored.**

Explanation: A NEW or MODIFY command was issued with the LIBS keyword specifying too many data set names.

System action: Command parsing continues.

Operator response: Correct and resubmit the command if necessary.

CAZ1726I

This messages has one of several formats:
Request=*request_number* : Userid=*user_ID* for JOB *job_name* and STEP *step_name*.

Request=*request_number* : Userid=*user_ID* for JOB *job_name* and STEP *step_name* and PROCSTEP *proc_step_name*.

Request=*request_number* : Userid=*user_ID* for JOB *job_name* and PROGRAM *program_name*.

Request=*request_number* : Userid=*user_ID* for JOB

job_name and PROGRAM *program_name* and PROCSTEP *proc_step_name*.

Request=*request_number* : Userid=*user_ID* for JOB *job_name* and STEP *step_number*.

Request=*request_number* : Userid=*user_ID* for JOB *job_name*. *nn* steps.

Request=*request_number* : Userid=*user_ID* for JOB *job_name*. *xxx* future dates.

Request=*request_number* : Userid=*user_ID* for JOB *job_name*. *nn* steps and *xxx* future dates.

Explanation: A NEW or MODIFY command was successfully issued. The message describes the selection parameters specified for this request.

request_number
    The request number that was added or modified.

job_name
    The name of job to be measured.

user_ID
    The user ID that created or modified the request.

step_name
    The name of step to be measured.

proc_step_name
    The name of the proc step to be measured

program_name
    The name of the program specified on the EXEC PGM= of the step to be measured.

step_number
    The number of the step to be measured.

nn   The number of STEP entries specified.

xxx
    The number of SCHDDATE entries specified.

System action: The command is accepted.

Operator response: None.

CAZ1727E   Scheduling entry for *date time* **overlapped by previous entry.**

Explanation: The scheduling entry for date *date* and time *time* is overlapped by the time span of the previous entry or the scheduling entry for *date time* overlapped by RUNAGAIN time span.

System action: Command is rejected.

Operator response: Correct and resubmit the scheduling request.

CAZ1728E   STEP entry *step_number* **has multiple values.**

Explanation: STEP entry number *step_number* has mutually exclusive step identification values. A step can be identified by only one of the following:

• step number
• program name
• step name
• step name and procedure step name

System action: Command is rejected.

Operator response: Correct and resubmit the scheduling request.

CAZ1729E   RETRYAFTER applies only to future dated active jobs.

Explanation: The keyword RETRYAFTER can be specified only if ACTIVE=YES is specified for a future-dated scheduling request.

System action: Command is rejected.

Operator response: Correct and resubmit the scheduling request.

CAZ1730E   CAZ00080(ISPF_CMD) detected a zero ECB address, USER=*user_ID*

Explanation: This is an internal error found during command processing.

System action: Command processing completes.

Operator response: Report the error to the system administrator.

CAZ1731E   Parameter version mismatch: CurrVer=*caller_version_number*, CallerVer=*task_version_number*, Caller=*caller_name*

Explanation: An external component of Application Performance Analyzer called the Application Performance Analyzer started task to perform a function. The started task detected a mismatch between itself and the external component.

caller_version_number
    Represents an internal version number for the function as known by caller or external component.

task_version_number
    Represents an internal version number for the function as known by the started task.

caller_name
    Represents the caller or external component.

System action: The function could not be completed and is terminated.

User response: Report the error to the system administrator.

System programmer response: The action is based on the value specified in *caller_name*.

If *caller_name* specifies "IEFUSI" then the Application Performance Analyzer Step Initiation Exit is back

leveled with the version of the Application Performance Analyzer started task. Follow the instructions in the Application Performance Analyzer *Customization Guide* to upgrade the IEFUSI exit.

If *caller_name* specifies "ISPF CMD" then upgrade the Application Performance Analyzer/ISPF interface.

If *caller_name* specifies "SPX" then one or more members of the Application Performance Analyzer sysplex group is back leveled. Ensure that all members of the group are at the same Application Performance Analyzer version or higher.

CAZ1732I   **Request=**request_number**, Samples=**number_of_samples**, DURATION=** duration **seconds, Sample interval=**interval **seconds',**

Explanation: A NEW or MODIFY command was successfully issued. The message describes the sampling parameters specified for this request.

request_number
 Is the request number that was added or modified.

number_of_samples
 Is the number of samples to be taken.

duration
 Is the duration of the sampling session in seconds.

interval
 Is the interval in seconds, between each sample.

System action: The command is accepted.

Operator response: None.

CAZ1733E   **No active job found for job name** job_name**.**

Explanation: No matching job could be found for a request for an active job with job name *job_name*.

System action: Command is rejected.

Operator response: Correct and resubmit the scheduling request.

CAZ1734E   **No active job found for job name** job_name **and ASID** identifier**.**

Explanation: No matching job could be found for a request for an active job with job name *job_name* and ASID *identifier*.

System action: Command is rejected.

Operator response: Correct and resubmit the scheduling request.

CAZ1735E   **RETRYAFTER must specify positive time span.**

Explanation: When RETRYAFTER=(*mm*,FOR=*nn*) is specified, the value of *mm* multiplied by *nn* must be greater than zero.

System action: The command is rejected.

Operator response: Correct and resubmit the scheduling request.

CAZ1736S   **DIE enqueue failed. RC = 0x**return_code**.**

Explanation: This is an internal error.

System action: Request is failed.

Operator response: Refer to the Application Performance Analyzer technical support Web site at www.ibm.com/software/awdtools/apa/support/ to find a possible resolution to this problem.

CAZ1737E   **User:** user_ID **is not authorized to measure type, Req#=**request_number**, JobName=**job_name**.**

Explanation: User *user_ID* has attempted to measure or monitor a job of type:

- a TSO Address Space
- an Initiated Job
- a Started Task

and with a job name of *job_name*. *request_number* is the request number of the failed request. The user is not authorized to request this type of measurement request based on the rules defined to Application Performance Analyzer.

System action: The measurement request is failed. The job continues executing normally.

Operator response: Refer to the Application Performance Analyzer *Customization Guide* for information regarding defining access rules.

CAZ1738S   **All request numbers are now in use and a new request number cannot be assigned. Delete an old request and try your request again.**

Explanation: Application Performance Analyzer cannot accept new sampling request as all available request number have been exhausted.

System action: Request is failed.

Operator response: If you have old requests that are not longer needed then delete one or more of them and resubmit your request. Otherwise, contact your system administrator for assistance.

CAZ1739E **CONVTOD failed RC=0x***return_code***.**

Explanation: A NEW or MODIFY command was issued with a valid that is not valid for either the SDATE or STIME keywords. The value caused CONVTOD to fail with return code: *return_code*.

System action: Command parsing continues, and the feature that is not valid is ignored.

Operator response: Retry the request.

CAZ1740E **Keyword: REQNUM not allowed for** *cccc* **requests.** *cccc* **issued by User ID:** *user_ID***.**

Explanation: A *cccc* command was issued with the REQNUM keyword. REQNUM is not valid for a *cccc* command.

System action: Command is ignored.

Operator response: Resubmit the command without specifying REQNUM keyword.

CAZ1741E **Request=***request_number* **not found. MODIFY rejected. MODIFY issued by Userid:** *user_ID***.**

Explanation: An attempt to modify request *request_number* failed because it could not be found. Probable cause: another user deleted the request.

System action: Command is ignored.

Operator response: Determine whether the request was deleted. If it was not deleted, retry the MODIFY command.

CAZ1742E **Request=***request_number* **cannot be modified, the status is no longer 'Sched' MODIFY issued by Userid:** *user_ID***.**

Explanation: An attempt to modify a request that is no longer scheduled. Probable cause: the request has changed status while the Modify request was being processed.

System action: Command is ignored.

Operator response: None.

CAZ1743S **Severe error: request failed by CAZ00082.**

Explanation: A severe error occurred while attempting to create a new sampling request.

System action: Command is rejected.

Operator response: Refer to the Application Performance Analyzer technical support Web site at www.ibm.com/software/awdtools/apa/support/ to find a possible resolution to this problem.

CAZ1745E **Command:** *command_name***, missing required keyword:** *kkkkkk*

Explanation: A severe error occurred while attempting to create a new sampling request.

System action: Command fails.

Operator response: the missing keyword resubmit the command.

CAZ1746E **User:** *user_id***, not authorized for keyword:** *kkkkkk*

Explanation: The user: *user_id* specified a keyword: *keyword_name* for which he is not authorized. This most likely an attempt by the user to specify a keyword reserved for internal use only by Application Performance Analyzer.

System action: Command fails.

Operator response: Remove the keyword and resubmit the command.

CAZ1748E **Keyword: CTRAN must be specified when the CICS feature is selected.**

Explanation: The NEW command specified the CICS feature without the associated CTRAN keyword. You must specify one or more transaction codes or * for all transactions when the CICS feature is selected.

System action: The step is terminated.

Operator response: Specify the CTRAN keyword, and resubmit the job.

CAZ1749E **Keyword:** *keyword* **not allowed when Application Performance Analyzer is running in non-sysplex mode.**

Explanation: The keyword denoted by *keyword*, is not permitted when Application Performance Analyzer is executing stand-alone. That is: not part of a sysplex group.

System action: Command is rejected.

Operator response: Correct and resubmit the scheduling request.

CAZ1750E **Unable to retrieve sysplex job list for SYSTEMS=***system_name***.**

Explanation: A request for a list of job names to the system identified by *system_name* failed.

System action: The new scheduling request fails.

Operator response: Check the system log for additional messages or an SVC dump.

CAZ1751E   **Too many matching jobs in system**
                 system_name.

Explanation: There are too many job names in the system identified by *system_name* that match the requested job name.

System action: The new scheduling request fails.

Operator response: If possible, provide a more unique job name.

CAZ1752E   **Step information invalid for active job.**

Explanation: You cannot specify step information for an active job request. The currently executing step is the only one that can be measured.

System action: Command is rejected.

Operator response: Correct and resubmit the scheduling request.

CAZ1753E   **The RUNAGAIN keyword might not be**
                 specified for active jobs.

Explanation: The keyword RUNAGAIN might not be specified if ACTIVE=YES is specified.

System action: Command is rejected.

Operator response: Correct and resubmit the scheduling request.

CAZ1754E   **RUNAGAIN keyword missing required**
                 parameter.

Explanation: You have specified only one of the two required parameters for the RUNAGAIN keyword. Or you have specified a non-zero value for one of the parameters and zero for the other.

System action: Command is rejected.

Operator response: Ensure that both parameters contain non-zero values in the appropriate ranges of values.

CAZ1755E   **User:** *user_ID*, **is not authorized to**
                 function_name **Req#=***request_number*

Explanation: The userid specified by *user_ID* is not authorized to perform the function specified by *function_name* for the sampling request specified by *request_number*. *function_name* might be either 'DELETE' or 'KEEP'

System action: Command is rejected.

Operator response: Refer to the Application Performance Analyzer *Customization Guide* for information regarding defining access rules.

CAZ1756E   **Step number cannot be zero.**

Explanation: A step number value of zero was specified in a STEP keyword.

System action: Command is rejected.

Operator response: Correct and resubmit the scheduling request.

CAZ1757E   **Duplicate step number.**

Explanation: A STEP keyword has specified the same step number as another STEP keyword.

System action: Command is rejected.

Operator response: Correct and resubmit the scheduling request.

CAZ1758E   **Application Performance Analyzer is not**
                 enabled for *feature_variable*. **Request**
                 failed.

Explanation: A NEW or MODIFY request attempted to select a feature that has not been enabled in Application Performance Analyzer. The feature that has not been enabled is identified in *feature_variable*.

System action: None.

Operator response: The Application Performance Analyzer configuration settings have not been enabled for this feature. Refer to the "Started Task Configuration Settings" section in the Application Performance Analyzer *Customization Guide* for instructions on how to enable this feature.

CAZ1759E   *Feature_variable* **is not active. Request**
                 failed.

Explanation: A NEW or MODIFY request attempted to select a feature that could not be activated in Application Performance Analyzer. The feature that is not activated is identified in *feature_variable*.

System action: None.

Operator response: Refer to the MAIN sysout data set in the started task for error messages that describe the reason the feature could not be activated.

CAZ1762E   **Scheduling interval between events is**
                 not greater than the sampling duration.

Explanation: You have entered sequence schedule dates/times where the interval between two consecutive entries is less than or equal to the sampling duration. This is not permitted for a sampling request for an active job since it would cause two sampling sessions to overlap each other.

System action: Command is rejected.

Operator response: Correct and resubmit the scheduling request.

CAZ1763E   **Invalid IMS _keyword_ or mask "mask_value".**

Explanation: A NEW or MODIFY command was issued with _keyword_ keyword (where _keyword_ is either: ITRAN, IPROG, or IUSER) containing a syntactically incorrect IMS transaction name, program name or userid; or associated mask_value.

System action: Command failed.

Operator response: Correct and resubmit the command.

CAZ1764E   **Mutually exclusive IMS and CICS related keywords specified. Request failed.**

Explanation: A NEW or MODIFY command was issued with conflicting keywords. The command processor detected the presence of both IMS keywords (ITRAN, IPROG, and/or IUSER) as well as CICS keywords (CTRAN, CTERM, etc.). These sets of keywords are mutually exclusive.

System action: Command failed.

Operator response: Correct and resubmit the command.

CAZ1765E   **A Triggering request may not be converted to sample an active job.**

Explanation: The user attempted to convert a Triggering request for schedule job to sample an active job. This is not allowed.

System action: Command is terminated.

Operator response: None.

CAZ1766E   **Multi-step/Run-Again/Scheduling not allowed for a Triggered request.**

Explanation: The user attempted to create a Triggered request to sample either multiple steps in the job; or assign the request run-again or scheduling attributes. This is not allowed.

System action: Command is terminated.

Operator response: None.

CAZ1767E   **Triggered request cannot be aaaa, associated Triggering request status is invalid.**

Explanation: The user attempted to add or modify a Triggered request where the associated Triggering request is not in the correct status. This error occurs when the Triggering request status is no 'Sched'.

aaaa = added or modified

System action: Command is terminated.

Operator response: None.

CAZ1768E   **Triggered request cannot be aaaa, associated Triggering request targets an active address space.**

Explanation: The user attempted to add or modify a Triggered request against a Triggering request that is sampling an active address space.

aaaa = added or modified

System action: Command is terminated.

Operator response: None.

CAZ1769E   **Triggered request cannot be aaaa, associated Triggering request is already assign a Triggered request.**

Explanation: The user attempted to add or modify a Triggered request against a Triggering request that is already associated with a Triggered request. This is not allowed.

aaaa = added or modified

System action: Command is terminated.

Operator response: None.

CAZ1770E   **Triggered request cannot be aaaa, associated Triggering request: bbbb is not found.**

Explanation: The user attempted to add or modify a Triggered request against a Triggering request that no longer exists.

aaaa = added or modified

bbbb = request number of triggering request

System action: Command is terminated.

Operator response: None.

CAZ1771E   **Triggered request cannot be added, associated request: aaaa is also a Triggered request.**

Explanation: The user attempted to add a Triggered request to a request that is itself a Triggered request. Triggered requests cannot be chained together.

aaaa = request number of triggering request

System action: Command is terminated.

Operator response: None.

CAZ1772E **Triggered request cannot be added, associated request: aaaa specifies the same jobname.**

Explanation: The user attempted to add a Triggered request to a Triggering request and both requests specified the same jobname. This is redundant and not allowed since it would cause two observation requests to sample the same address space at the same time.

aaaa = request number of triggering request

System action: Command is terminated.

Operator response: None.

CAZ1773E **aaaa not permitted when a jobname pattern is also specified.**

Explanation: The keyword represented by 'aaaa', is not permitted when a jobname pattern is also specified since it may trigger multiple requests.

System action: Command is rejected.

Operator response: Correct and resubmit the scheduling request.

CAZ1774E **Only one scheduled event permitted when a jobname pattern is also specified.**

Explanation: The user attempted to specify multiple scheduled events for a request whose job name also specified a pattern. This is not permitted, since it would trigger multiple requests.

System action: Command is rejected.

Operator response: Correct and resubmit the scheduling request.

CAZ1775I **IEFUSI exit is disabled; new request for non-active job could not be added now.**

Explanation: The Application Performance Analyzer IEFUSI exit has abended too many times and has disabled itself to prevent further abends. New observation requests for non-active jobs will not be accepted until the exit is re-enabled.

System action: None.

Operator response: Search the system log for message ID CAZ9013E. Note the times of these messages, produce a logrec report, and contact product support.

CAZ1776E **DB2SP parameters must be entered for a specific stored procedure request.**

Explanation: A jobname of '-' indicates a specific DB2 stored procedure or user-defined function request, but not all required parameters were entered. Retry the request with all required parameters.

System action: None.

Operator response: None.

CAZ1777E **aaaa not allowed for a specific stored procedure request.**

Explanation: The user attempted to add or modify a specific stored procedure or user-defined function request. An option provided in the request is invalid. *aaaa* represents the invalid option.

System action: Command is terminated.

Operator response: None.

CAZ1778E **aaaaaaaa must be entered for an IMS Multiple Region Request.**

Explanation: The parameter or feature represented by *aaaaaaaa* is required and must be specified on the NEW command for an IMS Multiple Region Request.

System action: Command is rejected.

Operator response: Correct and resubmit the command.

CAZ1779E **aaaaaaaa not allowed for an IMS Multiple Region Request.**

Explanation: The parameter or feature represented by *aaaaaaaa* cannot be specified on the NEW command for an IMS Multiple Region Request.

System action: Command is rejected.

Operator response: Correct and resubmit the command.

CAZ1780E **An IMS Multiple Region Request must be an Active Request. Rejected.**

Explanation: The parameter ACTIVE=Y must be specified on the NEW command for an IMS Multiple Region Request.

System action: Command is rejected.

Operator response: Correct and resubmit the command.

CAZ1781E **An IMS Multiple Region Request cannot be modified.**

Explanation: A MODIFY command was entered for an IMS Multiple Region request. The MODIFY command is not valid for an IMS Multiple Region Request.

System action: Command is rejected.

Operator response: To change an existing IMS Multiple Region Request, delete/cancel the existing request and re-enter it.

CAZ1782E   Keyword: SYSTEMS cannot specify ALL for an IMS Multiple Region Request.

Explanation: You cannot specify ALL in the SYSTEMS keyword for an IMS Multiple Region Request. IMS Multiple Region Requests can only be created for a single system in the sysplex.

System action: Command is rejected.

Operator response: Correct and resubmit the command.

CAZ1783E   No eligible IMS regions found.

Explanation: An IMS Multiple Region request was submitted for the specified IMS subsystem and no dependent regions were eligible to schedule the specified tran code.

System action: Command is rejected.

Operator response: Verify that the IMS subsystem has at least one dependent region available to schedule the specified tran code and that the user has the required authority to measure the region(s).

CAZ1785E   The WAS extractor is mutually exclusive with the following extractor(s): *-extractor list-*.

Explanation: The user attempted to add an observation request that specified mutually exclusive extractors. In this case, the WAS extractor was selected along with other extractors that are mutually exclusive with WAS. *-extractor list-* contains the list of invalid extractors specified by the user.

System action: Command is rejected.

Operator response: Either remove WAS from the list of extractors or leave WAS and remove the conflicting extractors. Resubmit the observation request.

CAZ1786E   The target job must be active when the WAS extractor is selected.

Explanation: The user attempted to add an observation request for an inactive job with the WAS extractor selected.

System action: Command is terminated.

Operator response: Resubmit the observation request specifying the job name of an active WAS Controller region.

CAZ1787E   The WAS extractor was selected for an address space that is not a WAS Controller region.

Explanation: The user attempted to add an observation request that specified the WAS extractor for an address space that is not the WAS Controller region.

The WAS extractor may only be specified when the target address space is the WAS Controller region.

System action: Command is terminated.

Operator response: Resubmit the observation request specifying the job name of the WAS Controller region.

CAZ1788E   isWASController::GetPathNames failed. Jobname=*aaaa***, RC=***aaaax***, RSN=***bbbbx***.**

Explanation: An internal error occurred while processing a new request.

System action: Command is terminated.

Operator response: Record the message information and contact software support

CAZ1789E   isWASController method call to GetPathNames function abended.

Explanation: An internal error occurred while processing a new request.

System action: Command is terminated.

Operator response: Record the abend information from the system log and contact software support.

CAZ1790E   Operator command cannot be issued: XMCS Subtask is down.

Explanation: An attempt was made to issue an operator command from within the Application Performance Analyzer started task. The command could not be issued because the Extended MCS Console subtask is not up.

System action: Associated operation is failed.

Operator response: Review the XMCS SYSOUT for errors, correct any that are found, and retry the operation. If the XMCS SYSOUT does not exist, the XMCS subtask has not been started. Make sure that the CONFIG SAMPLE option WAS=YES is specified.

CAZ1792E   RUNAGAIN without interval invalid for scheduling request.

Explanation: The RUNAGAIN option must specify a non-zero time interval when used on a scheduling request.

System action: Command is rejected.

Operator response: Either provide a non-zero time interval or remove the RUNAGAIN option completely.

CAZ1793E   Request=*request_number***, specified for CRAG does not exist. Issued by Userid:** *user_ID***.**

Explanation: A cancel RUNAGAIN command specified a request number that does not exist.

System action: Command is rejected.

Operator response: None.

CAZ1794E **Request=**_request_number_**, cannot issue CRAG while Active or Writing. Issued by Userid:** _user_ID_**.**

Explanation: A cancel RUNAGAIN command was issued for an observation that is active or writing.

System action: Command is rejected.

Operator response: Wait for the request to end before issuing the cancel RUNAGAIN command.

CAZ1795E **Request:** _aaaaa_ **specified by $TRREQLINK, could not be found.**

Explanation: This is an internal error. A Threshold Monitor request was submitted with a link to a Trigger request, which was specified by _aaaaa_. However, the Trigger request could not be found.

System action: None.

User response: If the problem persists, contact product support.

CAZ1799I **--- generic message text ---**

Explanation: This is a general information message used for diagnostic purposes by product support. The text of the message will vary depending on the diagnostic data to be presented.

System action: None.

Operator response: None.

CAZ1800E **Invalid value or mask** _vvvvvvvv_ **for DDF filter** _DDF_filter_parameter_

Explanation: The value or mask _vvvvvvvv_ specified for DDF filter parameter _DDF_filter_parameter_ is invalid for one of the following reasons:

- The value contains an embedded blank.
- An asterisk (*) wildcard character was specified, but was not the first or last character in the string.
- The asterisk (*) and percent (%) wildcard characters were both specified. These wildcard characters are mutually exclusive and cannot be specified in the same pattern.

System action: Command is rejected.

Operator response: Correct the parameters and resubmit the command.

CAZ1801E **Mutually exclusive IMS, CICS, and DDF related keywords specified. Request failed.**

Explanation: A NEW or MODIFY command was issued with conflicting keywords. The DDF filter keywords (CORRID, EUSERID, and/or WKSTNID) have been specified with the IMS keywords (ITRAN, IPROG, and/or IUSER) or the CICS keywords (CTRAN, CTERM, and so on.). These sets of keywords are mutually exclusive.

System action: Command is rejected.

Operator response: Correct the parameters and resubmit the command.

CAZ1802E **Request failed. User provided sample dataset:** _aaaa_ **exists and replace was not specified.**

Explanation: The sample data set _aaaa_ specified by the user via the NEW or TNEW command, already exists and cannot be replaced because REPLACE=Y was not specified in the SAMPDSN keyword.

System action: The sample request is terminated and all sample data is lost.

Operator response: Refer to the Application Performance Analyzer User's Guide for information on how to use the SAMPDSN keyword.

CAZ1803E **Request failed. The SAMPDSN keyword is not allowed for the specified observation type.**

Explanation: The user specified the SAMPDSN keyword in a NEW or TNEW command. The command would have resulted in an observation request that is not compatible with the keyword.

System action: The command is terminated.

Operator response: Refer to the Application Performance Analyzer User's Guide for information on how to use the SAMPDSN keyword.

CAZ1804E **RACROUTE** _aaaa_ **failed for User:** _bbbb_**; (RC,RET,REA) = (**_ccccx,ddddx,eeeex_**).**

Explanation: The RACROUTE macro service represented by _aaaa_ failed for user _bbbb_ where; _cccc_ represents the SAF return code, _dddd_ represents the RACF return code, and _eeee_ represents the RACF reason code.

System action: Processing continues.

Operator response: Refer to: z/OS Security Server RACROUTE Macro Reference for a description of the return and reason codes.

CAZ1805E   **Command Processor has abended and will restart or Command Processor has abended and will not be restarted**

Explanation: This message indicates that the Command Processor abends and would either be restarted or not depending on whether the maximum number of Command Processor abends is exceeded.

System action: If the Command Processor is restarted, no action is required. If the Command Processor is not restarted, the Application Performance Analyzer started task is terminated.

Operator response: Collect all output from the Application Performance Analyzer started task and any dumps, then contact product support.

CAZ1806E   **DB2 SSID and Group Attach Name are mutually exclusive.**

Explanation: In a DB2 stored procedure request, the DB2 Subsystem ID and Group Attach Name positional parameters are mutually exclusive.

System action: Command is rejected.

Operator response: Remove either the DB2 Subsystem ID or the Group Attach Name and resubmit the command.

CAZ1807W   **SYSPLEX** *{func} {target}* **not possible:** *{sysid}* **not part of a SYSPLEX group.**

Explanation: The SYSPLEX command cannot proceed because the Application Performance Analyzer Started Task that issued the SYSPLEX command is not part of an Application Performance Analyzer SYSPLEX group.

SYSPLEX *{func} {target}* is not possible because *{sysid}* is not part of a SYSPLEX group.

Where,

{sysid}   The system ID of Application Performance Analyzer Started Task.

{func}   DISPLAY or RESETS.

{target}   SYSTEM or MEMBER.

System action: Application Performance Analyzer continues processing.

Operator response: If the command was issued in an instance of Application Performance Analyzer that is not part of Sysplex group, no further action is required. If the intended Application Performance Analyzer instance is supposed to be part of an Application Performance Analyzer Sysplex group, determine why the instance is not part of Sysplex group and correct the problem before you issue the command again.

CAZ2000I   **Checkpointer started.**

Explanation: This message indicates that the Checkpointer subtask has started and is in the process of initializing.

System action: Application Performance Analyzer continues initialization.

Operator response: None.

CAZ2001E   **Creation of Checkpoint File failed**

Explanation: An attempt to allocate a new Checkpoint File failed. Additional information is reported in CAZ2004E and CAZ2005E messages.

System action: Application Performance Analyzer terminates.

Operator response: Attempt to resolve the problem based on the information available in the message and restart the job.

CAZ2002E   **Allocation of Checkpoint File failed**

Explanation: An attempt to allocate the Checkpoint File to ddname CHKPT failed. Additional information is reported in CAZ2004E and CAZ2005E messages.

System action: Application Performance Analyzer terminates.

Operator response: Attempt to resolve the problem based on the information available in the message and restart the job.

CAZ2003E   **OPEN of Checkpoint File <dsname> failed**

Explanation: An OPEN of the Checkpoint File of the indicated dsname failed during initialization of Application Performance Analyzer. This probably indicates that the data set existed with incorrect characteristics. The Checkpoint File should be a physical sequential (PS) data set with unblocked, LRECL=1024 records.

System action: Application Performance Analyzer terminates.

Operator response: Attempt to resolve the problem based on the information available in the message and restart the job.

CAZ2004E   **Allocation of <dsname> to DD <ddname> failed**

Explanation: This is a secondary information message that provides qualifying information to a separate error message. This message reports a data set name *dsname* and DD Name *ddname* for which an allocation attempt failed. This is accompanied by message CAZ2005E or CAZ3943E.

System action: Application Performance Analyzer terminates.

Operator response: Attempt to resolve the problem based on the information available in the message and restart the job.

CAZ2005E **DYNALLOC Feedback RSN=<*return_code*> INFO= <*information_code*>**

Explanation: This is a secondary information message that provides qualifying information to a separate error message. It reports an error reason and error information code, in hexadecimal, returned from Dynamic Allocation (SVC 99) services.

System action: Application Performance Analyzer terminates.

Operator response: Refer to the *MVS Programming: Authorized Assembler Services Guide* for information about the above error codes. Attempt to resolve the problem based on the information available in the message and restart the job.

CAZ2007E **Checkpoint file: *aaaa*, is not compatible with this version of IBM APA for z/OS. Reason=*bb*.**

Explanation: This message is issued during Application Performance Analyzer started task start up. Application Performance Analyzer has detected that the data set, represented by *aaaa* and specified in the CONFIG file, either has incorrect DCB characteristics or contains a checkpoint file that is at a different version than the one supported by this version of Application Performance Analyzer. bb specifies the reason for the error, where:

- 01 indicates incorrect data set organization.
- 02 indicates incorrect record format.
- 03 indicates incorrect number of records in v3.0 checkpoint dataset.
- 04 indicates incorrect record length for v2.2 checkpoint dataset.
- 05 indicates incorrect number of records in v2.2 checkpoint dataset.
- 06 indicates MAX_REQ value is too large for v2.2 checkpoint dataset.
- 07 indicates incorrect checkpoint file version.

System action: Application Performance Analyzer terminates.

Operator response: Ensure that the checkpoint file is at the correct version for the version of Application Performance Analyzer that you are running. Also ensure that the data set has the correct DCB characteristics:

- For Application Performance Analyzer v13 and earlier: DSORG=PS, RECFM=F; and either LRECL=2048, BLKSIZE=4096, and records used is 10,000.
- For Application Performance Analyzer v14 and later: DSORG=PS, RECFM=F; and either LRECL=4096, BLKSIZE=4096, and records used is 30,000.

CAZ2008E **MaxReq value of: *aaaaa*, is less than current checkpoint file capacity of: *bbbbb*.**

Explanation: The CONFIG BASIC MaxReq value (*aaaaa*), specified in the configuration file, is less than the current checkpoint file capacity (*bbbbb*).

System action: Application Performance Analyzer stops.

Operator response: Ensure that the MaxReq value is equal to or greater than the value specified by *bbbbb*. You can increase the observation request capacity of the checkpoint file.

CAZ2009E **Checkpoint file has too many updates outstanding.**

Explanation: This error occurs when there are too many updates pending for a checkpoint file.

System action: Application Performance Analyzer STC terminates with a S0C3.

Operator response: Verify that all Application Performance Analyzer STCs with the same sysplex group name (SPXGroupName=*xxxxxxxx*) have the same checkpoint file defined in their CONFIG files. Also verify that the checkpoint file has not also been defined in a CONFIG file to a non-sysplex Application Performance Analyzer STC. Once the CONFIG files have been corrected, bring down and restart all Application Performance Analyzer STC's.

CAZ2010E **I/O error reading checkpoint file, attempting initialization**

Explanation: I/O error reading checkpoint file, attempting initialization. An I/O error on the checkpoint file was detected during started task initialization. The checkpoint file was being verified and the read failed. The started task assumes a corrupt checkpoint file and will attempt to initialize it.

This message will be followed message: CAZ2011E, which provides diagnostics on the I/O error.

System action: Application Performance Analyzer initialization continues.

Operator response: None.

CAZ2011E   *aaaa*, *bbbbbbbb*, *cccccccc*, *dddd*,*e* , *fffffff*, *gggg*, *hhhhhhhh*, *iiiiiiii*, *jjjjj*

Explanation: The message follows: CAZ2010E and provides diagnostic data the I/O error.

Message insert description:
aaaa   Number of bytes read
bbbbbbbb
            Jobname
cccccccc Stepname
dddd   Device number
e   Device type
fffffff   DDname
gggg   Operation attempted
hhhhhhhh
            Error description
iiiiiiii   Actual track address and block number
            (BBCCHHR in hex)
jjjjj   Access method

System action: Application Performance Analyzer initialization continues.

Operator response: None.

CAZ2012E   **MaxReq value has increased and one or more members of Sysplex group:** *aaaaa* **is still active. Checkpoint file capacity cannot be updated.**

Explanation: The CONFIG BASIC MaxReq keyword specified a value that is greater than the current capacity of checkpoint file. The Application Performance Analyzer started task cannot update the checkpoint file capacity. The started task is part of a Sysplex group and the started task is specified by *aaaaa*. One or more other members of this Sysplex group are active when this started task is attempting to update the checkpoint file's capacity.

System action: Application Performance Analyzer stops.

Operator response: Ensure that all other members of the Sysplex group are down and restart the Application Performance Analyzer started task.

CAZ2013I   **PME count reset on restart**

Explanation: Application Performance Analyzer loaded the PMEs from the CHKP dataset and found the count in the CHKP header record was incorrect. The CHKP dataset was corrupted.

System action: The CHKP header record is updated, and Application Performance Analyzer continues processing.

Operator response: If you did not enable a Sysplex group, ensure that the same CHKP dataset is not used for multiple Application Performance Analyzer instances.

CAZ2014E   **CHKP Dataset** *{mode}***serialization failed.**

Explanation: Application Performance Analyzer failed to establish the SYSTEMS ENQ that was required for the CHKP dataset based on the Sysplex mode of Application Performance Analyzer. If the Application Performance Analyzer *{mode}* is Sysplex, the ENQ is SHR level and another instance of Application Performance Analyzer is already operating in non-Sysplex mode for that CHKP dataset. If the Application Performance Analyzer {mode} is non-Sysplex, the ENQ is EXCL level and another instance of Application Performance Analyzer is already using that CHKP dataset.

System action: Application Performance Analyzer stops.

Operator response: Determine whether Application Performance Analyzer is to operate in Sysplex mode. If Sysplex mode is wanted, then all Application Performance Analyzer instances must have the same SPXGroupName and CheckpointDSN values. If non-Sysplex mode is wanted, then the Application Performance Analyzer CheckpointDSN must be unique.

CAZ2020I   **Checkpointer operating.**

Explanation: This message indicates that the Checkpointer subtask has completed initialization and is now ready for work.

System action: Application Performance Analyzer continues initialization.

Operator response: None.

CAZ2090I   **Checkpointer stopping.**

Explanation: This message is reported when the Checkpointer subtask has started its shutdown process.

System action: None.

Operator response: None.

CAZ2099I   **Checkpointer terminated.**

Explanation: This message is reported when the Checkpointer subtask has completed its shutdown process and is about to terminate.

System action: None.

Operator response: None.

CAZ2199S   **CAZ00040 has ended abnormally (ABEND). Sysplex event managing subtask is terminating.**

Explanation: This message indicates that the named component of Application Performance Analyzer has ended abnormally (ABEND). This message will be followed by a dump.

System action: Application Performance Analyzer terminates.

CAZ2700W **Resource constraints, new sampling rate=**_sampling_rate_

Explanation: This message indicates that a CPU usage constraint has been applied to the request, and the sampling rate has been reduced. This is controlled by the MaxMIPPercent parameter in your installation's configuration. The user will also get a warning message in the S01 Session Statistics report.

System action: None.

Operator response: None.

CAZ2701E **Resource constraints, new sampling request CANCELLED**

Explanation: This message indicates that a CPU usage constraint has been applied to the request, and the request has been cancelled. This is controlled by the MaxMIPPercent parameter in your installation's configuration. The user will see that the request's status has been set to Stopped.

System action: None.

Operator response: None.

CAZ2703W **Java constraints, new sampling rate=**_nnnn_

Explanation: This message indicates that a CPU usage constraint has been applied to the request, and the sampling rate has been reduced to _nnnn_. This message applies only to sampling Java™ 5.0 or higher. Note that this constraint is not controlled by the MaxMIPPercent parameter in your installation configuration.

System action: The sampling rate is reduced to the number indicated.

Operator response: None.

CAZ2704W **Java constraints, too few CPUs**

Explanation: There are not enough CPUs on the system to support Java sampling. This message applies only to sampling Java 5.0 or higher.

System action: Sampling continues, but no Java sampling is done.

Operator response: None.

CAZ3200I **Data writer for request** _request_number_ **JOB** _job_name_ **started.**

Explanation: This message indicates that a data writer subtask has started. A new data writer subtask is started each time Application Performance Analyzer starts sampling a job. _request_number_ is the request

number and _job_name_ is the name of the Job, STC, or TSU that the data writer has been assigned to.

System action: None.

Operator response: None.

CAZ3205E **DW** _request_number_ **: Error allocating** _dsn_ **E=**_error_code_ **I=** _information_code_ **SMS=**_reason_code_**.**

Explanation: This message indicates a dynamic allocation error occurred while the data writer was attempting to allocate the sample file (_dsn_) for the request _request_number_. _error_code_, _information_code_, and _reason_code_ represent the dynamic allocation error code, information code and SMS reason code respectively.

System action: The sampling request is terminated and all sample data is lost.

Operator response: Refer to the _MVS Programming: Authorized Assembler Services Guide_ for information about the above error codes. Correct the problem and resubmit the sampling request.

CAZ3206I **Request** _request_number_ **for JOB** _job_name_ **cancelled, sample file created.**

Explanation: Application Performance Analyzer has detected that a user has cancelled an active sampling request. An abbreviated sample has been created for this request

System action: None.

Operator response: None.

CAZ3208E **DW** _rrrr:_ **Unable to ATTACH DB2 HVXT sub-task. RC=**_aaaa_ **.**

Explanation: The data writer assigned to request _rrrr_ was unable to attach the Host Variable Extractor subtask. This subtask resolves SQL host variable names as requested by the user on the Measurement Options panel (DB2V - SQL Variables option).

System action: Sampling continues without SQL host variable name resolution. Reports containing SQL text will not display host variable names.

Operator response: Record the return code _aaaa_ and refer to the Application Performance Analyzer technical support Web site at www.ibm.com/software/awdtools/apa/support/ to find possible solutions to this problem.

CAZ3210I **Sampling dataset=**_dsn_**. Primary=**_primary_allocation_**, Secondary=**_secondary_allocation_ **in tracks.**

Explanation: This is an information message indicating that the data writer has successfully allocated a new sample file (_dsn_) with a primary and

secondary allocation of *primary_allocation* and *secondary_allocation* tracks respectively.

System action: None.

Operator response: None.

CAZ3211E   **DW *request_number*: Unable to ATTACH ESD subtask. RC=*return_code*.**

Explanation: The data writer assigned to request *request_number* was unable to attach an ESD subtask

System action: None. Sampling continues, but the user might notice missing load module CSECT information in some of the reports. Sampling will proceed for this request, but ESD information will not be available to reporting.

Operator response: Record the return code *return_code* and refer to the Application Performance Analyzer technical support Web site at www.ibm.com/software/awdtools/apa/support/ to find possible solutions to this problem.

CAZ3212W   **Coupling Facility sampling cannot proceed: *reason***

Explanation: Application Performance Analyzer has detected the absences of a Coupling facility. *reason* represents the reason text for this message.

System action: Coupling Facility sampling data will not be collected during any sampling sessions.

Operator response: You can ignore this message if your system is operating without Coupling Facility support. Otherwise, you might wish to review the cause of the error based on the text provided.

CAZ3213E   **Error detected while sampling the Coupling Facility: Set=*aa*, error=*bbbbbb***

Explanation: The message indicates that an unexpected error occurred while sampling the coupling facility.

System action: Coupling Facility sampling data will not be available, sampling continues for this request.

Operator response: If the message persists, record the values for *aa* and *bbbbbb* and refer to the Application Performance Analyzer technical support Web site at www.ibm.com/software/awdtools/apa/support/ to find possible solutions to this problem.

CAZ3214E   **IXLMG error. RC=*return_code* RSN=*reason_code***

Explanation: Application Performance Analyzer has detected an IXLMG error during Coupling Facility sampling. *return_code* and *reason_code* represent the return code and reason code from the IXLMG call.

System action: Coupling Facility sampling data will

not be collected during the sampling session.

Operator response: If the message persists, record the values for RC and RSN and refer to the Application Performance Analyzer technical support Web site at www.ibm.com/software/awdtools/apa/support/ to find possible solutions to this problem.

CAZ3215E   **IXCQUERY REQINFO=CF error. RC=*return_code* RSN= *reason_code***

Explanation: Application Performance Analyzer has detected an IXCQUERY error during Coupling Facility sampling. *return_code* and *reason_code* represent the return code and reason code from the IXCQUERY call.

System action: Coupling Facility sampling data will not be collected during the sampling session.

Operator response: If the message persists, record the values for RC and RSN and refer to the Application Performance Analyzer technical support Web site at www.ibm.com/software/awdtools/apa/support/ to find possible solutions to this problem.

CAZ3216E   **Unable to load DB2 module: *module_name*, Abend=S*return_code*, RSN=*reason_code***

Explanation: A required DB2 load module could not be loaded from STEPLIB.

module_name
    Represents the module name

S*return_code*
    Represents the abend code returned by the LOAD SVC

reason_code
    Represents the reason code returned by the LOAD SVC

System action: Processing continues but some or all DB2 plan and package timestamp data might not be present in the sample file.

Operator response: Add the DB2 load library to the STEPLIB concatenation in the Application Performance Analyzer Started Task JCL.

CAZ3217E   **DB2 error for Func=*DB2_function*; RC=*return_code*x; RSN=*reason_code*x; SSID=*subsystem_ID*; PLAN=*PLAN_name***

Explanation: The Application Performance Analyzer started task detected an error while performing a DB2 function.

DB2_function
    Represents the DB2 function

*return_code*x
    Represents the hex return code from the function

*reason_code***x**
> Represents the hex reason code from the function

subsystem_ID
> Represents the DB2 subsystem where the function was directed to

PLAN_name
> Represents the DB2 PLAN name under which the function was operation.

System action: Processing continues but some or all DB2 plan and package timestamp data might not be present in the sample file.

Operator response: Refer to the *IBM DB2 Universal Database™: Message Reference, Volume 1* or *IBM DB2 Universal Database: Message Reference, Volume 2* for an explanation of the reason code and associated corrective for action.

CAZ3218E   Error accessing DB2 catalog: *catalog* **on SSID:** *subsystem_ID*

Explanation: The Application Performance Analyzer started task detected an error while accessing a DB2 catalog.

catalog
> Represents the DB2 catalog

subsystem_ID
> Represents the DB2 subsystem where the access was directed to.

This message will be followed by one or more CAZ1799 messages that contain DB2 issue messages (DSN*).

System action: Processing continues but some or all DB2 plan and package timestamp data might not be present in the sample file.

Operator response: Refer to the *IBM DB2 Universal Database: Message Reference, Volume 1* or *IBM DB2 Universal Database: Message Reference, Volume 2* for an explanation of the DB2 message and associated corrective for action.

CAZ3220I   DW *request_number* **operating.**

Explanation: This message indicates that the data writer subtask assigned to request *request_number* has completed initialization and is now ready for work.

System action: None.

Operator response: None.

CAZ3222W   DW *aaaa***: ESD sub-task not ATTACHed, time limit expired.**

Explanation: The DataWriter's attempt to attach an ESD extractor subtask timed out. *aaaa* represents the request number associated with this DataWriter.

System action: The DataWriter continues processing but no ESD (CSECT) information is written out to the sample file.

Operator response: Contract product support.

CAZ3223E   DW *request_number* **DB2 subsystem not found in subsys table. DB2 Trace not stopped.**

Explanation: While attempting to stop a DB2 trace, the data writer was not able to locate the DB2 subsystem in the IBM Application Performance Analyzer DB2 subsystem table. This occurs at the end of the measurement. This message is displayed only when CONTROLSMF=YES is specified on the DB2I parameter in the CONFIG file.

System action: The DB2 trace is not stopped. The measurement ends normally.

Operator response: Check the status of the DB2 traces on the DB2 subsystem.

CAZ3224I   DW *request_number* **DB2 Acctg Trace stopped for DB2 subsys** *ssid***.**

Explanation: The data writer has stopped the identified DB2 trace for request number *request_number* on DB2 subsystem *ssid*. This message is displayed only when CONTROLSMF=YES is specified on the DB2I parameter in the CONFIG file.

System action: The DB2 trace is stopped normally.

Operator response: None.

CAZ3225E   DW *request_number* **DB2 Acctg Trace for DB2 subsys** *ssid* **not stopped - not active.**

Explanation: While attempting to stop a DB2 trace, the data writer has determined that the identified trace was not active on DB2 subsystem *ssid*. The trace may have been stopped manually. This message is displayed only when CONTROLSMF=YES is specified on the DB2I parameter in the CONFIG file.

System action: The measurement ends normally.

Operator response: Check the status of the DB2 traces on the DB2 subsystem.

CAZ3226E   DW *request_number* **DB2 Stop Trace command failed for DB2 subsys** *ssid***.**

Explanation: While attempting to stop a DB2 trace on DB2 subsystem *ssid*, the data writer encountered an expected error. This message is displayed when CONTROLSMF=YES is specified on the DB2I parameter in the CONFIG file.

System action: The required DB2 trace is not stopped. The measurement ends normally.

Operator response: Check the syslog or the DB2

subsystem joblog for DB2 diagnostic messages. Check the status of the DB2 traces on the DB2 subsystem.

CAZ3227E   Request failed. Error deleting user provided sample dataset *aaaa***.**

Explanation: The sample data set aaaa was specified by the user via the NEW or TNEW command, SAMPDSN keyword along with the REPLACE option. The Application Performance Analyzer started task failed to delete the data set so that it could replace it with a new sample file data set with the same name.

System action: The sample request is terminated and all sample data is lost.

Operator response: Refer to the system log for system messages that would indicate the reason for the failure. Correct the error and resubmit the observation request.

CAZ3230E   DW *request_number* **: EDTINFO error for device** *device_type***. RC=***return_code* **RSN=***reason_code***.**

Explanation: The data writer assigned to request *request_number* detected an EDTINFO error while analyzing a data set from the sampled region. *device_type* is the UCB device type, *return_code* and *reason_code* are the return and reason codes respectively from EDTINFO.

System action: None. Sampling continues, but the user might notice missing data when viewing the DASD reports.

Operator response: Refer to the *MVS Programming: Authorized Assembler Services Reference* for information about the EDTINFO return and reason codes. Correct the problem and resubmit the sample request.

CAZ3231E   DW *request_number* **: UCBLOOK error for device** *device_type***. RC=***return_code* **RSN=***reason_code***.**

Explanation: The data writer assigned to request *request_number* detected a UCBLOOK error while analyzing a data set from the sampled region. *device_type* is the UCB device type, *return_code* and *reason_code* are the return and reason codes respectively from UCBLOOK.

System action: None. Sampling continues, but the user might notice missing data when viewing the DASD reports.

Operator response: Refer to the *MVS Programming: Authorized Assembler Services Reference* for information about the UCBLOOK return and reason codes. Correct the problem and resubmit the sample request.

CAZ3232E   CAZ00699 Internal sampling error.

Explanation: This indicates that the sampling request had a severe error. This message is always accompanied by message CAZ3390E that gives the request number and an error code.

System action: The sampling request is terminated and marked as "Failed".

Operator response: Contact product support with the post code (*post_code*) from the accompanying CAZ3390E message as well as the complete FFO STC output.

CAZ3233E   Sampling has timed out. STC/TSO might no longer exist.

Explanation: This indicates that the sampling request has unexpectedly stopped sampling. This might be because the target address space has terminated. This message is always accompanied by message CAZ3390I that gives the request number and an error code.

System action: The sampling request is terminated and marked as "Failed".

Operator response: Contact product support with the post code (*post_code*) from the accompanying CAZ3390I message as well as the complete FFO STC output.

CAZ3234E   ***aaaaaaaa* **memory object RC=*bb* **RSN=X"***cccccccc***"**

Explanation: The 64-bit memory object operation identified by *aaaaaaaa* failed for the reason indicated by return code *bb* and reason code *cccccccc*. This occurs only if the DB2X option has been selected. For return code 8, see the reason codes for system code DC2 in the MVS System Codes manual.

System action: The memory request fails, but processing might continue depending on the context in which the error occurs.

User response: The MEMLIMIT specified in the Application Performance Analyzer started task may need to be increased, depending on the return code and reason code. If the size of the MEMLIMIT is not the problem, record the message information and contact product support.

CAZ3235E   DW *request_number* **DB2 Subsystem table is full. DB2 SMF data not captured.**

Explanation: While attempting to start a DB2 trace, the data writer was not able to add an entry to the IBM Application Performance Analyzer DB2 subsystem table. Information for more than 16 DB2 subsystems has been recorded by IBM Application Performance Analyzer on this system since the last IPL. This message is displayed only when CONTROLSMF=YES is specified on the DB2I parameter in the CONFIG file.

System action: The required DB2 trace is not started.

The measurement continues without SMF data capture.

Operator response: Contact product support. The DB2 trace may be started manually.

CAZ3236E   **DW** *request_number* **Unable to determine CRC for DB2 subsys** *ssid*. **DB2 SMF data not captured.**

Explanation: While attempting to start a DB2 trace, the data writer was not able to determine the DB2 command prefix for DB2 subsystem *ssid*. This message is displayed only when CONTROLSMF=YES is specified on the DB2I parameter in the CONFIG file.

System action: The required DB2 trace is not started. The measurement continues without SMF data capture.

Operator response: Contact product support. The DB2 trace may be started manually.

CAZ3237I   **DW** *request_number* **DB2 Acctg Trace started for DB2 subsys** *ssid*.

Explanation: The data writer has started the identified DB2 trace for request number *request_number*r on DB2 subsystem *ssid*. This message is displayed only when CONTROLSMF=YES is specified on the DB2I parameter in the CONFIG file.

System action: The required DB2 trace is started.

Operator response: None.

CAZ3238I   **DW** *request_number* **DB2 Acctg Trace already started for DB2 subsys** *ssid*.

Explanation: After issuing a DB2 start trace command, the data writer determined that the required trace was already active on DB2 subsystem *ssid*. This message is displayed only when CONTROLSMF=YES is specified on the DB2I parameter in the CONFIG file.

System action: The measurement continues.

Operator response: None.

CAZ3239E   **DW** *request_number* **DB2 Start Trace command failed for DB2 subsys** *ssid*. **DB2 SMF data not captured.**

Explanation: While attempting to start a DB2 trace on DB2 subsystem *ssid*, the data writer encountered an expected error. This message is displayed only when CONTROLSMF=YES is specified on the DB2I parameter in the CONFIG file

System action: The required DB2 trace is not started. The measurement continues without SMF data capture.

Operator response: Check the syslog or the DB2 subsystem joblog for DB2 diagnostic messages.

CAZ3248E   **DB2 intercept detected an abend. Sampling** *aaaaaa*.

Explanation: The DB2 intercept has detected an abend while its error recovery was in effect. Sampling will either continue or be terminated depending on the value specified for the ABENDSTOP subkeyword of the CONFIG SAMPLE DB2I setting. *aaaaaa* contains either 'continues' or 'terminates'.

System action: An SVC dump will be produced. Sampling will either continue or terminate. The DB2 intercept will be disabled for this sample session.

Operator response: Analyze the dump and contact Application Performance Analyzer product support if necessary.

CAZ3380E   **DSPSERV EXTEND error. RC=X"** *return_code*" **RSN=X"** *reason_code*".

Explanation: Application Performance Analyzer was unable to extend a sampling data space. *return_code* and *reason_code* represent the return and reason codes returned by DSPSERV EXTEND.

System action: The sampling request will be terminated and the sampling data set might be unusable.

Operator response: Refer to the *MVS Programming: Authorized Assembler Services Reference* for information about the DSPSERV EXTEND return and reason codes. Correct the problem then resubmit the sampling request.

CAZ3381E   **DSPSERV CREATE COMP1. RC=**aaaaaaaa **RSN=**bbbbbbbb

Explanation: Application Performance Analyzer detected an error while attempting to create a work dataspace for use by the compression routines. RC=*aaaaaaaa* and RSN=*bbbbbbbb* are the DSPSERV CREATE return and reason codes, respectively.

System action: Creation of the sample file continues but without compression.

Operator response: Refer to the *MVS Programming: Authorized Assembler Services Reference* for information on the DSPSERV CREATE return and reason codes. If the problem persists, contact IBM support.

CAZ3382E   **DSPSERV CREATE COMP2. RC=**aaaaaaaa **RSN=**bbbbbbbb

Explanation: Application Performance Analyzer detected an error while attempting to create a work dataspace for use by the compression routines. RC=*aaaaaaaa* and RSN=*bbbbbbbb* are the DSPSERV CREATE return and reason codes, respectively.

System action: Creation of the sample file continues but without compression.

Operator response: Refer to the *MVS Programming: Authorized Assembler Services Reference* for information on the DSPSERV CREATE return and reason codes. If the problem persists, contact IBM support.

CAZ3383E   ALESERV ADD COMP1 RC=*aaaaaaaa*

Explanation: Application Performance Analyzer detected an error while attempting to add an ALET for a work dataspace used by the compression routines. RC=*aaaaaaaa* is the ALESERV ADD return code.

System action: Creation of the sample file continues but without compression.

Operator response: Refer to the *MVS Programming: Authorized Assembler Services Reference* for information on the ALESERV ADD return codes. If the problem persists, contact IBM support.

CAZ3384E   ALESERV ADD COMP2 RC=*aaaaaaaa*

Explanation: Application Performance Analyzer detected an error while attempting to add an ALET for a work dataspace used by the compression routines. RC=*aaaaaaaa* is the ALESERV ADD return code.

System action: Creation of the sample file continues but without compression.

Operator response: Refer to the *MVS Programming: Authorized Assembler Services Reference* for information on the ALESERV ADD return codes. If the problem persists, contact IBM support.

CAZ3385E   ALESERV DELETE COMP1 RC=*aaaaaaaa*
            ALET=*bbbbbbbb*

Explanation: Application Performance Analyzer detected an error while attempting to delete an ALET for a work dataspace. RC=*aaaaaaaa* is the ALESERV return code and ALET=*bbbbbbbb* is the ALET.

System action: Normal processing continues.

Operator response: Refer to the *MVS Programming: Authorized Assembler Services Reference* for information on the ALESERV DELETE return codes. If the problem persists, contact IBM support.

CAZ3386E   ALESERV DELETE COMP2 RC=*aaaaaaaa*
            ALET=*bbbbbbbb*

Explanation: Application Performance Analyzer detected an error while attempting to delete an ALET for a work dataspace. RC=*aaaaaaaa* is the ALESERV return code and ALET=*bbbbbbbb* is the ALET.

System action: Normal processing continues.

Operator response: Refer to the *MVS Programming: Authorized Assembler Services Reference* for information on the ALESERV DELETE return codes. If the problem persists, contact IBM support.

CAZ3387E   DSPSERV DELETE COMP1 RC=*aaaaaaaa*
            RSN=*bbbbbbbb*

Explanation: Application Performance Analyzer detected an error while attempting to delete a work dataspace used for compression. RC=*aaaaaaaa* and RSN=*bbbbbbbb* are the DSPSERV DELETE return and reason codes, respectively.

System action: Normal processing continues.

Operator response: Refer to the *MVS Programming: Authorized Assembler Services Reference* for information on the DSPSERV DELETE return and reason codes. If the problem persists, contact IBM support.

CAZ3388E   DSPSERV DELETE COMP2 RC=*aaaaaaaa*
            RSN=*bbbbbbbb*

Explanation: Application Performance Analyzer detected an error while attempting to delete a work dataspace used for compression. RC=*aaaaaaaa* and RSN=*bbbbbbbb* are the DSPSERV DELETE return and reason codes, respectively.

System action: Normal processing continues.

Operator response: Refer to the *MVS Programming: Authorized Assembler Services Reference* for information on the DSPSERV DELETE return and reason codes. If the problem persists, contact IBM support.

**CAZ3389E   Sample file not compressed: encode
            failed**

Explanation: Application Performance Analyzer detected an error while attempting to compress the sample file.

System action: Normal processing continues without compression.

Operator response: If the problem persists, contact IBM support.

CAZ3390I   DW *request_number* **stopping. POST
            code=***post_code***.**

Explanation: This message is reported when the data writer subtask assigned to request *request_number* has started its shutdown process. The POST code *post_code* might be ignored. It would be used by product support diagnosis in the event of an error condition.

System action: None.

Operator response: None.

CAZ3399I   DW *request_number* **terminated. JOB
            id=***job_name***.**

Explanation: This message is reported when the data writer subtask assigned to request *request_number* and

Job *job_name*, has completed its shutdown process and is about to terminate.

System action: None.

Operator response: None.

CAZ3400I   **ESD extractor for request** *request_number* **JOB** *job_name* **started.**

Explanation: This message indicates that a ESD extractor subtask has started. A new ESD extractor subtask is started each time Application Performance Analyzer starts sampling a job. *request_number* is the request number and *job_name* is the name of the Job, STC, or TSU that the data writer has been assigned to.

System action: None.

Operator response: None.

CAZ3410I   **EE** *request_number* **operating.**

Explanation: This message indicates that the ESD extractor subtask assigned to request *request_number* has completed initialization and is now ready for work.

System action: None.

Operator response: None.

CAZ3420E   **EE** *request_number* **: ISITMGD. RC=***return_code* **RSN=***reason_code* **for** *dddddddd* **in PDS** *dsn***.**

Explanation: This message indicates an ISITMGD error occurred while the ESD extractor was attempting determine if data set *dsn* for the request *request_number*, was SMS managed. *return_code* and *reason_code* represent the ISITMGD return and reason codes.

System action: None. Sampling continues, but the user might notice missing load module CSECT information in some of the reports

Operator response: Refer to the *Macro Instructions for Data Sets* for information about the above error codes. Correct the problem and resubmit the request if necessary.

CAZ3421E   **EE** *request_number* **: Allocation error for** *dsn* **E=** *error_code* **I=***information_code* **SMS=***reason_code***.**

Explanation: This message indicates a dynamic allocation error occurred while the ESD extractor was attempting to allocate a load library (*dsn*) for module analysis during processing of request *request_number*. *error_code*, *information_code*, and *reason_code* represent the dynamic allocation error code, information code and SMS reason code respectively.

System action: None. Sampling continues, but the user might notice missing load module CSECT information in some of the reports

Operator response: Refer to the *MVS Programming: Authorized Assembler Services Guide* for information about the above error codes. Correct the problem and resubmit the sampling request.

CAZ3425E   **EE** *request_number* **: FIND error. RC=***return_code* **RSN=***reason_code* **for member** *member_name* **for** *dsn***.**

Explanation: This message indicates a FIND error occurred while the ESD extractor was attempting to find the member *member_name* in load library *dsn* during processing of request *request_number*. *return_code* and *reason_code* represent return and reason codes for FIND.

System action: None. Sampling continues, but the user might notice missing load module CSECT information in some of the reports

Operator response: Refer to the *DFSMS Macro Instructions for Data Sets* for information about the above error codes. Correct the problem and resubmit the request if necessary.

CAZ3430E   **EE** *request_number* **: IEWBIND Func=STARTD. RC=***return_code* **RSN =***rason_number* **for** *dsn***.**

Explanation: This message indicates a IEWBIND STARTD error occurred while the ESD extractor was preparing to extract ESD information from modules in load library *dsn* during processing of request *request_number*. *return_code* and *rason_number* represent return and reason codes for IEWBIND STARTD.

System action: None. Sampling continues, but the user might notice missing load module CSECT information in some of the reports

Operator response: Refer to the *DFSMS Program Management* for information about the above error codes. Correct the problem and resubmit the request if necessary.

CAZ3431E   **EE** *request_number* **: IEWBIND Func=CREATEW. RC=***return_code* **RSN=***reason_code* **for** *dsn***.**

Explanation: This message indicates a IEWBIND CREATEW error occurred while the ESD extractor was preparing to extract ESD information from modules in load library *dsn* during processing of request *request_number*. *return_code* and *reason_code* represent return and reason codes for IEWBIND CREATEW.

System action: None. Sampling continues, but the user might notice missing load module CSECT information in some of the reports

Operator response: Refer to the *DFSMS Program Management* for information about the above error codes. Correct the problem and resubmit the request if necessary.

CAZ3432E   EE *request_number* : **LOAD error. RC=***return_code* **RSN=***reason_code* **for** *cccccccc* **in** *dsn*.

Explanation: This message indicates a LOAD error occurred while the ESD extractor was preparing to extract ESD information from modules in load library *dsn* during processing of request *request_number*. *return_code* and *reason_code* represent return and reason codes for LOAD, *cccccccc* represents the load module.

System action: None. Sampling continues, but the user might notice missing load module CSECT information in some of the reports

Operator response: Refer to the *MVS Programming: Assembler Services Reference, Volume 1* or *MVS Programming: Assembler Services Reference, Volume 2* for information about the above error codes. Correct the problem and resubmit the request if necessary.

CAZ3433E   EE *request_number* : **CSVQUERY error. RC=***return_code* **for** *module_name* **in** *dsn*.

Explanation: This message indicates a CSVQUERY error occurred while the ESD extractor was preparing to extract ESD information from module *module_name* in load library *dsn* during processing of request *request_number*. *return_code* represents return code for CSVQUERY.

System action: None. Sampling continues, but the user might notice missing load module CSECT information in some of the reports

Operator response: Refer to the *MVS Programming: Assembler Services Reference, Volume 1* or *MVS Programming: Assembler Services Reference, Volume 2* for information about the above error codes. Correct the problem and resubmit the request if necessary.

CAZ3434E   EE *rrrr* **IEWBIND Func=***ffff*. **RC=***return_code* **RSN=***reason_code* **for** *dsn*, *ddn*.

Explanation: This message indicates an IEWBIND error occurred while processing function *ffff*. The ESD extractor was extracting ESD information from modules in load library *dsn* allocated to *ddn*during processing of request *rrrr*.

System action: None. Sampling continues, but the user might notice missing load module CSECT information in some of the reports.

Operator response: Refer to the *z/OS MVS Program Management: Advanced Facilities* for information about the return and reason codes. Correct the problem and resubmit the request if necessary.

CAZ3436E   EE *request_number* : **IEWBIND Func= GETE Type (S). RC=***return_code* **RSN=***reason_code* **for** *module_name* **in** *dsn*.

Explanation: This message indicates a IEWBIND GETE error occurred while the ESD extractor was extracting ESD information from module *module_name* in load library *dsn* during processing of request *request_number*. *return_code* and *reason_code* represent return and reason codes for IEWBIND GETE.

System action: None. Sampling continues, but the user might notice missing load module CSECT information in some of the reports

Operator response: Refer to the *DFSMS Program Management* for information about the above error codes. Correct the problem and resubmit the request if necessary.

CAZ3437E   EE *request_number* : **IEWBIND Func= GETE Type (ED,ER). RC=***return_code* **RSN=***reason_code* **for** *module_name* **in** *dsn*.

Explanation: This message indicates a IEWBIND GETE error occurred while the ESD extractor was extracting ESD information from module *module_name* in load library *dsn* during processing of request *request_number*. *return_code* and *reason_code* represent return and reason codes for IEWBIND GETE.

System action: None. Sampling continues, but the user might notice missing load module CSECT information in some of the reports

Operator response: Refer to the *DFSMS Program Management* for information about the above error codes. Correct the problem and resubmit the request if necessary.

CAZ3438E   EE *request_number* : **IEWBIND Func= GETE Type (LD,PR). RC=***return_code* **RSN=***reason_code* **for** *module_name* **in** *dsn*.

Explanation: This message indicates a IEWBIND GETE error occurred while the ESD extractor was extracting ESD information from module *module_name* in load library *dsn* during processing of request *request_number*. *return_code* and *reason_code* represent return and reason codes for IEWBIND GETE.

System action: None. Sampling continues, but the user might notice missing load module CSECT information in some of the reports

Operator response: Refer to the *DFSMS Program Management* for information about the above error codes. Correct the problem and resubmit the request if necessary.

CAZ3439E   **EE** *request_number* **: IEWBIND Func= GETD Type B_IDRB. RC=***return_code* **RSN=***reason_code* **for** *module_name* **in** *dsn***.**

Explanation: This message indicates a IEWBIND GETD error occurred while the ESD extractor was extracting ESD information from module *module_name* in load library *dsn* during processing of request *request_number*. *module_name*, *return_code*, and *reason_code* represent return and reason codes for IEWBIND GETE.

System action: None. Sampling continues, but the user might notice missing load module CSECT information in some of the reports

Operator response: Refer to the *DFSMS Program Management* for information about the above error codes. Correct the problem and resubmit the request if necessary.

CAZ3440E   **EE** *request_number* **: IEWBIND Func= GETD Type B_IDRL. RC=***return_code* **RSN=***reason_code* **for** *module_name* **in** *dsn***.**

Explanation: This message indicates a IEWBIND GETD error occurred while the ESD extractor was extracting ESD information from module *module_name* in load library *dsn* during processing of request *request_number*. *return_code* and *reason_code* represent return and reason codes for IEWBIND GETE.

System action: None. Sampling continues, but the user might notice missing load module CSECT information in some of the reports

Operator response: Refer to the *DFSMS Program Management* for information about the above error codes. Correct the problem and resubmit the request if necessary.

CAZ3441E   **EE** *request_number* **: IEWBIND Func= GETD Type B_IDRU. RC=***return_code* **RSN=***reason_code* **for** *module_name* **in** *dsn***.**

Explanation: This message indicates a IEWBIND GETD error occurred while the ESD extractor was extracting ESD information from module *module_name* in load library *dsn* during processing of request *request_number*. *return_code* and *reason_code* represent return and reason codes for IEWBIND GETE.

System action: None. Sampling continues, but the user might notice missing load module CSECT information in some of the reports

Operator response: Refer to the *DFSMS Program Management* for information about the above error codes. Correct the problem and resubmit the request if necessary.

CAZ3442E   **EE** *request_number* **: IEWBIND Func= GETD Type B_IDRZ. RC=***return_code* **RSN=***reason_code* **for** *module_name* **in** *dsn***.**

Explanation: This message indicates a IEWBIND GETD error occurred while the ESD extractor was extracting ESD information from module *module_name* in load library *dsn* during processing of request *request_number*. *return_code* and *reason_code* represent return and reason codes for IEWBIND GETE.

System action: None. Sampling continues, but the user might notice missing load module CSECT information in some of the reports

Operator response: Refer to the *DFSMS Program Management* for information about the above error codes. Correct the problem and resubmit the request if necessary.

CAZ3447E   **Invalid ESD IRB parameters detected.**

Explanation: This message indicates that the ESD IRB detected invalid input parameters and could not proceed.

System action: Sampling continues, but the user might notice missing load module CSECT information in some of the reports. The IRB will be abended.

Operator response: Refer to the *z/OS MVS Program Management: Advanced Facilities* for information about the return and reason codes. Correct the problem and resubmit the request if necessary.

CAZ3448E   **LOAD error. RC= ~~~~~~~~ RSN= ~~~~~~~~ HFS:** *HFS_file_name***.**

Explanation: The identified HFS file could not be loaded into storage.

System action: Processing continues, but no CSECT names, function names or compile time stamp information can be extracted.

Operator response: Lookup the return code and reason code values in the z/OS UNIX System Services Messages and Codes manual to determine the reason for the failure.

CAZ3449E   **CSVQUERY error. RC= ~~ HFS:** *HFS_file_name***.**

Explanation: A CSVQUESRY issued against the identified HFS file failed.

System action: Processing continues, but no CSECT names, function names or compile time stamp information can be extracted.

Operator response: Report this error to Application Performance Analyzer support.

CAZ3450E   DELETE error. RC= ~~~~~~~~ RSN= ~~~~~~~~ HFS:*HFS_file_name***.**

Explanation: The identified HFS file could not be deleted from storage.

System action: Processing continues, but the program remains in memory in the started task address space.

Operator response: Lookup the return code and reason code values in the z/OS UNIX System Services Messages and Codes manual to determine the reason for the failure.

CAZ3480E   Open for file: dsn failed due to a security violation.

Explanation: Application Performance Analyzer attempted to open for input the file named by dsn, to extract external symbol information. The open failed due to a security violation. For more information, refer to the joblog for other system related messages.

System action: Application Performance Analyzer continues processing the sample request. No symbol information will be available for any modules loaded from this file.

Operator response: If external symbol information is required, grant read access to the affected file.

CAZ3481E   EE detected an abend and is terminating

Explanation: The ESD Extractor has detected an abend while processing a load module and will be terminating.

System action: Application Performance Analyzer continues processing the sample request. Symbol information might be missing from some or all modules observed during this sample session.

Operator response: Save both the dump and all started task output and then contact customer support.

CAZ3482W   ESDE detected a module LOAD/DELETE mismatch, contact customer support.

Explanation: The ESD Extractor detected an error while attempting to delete a sampled module from memory. This is a warning message only. It will require additional information to diagnose. See Operator response for more information.

System action: None. The user should not experience any adverse affects.

Operator response: A dump of the Application Performance Analyzer STC address space will be required in order to better diagnose this problem. Contact customer support for instructions.

CAZ3526E   LANG=*language* **is not valid for CONVERT FORMAT=XML**

Explanation: XML documents can only be generated in the English language, and cannot be generated for the language indicated in *language*.

System action: None. The XML document is not generated.

Operator response: Either remove the LANG=*language* setting from the CONVERT statement, or change language to ENU and resubmit the print job.

CAZ3599I   DW ***request_number* **terminated.

Explanation: This message is reported when the ESD extractor subtask assigned to request *request_number* has completed its shutdown process and is about to terminate.

System action: None.

Operator response: None.

CAZ3650E   Error creating sampling data space for request: *request_number*. **DSPSERV: RC=X"** *return_code*" **RSN=X"***reason_code*".**

Explanation: Application Performance Analyzer detected an error while attempting to create a sampling data space for to request *request_number*. *return_code* and *reason_code* represent the DSPSERV CREATE return and reason codes.

System action: The sampling request will not proceed.

Operator response: Refer to the *MVS Programming: Authorized Assembler Services Reference* for information about the DSPSERV CREATE return and reason codes. Correct the problem and resubmit the sampling request.

CAZ3652E   Error adding sampling data space ALET for request: *request_number* **ALESERV ADD: RC="***return_code*".**

Explanation: Application Performance Analyzer detected an error while attempting to add a sampling data space ALET for to request *request_number*. *return_code* represents the ALESERV ADD return code.

System action: The sampling request will not proceed.

Operator response: Refer to the *MVS Programming: Authorized Assembler Services Reference* for information about the ALESERV ADD return and reason codes. Correct the problem and resubmit the sampling request.

CAZ3700I   **HV Extractor for request** *rrrr* **JOB** *jjjjjjjj*
started.

Explanation: A Host Variable Extractor subtask has started. This subtask resolves SQL host variable names as requested by the user on the Measurement Options panel (DB2V - SQL Variables option). The value for *rrrr* is the request number that the data writer has been assigned. The value for *jjjjjjjj* is the name of the Job, STC, or TSU being measured.

System action: None.

Operator response: None.

CAZ3703I   **HVXT**rrrr **operating.**

Explanation: The SQL Host Variable Extractor subtask assigned to request *rrrr* has completed initialization and is now ready for work.

System action: None.

Operator response: None.

CAZ3704E   **DB2 CAF modules failed to load. Error**
= *mmmm***.**

Explanation: A required DB2 CAF load module could not be loaded from STEPLIB. *mmmm* - Message **CAZ**mmmm has been issued for this error. Refer to this message for additional error information.

System action: Sampling continues without SQL variable name resolution. Reports containing SQL text will not display host variable names.

Operator response: Refer to message **CAZ**mmmm for operator response.

CAZ3705E   **Unexpected SQL error for** *aaaaaaaaaaaa***.**
Request: *rrrr***.**

Explanation: An unexpected SQLCODE value was returned by DB2 for a SQL call made by Application Performance Analyzer during SQL host variable resolution.

Additional information is displayed after this message to identify the SQL error. *aaaaaaaaaaaa* identifies the SQL call that received the error.

System action: Sampling continues. Depending on the SQL error, reports containing SQL text might not display host variable names.

Operator response: Record the error location and the SQL error information that follows this message and contact product support.

CAZ3706I   *Message text***.**

Explanation: This is a general information message used for diagnostic purposes by product support. The text of the message will vary depending on the diagnostic data to be presented.

System action: None.

Operator response: None.

CAZ3707E   **No SYSPACKSTMT row found for**
statement. Request: *rrrr***. StmtNo:** *ssssssss***.**

Explanation: During SQL host variable resolution, no corresponding rows were found in the DB2 catalog table SYSPACKSTMT for the SQL statement number identified by *ssssssss*. *rrrr* is the request number.

System action: Sampling continues. Reports containing the SQL statement text for statement number *ssssssss* will not display host variable names.

Operator response: Record the statement number and request number, and contact product support.

CAZ3708E   **No SYSSTMT row found for statement.**
Request: *rrrr***. StmtNo:** *ssssssss***.**

Explanation: During SQL host variable resolution, no corresponding rows were found in the DB2 catalog table SYSSTMT for the SQL statement number identified by *ssssssss*. *rrrr* is the request number.

System action: Sampling continues. Reports containing the SQL statement text for statement number *ssssssss* will not display host variable names.

Operator response: Record the statement number and request number, and contact product support.

CAZ3709E   **CAZ00073 detected a data space**
overflow error. One or more samples
might be lost.

Explanation: The data writer was unable to write one or more sample records to the sample data space. The data space was in the process of being expanded while the sample records were being added to the data space. These records were dropped to avoid overflowing the data space.

System action: Sampling continues. Reports containing SQL text might not display all host variable names.

Operator response: Record the statement number and request number, and contact product support.

CAZ3710S   Too many abends in: CAZ00073. HV Extractor Sub-task terminating.

Explanation: The Host Variable Extractor (HVXT) subtask has exceeded its abend threshold. The subtask will detect and recover from an abend situation. This sequence of recovery will continue until the subtask reaches a threshold point, at which time the subtask will terminate.

System action: Sampling continues, but the HVXT subtask terminates. Reports containing SQL text will may not display host variable names.

Operator response: Collect failure information and contact product support.

CAZ3711S   Unrecoverable error in: CAZ00073. HV Extractor Subtask terminating.

Explanation: The Host Variable Extractor (HVXT) subtask has detected an abend situation and cannot continue. A dump is produced and the subtask terminates.

System action: Sampling continues, but the HVXT subtask terminates. Reports containing SQL text will may not display host variable names.

Operator response: Collect failure information and contact product support.

CAZ3712E   Error threshold reached for message *aaaaaaaa*. Message suppressed.

Explanation: The Host Variable Extractor (HVXT) subtask has detected a recurring error identified by error message *aaaaaaaa*. To prevent excessive output from being generated, the error message is suppressed.

System action: See message *aaaaaaaa*.

Operator response: See message *aaaaaaaa*.

CAZ3799I   HVXT ~~~~ terminated.

Explanation: This message is reported when the Host Variable Extractor subtask has completed its shutdown process and is about to terminate.

System action: None.

Operator response: None.

CAZ3910E   Unable to open SYSPRINT data set.

Explanation: An error occurred while attempting to open the SYSPRINT data set. Possible cause: user omitted the SYSPINT DD statement from the JCL.

System action: The step is terminated.

Operator response: Review the job output for possible system messages related to this DD statement.

CAZ3911E   Unable to open SYSIN data set.

Explanation: An error occurred while attempting to open the SYSIN data set. Possible cause: user omitted the SYSIN DD statement from the JCL.

System action: The step is terminated.

Operator response: Review the job output for possible system messages related to this DD statement.

CAZ3912E   Invalid EXEC parameter specified: "*parameter*".

Explanation: An invalid EXEC parameter string was detected. Currently the only valid parameter is the STCID keyword and value.

System action: The step is terminated.

Operator response: Review the EXEC parameters to ensure that only an STCID keyword value pair is specified, for example: 'STCID=CAZ0'.

CAZ3913E   Command string ended prematurely.

Explanation: End of file was reached on the SYSIN data set prior to detecting the end of a command string.

System action: Processing continues to the next command string.

Operator response: Review the command string that preceded this message and ensure that it is terminated with a semicolon.

CAZ3914E   Command string contains unrecognized syntax.

Explanation: The command string that precedes this message contains a syntax error. Possible cause: command name that was not specified or the command name is not a known command.

System action: Processing continues to the next command string.

Operator response: Review the command string that preceded this message for errors.

CAZ3915W   No commands detected in input SYSIN.

Explanation: No valid command strings were detected in the SYSIN input data set. This is a warning message and indicates that the Batch Interface did not find any valid commands to process.

System action: The step is terminated.

Operator response: Review the SYSPRINT output for error messages that might precede this message.

CAZ3916E   SYSIN input file is empty.

Explanation: A SYSIN data set was specified but was found to be empty.

System action: The step is terminated.

Operator response: Ensure the SYSIN data set contains valid command strings.

CAZ3917I   Command successfully processed, RC=0000.

Explanation: The command that precedes this message has been successfully processed by the Application Performance Analyzer started task.

System action: Processing continues to the next command string.

Operator response: None.

CAZ3918E   The STCID key value pair was not specified in the EXEC parameters. Commands could not be processed. Active STCIDs follow:

Explanation: The user did not specify an Application Performance Analyzer ID ('STCID=*xxxx*') keyword value pair and the Batch Interface attempted to use the Application Performance Analyzer ID that was currently active on the system. This was not possible since there were more than one active Application Performance Analyzer IDs on this system.

This message is followed by a list of active Application Performance Analyzer IDs. For example:

System action: The step is terminated.

Operator response: Specify an STCID keyword value in the EXEC parameters.

CAZ3919E   Application Performance Analyzer started task with STCID=*aaaa* not active, processing cannot proceed.

Explanation: The user specified an Application Performance Analyzer ID of *aaaa*. This ID was not active at the time the Batch Interface ran.

System action: The step is terminated.

Operator response: Ensure that Application Performance Analyzer started task is active when running the Batch Interface.

CAZ3920E   There are no Application Performance Analyzer started tasks defined to this system, processing cannot proceed.

Explanation: The user did not specify an STCID key value pair EXEC parameter; and the system had no Application Performance Analyzer ID defined to it for which the Batch Interface could use as a default ID.

System action: The step is terminated.

Operator response: Ensure that Application Performance Analyzer started task is active when running the Batch Interface.

CAZ3922E   Command failed, RC=*return_code*

Explanation: The command that precedes this message failed to process successfully.

System action: Processing continues to the next command string.

Operator response: This message will be preceded by diagnostic messages that describe the cause of the failure.

CAZ3923I   Application Performance Analyzer Batch Interface terminating, highest return code is: *return_code*.

Explanation: This message indicates that the Batch Interface has completed processing and is terminating. *return_code* represents the highest return code detected during processing.

System action: The step is terminated.

Operator response: None.

CAZ3924E   Command string is too long for internal command buffer. Command could not be processed.

Explanation: The command string that precedes this message is too long for CAZBATCH's internal command buffer and cannot be processed.

System action: Processing continues to the next command string.

Operator response: Reduce the size of the command string by combining multiple input records for this command string into fewer records.

CAZ3925I   IBM APA for z/OS Batch Import terminating, highest return code is: *return_code*

Explanation: This message indicates that the Batch Import has completed and is terminating. *return_code* represents the highest return code detected during processing.

System action: The step is terminated.

Operator response: None.

CAZ3926E   Input XMIT file error - *error_message* Input Sample file error – *error_message*

Explanation: An error condition was detected during the batch import. *error_message* can be one of the following:

- XMIT lrecl not 80 - The import dataset must have an 80 byte record length
- XMIT Block size not 3120 - the import dataset must have a block size of 3120
- XMIT Record format not FB - the import dataset must be fixed block
- XMIT DSORG not PS - the import dataset must be physical sequential
- Contains more than one dataset - the dataset being imported contains more than one exported dataset
- Input record format not VB - the dataset being imported is not a variable block dataset
- Input DSORG not PS - the dataset being imported is not physical sequential
- Incomplete XMIT dataset - the dataset being imported is missing the XMIT trailer record
- Input Sample File error - Record format not VB – The input sample file must be variable blocked
- Input Sample File error - DSORG not PS – The input sample file must be physical sequential
- Input Sample File error - lrecl not 16380 or 32756 – The input sample file must have a record length of 16380 bytes or 32756 bytes
- Input Sample File error - Block size not 16384 or 32760 – The input sample file must have a block size of 16384 or 32760 bytes
- Input Sample File error - Incomplete dataset – The input sample file is not a complete sample file
- Input Sample File error - Open failed – Application Performance Analyzer cannot open the input sample file
- Application Performance Analyzer for z/OS version not compatible - The import data set is not compatible with the version of Application Performance Analyzer for z/OS attempting to perform the import operation.

System action: The step is terminated.

Operator response: Check that the data set being imported as the SAMPIN DD in the JCL is either a valid exported sample file or a valid sample file.

CAZ3927I   **Starting CDS function=***aaaax*

Explanation: This is an informational diagnostic message indicating that the Common Dataset Store function: *aaaa* is starting.

System action: None.

Operator response: None.

CAZ3928E   **Open failed for output sample dataset**

Explanation: The batch Import utility created an entry in the observation list for the import file, but was unable to open the data set for output to create the sample file.

System action: The step is terminated.

Operator response: Check for related error messages and security errors in the batch Import utility.

CAZ3929E   **Error allocating** *dataset_name* **E=***error_code* **R=***reason_code* **I=***information_code*

Explanation: This message indicates a dynamic allocation error occurred while attempting to allocate the *dataset_name* for the Import function.

System action: The step is terminated.

Operator response: Refer to the *MVS Programming: Authorized Assembler Services Guide* for information about the above error codes. Correct the problem and resubmit the Import request.

CAZ3930E   **SMS Error E=***error_code* **R=***reason_code* **I=***information_code*

Explanation: SMS messages related to message CAZ3928E

System action: The step is terminated.

Operator response: Refer to the *MVS Programming: Authorized Assembler Services Guide* for information about the above error codes. Correct the problem and resubmit the Import request.

CAZ3931I   **Import dataset** *dataset_name* **successfully imported to request number** *request_number***.**

Explanation: The Import request was successful for the named data set into *request_number* of the observation list.

System action: The step is complete.

Operator response: Use the Application Performance Analyzer ISPF front end to view the imported request.

CAZ3932E   *aaaa* **detected an abend while processing** *bbbb* **function. Function failed, see log for details.**

Explanation: Process *aaaa* detected an abend while processing the function described by *bbbb*. The function has failed, but the process has recovered successfully. The log will contain details of the abend and a dump might also have been produced.

System action: None.

Operator response: Report the problem to your systems programmer.

CAZ3933I   **Starting Import for User=**aaaa**, Input DSN=**bbbb**, delete Input DSN=**c

Explanation: The import operation for the sample file described by input data set name: bbbb has begun. The requesting user is: aaaa. Whether the input data set will be deleted is indicated by c (Y/N).

System action: None.

Operator response: None.

CAZ3934I   **Sample file successfully imported to Request# =** aaaa

Explanation: A sample file described in message CAZ3933I has been successfully imported into Application Performance Analyzer. The sample file has been assigned to request number specified by aaaa.

System action: None.

Operator response: None.

CAZ3935E   **Error detected for DDN=**aaaa**, Reason:** bbbb

Explanation: An error was detected while processing the dataset specified by the DDName aaaa. bbbb describes the reason for the error.

System action: The action related to this error message is failed.

Operator response: Correct the dataset error described by the reason information.

CAZ3936E   **Abend detected in Import interface. Refer to SVC Dump for more information.**

Explanation: An abend was detected while processing the Import request and an SVC dump was produced. Refer to the dump for the cause of the abend.

System action: The Import request is failed.

Operator response: Report the problem to your systems programmer.

CAZ3937E   **Import function not supported by STC:** aaaa

Explanation: The Import function is not supported by the STC whose ID is: aaaa. This is an internal error and user abend U4076 reason code 4 is generated.

System action: The Import request is failed.

Operator response: Report the problem to your systems programmer.

CAZ3938I   **CDS function** aaaax **successfully processed.**

Explanation: This is an informational diagnostic message indicating that the Common Dataset Store function: aaaa is has completed.

System action: None.

Operator response: None.

CAZ3939I   **Input Import dataset:** aaaa **successfully deleted.**

Explanation: The Import request completed successfully. The original input Import dataset described by aaaa was successfully deleted as requested by the user.

System action: None.

Operator response: None.

CAZ3940E   **Error renaming** dsn-1 **to** dsn-2**. RC=**aaaa**.**

Explanation: An attempt to rename dsn-1 to dsn-2 failed with the return code specified by aaaa.

System action: None. The operation causing the rename failed.

Operator response: Contract product support.

CAZ3941I   **Common Data Store DSN:** dsn

Explanation: During initialization, this message reports the name of the data set (dsn) Application Performance Analyzer will use for Common Data Store functions.

System action: None.

Operator response: None.

CAZ3942E   mod_name **Internal error:** error_text

Explanation: This is a generic message to describe internal errors. mod_name represents the module issuing the message and error_text represents the error that was detected.

System action: Operation failed.

Operator response: Contact product support.

CAZ3943E   **DYNALLOC Feedback Err=**error_code**, Info=**information_code**, SMS=**reason_code

Explanation: A dynamic allocation error occurred while attempting to allocate the Common Data Store file. error_code, information_code, and reason_code represent the dynamic allocation error code, information code and SMS reason code, respectively.

System action: The Common Data Store is disabled and unavailable.

Operator response: Refer to the *MVS Programming: Authorized Assembler Services Guide* for information about the above error codes. Correct the problem and then restart Application Performance Analyzer.

CAZ3944E   CDS file error: *error_text*

Explanation: This is a generic message that describes a file related error (in *error_text*) that occurred while accessing the Common Data Store.

System action: The Common Data Store is disabled and unavailable.

Operator response: Correct the problem based on the information provided by the *error_text* and then restart Application Performance Analyzer.

CAZ3945E   Open failed for dataset: *dsn*

Explanation: An open error occurred while attempting to open the dataset specified by *dsn*.

System action: None.

Operator response: Refer to the joblog for messages issued by the system. Correct the problem and restart Application Performance Analyzer.

CAZ3946I   Dataset: *dsn* **contains no members**

Explanation: This is an information message indicating that the PDSE specified by *dsn* is empty.

System action: None.

Operator response: None.

CAZ3947E   Error reading member from dataset: *dsn*, **member:** *member_name*, **RC=**return_code

Explanation: An error occurred while reading the dataset specified by *dsn* and *member_name*. *return_code* contains a internal error code that describes the error.

System action: None.

Operator response: Contact product support.

CAZ3948I   member: *member_nam*e, **in dataset:** *dsn* **empty.**

Explanation: This is an information message indicating that the member specified by *member_name*, in dataset *dsn*, is empty.

System action: None.

Operator response: None.

CAZ3949S   CDS Member table exhausted. Contact product support.

Explanation: An attempt to add a new member to the Common Data Store failed because the in core Common Data Store table is full.

System action: None.

Operator response: Contact product support.

CAZ3950E   User: *userid* **not authorized to access CDS member:** *mem-name*

Explanation: A user attempted to access the Common Data Store member whose member name is *mem-name*, for which the user does not have access. All users can access members that match their TSO user IDs. Administrators can access all Common Data Store members.

System action: The access is denied and the function is terminated.

Operator response: Ensure that the user is authorized to access the member.

CAZ3951W   Delete for Input Import dataset: *dsn* **failed,** *reason-text* **(r1,r2)**

Explanation: As part of a sample file Import function, the user also requested that the input dataset be deleted once the import was completed. However, the Application Performance Analyzer started task determined that it could not be deleted for the reason give in *reason-text*. The *r1* and *r2* values are internal codes used by product support. The input sample file will have been successfully created.

System action: None.

Operator response: Attempt to correct the problem based on the information provided in the *reason-text* and any additional message found in the job log. If this fails, then contact product support and provide them with the *reason-text*, *r1*, *r2* values and any additional messages found in the STC's joblog.

CAZ3952I   Member: *mem-name* **in dataset:** *dsn* *action*, **PIVCount=**count

Explanation: This is an information message indicating the action that was applied to member: *mem-name*. The named action may be: 'added', 'replaced', or 'deleted'. The Common Data Store dataset is name by: *dsn*. The number of variables processed is specified by *count*.

System action: None.

Operator response: None.

CAZ3953E   *Error_ action* **member:** *mem-name* **in dataset:** *dsn*, **STOW (RC/RSN)=(**rc/rsn**)**

Explanation: An error was detected while performing the named *Error_action*: 'adding', 'replacing', or 'deleting' to the member: *mem-name* in the Common Data Store dataset: *dsn*. The STOW macro's return code and reason code are returned in *rc* and *rsn*, respectively.

System action: The update operation is failed.

Operator response: Correct the error based on the STOW return code and reason code.

CAZ3954E   **Member: Error detected while reading from CDS. RC=**rc**, RSN=**rsn**, Module=**mod-name

Explanation: An error was detected while reading the Common Data Store. The error is indicated by the return code (*rc*) and reason code (*rsn*). The failing program is indicated by Module (*mod-name*).

System action: The operation is failed.

Operator response: Check the Common Data Store SYSOUT dataset of the Application Performance Analyzer started task for additional error messages and contact product support.

CAZ3955E   **Member: Error detected while writing to CDS. RC=**rc**, RSN=**rsn**, Module=**mod-name

Explanation: An error was detected while writing the Common Data Store. The error is indicated by the return code (*rc*) and reason code (*rsn*). The failing program is indicated by Module (*mod-name*).

System action: The operation is failed.

Operator response: Check the Common Data Store SYSOUT dataset of the Application Performance Analyzer started task for additional error messages and contact product support.

CAZ3956W   **Import for dataset:** *aa*, **requestor:** *bb* **failed. OIMS is down.**

Explanation: The requestor with a userid of *bb* attempted to import dataset *aa*. The import request failed because the Observation Import subtask is down.

System action: Command is terminated.

Operator response: Check the Application Performance Analyzer STC logs to determine why OIMS came down. Correct the problem, recycle the Application Performance Analyzer STC, and retry the Import request.

CAZ3957I   **Observation hierarchy starting at request#**aa **successfully imported.**

Explanation: The hierarchy of observations starting at the request number designated by *aa* has been successfully imported.

System action: None.

Operator response: None.

CAZ3958I   **Error detected in Observation Hierarchy export file:** *aa*; **sequence#:** *bb*; **original req#:** *cc*; **new req#** *dd*.

Explanation: The observation hierarchy file indicated by *aa* contained a sample file whose sequence number, original request number, and new request number are indicated by *bb*, *cc*, and *dd* respectively, was incomplete due to an error at the time the observation hierarchy export file was created.

System action: Processing continues. An observation session is created without a sample file.

Operator response: Attempt to recreate the observation hierarchy file and try the import again.

CAZ3959E   **Invalid export file DSN pattern.**

Explanation: The DSN pattern defined by the ExportDSN parameter in the started task configuration file resulted in an invalid DSN. The pattern is shown in message CAZ3961I, which accompanies this message.

System action: Request fails.

Operator response: Correct the value of the ExportDSN parameter in the started task configuration file and recycle the Application Performance Analyzer started task.

CAZ3960E   **Resolved export file DSN pattern is too long.**

Explanation: The DSN pattern defined by the ExportDSN parameter in the started task configuration file resulted in a DSN that is too long. The pattern is shown in message CAZ3961I, which accompanies this message.

System action: Request fails.

Operator response: Correct the value of the ExportDSN parameter in the started task configuration file and recycle the Application Performance Analyzer started task.

CAZ3961I   **<export file DSN pattern>**

Explanation: This is an information message that accompanies a previous error message.

System action: None.

Operator response: None.

CAZ3962E   **Import failed: unable to generate unique sample file name; DIAG=(*aa*, *bb*).**

Explanation: The Import operation was unable to generate a unique dataset name for the file that will contain the imported observation. The value in *aa* represents the input import dataset name; and *bb* represents the non-unique generated dataset name.

System action: Application Performance Analyzer fails the import operation.

Operator response: This error may be related to the CONFIG SAMPLE SampleDSN parameter value. It may contain a model dataset name that would generate non-unique dataset names. For example: "SampleDSN=SYS3.CAZ0.D&LYYMMDD..SF". This model dataset name would allow only one unique sample file to be created per day. Correct the SampleDSN, recycle the Application Performance Analyzer started task, and retry the operation.

CAZ3963I   **Configuration update requested**

Explanation: Application Performance Analyzer received a CONFIG UPDATE command.

System action: Application Performance Analyzer processes the command.

Operator response: None.

CAZ3964I   **CONFIG *sectName parmName* updated**

Explanation: The configuration parameter identified by *parmName* in the section identified by *sectName* has been dynamically updated as a result of a CONFIG UPDATE command.

System action: Processing continues.

Operator response: None.

CAZ3965I   **CONFIG *sectName parmName* not updated**

Explanation: The configuration parameter identified by I in the section identified by *sectName* has been changed, but cannot be dynamically updated. The change takes effect when the Application Performance Analyzer started task is restarted.

System action: Processing continues.

Operator response: Restart Application Performance Analyzer if the change is required immediately.

CAZ3966I   **Configuration update completed**

Explanation: Application Performance Analyzer has completed processing a CONFIG UPDATE command.

System action: None.

Operator response: None.

CAZ3967I   **Configuration update failed**

Explanation: Application Performance Analyzer received a CONFIG UPDATE command, but there were errors in the configuration input file.

System action: The command fails. No configuration parameters are updated.

Operator response: Check for CMDP SYSOUT error messaged in the Application Performance Analyzer started task.

CAZ3968E   *aaaa* **not authorized to** *bbbb cccc*: *dddd*

Explanation: The entity represented by *aaaa* is not authorized to perform the action specified by *bbbb*. *cccc* describes the file and *dddd* represents the data set name.

System action: Processing continues.

Operator response: Ensure that the entity has the authority to perform the described action to the specified data set.

CAZ3969S   **REGISTRATION HAS BEEN DENIED FOR PRODUCT: OWNER=***aaaa***; NAME=***bbbb***; VERSION=***cccc***; ID=***dddd*

Explanation: The system denies the request to register APA. According to the product enablement policy, the state of Application Performance Analyzer is set to DISABLED. This message might be accompanied by a similar message: IFA104I.

aaaa - Represents the product owner.

bbbb - Represents the product name.

cccc - Represents the product version.

dddd - Represents the product identifier.

System action: The system does not perform the request.

Operator response: Contact your system programmer to register APA.

CAZ4003E   *ssss***-01C main: J9VM launch failed RC=***nnnn*

Explanation: The Application Performance Analyzer started task specified by *ssss* was unable to launch a J9VM for Java support, for the reason indicated by *nnnn*. This message is only displayed if

J9VMEnable=YES is specified in the CONFIG file.

System action: Processing continues but without J9VM support.

Operator response: Contact product support.

CAZ4004D   xxxxxxx

Explanation: This is a generic diagnostic message for J9VM support. These messages are displayed only when the DiagLevel configuration option is set to 9.

System action: None.

Operator response: None.

CAZ4005E   JVMTI fetch failed for *xxxxxxxx*

Explanation: The Application Performance Analyzer JVMTI agent was unable to fetch the executable program named by *xxxxxxxx*.

System action: The Application Performance Analyzer JVMTI agent terminates.

Operator response: Ensure that the named Application Performance Analyzer module is in a link list dataset.

CAZ4006E   JVMTI AsmfInit rc=*xxxx* **rsn=***yyyy*

Explanation: The Application Performance Analyzer JVMTI agent received an unexpected return value from its Assembler service module.

System action: The Application Performance Analyzer JVMTI agent terminates.

Operator response: Contact product support.

CAZ4007E   JVMTI Concurrent sampling is not supported

Explanation: The Application Performance Analyzer JVMTI agent was invoked by more than one sampling request at the same time. Only one sampling request per address space is supported.

System action: The Application Performance Analyzer JVMTI agent terminates.

Operator response: Limit Java sampling requests to one per address space.

CAZ4008E   JVMTI Agent_OnLoad is not supported

Explanation: The Application Performance Analyzer JVMTI agent was invoked during the load phase of the Java VM. This is not supported. The agent must be loaded as a result of an attach request by the Application Performance Analyzer started task.

System action: The JVM terminates.

Operator response: Do not specify the Application

Performance Analyzer JVMTI agent in the startup options of your Java job.

CAZ4009W   JVMTI diagnostic file open failed

Explanation: The Application Performance Analyzer JVMTI agent was unable to open a diagnostic file.

System action: Sampling continues, but without JVMTI agent diagnostics.

Operator response: Ensure that the /tmp directory exists and has appropriate permissions and available space.

CAZ4010I   J9VM support subtask started.

Explanation: The J9VM support subtask has been started. This occurs only if J9VMEnable=YES is specified in the configuration file.

System action: None.

Operator response: None

CAZ4011I   J9VM support subtask terminating.

Explanation: The J9VM support subtask is terminating.

System action: None.

Operator response: None

CAZ4012I   File mode creation mask set to *xxxxxxxx***.**

Explanation: The USS file mode creation mask has been set to the hex value *xxxxxxxx*.

System action: None.

Operator response: None.

CAZ4013E   Change directory request failed: RC=*aaaaaaaa* **RSN=***bbbbbbbb***.**

Explanation: A request to change the USS current working directory has failed. The return code is *aaaaaaaa* and the reason code is *bbbbbbbb*.

System action: The J9VM subtask terminates.

Operator response: Lookup the return code and reason code in the *UNIX System Services Messages and Codes* manual. Determine if the error is a result of Application Performance Analyzer J9VM installation problems or incorrect parameters in the configuration file.

CAZ4014E   Spawn request failed: RC=*aaaaaaaa* **RSN=***bbbbbbbb***.**

Explanation: A USS request to spawn CAZJNI01 has failed. The return code is *aaaaaaaa* and the reason code is *bbbbbbbb*.

System action: The J9VM subtask terminates.

Operator response: Lookup the return code and reason code in the *UNIX System Services Messages and Codes* manual. Determine if the error is a result of Application Performance Analyzer J9VM installation problems or incorrect parameters in the configuration file. Make sure that CAZJNI01 has the APF authorization extended attribute set on.

CAZ4015E   Wait request failed: RC=aaaaaaaa
RSN=bbbbbbbb**.**

Explanation: A request to wait for CAZJNI01 to finish has failed. The return code is *aaaaaaaa* and the reason code is *bbbbbbbb*.

System action: The J9VM subtask terminates.

Operator response: Lookup the return code and reason code in the *UNIX System Services Messages and Codes* manual. Determine if the error is a result of Application Performance Analyzer J9VM installation problems or incorrect parameters in the configuration file. Make sure that the Application Performance Analyzer started task has the required USS permissions.

**CAZ4016E   Clean up kernel resources request
failed: RC=**aaaaaaaa **RSN=**bbbbbbbb**.**

Explanation: A request to clean up USS kernel resources failed. The return code is *aaaaaaaa* and the reason code is *bbbbbbbb*. This error can occur only when the Application Performance Analyzer started task is terminating.

System action: The J9VM subtask continues its termination.

Operator response: Lookup the return code and reason code in the *UNIX System Services Messages and Codes* manual. Determine if the error is a result of Application Performance Analyzer J9VM installation problems or incorrect parameters in the configuration file. Make sure that the Application Performance Analyzer started task has the required USS permissions.

CAZ4019E   JVMTI agent cannot find started task.

Explanation: The preloaded JVMTI agent could not find the Application Performance Analyzer started task.

System action: The JVMTI agent terminates.

User response: Start the Application Performance Analyzer started task before the timeout value for the JVMTI agent has expired. The default timeout value is 1 minute. A higher value can be specified on the –agentpath runtime parameter for the JVMTI agent. See the *IBM Application Performance Analyzer for z/OS Customization Guide* for details.

CAZ4020I   JIDA cleanup subtask started.

Explanation: The JIDA cleanup subtask has been started.

System action: None.

User response: None.

CAZ4021I   JIDA cleanup subtask terminating.

Explanation: The JIDA cleanup subtask is terminating.

System action: None.

User response: None.

**CAZ4700E   Unable to schedule SRB for JOB
job_name. RC=**return_code**.**

Explanation: Application Performance Analyzer was unable to reschedule a sampling SRB in the target address spaced specified by job *job_name*. *return_code* represents the IEAMSCHD return code.

System action: The sampling request will be terminated. The sample might be unusable.

Operator response: Refer to the *MVS Programming: Authorized Assembler Services Reference* for information about the IEAMSCHD return and reason codes. Correct the problem and resubmit the sampling request.

CAZ4701E   Unable to schedule SRB. JOB job_name
and ASID X"identifier**" no longer valid.**

Explanation: Application Performance Analyzer was unable to reschedule a sampling SRB in the target address spaced specified by job *job_name* and ASID *identifier*. Application Performance Analyzer has detected that the address space has terminated.

System action: The sampling request will be terminated. The sample might be unusable.

Operator response: Resubmit the sampling request.

**CAZ4702E   Unable to schedule SRB for JOB
job_name Abend code is X"**return_code**".**

Explanation: Application Performance Analyzer was unable to reschedule a sampling SRB in the target address spaced specified by job *job_name* due to a system abend *return_code*. Abend summary information will follow in Message:

System action: The sampling request will be terminated. The sample might be unusable.

Operator response: Resubmit the sampling request.

CAZ4703I   variable text message

Explanation: This message contains abend summary information useful to product support. This message will be preceded by message CAZ4702S.

System action: None.

Operator response: Record these error messages and refer to the Application Performance Analyzer technical support Web site at www.ibm.com/software/awdtools/ apa/support/ to find possible solutions to this problem.

CAZ4805E   SRB ALESERV ADD failed at { initialization | EOJ }. RC=*return_code*.

Explanation: The Application Performance Analyzer sampling SRB detected an error while attempting to add a sampling data space ALET. *return_code* represents the ALESERV ADD return code.

System action: The sampling request will not proceed.

Operator response: Refer to the *MVS Programming: Authorized Assembler Services Reference* for information about the ALESERV ADD return and reason codes. Correct the problem and resubmit the sampling request.

CAZ4810I   RESMGR ADD failed, RC=*aaaaaaaax*.

Explanation: The sampling session attempted to establish a Resource Manager. The request failed for the reason describe by the RESMGR return coded specified by the hex value: *aaaaaaaax*.

System action: Sampling continues, however under rare conditions sampling may be marked "incomplete" if sampling could not perform end of sampling functions.

Operator response: Retry the sample request. Contact product support if the problem persists.

CAZ4811E   IBM APA for z/OS's Resource Manager has abnormally terminated.

Explanation: Application Performance Analyzer's Resource Manager has abended, recovered and terminated.

System action: Normal step termination continues.

Operator response: Save the SVC dump and contact product support.

CAZ4880E   User Exit: CAZDEXMR failed. RC=*rc* RSN=*rsn*

Explanation: The Data Extractor Module Resolution User Exit failed. The exit's return code (*rc*) and reason codes (*rsn*) are displayed in the message text. This message is displayed in the REQ#*nnnn* SYSOUT dataset

in the Application Performance Analyzer started task. *nnnn* is the observation request number associated with the error. This error message may be accompanied by message: CAZ4881I.

System action: None. Sampling continues. The user exit may not be called again, depending on the severity of the error.

Operator response: Refer to Appendix D of the *Application Performance Analyzer for z/OS Customization Guide* for an explanation of the return and reason codes.

CAZ4881I   *variable text*

Explanation: Optional error message text provided by the Data Extractor Module Resolution User Exit. This text describes the error reported by message: CAZ4880E. This message is displayed in the REQ#*nnnn* SYSOUT dataset in the Application Performance Analyzer started task. *nnnn* is the observation request number associated with the error.

System action: None.

Operator response: Contact the programmer who developed this program for an explanation of the return and reason codes.

CAZ5001E   CICS sampling cannot proceed - invalid JSTCB parameter detected.

Explanation: This is an internal error.

System action: The sampling request will not proceed.

Operator response: If this problem persists, refer to the Application Performance Analyzer technical support Web site at www.ibm.com/software/awdtools/ apa/support/ to find possible solutions to this problem.

CAZ5002E   CICS sampling cannot proceed - internal CICS version table is invalid.

Explanation: This is an internal error.

System action: The sampling request will not proceed.

Operator response: If this problem persists, refer to the Application Performance Analyzer technical support Web site at www.ibm.com/software/awdtools/ apa/support/ to find possible solutions to this problem.

CAZ5003E   CICS sampling cannot proceed - unsupported version of CICS; Diag=*aaaaaaaa*.

Explanation: The version of CICS is not supported, Application Performance Analyzer cannot measure this CICS region.

System action: The sampling request will not proceed.

Operator response: Refer to the Application Performance Analyzer *Program Directory* to see which versions of CICS are supported.

| **CAZ5150E** | **ObsMaintenance keywords INTVAL and TOD specified incompatible values.**

Explanation: The CONFIG BASIC ObsMaintenance keywords INTVAL and TOD specified incompatible values because you specified non-blank values for both INTVAL and TOD. One of INTVAL and TOD can contain blank the other must contain a valid non-blank value.

System action: Application Performance Analyzer stops.

Operator response: Correct the error in the CONFIG file and start Application Performance Analyzer again.

| **CAZ5151I** | **The ObsMaintenance AutoDel option is disabled. ExpiryDays has been set to: (0,Y,255).**

Explanation: The ObsMaintenance AutoDel option and ExpiryDays option work together. If the ObsMaintenance AutoDel feature is disable, Application Performance Analyzer effectively disables the ExpiryDays feature.

System action: Application Performance Analyzer continues processing.

Operator response: None.

CAZ5201E **OPEN of CONFIG file failed**

Explanation: The configuration file OPEN failed. This file is allocated (in JCL) to DDNAME=CONFIG. This error occurs if the CONFIG DD statement is missing or the file is not a sequential FB LRECL=80 data set.

System action: Application Performance Analyzer terminates.

Operator response: Correct the CONFIG DD statement or the configuration file.

CAZ5202E **Fatal errors processing CONFIG file**

Explanation: Errors were encountered in CONFIG statements in the CONFIG file. Details of the error(s) follow in separate messages.

System action: Application Performance Analyzer terminates.

Operator response: Refer to the Application Performance Analyzer *Customization Guide* for information about defining started task configuration settings.

CAZ5203E **Parsing error in CONFIG SM/TM**

Explanation: This is an internal error and can occur only if certain internal templates are syntactically invalid. This error should also be accompanied by an AJT*nnnn* message providing additional details as well as a CAZ5205E message.

System action: Processing terminates.

Operator response: Report the problem to product support.

CAZ5204E **Processing error in loadDRT of CONFIG SM /TM**

Explanation: This is an internal error and can occur only if certain internal templates are syntactically invalid. This error should also be accompanied by an AJT*nnnn* message.

System action: Processing terminates.

Operator response: Report the problem to product support.

CAZ5205E **Error processing object=**object_name

Explanation: This is an internal error and can occur only if certain internal templates are syntactically invalid. This message accompanies a CAZ5203E message and indicates which CONFIG object (*object_name*) was being processed when the error occurred.

System action: Processing terminates.

Operator response: Report the problem to product support.

CAZ5206E **Error processing object=**object_name

Explanation: This is an internal error and can occur only if certain internal templates are syntactically invalid. This message accompanies a CAZ5204E message and indicates which CONFIG object (*object_name*) was being processed when the error occurred.

System action: Processing terminates.

Operator response: Report the problem to product support.

CAZ5207I **CONFIG file processed successfully**

Explanation: This indicates that all statements in the CONFIG file were processed successfully.

System action: Application Performance Analyzer continues initialization.

Operator response: None.

CAZ5208E **CONFIG BASIC keyword:**
SPXGroupName **contains a value:**
*group_name***, which matches the name of**
the Sysplex.

Explanation: The group name specified for
SPXGroupName is the same as the name used to
identify your Sysplex. This value is not allowed as an
Application Performance Analyzer group name.

System action: Application Performance Analyzer
terminates.

Operator response: Refer to the Application
Performance Analyzer *Customization Guide* for
information how to code this keyword value.

CAZ5209E **Required parameter***(aaaaaaaa)* **missing**
for *bbbbbbbb* **keyword: Keyword** *cccccccc*

Explanation: The parameter specified by *aaaaaaaa* was
required and missing for the keyword specified by
cccccccc in the CONFIG object named by *bbbbbbbb*.

System action: Application Performance Analyzer
terminates.

Operator response: Correct the error in the CONFIG
file and restart Application Performance Analyzer.

CAZ5210E **Rec.** *record_number* **contains invalid**
object

Explanation: This message indicates the record
number *record_number* of a CONFIG statement in the
CONFIG file. The object specified on this CONFIG
statement is invalid. This error will also be
accompanied by a CAZ5202E message.

System action: Application Performance Analyzer
terminates.

Operator response: Refer to the Application
Performance Analyzer *Customization Guide* for
information about defining started task configuration
settings.

CAZ5211E **Rec.** *record_number* **contains errors**

Explanation: This message indicates that an error was
encountered while parsing a CONFIG statement. The
record number indicates the CONFIG file record where
the CONFIG statement begins. The actual error might
have been detected on a continuation record. One or
more error messages are issued by the parser in the
form AJT*nnnn*E which provide information about the
error.

System action: Application Performance Analyzer
terminates.

Operator response: Refer to the Application
Performance Analyzer *Customization Guide* for

information about defining started task configuration
settings.

CAZ5219E **'CONFIG SAMPLE'**
Keyword:*DB2Explain***, specified a**
mutually exclusive subsystem value

Explanation: This message indicates that a subsystem
value of "*" was specified in other than the first
occurrence of the *DB2Explain* keyword. If the
DB2Explain keyword specifies a subsystem value of "*",
then no further occurrences of the *DB2Explain* keyword
are permitted.

System action: Application Performance Analyzer
terminates.

Operator response: Correct the error in the CONFIG
file and restart Application Performance Analyzer.

CAZ5212I **Rec.** *record_number* **processed**
successfully

Explanation: The record number indicates a record in
the CONFIG file at which a CONFIG statement begins.
This indicates that the CONFIG statement was
processed successfully.

System action: Application Performance Analyzer
continues initialization.

Operator response: None.

CAZ5213E **Rec.** *record_number* **unrecognized syntax**

Explanation: The record number indicates a CONFIG
file record in which unrecognizable statement was
encountered. A statement with the following syntax
was expected: CONFIG *jobname* ...

System action: Application Performance Analyzer
terminates.

Operator response: Correct the error in the CONFIG
file and restart the job.

CAZ5214E **Rec.** *record_number* **expression ended**
prematurely

Explanation: The record number indicates a CONFIG
file record at which a CONFIG statement begins. End
of file on the CONFIG file was encountered before the
end of the CONFIG statement. This is probably caused
by a missing semicolon delimiter which should appear
at the end of the expression.

System action: Application Performance Analyzer
terminates.

Operator response: Correct the error in the CONFIG
file and restart the job.

CAZ5215E   Invalid value for CONFIG *object_name* **keyword:** *keyword* **[, Positional Parm:** *value*] **[; Value:** *invalid_value*

Explanation: A value for the CONFIG object named by *object_name* contained a keyword name by: *keyword* that specified an invalid value. If the keyword supports multiple positional parameters, then the numeric position will be specified by *value*. This message might optionally display the *invalid_value*.

System action: Application Performance Analyzer terminates.

Operator response: Correct the error in the CONFIG file and restart Application Performance Analyzer.

CAZ5216E   UNIT: *value* **in 'CONFIG BASIC' could not be found in EDT.**

Explanation: The value specified for the UNIT keyword in the CONFIG BASIC object is not defined to the system.

System action: Application Performance Analyzer terminates.

Operator response: Correct the error in the CONFIG file and restart the job.

CAZ5217E   Error validating 'CONFIG BASIC' UNIT: *value*. **EDTINFO RC=**return_code **RSN=**reason_code.

Explanation: An EDTINFO error occurred validating the CONFIG BASIC UNIT value.

System action: Application Performance Analyzer terminates.

Operator response: Refer to the Application Performance Analyzer technical support Web site at www.ibm.com/software/awdtools/apa/support/ to find a possible resolution to this problem.

CAZ5218E   Invalid value for CONFIG LOG Keyword LogHLQ

Explanation: LogHLQ does not conform to DSN standards.

System action: Application Performance Analyzer terminates.

Operator response: Correct the LogHLQ parameter in the CONFIG file and restart the job.

CAZ5219E   'CONFIG SAMPLE' Keyword: DB2Explain, specified a mutually exclusive subsystem value.

Explanation: This message indicates that a subsystem value of "*" was specified in other than the first occurrence of the DB2Explain keyword. If the

DB2Explain keyword specifies a subsystem value of "*", then no further occurrences of the Explain keyword are permitted.

System action: Application Performance Analyzer terminates.

Operator response: Correct the error in the CONFIG file and restart Application Performance Analyzer.

CAZ5220E   Invalid ADATA File.

Explanation: This error can occur while attempting to extract source program mapping information from an assembly ADATA file. It indicates that no source type records (type X'0030') were found in the ADATA file or no Job ID (type X'0000') record was found. Either of these conditions probably indicate an invalid ADATA file.

System action: The ISPF dialog is terminated.

Operator response: Recreate the ADATA file by reassembling the program in error and retry the operation.

CAZ5221E   Invalid map type requested

Explanation: This error is raised if the requested map type is not recognized.

System action: The ISPF dialog is terminated.

Operator response: Refer to the Application Performance Analyzer technical support Web site at www.ibm.com/software/awdtools/apa/support/ to find a possible resolution to this problem.

CAZ5223E   PROGRAM-ID found in COBOL program

Explanation: This error is raised if a PROGRAM-ID statement could not be found in the requested COBOL source file. Application Performance Analyzer is unable to determine the CSECT name of the program if a PROGRAM-ID statement can not be found.

System action: The ISPF dialog is terminated.

Operator response: Ensure that a valid COBOL source listing was associated with the program. If not, correct the definition and retry the operation.

CAZ5224E   Invalid compiler listing

Explanation: This error is raised if a compiler listing is empty or incomplete.

System action: The ISPF dialog is terminated.

Operator response: Ensure that a valid compiler listing was associated with the program. If not, correct the definition and retry the operation.

CAZ5225E   **Unrecognized compiler**

Explanation: This error is raised if the type or version of the compiler cannot be recognized from the listing.

System action: The ISPF dialog is terminated.

Operator response: Ensure that a valid compiler listing was associated with the program. If not, correct the definition and retry the operation.

CAZ5226E   **Required compile options not present**

Explanation: This error is raised if a compiler listing does not have the required options listed. For example, a COBOL program must be compiled with the SOURCE and (MAP or LIST) options.

System action: The ISPF dialog is terminated.

Operator response: Refer to the Application Performance Analyzer *User's Guide*for information regarding the correct compiler options. Recompile your program with these options and retry the operation.

CAZ5231E   **Rec.** *record_number* **contains errors**

Explanation: A PRINT control statement contained errors. *record_number* represents the input line number of the statement in error. This message will be followed by message CAZ5232E.

System action: PRINT processing is terminated.

Operator response: Correct the CAZCTL input and rerun the job.

CAZ5232E   **Invalid report code in SECTION statement**

Explanation: A PRINT control statement specified an unknown report code in the SECTION statement. This message follows message: CAZ5231E.

System action: PRINT processing is terminated.

Operator response: Correct the CAZCTL input and rerun the job.

CAZ5233E   **Missing or unrecognizable report code in SECTION statement**

Explanation: A PRINT control statement specified omitted the report code in the SECTION statement. This message follows message: CAZ5231E.

System action: PRINT processing is terminated.

Operator response: Correct the CAZCTL input and rerun the job.

CAZ5234E   **CAZCTL file contains no valid statements**

Explanation: This message is issued by the printed report formatting facility - CAZPRINT. During its prescan of records specified to ddname CAZCTL, CAZPRINT did not find any valid statements.

System action: PRINT processing is terminated.

Operator response: Correct the CAZCTL input and rerun the job.

CAZ5235E   **No PROFILE statement found**

Explanation: This message is issued by the printed report formatting facility - CAZPRINT. No PROFILE statement was found in the CAZCTL input file. At least one PROFILE statement is required. A PROFILE statement specifies a measurement file from which the report is to be produced.

System action: PRINT processing is terminated.

Operator response: Correct the JCL or CAZCTL input and rerun the job.

CAZ5236E   **No SECTION statement found**

Explanation: This message is issued by the printed report formatting facility - CAZPRINT. No SECTION statement was found in the CAZCTL input file. At least one SECTION statement is required. A SECTION statement specifies a section to be included in the performance analysis report.

System action: PRINT processing is terminated.

Operator response: Correct the JCL or CAZCTL input and rerun the job.

CAZ5237E   **No PRINT or CONVERT statement found**

Explanation: This message is issued by the printed report formatting facility - CAZPRINT. No PRINT or CONVERT statement was found in the CAZCTL input file. At least one PRINT or CONVERT statement is required PRINT or CONVERT specifies a destination for the performance analysis report.

System action: PRINT processing is terminated.

Operator response: Correct the JCL or CAZCTL input and rerun the job.

CAZ5238E   **PROFILE statement must precede SECTION statement**

Explanation: This message is issued by the printed report formatting facility - CAZPRINT. A SECTION statement was encountered in the CAZCTL input file which was not preceded by a PROFILE statement. A PROFILE statement specifies a measurement file from

which the report is to be produced and must appear before any corresponding SECTION statements.

System action: PRINT processing is terminated.

Operator response: Correct the JCL or CAZCTL input and rerun the job.

CAZ5239E   **PROFILE statement must precede MAP statement**

Explanation: This message is issued by the printed report formatting facility - CAZPRINT. A MAP statement was encountered in the CAZCTL input file which was not preceded by a PROFILE statement. A PROFILE statement specifies a measurement file from which the report is to be produced and must appear before any corresponding MAP statements.

System action: PRINT processing is terminated.

Operator response: Correct the JCL or CAZCTL input and rerun the job.

CAZ5240E   **SECTION statement must precede PRINT statement**

Explanation: This message is issued by the printed report formatting facility - CAZPRINT. A PRINT statement was encountered in the CAZCTL input file which was not preceded by a SECTION statement.

System action: PRINT processing is terminated.

Operator response: Correct the JCL or CAZCTL input and rerun the job.

CAZ5241E   **PROFILE Stmt at record** *record_number* **specifies slot** *slot_number* **used in a previous PROFILE**

Explanation: This message is issued by the printed report formatting facility - CAZPRINT. A PROFILE statement *record_number*, specified a slot number *slot_number* (01 to 99) which was already specified in a previous PROFILE statement. Each PROFILE statement must specify a unique slot value.

System action: PRINT processing is terminated.

Operator response: Correct the JCL or CAZCTL input and rerun the job.

CAZ5242E   **SECTION Stmt at record** *record_number* **specifies slot** *slot_number* **not specified in a PROFILE stmt**

Explanation: This message is issued by the printed report formatting facility - CAZPRINT. A SECTION statement *record_number*, specified a slot number (in its PROFILE=*slot_number* parameter) which was not previously specified in a PROFILE statement. A SECTION statement with the PROFILE=*slot_number* parameter omitted defaults to slot 01.

System action: PRINT processing is terminated.

Operator response: Correct the JCL or CAZCTL input and rerun the job.

CAZ5243E   **Print file for ddname** *ddname* **open failure**

Explanation: This message is issued by the printed report formatting facility - CAZPRINT. The output file with the indicated ddname could not be opened. The ddname is specified in a PRINT statement and a corresponding DD statement must be included in the JCL.

System action: PRINT processing is terminated.

Operator response: Correct the JCL or CAZCTL input and rerun the job.

CAZ5244E   **PRINT for ddname** *ddname* **has no SECTION definitions**

Explanation: This message is issued by the printed report formatting facility - CAZPRINT. A PRINT statement was encountered for which no corresponding SECTION statements were processed. SECTION statements must precede the PRINT statement.

System action: PRINT processing is terminated.

Operator response: Correct the JCL or CAZCTL input and rerun the job.

CAZ5245E   **File for ddname** *ddname* **open failure**

Explanation: This message is issued by the printed report formatting facility - CAZPRINT. The output file with the indicated ddname could not be opened. The ddname is specified in a CONVERT statement and a corresponding DD statement must be included in the JCL.

System action: PRINT processing is terminated.

Operator response: Correct the JCL or CAZCTL input and rerun the job.

CAZ5246E   **CONVERT for ddname** *ddname* **has no SECTION definitions**

Explanation: This message is issued by the printed report formatting facility - CAZPRINT. A CONVERT statement was encountered for which no corresponding SECTION statements were processed. SECTION statements must precede the CONVERT statement.

System action: PRINT processing is terminated.

Operator response: Correct the JCL or CAZCTL input and rerun the job.

CAZ5247E **MAP statement at record** *record_number* **specifies slot** *slot_number* **not specified in a PROFILE stmt**

Explanation: This message is issued by the printed report formatting facility - CAZPRINT. A MAP statement *record_number*, specified a slot number *slot_number* in PROFILE=*slot_number* for which there was no corresponding PROFILE statement.

System action: PRINT processing is terminated.

Operator response: Correct the JCL or CAZCTL input and rerun the job.

CAZ5249E **MAP statement at record** *record_number* **specifies invalid DSN value**

Explanation: This message is issued by the printed report formatting facility - CAZPRINT. The DSN parameter in a MAP statement specified a data set name which is syntactically incorrect.

System action: PRINT processing is terminated.

Operator response: Correct the JCL or CAZCTL input and rerun the job.

CAZ5250E **MAP statement at record** *record_number* **specifies invalid MEMBER value**

Explanation: This message is issued by the printed report formatting facility - CAZPRINT. The MEMBER parameter in a MAP statement specified a PDS member name which is syntactically incorrect.

System action: PRINT processing is terminated.

Operator response: Correct the JCL or CAZCTL input and rerun the job.

CAZ5251E **MAP statement at record** *record_number* **specified data set not found**

Explanation: This message is issued by the printed report formatting facility – CAZPRINT. The data set specified in the DSN parameter of a MAP statement was not found in the catalog.

System action: PRINT processing is terminated.

Operator response: Correct the JCL or CAZCTL input and rerun the job.

CAZ5252E **MAP statement at record** *record_number* **specifies data set with incorrect DSORG**

Explanation: This message is issued by the printed report formatting facility - CAZPRINT. A MAP statement specified a data set with an incorrect organization. This error can occur if the specified data set is partitioned and no MEMBER was specified in the MAP statement or if the data set is not partitioned and a MEMBER was specified in the MAP statement.

System action: PRINT processing is terminated.

Operator response: Correct the JCL or CAZCTL input and rerun the job.

CAZ5253E **MAP statement at record** *record_number* **specifies previously loaded map file**

Explanation: This message is issued by the printed report formatting facility - CAZPRINT. A MAP statement specified a source mapping data set which has already been processed by a previous MAP statement.

System action: PRINT processing is terminated.

Operator response: Correct the JCL or CAZCTL input and rerun the job.

CAZ5254E **MAP statement at record** *record_number* **specifies member that cannot be located**

Explanation: This message is issued by the printed report formatting facility - CAZPRINT. A map statement specified a PDS member which was not found in the specified library.

System action: PRINT processing is terminated.

Operator response: Correct the JCL or CAZCTL input and rerun the job.

CAZ5255E **MAP statement at record** *record_number* **data set allocation failed**

Explanation: This message is issued by the printed report formatting facility - CAZPRINT. Allocation of the data set specified in a MAP statement failed.

System action: PRINT processing is terminated.

Operator response: Correct the JCL or CAZCTL input and rerun the job.

CAZ5256I **MAP statement at record** *record_number* **source mapped to CSECT** *CSECT_name*

Explanation: This message is issued by the printed report formatting facility - CAZPRINT. This is an information message. It indicates that the source mapping data described in a MAP statement was successfully loaded and mapped to the indicated CSECT in the measurement data.

System action: None.

Operator response: None.

CAZ5257W **MAP statement at record** *record_number* **no matching CSECTs found**

Explanation: This message is issued by the printed report formatting facility - CAZPRINT. This message is a warning It indicates that source mapping data specified in a MAP statement was successfully loaded,

but no data exists in the measurement file for program(s) mapped by this data.

System action: None.

Operator response: None.

CAZ5258I   Prescan of control statements completed

Explanation: This message is issued by the printed report formatting facility - CAZPRINT. This is a normal informational message indicating the initial prescan of CAZCTL statements was successful.

System action: None.

Operator response: None.

CAZ5259I   Syntax checking of control statements completed

Explanation: This message is issued by the printed report formatting facility - CAZPRINT. This is a normal informational message indicating the CAZCTL statements were syntax checked and no errors were found.

System action: None.

Operator response: None.

CAZ5260W   Name *program_name* **specified in record** *record_number* **not found in measurement data**

Explanation: This message is issued by the printed report formatting facility - CAZPRINT. This message is a warning. A SECTION statement for source mapping reporting specified a program name in its PROGRAM= parameter for which no measurement data was found.

System action: None.

Operator response: Correct the JCL or CAZCTL input and rerun the job.

CAZ5261W   Name *program_name* **specified in record** *record_number* **not specified in a MAP statement**

Explanation: This message is issued by the printed report formatting facility - CAZPRINT. This message is a warning. A SECTION statement for source mapping reporting specified a program name in its PROGRAM= parameter for which no source mapping data was specified in a MAP statement. This message is a warning.

System action: None.

Operator response: None.

CAZ5262I   SECTION *section_name* **(record** *record_number***) excluded because no** *data_type* **measurement data exists**

Explanation: This message is issued by the printed report formatting facility - CAZPRINT. This message is informational. It indicates that a report section *section_name* specified in a SECTION statement was omitted because the specific type of data pertaining to that report section does not exist in the measurement file. For example, a DB2 report section was specified but no DB2 activity was measured.

System action: None.

Operator response: None.

CAZ5263E   COBOL compile options heading not found

Explanation: This error is raised during processing of a COBOL compile listing file. A line containing the text 'OPTIONS IN EFFECT:' or '*OPTIONS IN EFFECT*' in col 1 could not be found. This is the heading expected on a page containing information about compile options. The matching of this text is not case sensitive.

System action: The COBOL compile listing file cannot be processed.

Operator response: Check that the COBOL compile listing file is valid.

CAZ5264E   No source statements found after compile options

Explanation: This error is raised during processing of a COBOL compile listing file. A line containing the text 'OPTIONS IN EFFECT:' or '*OPTIONS IN EFFECT*' was found and compile option information was extracted. Source lines were expected to be found in the listing file after the option information but no such records were found. The file might have been truncated in the middle of the compile options section. The end of this section is recognized by a record containing blanks in columns 1 to 4.

System action: The COBOL compile listing file cannot be processed.

Operator response: Check that the COBOL compile listing file is valid.

CAZ5265E   PMAP (OFFSET) section not found in COBOL listing

Explanation: This error is raised during processing of a COBOL compile listing file. A line containing the text 'LINE # HEXLOC VERB' in col 1 could not be found in the listing file. This is the heading expected on a page containing PMAP offset information. The matching of this text is not case sensitive.

CAZ5266E • CAZ5294E

System action: The COBOL compile listing file cannot be processed.

Operator response: Check that the COBOL compile listing file is valid.

CAZ5266E   File ended after PMAP heading

Explanation: This error is raised during processing of a COBOL compiler listing file. A PMAP heading record containing 'LINE # HEXLOC VERB' was found, but EOF was encountered unexpectedly while processing PMAP detail lines. The file might have been truncated.

System action: The COBOL compile listing file cannot be processed.

Operator response: Check that the COBOL compile listing file is valid.

CAZ5267E   COBOL source listing ended prematurely

Explanation: EOF was encountered in a COBOL source listing file within the first 3 records.

System action: The COBOL compile listing file cannot be processed.

Operator response: Check that the COBOL compile listing file is valid.

CAZ5268E   COBOL source heading line not found

Explanation: This error is raised during the prescan of a COBOL listing file if no line containing ' LINEID PL SL ' in col 1 is found. This is the heading expected on a page containing COBOL source statements. The matching is not case sensitive.

System action: The COBOL compile listing file cannot be processed.

Operator response: Check that the COBOL compile listing file is valid.

CAZ5288E   SYSDEBUG allocate error

Explanation: Unable to allocate the SYSDEBUG dataset.

System action: None.

Operator response: This is a probable dataset name error. Check the dataset name entered on the A01, A04 or A05 panel.

CAZ5289E   SYSDEBUG deallocate error

Explanation: An error occurred attempting to deallocate the SYSDEBUG dataset.

System action: None.

Operator response: The dataset is still allocated. Use

ISRDDN to attempt to free it or exit and re-enter the ISPF front end.

CAZ5290E   SYSDEBUG open error (member not found)

Explanation: The member name entered on the A01 panel was not found, or an attempt was made to source map a module that is not in the SYSDEBUG dataset.

System action: None.

Operator response: Check that the member name is entered correctly and exists in the SYSDEBUG dataset.

CAZ5291E   SYSDEBUG close error

Explanation: An error occurred closing the SYSDEBUG dataset

System action: None.

Operator response: The SYSDEBUG dataset did not close properly after use. Use ISRDDN to deallocate it or exit and re-enter the ISPF front end.

CAZ5292E   SYSDEBUG read error

Explanation: An error occurred reading the SYSDEBUG dataset

System action: None

Operator response: Probable error in the SYSDEBUG member. Retry the command and if it still fails, you will not be able to use this member for source mapping. Select another source member for source mapping.

CAZ5293E   SYSDEBUG decompress error

Explanation: An error occurred during the decompression of the SYSDEBUG member.

System action: None.

Operator response: Probable error in the SYSDEBUG member. Retry the command and if it still fails, you will not be able to use this member for source mapping. Select another source member for source mapping.

CAZ5294E   SYSDEBUG unable to allocate storage

Explanation: An error occurred attempting to allocate storage for the SYSDEBUG member.

System action: None.

Operator response: There is not enough storage in your TSO address space to allocate storage required for loading the SYSDEBUG member. Attempt to free storage by ending other tasks, or reallocate your storage at logon time.

CAZ5295E   SYSDEBUG invalid function code

Explanation: An invalid function code was passed to the SYSDEBUG utility.

System action: None.

Operator response: This is an internal error. Report the error to the system administrator.

CAZ5296E   SYSDEBUG invalid file attributes

Explanation: The attributes of the SYSDEBUG are not valid for a SYSDEBUG dataset.

System action: None.

Operator response: The dataset defined in Application Performance Analyzer as a SYSDEBUG dataset does not have the correct attributes. Verify that it is a SYSDEBUG dataset or change the definition to the correct type.

CAZ5297E   SYSDEBUG not a side file (verification failed)

Explanation: Invalid data was returned from the SYSDEBUG member being processed.

System action: None.

Operator response: The member being loaded from a SYSDEBUG dataset is invalid. Verify that it is a SYSDEBUG dataset or change the definition to the correct type.

CAZ5298E   SYSDEBUG unexpected end-of-file

Explanation: An end of file was returned for the SYSDEBUG file before it was expected. The SYSDEBUG member being loaded is incomplete and cannot be loaded.

System action: None.

Operator response: Report the error to the system administrator.

CAZ5299E   SYSDEBUG module CAZISFM not found

Explanation: Module CAZISFM is required to read and decompress SYSDEBUG files.

System action: None.

Operator response: Ensure that the CAZISFM member is in the Application Performance Analyzer authorized library *hlq*.SCAZAUTH.

CAZ5302E   Error validating 'CONFIG BASIC' Keyword: *SecurityClassName*, **Value:** *class_name*.

Explanation: This message is the first a two part message. It indicates a validation error with class name specified by *class_name*. Refer to message CAZ5303E for details on this error.

System action: Application Performance Analyzer terminates.

Operator response: See message CAZ5303E.

CAZ5303E   RACROUTE REQUEST=*STAT* **error: SAF_RC=***saf_retcode*, **RACF_(RC,RSN) = (***racf_retcode,racf_rsncode***).**

Explanation: This message accompanies CAZ5302E and provides details of the problem. Application Performance Analyzer attempted to verify the existence of the class name specified by Keyword: `SecurityClassName` by issuing the `RACROUTE REQUEST=STAT` service. This service failed with the errors specified.

Refer to the *z/OS SecureWay Security Server External Security Interface (RACROUTE) Macro Reference* for details on the following error codes:

- *saf_retcode* - represents the SAF return code
- *racf_retcode* - represents the RACF® return code (if applicable)
- *racf_rsncode* - represents the RACF reason code (if applicable)

System action: Application Performance Analyzer terminates.

Operator response: Correct the error based on the information provided by the error codes.

CAZ5304E   MLPA data set not found.

Explanation: The named data set is not in the catalog, or the data set is in the catalog but not on the volume specified by the catalog entry.

System action: The started task does not initialize.

Operator response: Correct the data set name specified and restart the started task.

CAZ5305E   Invalid Extractor

Explanation: Parm ExtractorsOnByDefault in CAZCNFG0 member has an invalid extractor coded.

System action: Application Performance Analyzer terminates.

Operator response: Correct or remove the invalid parameter in ExtractorsOnByDefault and restart the Application Performance Analyzer started task. See the installation guide for valid extractor values.

CAZ5306E   **DB2+ cannot be selected when DB2I not enabled**

Explanation: Parm ExtractorsOnByDefault has DB2+ coded, but DB2I has not been enabled.

System action: Application Performance Analyzer terminates.

Operator response: Either set DB2I=Yes in the configuration or remove DB2+ from ExtractorsOnByDefault, then restart the Application Performance Analyzer started task.

CAZ5307E   **DB2V cannot be selected when DB2I not enabled**

Explanation: Parm ExtractorsOnByDefault has DB2V coded, but DB2I has not been enabled.

System action: Application Performance Analyzer terminates.

Operator response: Either set DB2I=Yes in the configuration or remove DB2+ from ExtractorsOnByDefault, then restart the Application Performance Analyzer started task.

CAZ5308E   **IMS+ cannot be selected when IMSI not enabled**

Explanation: Parm ExtractorsOnByDefault has IMS+ coded, but IMSI has not been enabled.

System action: Application Performance Analyzer terminates.

Operator response: Either set IMSI=Yes in the configuration or remove IMS+ from ExtractorsOnByDefault, then restart the Application Performance Analyzer started task.

CAZ5311E   **SECTION statement must precede CONVERT statement**

Explanation: This message is issued by the printed report formatting facility - CAZPRINT. A CONVERT statement was encountered in the CAZCTL input file, which was not preceded by a SECTION statement.

System action: CAZPRINT processing is terminated.

Operator response: Correct the JCL or CAZCTL statements and rerun the job.

CAZ5312E   **PRINT statement cannot be specified with CONVERT FORMAT=XML**

Explanation: This message is issued by the printed report formatting facility - CAZPRINT. A PRINT statement was encountered in the CAZCTL input file after a CONVERT FORMAT=XML statement. A print file and XML document file cannot be requested in the same execution of the CAZPRINT facility.

System action: CAZPRINT processing is terminated.

Operator response: Correct the JCL or CAZCTL statements and rerun the job.

CAZ5313E   **CONVERT FORMAT=PDF cannot be specified with CONVERT FORMAT=XML**

Explanation: This message is issued by the printed report formatting facility - CAZPRINT. A CONVERT FORMAT=PDF statement was encountered in the CAZCTL input file after a CONVERT FORMAT=XML statement. A PDF file and XML document file cannot be requested in the same execution of the CAZPRINT facility.

System action: CAZPRINT processing is terminated.

Operator response: Correct the JCL or CAZCTL statements and rerun the job.

CAZ5314E   **CONVERT FORMAT=XML cannot be specified with PRINT statement**

Explanation: This message is issued by the printed report formatting facility - CAZPRINT. A CONVERT FORMAT=XML statement was encountered in the CAZCTL input file after a PRINT statement. An XML document file and a print file cannot be requested in the same execution of the CAZPRINT facility.

System action: CAZPRINT processing is terminated.

Operator response: Correct the JCL or CAZCTL statements and rerun the job.

CAZ5315E   **CONVERT FORMAT=XML cannot be specified with CONVERT FORMAT=PDF**

Explanation: This message is issued by the printed report formatting facility - CAZPRINT. A CONVERT FORMAT=XML statement was encountered in the CAZCTL input file after a CONVERT FORMAT=PDF statement. An XML document file and a PDF file cannot be requested in the same execution of the CAZPRINT facility.

System action: CAZPRINT processing is terminated.

Operator response: Correct the JCL or CAZCTL statements and rerun the job.

CAZ5316E   **CONVERT statement at record_number specifies invalid FORMAT value**

Explanation: This message is issued by the printed report formatting facility - CAZPRINT. A CONVERT statement was encountered in the CAZCTL input file at record number record_number which specified an invalid value in its FORMAT parameter. The FORMAT parameter value specifies the format of the output file being requested. Valid formats are PDF (Portable

Document Format) and XML (Extensible Markup Language).

System action: CAZPRINT processing is terminated.

Operator response: Correct the JCL or CAZCTL statements and rerun the job.

CAZ5317E   CDB2 cannot be selected unless both WLMI and DB2I are enabled.

Explanation: Explanation: Parm ExtractorsOnByDefault has CDB2 coded, but WLMI and DB2I have not been enabled.

System action: Application Performance Analyzer terminates.

Operator response: Either set both WLMI=Yes and DB2I=Yes in the configuration or remove CDB2 from ExtractorsOnByDefault, then restart the Application Performance Analyzer started task.

CAZ5318E   Invalid *aaaa* **value:** *'bbbb'* **in** *cccc* **statement.**

Explanation: This message is issued by the printed report formatting facility CAZPRINT. It is a generic message that describes an error in the data specified in the indicated statement.

aaaa   Specifies the statement object, for example DDNAME.

bbbb   Specifies the invalid value.

cccc   Specifies the statement name, for example CONVERT.

System action: Step is terminated with a return code of 8.

Operator response: Correct the statement in error and resubmit the job.

CAZ5319E   Mutually exclusive keywords: (ic*aaaa,bbbb*ic**) found in** *cccc* **statement.**

Explanation: This message is issued by the printed report formatting facility CAZPRINT. It indicates that mutually exclusive keywords were specified in the indicated statement.

(ic*aaaa,bbbb*ic**)**
    Specify the keywords in error.

cccc   Specifies the statement name, for example CONVERT.

System action: Step is terminated with a return code of 8.

Operator response: Correct the statement in error and resubmit the job.

CAZ5320E   Required keyword: *aaaa* **is missing from** *bbbb* **statement.**

Explanation: This message is issued by the printed report formatting facility CAZPRINT. It indicates that a required keyword was not specified in the indicated statement.

aaaa   Specifies the missing keyword.

bbbb   Specifies the statement name, for example CONVERT.

System action: Step is terminated with a return code of 8.

Operator response: Correct the statement in error and resubmit the job.

CAZ5321E   Error opening file for DD: *aaaa*.

Explanation: This message is issued by the printed report formatting facility CAZPRINT. It indicates that an attempt to open a file with a DDName of *aaaa* failed. Refer to the JES log for system related messages explaining this error.

System action: Step is terminated with a return code of 8.

Operator response: Correct the statement in error and resubmit the job.

CAZ5322E   Unable to extend Dataspace. DSPSERV failed, Reason Code=ic*nnnn*ic**.**

Explanation: This message is issued when an attempt to extend a dataspace failed. The reason code indicated by *nnnn* describes the failure.

System action: The operation responsible for the error is terminated.

Operator response: Contact product support.

CAZ5323E   CICS+ cannot be selected when CICSI not enabled

Explanation: Parm ExtractorsOnByDefault has CICS+ coded, but CICSI has not been enabled.

System action: Application Performance Analyzer terminates.

Operator response: Either set CICSI=Yes in the configuration or remove CICS+ from ExtractorsOnByDefault, then restart Application Performance Analyzer.

CAZ5324E   Maximum number of 20 TYPE=TAGGED PROFILE statements exceeded.

Explanation: A maximum of 20 observations can be tagged for variance reporting. The JCL contains more

than 20 tagged observations.

System action: CAZPRINT processing is terminated.

Operator response: Correct the JCL so the maximum of 20 TYPE=TAGGED PROFILE statements is not exceeded and resubmit the job.

CAZ5325E   SECTDETL Stmt at record *aaaa*, **contains an invalid ITAG value:** *bbbb*.

Explanation: This message is issued by CAZPRINT when called by the GUI to format and return detail report information. It indicates that an invalid internal value (ITAG) *bbbb* was specified. The record number on which the error occurred is *aaaa*.

System action: The GUI request is failed.

Operator response: None.

CAZ5327E   MemObjSize must be non-zero when WAS is enabled.

Explanation: WAS=YES has been specified in the Application Performance Analyzer configuration file with a Memory Object size of zero. WAS sampling requires a Memory Object to collect WAS observation data.

System action: Application Performance Analyzer terminates.

Operator response: Specify a non-zero value for the MemObjSize parameter in the Application Performance Analyzer configuration file and restart Application Performance Analyzer.

CAZ5328E   WAS cannot be selected when WAS not enabled.

Explanation: The ExtractorsOnByDefault parameter specified the WAS extractor, but WAS has not been enabled.

System action: Application Performance Analyzer terminates

Operator response: Either set WAS=Yes in the configuration or remove WAS from the ExtractorsOnByDefault parameter, then restart the Application Performance Analyzer started task.

CAZ5329E   The WAS extractor is mutually exclusive with: CICS+, IMS, IMS+, MQ, ADA, and NAT.

Explanation: The ExtractorsOnByDefault parameter specified the WAS extractor along with conflicting extractor(s). Only CICS, DB2, DB2+, CDB2, DB2V, DB2X, and JAVA may be selected when WAS is also selected.

System action: Application Performance Analyzer terminates

Operator response: Either remove WAS from the list of extractors specified in the ExtractorsOnByDefault parameter or leave WAS and remove the conflicting extractors. Restart Application Performance Analyzer.

CAZ5330E   Embedded blank in *aaaaaaaaaaaa* **filter.**

Explanation: The filter identified by *aaaaaaaaaaaa* has an embedded blank.

System action: Command is terminated.

Operator response: Resubmit the observation request without embedded blanks in the filter value.

CAZ5331E   Invalid *aaaaaaaaaaaa* **in origin filter.**

Explanation: The origin filter value is invalid for the type identified by *aaaaaaaaaaaa*.

System action: Command is terminated.

Operator response: Resubmit the observation request with a valid filter value.

CAZ5332E   Invalid wildcard in IP address filter.

Explanation: A wildcard in an IP address filter may only appear after a period or colon separator.

System action: Command is terminated.

Operator response: Resubmit the observation request with the wildcard after a period or colon separator.

CAZ5333E   Invalid wildcard in IPv6 address with consecutive colons.

Explanation: A wildcard cannot be used in an IPv6 address that has consecutive colons.

System action: Command is terminated.

Operator response: Resubmit the observation request with the missing zero values in place of the consecutive colons.

CAZ5334E   Invalid origin filter type.

Explanation: The origin filter type must specify a value of H, I or J for a host name, IP address or job name respectively.

System action: Command is terminated.

Operator response: Resubmit the observation request with a valid origin filter type.

CAZ5335E   Invalid file extensions filter.

Explanation: The file extensions filter must specify a sequence of file extensions separated by a single space. Each file extension must be a period followed by at least one non-blank character.

System action: Command is terminated.

Operator response: Resubmit the observation request with a valid list of file extensions.

CAZ5336E DB2Explain requires that DB2+ be enabled.

Explanation: The CONFIG SAMPLE DB2Explain parameter was specified without also DB2I=YES. The DB2 Explain feature requires DB2+.

System action: Application Performance Analyzer terminates.

Operator response: Either remove the DB2Explain parameter or enable DB2+ and restart Application Performance Analyzer.

CAZ5337E DB2X cannot be selected unless DB2+, and DB2X are enabled.

Explanation: The CONFIG SAMPLE ExtratorsOnByDefault specified DB2X as one of the default extractors without also specifying DB2I=YES. The DB2X extractor requires DB2+.

System action: Application Performance Analyzer terminates.

Operator response: Either remove the DB2X from ExtractorsOnByDefault or enable DB2+ and restart Application Performance Analyzer.

CAZ5338E DB2X cannot be selected unless DB2Explain is also specified.

Explanation: The CONFIG SAMPLE ExtractorsOnByDefault specified DB2X as one of the default extractors without also specifying DB2Explain paramenter. The DB2X extractor requires DB2Explain to define at least one DB2 subsystem.

System action: Application Performance Analyzer terminates.

Operator response: Either remove DB2X from ExtractorsOnByDefault or enable DB2Explain for at least one DB2 subsystem, and restart Application Performance Analyzer.

CAZ5339E Invalid Target parameter - PABX must be specified.

Explanation: The RESET DB2SMF command was entered with an invalid target parameter. The target parameter must specify PABX.

System action: The RESET command is rejected.

Operator response: Re-enter the RESET DB2SMF command with the PABX parameter.

CAZ5340E SYSDEBUG Module CAZISFM/IGZCXSF not found

Explanation: Either CAZISFM or IGZCXSF is required to load COBOL SYSDEBUG data for source mapping. Neither module can be found.

System action: None.

User response: Contact your system programmer to ensure that the CAZISFM member is in the Application Performance Analyzer authorized library *hlq*.SCAZAUTH, or that the IGZCXSF member is in the LE runtime library CEE.SCEERUN.

CAZ5341E SYSDEBUG Module IBMCXSF not found

Explanation: The module IBMCXSF that is required to load PL/I SYSDEBUG data for source mapping cannot be found.

System action: None.

User response: Contact your system programmer to ensure the IBMCXSF member is in LE runtime library CEE.SCEERUN.

CAZ5342E SYSDEBUG unsupported compiler version

Explanation: The PL/I version used to compile the module is not the correct version for SYSDEBUG support.

System action: None.

User response: Recreate the SYSDEBUG file using PP 5655-W67 Enterprise PL/I for z/OS v4 or later.

CAZ5344E SYSDEBUG file too large, cannot be loaded.

Explanation: Application Performance Analyzer cannot get enough main storage to load the SYSDEBUG file.

System action: Load of SYSDEBUG is terminated and source mapping of this module is not possible.

Operator response: None.

CAZ5345E MQ+ cannot be selected when MQI not enabled.

Explanation: Parm ExtractorsOnByDefault has MQ+ coded, but MQI is not enabled.

System action: Application Performance Analyzer stops.

Operator response: Set MQI=Yes in the configuration. Or remove MQI+ from ExtractorsOnByDefault. Then, restart the Application Performance Analyzer started task.

CAZ5400E Keyword: *aaaa* is missing and required for '*bbbbbbbb*'

Explanation: The keyword specified by *aaaa* was required and missing from the CONFIG object named by *bbbbbbbb*.

System action: Application Performance Analyzer terminates.

Operator response: Correct the error in the CONFIG file and restart Application Performance Analyzer.

CAZ5402E DB2X cannot be enabled unless DB2I is enabled.

Explanation: The CONFIG SAMPLE keyword DB2X specifies a value of YES, but the DB2I keyword does not.

System action: Application Performance Analyzer terminates.

User response: Either enable DB2I or disable DB2X, then restart Application Performance Analyzer.

CAZ5403E OUTADD error for SYSOUT dataset CONFIGSO. RC=*aaaax*, RSN=*bbbbx*. SVC dump was produced.

Explanation: The OUTADD service failed while attempting to create an OUTPUT descriptor for the CONFIGSO SYSOUT dataset. *aaaa* represents the OUTADD hexadecimal return codes. *bbbb* represents the OUTADD hexadecimal reason codes.

System action: None.

Operator response: For more information about the previous error codes, refer to the *MVS Programming: Authorized Assembler Services Reference* manual.

CAZ5500W Java could not be sampled since another Java sampling session for this address space was already active. The Request Number for the active sample session follows: *aaaaa*

Explanation: Java sampling has been disabled for this request. Java sampling only permits one active Java sample session per address space at any one time. All other Java sample sessions will continue to sample but without the Java extractor enabled. The request number specified by *aaaaa*, represents the sample session that is currently actively sampling Java in the target address space.

System action: None.

Operator response: Wait until request *aaaaa* has completed, then resubmit your request. If the problem persists contact product support.

CAZ5501W Java could not be sampled since the maximum allowed sampling sessions for this system were already active

Explanation: Java sampling has been disabled for this request. The concurrent number of active Java sampling sessions for the system has reached the architected limited. Your sample session will continue to sample but without the Java extractor enabled.

System action: None.

Operator response: Wait until one of the other Java sampling sessions has completed then resubmit your request. If the problem persists contact product support.

CAZ5502W No JVM was found during sampling

Explanation: Application Performance Analyzer did not detect the presence of a Java Virtual Machine during sampling.

System action: None.

Operator response: Verify that Application Performance Analyzer has been configured to enable Java sampling. Verify that the target job is in fact a Java job. If not then turn off the Java Extractor on your sample request.

CAZ5503W The JVMTI agent did not complete normally

Explanation: The JVMTI agent did not terminate as expected.

System action: None.

Operator response: Refer to target job's output or the Application Performance Analyzer started task output for any messages that may indicate a cause for the error. If the problem persists contact product support.

CAZ5504W The JVMTI agent did not produce any samples

Explanation: Upon completion of sampling no Java samples were taken. One possible reason may be that the JVMTI agent failed to load.

System action: None.

Operator response: Refer to target job's output or the Application Performance Analyzer started task output for any messages that may indicate a cause for the error. If the problem persists contact product support.

CAZ6001I DB2 EXPLAIN Request Servicing Subtask started

Explanation: This message indicates that the XRS subtask has started the process of initializing.

System action: Application Performance Analyzer continues initialization.

Operator response: None.

CAZ6002I   DB2 EXPLAIN Request Servicing Subtask now operating

Explanation: This message indicates that the XRS subtask has completed initialization and is ready for work.

System action: Application Performance Analyzer continues initialization.

Operator response: None.

CAZ6003I   DB2 EXPLAIN Request Servicing Subtask stopping

Explanation: This message indicates that the XRS subtask has started its shutdown process.

System action: None.

Operator response: None.

CAZ6004I   DB2 EXPLAIN Request Servicing Subtask terminated

Explanation: This message indicates that the XRS subtask has completed its shutdown process and is terminating.

System action: None.

Operator response: None.

CAZ6012S   Too many abends in CAZ00072. DB2 EXPLAIN Servicing Subtask terminating

Explanation: This message is reported when the XRS subtask has exceeded its abend threshold. The subtask will detect and recover from an abend situation. This sequence of recovery will continue until the subtask reaches a threshold point, at which time the subtask will terminate. At this point, reporting requests for DB2 EXPLAIN will fail until the start task is recycled.

System action: None.

Operator response: None.

CAZ6013E   No INVOKER ID found for EXPLAIN. Request: *request_variable* **Userid:** *user_ID*

Explanation: The EXPLAIN request was for a SQL statement that belongs to a stored procedure. The EXPLAIN request did not identify the invoker of the stored procedure.

System action: The request fails.

Operator response: Report this error to Application Performance Analyzer support.

CAZ6014E   No plan or package info for EXPLAIN. Request: *request_variable* **Userid:** *user_ID*.

Explanation: The EXPLAIN request did not identify a DB2 plan and did not identify a DB2 package for the SQL statement.

System action: The request fails.

Operator response: Report this error to Application Performance Analyzer support.

CAZ6015E   Unexpected SQL error for *SQL_call*. **Request:** *request_variable* **Userid:** *user_ID*.

Explanation: An unexpected SQLCODE value was returned by DB2 for a SQL call made by Application Performance Analyzer during the processing of an EXPLAIN request. Additional information is displayed after this message to identify the SQL error. If the error is for *D0601 EXEC*, then the requested SQL statement might not be valid for EXPLAIN processing.

System action: The request fails.

Operator response: Determine if the requested SQL statement is valid for EXPLAIN processing. Contact product support if you believe that the error is caused by Application Performance Analyzer.

CAZ6016E   Unauthorized EXPLAIN for *SQL_statement*. **Request:** *request_variable* **Userid:** *user_ID*.

Explanation: The EXPLAIN request was for a SQL statement that runs on the DB2 subsystem identified by *SQL_statement*. This subsystem has not been listed for EXPLAIN processing in the configuration parameters of the started task.

System action: The request fails.

Operator response: Contact your system administrator to determine why the identified DB2 subsystem is not listed for EXPLAIN processing by Application Performance Analyzer.

CAZ6017E   No stored procedure ID for EXPLAIN. Request: *request_variable* **Userid:** *user_ID*.

Explanation: The EXPLAIN request was for a SQL statement that belongs to a stored procedure. The EXPLAIN request did not identify the stored procedure name.

System action: The request fails.

Operator response: Report this error to Application Performance Analyzer support.

CAZ6018E **No** *row_identifier* **row found for EXPLAIN. Request:** *request_variable* **Userid:** *user_ID***.**

Explanation: No corresponding row was found in the catalog table identified by *row_identifier* for the SQL statement specified in an EXPLAIN request.

System action: The request fails.

Operator response: Determine if the requested SQL statement is still valid for EXPLAIN processing. If the observation request identified by *request_variable* is old, the required row might no longer exist in the catalog. Contact product support if you believe Application Performance Analyzer caused the error.

CAZ6019E **SQL statement too big for EXPLAIN. Request:** *request_variable* **Userid:** *user_ID***.**

Explanation: The SQL statement selected for EXPLAIN exceeds the maximum size supported by Application Performance Analyzer.

System action: The request fails.

Operator response: None.

CAZ6020E **Incompatible message versions, Diag=(a,b,c,d,e,f)**

Explanation: This message is reported when the XRS subtask detects that the requestors message version is incompatible with the servicing XRS. This error can occur when the ISPF front end requesting the DB2 Explain is at a different version than the Application Performance Analyzer started task servicing the request. Both components must be running at the same version level.

The values specified in the *Diag* keyword are as follows:

a   Represents the requestor's system name

b   Represents the servicing system name

c   Represents the requestor's version

d   Represents the servicing version

e   Represents the requesting TSO user ID

f   Represents the observation request number

System action: The request fails.

Operator response: Contact your system administrator.

CAZ6021E **No** *qualifier_variable* **PLAN_TABLE for EXPLAIN. Request:** *request_variable* **Userid:** *user_ID***.**

Explanation: There is no PLAN_TABLE defined for the qualifier specified by *qualifier_variable*. If the qualifier is for the Application Performance Analyzer started task, then the installation of Application Performance Analyzer has not been completed properly. If the qualifier is for the statement being explained, then Application Performance Analyzer has been configured without automatic PLAN_TABLE creation for the DB2 subsystem to which the requested SQL statement belongs.

System action: The request fails.

Operator response: Notify your system administrator.

CAZ6022E **No CURRENT PATH for EXPLAIN. Request:** *request_variable* **Userid:** *user_ID***.**

Explanation: The EXPLAIN request did not identify a CURRENT PATH for the SQL statement.

System action: The request fails.

Operator response: Report this error to Application Performance Analyzer support.

CAZ6023E **Abend occurred while processing your request. Diag=(***a,b,c,d***)**

Explanation: The DB2 Explain Request Server subtask has detected an abend and recovered from it. The following diagnostic information is provided in the message:

a   The name of the MVS system requesting the EXPLAIN

b   The name of the MVS system processing the EXPLAIN

c   The User ID of the requestor

d   The Application Performance Analyzer request number of the observation session that contained the EXPLAIN text that caused the error.

System action: The EXPLAIN request is failed.

Operator response: Report this error to product support.

CAZ6025E **This Application Performance Analyzer instance is not part of a SYSPLEX group, operation is not possible.**

Explanation: You are attempting to perform an EXPLAIN request for an SQL statement that executed on a system other than the one your are currently connected to through Application Performance Analyzer. This instance of Application Performance Analyzer is not part of a sysplex group and therefore cannot communicate your EXPLAIN request to the target for processing.

System action: The request fails.

Operator response: Report this error to your system administrator.

CAZ6026E   Internal error, SYSPLEX output processor is not available.

Explanation: The sysplex output processor for the instance of Application Performance Analyzer that you are currently connected to is down and cannot process your request. The most likely cause for this message is that the OUTPUT processor has abended and could not recover.

System action: The request fails.

Operator response: Report this error to your system administrator.

CAZ6027E   No USER Authid for EXPLAIN. Request: *request_variable* **Userid:** *user_ID*.

Explanation: The EXPLAIN request did not identify a USER AuthID for the SQL statement.

System action: The request fails.

Operator response: Report this error to Application Performance Analyzer support.

CAZ6028E   Request: *aaaa* **for Userid:** *bbbbbbb*, **failed due to previous errors.**

Explanation: The EXPLAIN request was for a SQL statement that runs on the DB2 subsystem identified by *aaaa*, and the user submitting the request is identified by *bbbbbbbb*. The request was failed due to an error in the XRS subtask that occurred prior to this request being issued.

Typically this message indicates that a severe error has occurred in the XRS subtask and prevents it from processing any further work. Review error messages prior to this error message for the root cause.

System action: None.

Operator response: Contact your systems programmer.

CAZ6031I   Extended Multiple Console Support Subtask started.

Explanation: The Extended Multiple Console Support Subtask (XMCS) has started the process of initializing.

System action: Application Performance Analyzer continues initializing.

Operator response: None.

CAZ6032I   Extended Multiple Console Support Subtask now Operating.

Explanation: The Extended Multiple Console Support Subtask (XMCS) has completed initialization and is ready for work.

System action: None.

Operator response: None.

CAZ6033I   Extended Multiple Console Support Subtask stopping.

Explanation: The Extended Multiple Console Support Subtask (XMCS) has started its shutdown process.

System action: None.

Operator response: None.

CAZ6034I   Extended Multiple Console Support Subtask terminated.

Explanation: The Extended Multiple Console Support Subtask (XMCS) has completed its shutdown process and has terminated.

System action: None.

Operator response: None.

CAZ6035S   Too many abends in: CAZ00063. Extended Multiple Console Support Subtask is terminating.

Explanation: The Extended Multiple Console Subtask (XMCS) has exceeded its abend threshold. The subtask detects and recovers from abends until a threshold is reached, at which time the subtask terminates.

System action: The XMCS subtask terminates.

Operator response: Report this error to Application Performance Analyzer support.

CAZ6036S   Unrecoverable error in:CAZ00063. Extended Multiple Console Subtask is terminating.

Explanation: The Extended Multiple Console Subtask (XMCS) has an abend situation from which it cannot recover.

System action: The XMCS subtask terminates with a dump.

Operator response: Report this error to Application Performance Analyzer support.

CAZ6037E   Error in IBM service *aaaaaaaa*; **RC=***bbbbbbbbx*, **RSN=***ccccccccx*, **DATA=***dddddddd*

Explanation: An error was detected executing the IBM service named by *aaaaaaaa*. The return code and reason code are given by *bbbbbbbb* and *cccccccc* respectively. Data related to the problem may be given by *dddddddd*.

System action: The XMCS subtask terminates and WAS sampling is disabled.

Operator response: Report this error to Application Performance Analyzer support.

CAZ6038E XMCS could not activate a console, console name prefix: *aaaaaaa*.

Explanation: XMCS attempted to activate an EMCS console, but all console names starting with the prefix aaaaaaa were already active. Application Performance Analyzer attempted to activate a console whose name begins with *aaaaaaa* and ends in a suffix of 0-9. All ten attempts failed.

System action: The XMCS subtask terminates and WAS sampling is disabled.

Operator response: Determine if any of the console names starting with *aaaaaaa* and ending in a suffix of 0-9 can be deactivated, and deactivate those that can; then recycle the Application Performance Analyzer started task. If none can be deactivated, report this error to Application Performance Analyzer support.

CAZ6039I EMCS console: "_aaaaaaaa_**" is now** *bbbbbbbb*.

Explanation: This indicates that the Extended Master Console named *aaaaaaaa* has either been activated or deactivated.

System action: None.

Operator response: None.

CAZ6040E Operator command "_aaaa_**" failed. Refer to subsequent message for more details.**

Explanation: Application Performance Analyzer issued an operator command and an error was detected. The reason for the failure is described in one of the following messages: CAZ6041I, CAZ6042I, CAZ6043I, or CAZ6064I.

System action: None.

Operator response: Refer to message: CAZ6041I, CAZ6042I, CAZ6043I, or CAZ6064I for more information.

CAZ6041I Command Response not available, request timed out.

Explanation: Application Performance Analyzer issued an operator command but the command response was not received within an appropriate length of time.

System action: For WAS SMF enablement commands, the associated sampling request will be failed. Otherwise, no action.

Operator response: Refer to the system log for an indication of the cause.

CAZ6042I XMCS Subtask abended while processing this command. See log for more details

Explanation: Application Performance Analyzer issued an operator command which caused the XMCS Subtask to abend. Details of the abend are available in the system log.

System action: For WAS SMF enablement commands, the associated sampling request will be failed. Otherwise, no action is taken.

Operator response: Contact software support.

CAZ6043I Command response not verifiable.

Explanation: Application Performance Analyzer issued an operator command, but the command response could not be verified.

System action: For WAS SMF enablement commands, the associated sampling request will be failed. Otherwise, no action is taken.

Operator response: Search the system log for the command described by message: CAZ6040E. Record the response of the command and contact software support.

CAZ6044E Request *aaaa* **failed. Maximum WAS observation sessions are active. Reason Code is** *b*.

Explanation: Application Performance Analyzer could not start a WAS observation for the request identified by *aaaa* because the maximum number of allowed WAS observation requests are currently active. The Reason Code *b* value indicates what caused the failure:

1. Indicates that the maximum number of WAS Controller regions are currently being sampled. No new sessions may be started until all current sessions end for any one of the WAS Controller regions.
2. Indicates that the maximum number of observation sessions are active for the target WAS Controller region. No new sessions may be started until one of the current sessions for the target WAS Controller region ends.

System action: The observation session is failed.

Operator response: Resubmit the observation request based on the information described by the Reason Code.

CAZ6045E Request *aaaa* **failed. WAS SMF recording is not enabled.**

Explanation: Application Performance Analyzer could not start a WAS observation for the request identified by *aaaa* because WAS SMF recording is not enabled. Your system administrator must enable WAS SMF

recording in order for Application Performance Analyzer to collect performance data on WAS.

System action: The observation session is failed.

Operator response: Ask your system administrator to enable both WAS base recording and CPU usage recording of SMF type 120, subtype 9, and 10 records. Additionally, for WAS v8 and above, ask your system administrator to enable both WAS async activity recording and WAS outbound recording. Resubmit the observation request.

CAZ6046I   Version data error: *error_reason*

Explanation: Application Performance Analyzer issued an operator command to determine the version of WebSphere Application Services; however, an error was detected while the command was being processed. The reason for the error is indicated by *error_reason*.

System action: For WebSphere Application Services SMF enablement commands, the associated sampling request will fail. Otherwise, no action is taken.

User response: Search the system log for the command described by message CAZ6040E. Make note of the command's response and contact product support.

CAZ6103I   IEFUSI Request Servicing subtask now operating

Explanation: This message indicates that the named component of Application Performance Analyzer has completed initialization and is ready for work.

System action: Application Performance Analyzer continues initialization.

Operator response: None.

CAZ6106S   Variable text.

Explanation: This message is issued whenever the URSS subtask detects an abend. It contains abend summary information useful to product support.

System action: The URSS subtask will attempt to recover from the abend.

Operator response: Record these error messages and refer to the Application Performance Analyzer technical support Web site at www.ibm.com/software/awdtools/apa/support/ to find possible solutions to this problem.

CAZ6107I   IEFUSI Request Servicing subtask started.

Explanation: This message indicates that the URSS subtask has started the process of initializing.

System action: Application Performance Analyzer continues initialization.

Operator response: None.

CAZ6190I   IEFUSI Request Servicing subtask stopping.

Explanation: This message is reported when the URSS subtask has started its shutdown process.

System action: None.

Operator response: None.

CAZ6191I   IEFUSI Request Servicing subtask terminated.

Explanation: This message is reported when the URSS subtask has completed its shutdown process and is about to terminate.

System action: None.

Operator response: None.

CAZ6199S   Too many abends in CAZ00100. IEFUSI Request Servicing subtask terminating.

Explanation: This message is reported when the URSS subtask has exceeded its abend threshold. The subtask will detect and recover from an abend situation. This sequence of recovery will continue until the subtask reaches a threshold point, at which time the subtask will terminate. This message will be preceded by numerous CAZ6106S messages.

System action: Application Performance Analyzer terminates.

Operator response: Attempt to restart Application Performance Analyzer.

CAZ6200I   Sampling Request Monitor Subtask started.

Explanation: The message indicates that the Sampling Request Monitor Subtask (SRMS) has started the process of initializing.

System action: Application Performance Analyzer continues initializing.

Operator response: None.

CAZ6201I   Sampling Request Monitor Subtask started.

Explanation: The message indicates that the Sampling Request Monitor Subtask (SRMS) has started the process of initializing.

System action: Application Performance Analyzer continues initializing.

Operator response: None.

CAZ6202I **Sampling Request Monitor Subtask stopping.**

Explanation: The message indicates that the Sampling Request Monitor Subtask (SRMS) has started its shutdown process.

System action: None.

Operator response: None.

CAZ6203I **Sampling Request Monitor Subtask terminated.**

Explanation: The message indicates that the Sampling Request Monitor Subtask (SRMS) has completed its shutdown process and is about to terminate.

System action: None.

Operator response: None.

CAZ6204S **Too many abends in: CAZ00061. Sampling Request Monitoring Subtask is terminating.**

Explanation: The message indicates that the Sampling Request Monitor Subtask (SRMS) has exceeded its abend threshold. The subtask will detect and recover from abend situations. This sequence of recovery will continue until the subtask reaches a threshold point, at which time the subtask will terminate. At this point Threshold Monitoring will cease until the started task is recycled.

System action: None.

Operator response: Report this error to Application Performance Analyzer support.

CAZ6205S **Internal Error - structure size mismatch (size1,size2).**

Explanation: During initialization, the Sampling Request Monitor Subtask (SRMS) detected a size mismatch of one of its internal structures. SRMS will terminate. At this point Threshold Monitoring will cease until the started task is recycled.

System action: None.

Operator response: Report this error to Application Performance Analyzer support.

CAZ6206E **Error parsing Threshold Monitor criteria for Request Number:** *request_number*.

Explanation: The Sampling Request Monitor subtask (SRMS) detected a syntax error with the contents of the TMSEL keyword for a newly added monitor request. Due to this error the monitoring request could not be added. Refer to message CAZ6207E for details of the parsing error.

System action: None.

Operator response: Report this error to Application Performance Analyzer support.

CAZ6207E *Diagnostic information (free-form text)*

Explanation: This message accompanies message: CAZ6206E and contain diagnostic information detailing the cause of the parsing error.

System action: Refer to CAZ6206E.

Operator response: Refer to CAZ6206E.

CAZ6209S **Unrecoverable error in:***&$.00061*. **Sampling Request Monitoring Subtask is terminating.**

Explanation: The message indicates that the Sampling Request Monitor Subtask (SRMS) has an abend situation from which it cannot recover. SRMS will terminate with a dump. At this point Threshold Monitoring will cease until the started task is recycled.

System action: None.

Operator response: Report this error to Application Performance Analyzer support.

CAZ6221E **Processing error in loadDRT of Threshold Monitor SM/TM**

Explanation: The message indicates that the Sampling Request Monitor Subtask (SRMS) has detected an error with one of its internal processes. This message might be followed by one or more AJT messages. SMRS will terminate. At this point Threshold Monitoring will cease until the started task is recycled.

System action: None.

Operator response: Report this error to Application Performance Analyzer support.

CAZ6222E **Error parsing Threshold Monitor request**

Explanation: The Application Performance Analyzer command processor detected a syntax error with the contents of the TMSEL keyword from the TNEW or TMOD command. One or more messages will follow this message and will provide details on the parsing error.

System action: None.

Operator response: Correct the parsing error, resubmit the command.

CAZ6300I **Sysplex input message subtask started.**

Explanation: This message indicates that the sysplex input message subtask has started the process of initializing.

System action: Application Performance Analyzer continues initialization.

Operator response: None.

CAZ6320I   Sysplex input message subtask started.

Explanation: This message indicates that the named component of Application Performance Analyzer has completed initialization and is ready for work.

System action: Application Performance Analyzer continues initialization.

Operator response: None.

CAZ6322E   CAZ0004x: XMsgHdr version mismatch: SenderVer=sender_version**, CurrVer=**receiver_version**, Sending Member=**member_name**.**

Explanation: The Application Performance Analyzer sysplex messaging system has received a message from another member of the group. The message is not compatible with this version of Application Performance Analyzer.

sender_version
    represents the version the sender's message.

receiver_version
    represents the version of this Application Performance Analyzer.

member_name
    represents the member name of the sending Application Performance Analyzer.

System action: The message is rejected.

Operator response: Ensure that all members of the Application Performance Analyzer group are at the correct release levels.

CAZ6326E   Unknown input message detected, possible wrong group. SYPLEX input sub-task shutting down.

Explanation: Application Performance Analyzer could not validate an input message from another SYSPLEX group member. A possible cause for this is that Application Performance Analyzer has joined the wrong group.

System action: Application Performance Analyzer teriminates.

Operator response: Correct the value of SPXGroupName in CONFIG BASIC and restart Application Performance Analyzer.

CAZ6350E   CAZ00047: Incorrect notification type detected in MNPL - message rejected. Type=MNPLTYPE**.**

Explanation: The Application Performance Analyzer sysplex messaging system has received a message with an unsupported MNPLTYPE.

MNPLTYPE
    represents the MNPLTYPE.

System action: The message is rejected.

Operator response: If the message persists, refer to the Application Performance Analyzer technical support Web site at www.ibm.com/software/awdtools/apa/support/ to find possible solutions to this problem.

CAZ6351W   CAZ00047: Solicited message received and rejected.

Explanation: The Application Performance Analyzer sysplex messaging system has received a solicited message.

System action: The message is rejected.

Operator response: If the message persists, refer to the Application Performance Analyzer technical support Web site at www.ibm.com/software/awdtools/apa/support/ to find possible solutions to this problem.

CAZ6352W   CAZ00047: Incorrect Data Record type detected - message rejected. Type=record_type**.**

Explanation: The Application Performance Analyzer sysplex messaging system detected an incorrect record type in the MNPL structure.

record_type
    represents the record type.

System action: The message is rejected.

Operator response: If the message persists, refer to the Application Performance Analyzer technical support Web site at www.ibm.com/software/awdtools/apa/support/ to find possible solutions to this problem.

CAZ6353W   CAZ00047: Data Record did not contain the correct type of Target/Response entries - message rejected. Type=record_type**

Explanation: The Application Performance Analyzer sysplex messaging system detected an incorrect Target/Response type in the data record.

record_type
    represents the record type.

System action: The message is rejected.

Operator response: If the message persists, refer to the Application Performance Analyzer technical support Web site at www.ibm.com/software/awdtools/apa/support/ to find possible solutions to this problem.

CAZ6354W   CAZ00047: No Target/Response Entries returned in Data Record - message rejected.

Explanation: The Application Performance Analyzer sysplex messaging system detected a Data record with no Target/Response entries.

System action: The message is rejected.

Operator response: If the message persists, refer to the Application Performance Analyzer technical support Web site at www.ibm.com/software/awdtools/apa/support/ to find possible solutions to this problem.

CAZ6355W   CAZ00047: No XMsg Response Message address provided in message control.

Explanation: The Application Performance Analyzer sysplex messaging system detected that the MNPL message control field did not contain the address of an XMsg Response Message.

System action: The message is rejected.

Operator response: If the message persists, refer to the Application Performance Analyzer technical support Web site at www.ibm.com/software/awdtools/apa/support/ to find possible solutions to this problem.

CAZ6356W   CAZ7: No Data Records detected - message rejected.

Explanation: The Application Performance Analyzer sysplex messaging system detected that the MNPL message did not contain any Data Records.

System action: The message is rejected.

Operator response: If the message persists, refer to the Application Performance Analyzer technical support Web site at www.ibm.com/software/awdtools/apa/support/ to find possible solutions to this problem.

CAZ6357W   The following system(s) failed to respond or provided a partial response:
system_name system_name system_name ...

Explanation: The Application Performance Analyzer sysplex messaging system either received no response or a partial response. A message was sent to one or more members of a Application Performance Analyzer sysplex group and the message was timed out before all members could respond. Or, a system replied with a partial response due to the volume of data. This problem might occur if any of the targeted members was down.

`system_name`
    Represents the names of systems that responded partially or not at all.

System action: The message is accepted.

Operator response: Ensure that the Application

Performance Analyzer member is running on the named system(s).

CAZ6358W   All requested systems either failed to respond or provided a partial response.

Explanation: The Application Performance Analyzer sysplex messaging system either received no response or a partial response. A message was sent to one or more members of a Application Performance Analyzer sysplex group and the message was timed out before any member could respond. Or, a system replied with a partial response due to the volume of data. This problem might occur if all of the targeted members were down.

System action: none.

Operator response: Ensure that the Application Performance Analyzer member is running on all intended systems.

CAZ6390I   Sysplex input message subtask stopping.

Explanation: This message is reported when the sysplex input message subtask has started its shutdown process.

System action: None.

Operator response: None

CAZ6391I   Sysplex input message subtask terminated.

Explanation: This message is reported when the sysplex input message subtask has completed its shutdown process and is about to terminate.

System action: None.

Operator response: None.

CAZ6600I   Sysplex output message Subtask started.

Explanation: This message indicates that the sysplex output message has started the process of initializing.

System action: Application Performance Analyzer continues initialization.

Operator response: None.

CAZ6620I   SYSPLEX output message subtask operating.

Explanation: This message indicates that the named component of Application Performance Analyzer has completed initialization and is ready for work.

System action: Application Performance Analyzer continues initialization.

Operator response: None.

CAZ6621W Sysplex send message request failed, no active systems matched the send request, target=*aaaaaaaa*.

Explanation: A sysplex message could not be sent to other instances of Application Performance Analyzer within the sysplex group because other instances were not active. *aaaaaaaa* is the target system or systems to receive the request.

System action: The message is rejected.

Operator response: If all other instances of Application Performance Analyzer within the sysplex group are active and the message persists, refer to the Application Performance Analyzer technical support Web site at www.ibm.com/software/awdtools/apa/support/ to find possible solutions to this problem.

CAZ6622E Request failed, IXCMSGO RC=*return_code*, RSN=*reason_code*, Type=*message_type*, FLAG=*flag*.

Explanation: The Application Performance Analyzer sysplex messaging system detected an error while sending a message to one or more group members.

return_code
    represents the return code from IXCMSGO

reason_code
    represents the reason code from IXCMSGO

message_type
    represents the internal XMsg type

flag
    represents an internal flag

System action: Nne.

Operator response: If the message persists, refer to the Application Performance Analyzer technical support Web site at www.ibm.com/software/awdtools/apa/support/ to find possible solutions to this problem.

CAZ6623E Response failed, message timed out. Terminating.

Explanation: The Application Performance Analyzer sysplex messaging system detected a timeout while attempting to send a response message to a requesting member. The receiving member might be missing data.

System action: None.

Operator response: If the error persists contact Application Performance Analyzer support.

CAZ6690I Sysplex output message subtask stopping.

Explanation: This message is reported when the sysplex output message subtask has started its shutdown process.

System action: None.

Operator response: None

CAZ6691I Sysplex output message subtask terminated.

Explanation: This message is reported when the sysplex output message subtask has completed its shutdown process and is about to terminate.

System action: None.

Operator response: None.

CAZ6699S CAZ2 has ended abnormally (ABEND). Sysplex output subtask is terminating.

Explanation: This message indicates that the named component of Application Performance Analyzer has abnormally ended (ABEND). This message will be followed by a dump.

System action: Application Performance Analyzer terminates.

CAZ9000E *module_name* detected a data space overflow error. One or more samples might be lost.

Explanation: The data write was unable to write one or more sample records to the sample data space. The data space was in the process of being expanded while the sample records were being added to the data space. These records were dropped to avoid overflowing the data space. *module_name* represents the module that detected this condition.

System action: None. Sampling continues, but the user might possibly notice sampling errors in some of the reports only if this message appeared continuously throughout the sampling session.

Operator response: If this problem persists, refer to the Application Performance Analyzer technical support Web site at www.ibm.com/software/awdtools/apa/support/ to find possible solutions to this problem.

CAZ9001S Invalid return code detected from CAZC0006. RC=*return_code*.

Explanation: This is an internal error. An unexpected error occurred in module CAZC0006.

System action: Application Performance Analyzer terminates.

Operator response: Record the return code *return_code*, then refer to the Application Performance Analyzer technical support Web site at www.ibm.com/software/awdtools/apa/support/ to find possible solutions to this problem.

**CAZ9002W   Application Performance Analyzer
                Product license will expire in:** *nn* **day(s).**

Explanation: This a warning message advising the
user that Application Performance Analyzer will expire
soon.

System action: None.

Operator response: Under normal circumstances, a
new password will be supplied by your local IBM Sales
Representative in plenty of time to prevent product
expiry warning messages being issued. Therefore, if
this occurs, it usually means that a password has
already been supplied but not yet applied, or a
password has been applied incorrectly. In such cases,
the following should be checked:

Is the product running on the CPU for which it was
generated? This is especially relevant when running
under the VM operating system. IBM software only
checks the last four digits of the CPU id, so the first
two digits might be used to retain uniqueness.

If the password is applied by updating a parameter list,
is there a duplicate statement containing the old
password? If so, delete it. Has the new password
supplied by IBM been applied correctly?

**CAZ9003E   Application Performance Analyzer
                Product license has expired. Please
                contact your system programmer.**

Explanation: Application Performance Analyzer
Product license has expired. Your system programmer
will have to contact product support for a new
password.

System action: Application Performance Analyzer
terminates.

Operator response: Contact your system programmer
for a new password.

**CAZ9004E   Product license password could not be
                found in the configuration module.
                Please contact your system programmer.**

Explanation: A password CVSET value could not be
found in the configuration module.

System action: Application Performance Analyzer
terminates.

Operator response: Refer to the Application
Performance Analyzer *Customization Guide* for
information about installation-level configuration
settings.

**CAZ9005E   Product license password is invalid.
                Please contact your system programmer.**

Explanation: A password CVSET value specified in

the configuration module was not valid. Probable cause
is an incorrect password.

System action: Application Performance Analyzer
terminates.

Operator response: Refer to the Application
Performance Analyzer *Customization Guide* for
information about Installation-level configuration
settings.

**CAZ9006E   The current CPU is not authorized to
                execute the Application Performance
                Analyzer product. Please contact product
                support.**

Explanation: Your are attempting to execute
Application Performance Analyzer on a CPU for which
you are not licensed. Contact your system programmer
to determine the CPU for which Application
Performance Analyzer is licensed. If the CPU is
licensed then verify that the password value specified
in the configuration module is correct.

System action: Application Performance Analyzer
terminates.

Operator response: Refer to the Application
Performance Analyzer *Customization Guide* for
information about Installation-level configuration
settings.

**CAZ9007E   The following feature(s) are not licensed
                for Application Performance Analyzer;
                please contact your system programmer:**
                feature_1, *feature_2*, **...**

Explanation: Your are attempting to use a Application
Performance Analyzer feature for which you are not
licensed. Verify that the password value specified in the
configuration module is correct. *feature_n* represents the
feature(s) not licensed.

System action: Application Performance Analyzer
terminates.

Operator response: Refer to the Application
Performance Analyzer *Customization Guide* for
information about Installation-level configuration
settings.

**CAZ9008S   Severe error occurred while validating
                license; reason code=***reason_code*

Explanation: An internal error was detected while
validating the Application Performance Analyzer
product license.

System action: Application Performance Analyzer
terminates.

Operator response: Record the reason code value,
then refer to the Application Performance Analyzer
technical support Web site at www.ibm.com/software/

awdtools/apa/support/ to find possible solutions to this problem.

CAZ9009E   Auxiliary Storage Shortage - Sampling is being terminated.

Explanation: While sampling an address space, the sampling engine detected that system wide auxiliary storage utilization has exceeded a tolerable threshold (60%) and the sampling session is terminated.

The sampling engine records measurement data to a data space while sampling is active. A sampling data space can grow to a maximum size of 2GB, which is backed by auxiliary storage. Auxiliary storage shortages can cause severe performance degradation. The sampling engine monitors auxiliary storage utilization from the start of sampling. If at any time during sampling the threshold is exceeded, sampling is terminated.

Application Performance Analyzer sampling monitors system wide auxiliary storage utilization, therefore exceeding the threshold might or might not be the result of a sampling session. If the error occurs early on in the sampling session then it is very likely that auxiliary storage utilization was near or at the threshold at the time sampling started.

System action: The sampling request is terminated and marked as "Cancel".

Operator response: Request that your system programmer add more page data sets.

CAZ9011E   Table Processor about to exceed maximum size of table: aaaa. Sampling will now terminate.

Explanation: An internal table used to capture sampling information has exceeded the maximum size of 16MB. For diagnostic purposes the table name is given by: aaaa.

System action: The sampling request is terminated and marked as "Failed".

Operator response: Reduce the sampling duration and rate to attempt to avoid the situation.

CAZ9012I   IBM Application Performance Analyzer for z/OS's IEFUSI exit disabled due to too many abends.

Explanation: The Application Performance Analyzer IEFUSI exit has abended too many times and has disabled itself to prevent further abends. The exit will tolerate three abends before disabling itself.

System action: Application Performance Analyzer can no longer sample non-active jobs.

Operator response: Search the system log for message ID: CAZ9013E. Note the times of these messages,

produce a logrec report, and contact product support.

CAZ9013E   IBM Application Performance Analyzer for z/OS's IEFUSI exit has abended and recovered. Contact your system programmer.

Explanation: The Application Performance Analyzer IEFUSI exit has abended and recovered. The job step will not be affected. However, if this job was targeted for sampling then it may not be sampled.

System action: None.

Operator response: Note the time of this message, produce a logrec report, and contact product support.

Chapter 3. ISPF messages

These messages are displayed when there are ISPF-related errors.

AJTI001W   Invalid selection

Explanation: Invalid selection. Enter blank or "/". Use "/" to select the option and blank to de-select it.

AJTI002I   Preferences updated

Explanation: Preferences have been updated.

AJTI003W   Invalid entry

Explanation: Invalid entry. Enter "S" to select.

AJTI004W   Too many selections

Explanation: Multiple selections not allowed.

AJTI005W   No menu page

Explanation: No Menu page exists.

AJTI006W   No setup options exist

Explanation: No setup options are available for this report.

AJTI007W   Invalid command

Explanation: Invalid command

AJTI008W   Parameters missing

Explanation: One or two parameters expected. FIND command must be in one of the following formats: FIND string or FIND 'string' NEXT/PREV/LAST/ALL or FIND NEXT/PREV/LAST/ALL 'string'.

AJTI009W   Too many arguments

Explanation: Too many arguments in FIND command. FIND must be in one of the following formats: FIND string or FIND 'string' NEXT/PREV/LAST/ALL or FIND NEXT/PREV/LAST/ALL 'string'.

AJTI011W   Parameter not recognized

Explanation: One of the two parameters must specify NEXT, PREV, FIRST or ALL.

AJTI012W   Error in quotes

Explanation: One quote immediately followed by

another quote is not allowed.

AJTI013W   Incomplete string

Explanation: A string is missing a closing quote.

AJTI014W   Error in quotes

Explanation: A closing quote cannot be followed immediately by a non blank character.

AJTI015W   Too many quoted strings

Explanation: When two parameters are specified in the FIND command, only one of them - the search string - can be enclosed in quotes. The other parameter must be NEXT, PREV, FIRST or ALL.

AJTI016W   Nothing to search

Explanation: No data exists in the scrollable area to be searched.

AJTI017W   Bottom of data reached

Explanation: The search proceeded to the end of data and the specified string was not found.

AJTI018W   Top of data reached

Explanation: The search proceeded to the top of data and the specified string was not found.

AJTI019W   Enter a FIND command

Explanation: You must enter a FIND command before you can use the RFIND command.

AJTI021W   System error

Explanation: Load of CE Anchor program failed.

AJTI022W   System error

Explanation: Load module fetch failed.

AJTI023W   Data space full

Explanation: An attempt to extend a reporting data space beyond its maximum size failed. The report might be incomplete.

AJTI024I String found *nnnn* times

Explanation: The string: 'string-value' was found *nnnn* times in this report.

CAZI001W Invalid entry

Explanation: Invalid entry. Enter "S" to select.

CAZI002W Too many selections

Explanation: Multiple selections are not allowed.

CAZI003W Invalid line command

Explanation: You have entered an invalid line command. Enter "/" or right mouse button click for a list of valid commands.

CAZI004W Line command conflict

Explanation: No other line command entry is allowed in combination with a "/" command.

CAZI005W Invalid pattern

Explanation: Invalid "wildcard" pattern specified. First character must be: A-Z, #, @, $, *, -, or ?.

CAZI006W Invalid pattern

Explanation: Invalid "wildcard" pattern specified. Allowable characters are: A-Z, 0-9, #,@,$,*, and ?.

CAZI007W Invalid pattern

Explanation: Invalid "wildcard" pattern specified. Asterisk (*) must be the last character in the string.

CAZI008W Allocation failure

Explanation: Allocation of sample file failed. The data set might have been deleted.

CAZI009W No sample file

Explanation: There is no sample file available for this selection. Check the status of the observation request.

CAZI010I Welcome to IBM APA for z/OS ISPF Version *version-number*, APAR *apar-number*. You are currently connected to measurement task id *stcid*. Enter VERSION for version information, or NEW to start a measurement. You may also enter the CONNECT command to connect to another instance of a measurement task that is running on the same z/OS image as you are currently logged on to.

Explanation: This welcome message is displayed when you start the Application Performance Analyzer ISPF interface.

CAZI011W Invalid expression

Explanation: Invalid expression for percentage value.

CAZI012W Invalid expression

Explanation: Invalid decimal expression.

CAZI013W Input conflict

Explanation: You must not enter both source mapping file information and line commands.

CAZI014W Invalid file type entry

Explanation: Invalid or missing entry for File Type. Valid values are: L, A, T.

CAZI015W Data set name error

Explanation: Invalid or missing data set name for source mapping file.

CAZI016W Member name error

Explanation: Invalid member name entered for source mapping file.

CAZI017W Data set not found

Explanation: Unable to locate specified data set.

CAZI018W Data set not partitioned

Explanation: You have entered a member name but the data set you have specified is not partitioned.

CAZI019W Duplicate file specified

Explanation: This source map data set has already been specified for this observation session.

CAZI020W Data already loaded

Explanation: This source map data set has already been loaded.

CAZI021W Allocation failure

Explanation: Allocation of specified source map data set failed.

CAZI022W   Map file not applicable

Explanation: The specified source mapping data is not applicable to any of the modules for which activity was measured. *parameter_name*

CAZI023W   Source map table full

Explanation: Your source mapping file table is full. Delete some entries to make more space available in the table.

CAZI024W   File organization error

Explanation: The organization of the data set you have specified is incorrect. It must be a physical sequential file (PS).

CAZI025W   Member name needed

Explanation: The data set you have specified is partitioned. You must enter a member name. You can omit the member name only if the file is not partitioned.

CAZI026W   Member not found

Explanation: The member name you specified was not found in the PDS directory.

CAZI027W   Cannot copy this entry

Explanation: You can only copy a source mapping entry from a different observation session. You have selected an entry already in the current observation session.

CAZI028W   Entry already exists

Explanation: The source mapping entry you have selected to be copied into the current observation session already exists in this session.

CAZI029W   Connection not available

Explanation: The Application Performance Analyzer measurement task named *parameter_name* is currently not available. You can use the CONNECT command to connect to another measurement task if one is available.

CAZI030W   JCL member OPEN failed.

Explanation: JCL member specified is in use.

CAZI031W   Welcome to IBM APA for z/OS – As a first time user you must connect to an IBM APA for z/OS started task. To begin using the product, enter "CONNECT ID" on the command line, where *ID* is one of following started task ids: *&MPARM1*

Explanation: You have not yet specified the Application Performance Analyzer started task ID to which you are to be connected. Enter "CONNECT *ID*" on the command line, where *ID* is one of the IDs in the *&MPARM1* list.

CAZI033W   No connection available

Explanation: There are currently no active Application Performance Analyzer measurement tasks available.

CAZI034W   Connection lost

Explanation: Your connection to Application Performance Analyzer id *parameter_name* has been lost. This measurement task is no longer active.

CAZI035I   Connection established

Explanation: A connection to Application Performance Analyzer id *parameter_name* has been successfully established.

CAZI036W   Unable to connect

Explanation: A connection with the specified Application Performance Analyzer id could not be established. Available Application Performance Analyzer IDs are: *parameter_name*

CAZI037W   Invalid CONNECT syntax

Explanation: The CONNECT command requires a single parameter specifying a Application Performance Analyzer identifier (up to 4 characters).

CAZI038I   Source map data loaded

Explanation: Source mapping data has been successfully loaded from the specified file.

CAZI039W   No source map data

Explanation: No source mapping data has been loaded for the selected object.

CAZI040W   Invalid ADATA file

Explanation: The specified file did not contain any Source (type X"0030") records or did not contain a Job Id (type X"0000") record. These conditions probably indicate the file is not an ADATA file.

CAZI041W   Invalid map type

Explanation: This is an internal error. The source mapping module was passed an invalid map type value.

CAZI043W   PROGRAM-ID not found

Explanation: A PROGRAM-ID statement was not found in the specified compiler listing file.

CAZI044W   Invalid listing file

Explanation: The specified compiler listing file is empty or incomplete.

CAZI045W   Unsupported listing file

Explanation: The file was not recognized as one of the source information files supported by IBM Application Performance Analyzer for z/OS. See the *IBM Application Performance Analyzer for z/OS User's Guide* for a list of supported source information files.

CAZI046W   Compile options error

Explanation: The compiler listing file indicates that the necessary compile options were not specified. For COBOL, these are SOURCE, NONUMBER and OFFSET.'

CAZI048W   License expiring soon

Explanation: *parameter_name*

CAZI049W   Invalid entry

Explanation: Invalid entry. Enter "S" "/" or blank.

CAZI050W   PDF DSN error

Explanation: An error was detected in the data set name for the PDF file or no data set name was entered. It must be a nonpartitioned sequential data set LRECL=80.

CAZI051W   JCL library DSN error

Explanation: An error was detected in the data set name for the JCL library or no data set name was entered.

CAZI052W   JCLLIB member name error

Explanation: The JCL library member name is missing or invalid.

CAZI053W   PDF data set not found

Explanation: The specified PDF file could not be located. The data set must be a cataloged sequential file with fixed 80 byte records.'

CAZI054W   PDF file incorrect DSORG

Explanation: The specified PDF file is not PS (physical sequential), or its record size is not fixed 80 bytes.

CAZI055W   JCL library not found

Explanation: The specified JCL library could not be located.

CAZI056W   JCL library DSORG error

Explanation: The specified JCL library is not partitioned or its record size is not fixed 80 bytes.

CAZI057W   JCL member alloc error

Explanation: Allocation of specified JCL member failed.

CAZI058W   JCL member OPEN failed

Explanation: OPEN for output of JCL member failed.

CAZI059W   LEVELS value must be 0-9

Explanation: The LEVELS parameter value must be a single numeric digit.

CAZI060W   Invalid sort sequence

Explanation: The sort sequence option for this report must be specified as NAME or VALUE.

CAZI061W   Invalid option value

Explanation: To select this option enter a slash (/). To deselect the option, enter blank.

CAZI062W   Invalid sort sequence

Explanation: The sort sequence option for this report must be specified as NAME, SIZE, ADDRESS or LIBRARY.

CAZI063W   Invalid decimal value

Explanation: Invalid syntax, such as a nonnumeric digit, was encountered in a decimal expression.

CAZI064W   Invalid slice size value

Explanation: The value for code slice size must be between 8 and 99992 and be divisible by 8. A value of 4 is also allowed.

CAZI065W   Invalid intervals value

Explanation: The value for the number of intervals in a timeline report must be between 2 and 256.

CAZI066W   Invalid entry

Explanation: Invalid entry. Valid entries are: 'Y' or 'N' or blank.

CAZI067W   Missing required input

Explanation: Specify either a dataset name, a member name or both depending on your SPM requirements.

CAZI068W   Member not found

Explanation: The member name you specified was not found in any dataset of the type specified in "File type" that was listed from the A04 panel, or the list was empty.

CAZI069W   Line Command conflict

Explanation: You entered line commands that conflict with one another. You can only enter one: "I", or "M" line command at a time. In addition, enter only one: "A" line command if you have also entered an "M" line command.

CAZI071W   No options hdg found

Explanation: A line containing the text "OPTIONS IN EFFECT:" or "*OPTIONS IN EFFECT*" in col 1 could not be found. This is the heading expected on a page containing information about compile options. The matching of this text is not case sensitive.

CAZI072W   No source lines found

Explanation: A line containing the text "OPTIONS IN EFFECT:" or "*OPTIONS IN EFFECT*" was found and compile option information was extracted. Source lines were expected to be found in the listing file after the option information but no such records were found. The file might have been truncated in the middle of the compile options section. The end of this section is recognized by a record containing blanks in columns 1 to 4.

CAZI073W   OFFSET section not found

Explanation: This error is raised during processing of a COBOL compile listing file. A line containing the text "LINE # HEXLOC VERB" in col 1 could not be found in the listing file. This is the heading expected on a page containing PMAP offset information. The matching of this text is not case sensitive.

CAZI074W   File ended prematurely

Explanation: This error is raised during processing of a COBOL compiler listing file. A PMAP heading record containing "LINE # HEXLOC VERB" was found, but EOF was encountered unexpectedly while processing PMAP detail lines. The file might have been truncated.

CAZI075W   File ended prematurely

Explanation: EOF was encountered in a COBOL source listing file within the first 3 records.

CAZI076W   No source hdg line found

Explanation: This error is raised during the pre-scan of a COBOL listing file if no line containing "LINEID PL SL" in column one is found. This is the heading expected on a page containing COBOL source statements. The matching is not case sensitive.

CAZI077W   No source at this offset

Explanation: Source mapping data exists for this CSECT, but there is no source statement corresponding to the specified offset. The offset might be for code generated by the compiler and does not correspond to a source statement or the map file might be for a different version.

CAZI078W   Incompatible versions

Explanation: The Application Performance Analyzer measurement task named *parameter_name* is not compatible with the current version of Application Performance Analyzer/ISPF.

CAZI079W   No module information

Explanation: No load module information is available for the item you selected.

CAZI080W   No IMS measurement data

Explanation: The report you have selected cannot be displayed because it requires IMS measurement data. No IMS measurement data was captured.

CAZI081W   No CICS measurement data

Explanation: The report you have selected cannot be displayed because it requires CICS measurement data. No CICS measurement data was recorded.

CAZI082W   No DB2 measurement data

Explanation: The report you have selected cannot be displayed because it requires DB2 measurement data. No DB2 measurement data was captured.

CAZI083W   No MQSeries measurements

Explanation: The report you have selected cannot be displayed because it requires MQSeries® measurement data. No MQSeries measurement data was captured.

CAZI084W   No DASD measurement data

Explanation: The report you have selected cannot be displayed because it requires DASD measurement data. No DASD measurement data was captured.

CAZI085W   No DB2+ measurement data

Explanation: The report you have selected cannot be displayed because it requires DB2+ measurement data. The DB2+ option was not selected or no DB2+ data was recorded.

CAZI086W   No coupling facility data

Explanation: The report you have selected cannot be displayed because no coupling facility activity data was recorded during the measurement.

CAZI087W   No DB2 Stored Proc. data'

Explanation: The report you have selected cannot be displayed because it requires DB2 stored procedure measurement data. None was recorded in this measurement.

CAZI088W   No IMS+ measurement data

Explanation: The report you have selected cannot be displayed because it requires IMS+ measurement data. The IMS+ option was not selected or no IMS+ data was recorded.

CAZI089W   Measurement data error

Explanation: Some critical data is missing from the measurement file. This indicates that the observation session might not have completed successfully. Reports cannot be displayed.

CAZI090W   Measurement incomplete

Explanation: The measurement file you have selected cannot be processed because its status indicates incomplete.

CAZI091W   Invalid date: year

Explanation: An input error was detected in a date field. The year value is invalid. Correct and re-enter.

CAZI092W   Invalid date: month

Explanation: An input error was detected in a date field. The month value is invalid. Correct and re-enter.

CAZI093W   Invalid date: day

Explanation: An input error was detected in a date field. The day value is invalid. Correct and re-enter.

CAZI094W   Invalid time: hour

Explanation: An input error was detected in a time of day field. The hour value is invalid. Correct and re-enter.

CAZI095W   Invalid time: minutes

Explanation: An input error was detected in a time of day field. The minutes value is invalid. Correct and re-enter.

CAZI096W   Time must not be in past

Explanation: The date/time specified for a scheduled measurement must be in the future. Correct and re-enter.

CAZI097W   Invalid repetition value

Explanation: The number of measurement repetitions value is invalid. It must be a numeric value from 0 to 99 or blank.

CAZI098W   Specify an interval

Explanation: A nonzero schedule repetition value has been specified. An interval in either days or minutes must also be specified.

CAZI099W   Specify days or minutes

Explanation: The schedule interval can be specified in either days or minutes but not both. Either days or minutes must be zero/blank.

CAZI100W   Invalid no. of days

Explanation: The number of days interval value is invalid. Enter a value between 0 and 99.

CAZI101W   Invalid no. of minutes

Explanation: The number of minutes interval value is invalid. Enter a value between 0 and 999.

CAZI102I   New dates generated

Explanation: The sequence of date/time entries you specified has been added as pending changes. These are shown under the Measurement Schedule heading. Press ENTER to apply all pending schedule changes.

CAZI103W   Duplicates not added

Explanation: Some of the generated date/time entries are identical to entries already in the Measurement Schedule. Only the entries not already in the Measurement Schedule have been added.

CAZI104W   Too many date entries

Explanation: You have specified a sequence of date/times that would result in more than 105 schedule entries. No entries have been added to the Measurement Schedule.

CAZI105W   Overlapping schedule

Explanation: You have specified a sequence of date/times that would result in two or more separately scheduled measurements overlapping. These have been added but are noted below. You must delete overlapping entries before accepting the schedule updates.

CAZI106W   Insufficient time gap

Explanation: You have specified a sequence of date/times that would result in a time gap between two or more separately scheduled measurements being shorter that the allowable minimum. These have been added but are noted below. You must delete these entries before accepting the schedule updates.

CAZI107W   Too far in future

Explanation: You have specified a sequence of date/times that would result in at least one measurement being scheduled too far in the future. No entries have been added.

CAZI108W

Explanation: You have entered changes to the schedule. END (PF3) will discard these changes. Enter END again to confirm that you wish to discard all pending changes. Use the ENTER key to apply the pending changes.

CAZI109W   Entry too long

Explanation: The directory names entered exceed 440 bytes. Each line is 46 bytes long to allow for quoted dataset names.

CAZI110W   Invalid value

Explanation: You must specify blank or a non-zero decimal value in the "Threshold EXCP count" field.

CAZI111W   Invalid value

Explanation: The threshold time field must specify a value in seconds or a value in minutes and seconds separated by a colon (for example, 25:59).

CAZI112W   Invalid IMS trancode

Explanation: You have specified an invalid IMS transaction code. A valid IMS trancode cannot be specified with a wildcard (*) character as the last character.

CAZI113W   Invalid IMS program

Explanation: You have specified an invalid IMS program name. A valid IMS program name cannot be specified with a wildcard (*) character as the last character.

CAZI114W   Invalid IMS user ID

Explanation: You have specified an invalid IMS user ID. (A valid IMS user ID can be specified with a wildcard (*) character as the last character.)

CAZI115W   Enter Subsystem request

Explanation: Enter selection criteria on this panel for DB2, CICS, IMS, or DDF. These are mutually exclusive input fields and cannot be used for more than one subsystem in the same sampling session.

CAZI119W   Invalid entry

Explanation: Enter L to indicate the following fields are load libraries, or D to indicate they are HFS directories.

CAZI140W   Invalid no. of minutes

Explanation: The number of minutes to wait for Job start is invalid. Enter a value between 0 and 9999.

CAZI141W   Invalid no. of minutes

Explanation: The number of minutes before a retry for an active job is invalid. Enter a value between 0 and 99.

CAZI142W   Invalid count

Explanation: The count of times to retry sampling for an active job is invalid. Enter a value between 0 and 99.

CAZI143W   Retry Invalid

Explanation: Retry interval and retry count must both be either 0 or a value between 1 and 99.

CAZI145W   Option T Invalid

Explanation: The REXX CAZRXOEM in SCAZEXEC has not been customized for third party listing support.

CAZI147W   No FILE measurement data

Explanation: The report you have selected cannot be displayed because it requires FILE measurement data. No files were open during data capture.

CAZI148W   No VSAM measurement data

Explanation: The report you have selected cannot be displayed because it requires VSAM measurement data. No VSAM files were open during data capture.

CAZI149W   No LSR measurement data

Explanation: The report you have selected cannot be displayed because it requires LSR pool measurement data. No LSR pools were created during data capture.

CAZI150W   Jobname is mandatory

Explanation: You must specify a job name or a job name pattern – a job name prefix followed by an asterisk (*) or percent (%), a job name suffix preceded by an asterisk (*) or percent (%), an asterisk (*) by itself, or a dash (-) by itself.

CAZI151W   Invalid jobname/pattern

Explanation: You have specified an invalid job name. You must specify a job name or a job name pattern – a job name prefix followed by an asterisk (*) or percent (%), a job name suffix preceded by an asterisk (*) or percent (%), an asterisk (*) by itself, or a dash (-) by itself.

CAZI152W   Unknown/invalid name

Explanation: You have specified a system name that is either not defined to Application Performance Analyzer or is invalid. Valid names are: *parameter_name*.

CAZI153W   Invalid step number

Explanation: You must specify blank or a non-zero decimal value in the step number field.

CAZI154W   Invalid program name

Explanation: You have specified an invalid name in the step program field. You must specify blanks or a valid program name.

CAZI155W   Invalid step name

Explanation: You have specified an invalid name in the stepname field. You must specify blanks or a valid job step name.

CAZI156W   Invalid procstep name

Explanation: You have specified an invalid name in the ProcStepName field. You must specify blanks or a valid proc step name.

CAZI157W   Invalid no. of samples

Explanation: You must specify blank or a non-zero decimal value in the Number of Samples field.

CAZI158W   Invalid no. of samples

Explanation: The number of samples you have specified exceeds the maximum allowed at your installation.

CAZI159W   Duration cannot be zero

Explanation: You have specified a measurement duration of zero. Specify a value in seconds or a value in minutes and seconds separated by a colon (such as, 25:59).

CAZI160W   Invalid duration

Explanation: The specified measurement duration expression is invalid. Specify a value in seconds or a value in minutes and seconds separated by a colon (such as, 25:59).

CAZI161W   Specify Y or N

Explanation: A value of Y or N (Yes/No) must be specified. Specify Y to indicate that the measurement is to continue to the end of the job step even if the specified number of samples is exceeded.

CAZI162W   Invalid TSO UserID

Explanation: You have specified an invalid TSO User Id name. Specify the TSO UserID to be notified upon completion of the measurement.

CAZI163W   Invalid retention

Explanation: Value specified for measurement retention is invalid. Specify the number of days from measurement completion after which the measurement file is to be deleted. Specify zero for no expiry.

CAZI164W   Expand entry first

Explanation: The observation file selected is the base for a multifile observation. Use the + command to expand the base file then select one of the files listed in the expansion for reporting.

CAZI165W   Invalid delay value

Explanation: Value specified for measurement delay is invalid. Specify the number of seconds from the start of the job step that Application Performance Analyzer is to delay initiation of the measurement. Specify zero for no delay.

CAZI166W   Must be slash or blank

Explanation: You have entered an invalid selection character for a measurement data extractor. Enter either a slash (/) to select the data extractor or blank to deselect it.

CAZI167W   Schedule Master

Explanation: The SUB command is not allowed on a schedule master record. Use the NEW command and select the Sched option to enter a new schedule.

CAZI168W   Invalid selection code

Explanation: Select a job by entering "S".

CAZI169W   Too many selections

Explanation: The number of jobs selected is higher than the installation configuration setting for value MultiJobLimit.

CAZI170W   Invalid job step info

Explanation: You have specified an invalid combination of values in the jobstep specification fields. You must specify one of the following: 1. step number, 2. step program name, 3. step name, or 4. step name and proc step name.

CAZI171W   Connection has been lost

Explanation: The connection with Application Performance Analyzer has been lost. This could mean that the Application Performance Analyzer started task is no longer active. This function cannot be completed.

CAZI172W   Sampling rate too high

Explanation: You have specified number of samples and measurement duration values that would result in a sampling rate that exceeds the allowable number of samples per second.

CAZI173W   Invalid CICS trancode

Explanation: You have specified an invalid CICS transaction code. A valid CICS transaction code can be specified with a wildcard (*) character as the last character.

CAZI174W   Specify Y or N

Explanation: A value of Y or N (Yes/No) must be specified. Specify Y to indicate that the measurement is to include CICS system transactions. Specify N (recommended) to exclude measurement of CICS system transactions.

CAZI175W   Invalid library DSN

Explanation: You have specified an invalid data set name for a load library.

CAZI176W   Data set not a loadlib

Explanation: The data set you have specified is not a load library.

CAZI177W   Warning: not found

Explanation: The data set you have specified cannot be found. You might choose to ignore this warning if you expect the load library to exist when the measurement is performed.

CAZI178W   Incomplete or errors

Explanation: You cannot submit the request because either data entry is incomplete or contains errors.

CAZI179W   Request failed

Explanation: The request failed. Reason: *parameter_name*

CAZI180W   Request issued

Explanation: The requested function has been completed.

CAZI181W

Explanation: You have entered data that will be lost by ending (PF3) this dialog. Press ENTER to confirm that you wish to discard all input or press PF3 to cancel the END request. Use SETUP to disable this prompt.

CAZI182W   END cancelled

Explanation: You have cancelled the previous END request.

CAZI183W

Explanation: Press ENTER again to confirm that you wish to submit this request. END/PF3 to cancel. Use SETUP to disable this prompt.

CAZI184W   Not confirmed

Explanation: Request not confirmed.

CAZI185W   New request added

Explanation: A new measurement request has been added.

CAZI186W   Request updated

Explanation: An existing measurement request has been updated.

CAZI187W   Request cancelled

Explanation: No updates have been performed.

CAZI188W   Specify Y or N

Explanation: A value of Y or N (Yes/No) must be specified. Specify Y to indicate that the measurement is to be for an active job or N to indicate that the measurement is to begin when the job is submitted.

CAZI189W   Invalid retry count

Explanation: Value specified for retry count is invalid. Specify the number of times that Application Performance Analyzer is to check if the job expected to be active is active. Specify zero for no retries.

CAZI190W   Invalid retry interval

Explanation: Value specified for retry interval is invalid. Specify the number of minutes between each retry of a scheduled measurement for an active job that was not active at scheduling time.

CAZI191W   Invalid expiry interval

Explanation: Value specified for expiry interval is invalid. Specify the number of minutes between the time of a scheduled measurement that Application Performance Analyzer is to wait for the job to run before removing the measurement from the schedule.

CAZI192W   Invalid rerun interval

Explanation: The value specified for rerun interval is invalid. Specify the number of minutes, days or weeks following the completion of a measurement during which IBM Application Performance Analyzer is to continue to check for a rerun of the job and to repeat the measurement.

CAZI193W   Invalid rerun count

Explanation: Value specified for rerun count is invalid. Specify the maximum number of times during the rerun interval that Application Performance Analyzer is to repeat a measurement of a job that has been rerun.

CAZI194W   Invalid retry values

Explanation: The retry count and interval values must both be nonzero or must both be zero.

CAZI195W   Invalid rerun values

Explanation: The rerun count must be nonzero when the interval value is nonzero.

CAZI196W   Invalid selection code

Explanation: Select a system by entering "S".

CAZI197W   Too many selections

Explanation: You can select only one system.

CAZI198W   Not allowed for active

Explanation: You can cannot specify an asterisk (ALL systems) for an active job. You must specify a valid system name. Valid names are *parameter_name*.

CAZI199W

Explanation: The entry you have selected represents a list of requests. Deleting this entry will also delete all of the requests belonging to it. Press ENTER to confirm deletion or PF3 to cancel.

CAZI200W   Measurement not active

Explanation: The request you have made is only applicable to a measurement that is currently active.

CAZI201W   Measurement completed

Explanation: The Application Performance Analyzer Realtime Monitor has terminated because the measurement being monitored has ended.

CAZI202W   Invalid panel id

Explanation: You have specified an invalid identifier for the real-time monitor startup panel.

CAZI203W   Invalid MAP command

Explanation: MAP ALL is the only allowable format of the MAP command.

CAZI204I   Source map data loaded

Explanation: Source mapping data has been loaded.

CAZI205W   No map data loaded

Explanation: No source map data has been loaded. Either none of the source mapping files listed in the A01 panel apply to this measurement or applicable data has already been loaded.

CAZI206W   Invalid Sort Option

Explanation: Valid sort options on this panel are SJ to sort by Job Name, SC to sort by CPU Time or SS to sort by SIO rate.

CAZI207W   *parameter_name* not found

Explanation: The customization REXX *parameter_name* was not found, function cancelled.

CAZI208W   *parameter_name* not customized

Explanation: The customization of *parameter_name* has not been done, function cancelled.

CAZI209W   Invalid parm type

Explanation: An invalid parm type has been entered in *parameter_name*, function cancelled. The parm is the first keyword following QUEUE in your customized REXX. The ISPEXEC SELECT command in the customized REXX has failed.

CAZI213W   Invalid file type entry

Explanation: Invalid or missing entry for File Type. Valid values are: *L*, *A*, *S*.

CAZI214W   Invalid record format

Explanation: Record format *U* is not supported for a source mapping data set.

CAZI215W   END again to exit

Explanation: You have entered the END command (or PF3) when there were expanded STEPS or REPEAT lines. These have been collapsed.

CAZI216W   Request cancelled

Explanation: Save report request was cancelled.

CAZI217W   Report(s) saved

Explanation: Report(s) saved in *&DSN*.

CAZI218W   Panel DISPLAY error

Explanation: Error occurred during *&IZISRT2*, RC=*&IZISRT3*.

CAZI219W   Delete cancelled

Explanation: Deletion of observations has been cancelled.

CAZI220W   Invalid ADATA file

Explanation: No source type records (type X"0030") were found in the ADATA file or no Job ID (type X"0000") record was found. Either of these conditions probably indicate an invalid ADATA file.

CAZI221W   Invalid map type

Explanation: The specified source mapping file type is invalid.

CAZI223W   No PROGRAM-ID found

Explanation: No PROGRAM-ID statement was found in the COBOL listing file.

CAZI224W   Invalid LANGX Sidefile

Explanation: A LANGX side file contained invalid records or mandatory records were missing.

CAZI225W   Unrecognized compiler

Explanation: A listing file contains an unrecognizable compiler product identifier or version.

CAZI226W   Missing compile options

Explanation: The compiler listing does not have the required options listed. For example, a COBOL program must be compiled with the SOURCE and (MAP or LIST) options.

CAZI228W   Invalid record format

Explanation: A source mapping file record format is invalid. It must be RECFM=F or RECFM=V.

CAZI229W   Description required

Explanation: A description of at least 8 characters is required.

CAZI233W   Missing OPTIONS heading

Explanation: A line containing the text "OPTIONS IN EFFECT:" or "*OPTIONS IN EFFECT*" in col 1 could not be found. This is the heading expected on a page containing information about compile options. The matching of this text is not case sensitive.

CAZI234W   No source statements

Explanation: A line containing the text "OPTIONS IN EFFECT:" or "*OPTIONS IN EFFECT*" was found and compile option information was extracted. Source lines were expected to be found in the listing file after the option information but no such records were found. The file might have been truncated in the middle of the compile options section. The end of this section is recognized by a record containing blanks in columns 1 to 4.

CAZI235W   Missing PMAP/CLIST

Explanation: A line containing the text "LINE # HEXLOC VERB" in col 1 was not found in the listing file. This is the heading expected on a page containing PMAP offset information. The matching of this text is not case sensitive. For OS/COBOL, the text "CONDENSED LISTING" was not found.

CAZI236W   File end after PMAP hdg

Explanation: A PMAP heading record containing "LINE # HEXLOC VERB" or "CONDENSED LISTING" (for OS/COBOL) was found, but EOF was encountered unexpectedly while processing PMAP detail lines. The file might have been truncated.

CAZI237W   Invalid listing

Explanation: EOF was encountered in a compiler listing file before any records identifying the type of file were found.

CAZI238W   Missing COBOL heading

Explanation: A prescan of the COBOL listing file did not find a record containing "LINEID PL SL" in column 1. This is the heading expected on a page containing COBOL source statements. The matching is not case sensitive.

CAZI239W   Press ENTER to confirm deletion or PF3 to cancel.

CAZI240W   RECFM changed

Explanation: *&DSN* exists, its RECFM cannot be changed.

CAZI241W   LRECL changed

Explanation: *&DSN* exists, its LRECL cannot be changed.

CAZI242W   Member missing

Explanation: A member name is required for a PDS/PDSE library.

CAZI243W   Member invalid

Explanation: A member name is not required for a flat file.

CAZI244W   Export function invalid

Explanation: The export function failed. Please note any messages displayed during the export function and report them to your systems programmer.

CAZI245W   *aaaa* records from the requested observation dataset have been written as *bbbb* data records to *cccc*.

Explanation: This message is issued upon the successful completion of the EXP (export) line command. It indicates that a TSO XMIT format dataset contains *bbbb* records with a dataset name of *cccc* and has been created from an observation file that

contained *aaaa* sample records.

CAZI246W   Import function failed

Explanation: The import function failed. Please note any messages displayed during the import function and report them to your systems programmer.

CAZI247W   The requested observation dataset has been imported to *&R02REQNM*

CAZI248W   Invalid SQL text

Explanation: The requested SQL statement text is not valid for EXPLAIN.

CAZI249W   Unable to issue EXPLAIN

Explanation: Could not find special register entries for SQL statement.

CAZI250W   Unable to issue EXPLAIN

Explanation: Could not find stored procedure entry for SQL statement.

CAZI251W   EXPLAIN request failed

Explanation: The EXPLAIN request failed on the server with error message number *&MPARM1*.

CAZI252W   Server not available

Explanation: The started task for profiler*&PROFID* is not currently running.

CAZI253W   DB2+ not selected.

Explanation: An EXPLAIN can only be requested if DB2+ was selected for the observation.

CAZI254W   No DB2+ record found

Explanation: There is no DB2+ record for the selected SQL statement. This happens on the first SQL statement that was observed.

CAZI255W   Invalid DB2+ version

Explanation: This observation was carried out prior to the availability of the EXPLAIN feature.

CAZI256W   DB2+ record error

Explanation: The format of the DB2+ record for this SQL statement is invalid.

CAZI257W   Invalid SQL type

Explanation: The requested SQL statement type is not valid for EXPLAIN.

CAZI258W   Recovery from abend

Explanation: An abend occurred during processing of the EXPLAIN request. Recovery from the abend was successful, but the EXPLAIN request failed.

CAZI259W   Server shutting down

Explanation: The started task for profiler *&PROFID* is shutting down.

CAZI260W   Server abend

Explanation: There was an abend on the server while processing your request. A dump might have been produced.

CAZI261W   Result set too large

Explanation: The result set for the EXPLAIN request is too large for the reporting data space.

CAZI262W   No Sample File

Explanation: The export request was for an observation session that does not have a sample file. Request cancelled.

CAZI263W   Import Cancelled

Explanation: The import request has been cancelled.

CAZI264W   Writing sample file

Explanation: The sample file is in the process of being written out. Please wait for this to complete.

CAZI265W   DB2 Explain not active

Explanation: The started task for profiler *&PROFID* has not activated the DB2 Explain feature.

CAZI266W   Access denied

Explanation: Access rules prevent you from viewing this item.

CAZI267W   Access denied

Explanation: Access rules prevent you from updating this item.

CAZI268W   Warning

Explanation: A new measurement request has been provisionally added. *System Name* specified an asterisk (*) and therefore could not be authorized. The request will be authorized at the time the job starts.

CAZI269W   Warning

Explanation: An existing measurement request has been provisionally updated. *System Name* specified an asterisk (*) and therefore could not be authorized. The request will be authorized at the time the job starts.

CAZI270W   No DDF measurement data

Explanation: The report you have selected cannot be displayed because it requires DDF measurement data. No DDF measurement data was captured.

CAZI271W   No PSW measurement data

Explanation: The report you have selected cannot be displayed because it requires PSW measurement data. No PSW measurement data was captured.

CAZI272W   Multiple Program Mapping'

Explanation: Multiple Source Program Mappings have been loaded for the selected Load Module. Expand and select a specific CSECT from the next level.

CAZI273W   Warning

Explanation: A new measurement request has been provisionally added. It represents a scheduling request and therefore could not be authorized. The request will be authorized at the time the job starts.

CAZI274W   Warning

Explanation: An existing measurement request has been provisionally updated. it represents a scheduling request and therefore could not be authorized. The request will be authorized at the time the job starts.

CAZI275W   No timestamp found

Explanation: The heading "Timestamp and Version Information" was not found in the pseudo assembly section of the compiler listing or the pseudo assembly section was not found. Make sure the compile options LIST and NOOFFSET were specified.

CAZI276W   OFFSET OBJECT not found

Explanation: The pseudo assembly section identified by the heading "OFFSET OBJECT CODE" was not found in the compiler listing. Make sure the compile options LIST and NOOFFSET were specified.

CAZI277W   Prog/timestamp mismatch

Explanation: No LE Entry Point records were recorded in the measurement file for a CSECT with a timestamp value matching the timestamp reported in the C/C++ compiler listing. The compiler listing timestamp is reported in the pseudo assembly section under heading "Timestamp and Version information". Use report S03 to display LE Entry Point timestamp information for the module in question.

CAZI279W   Not in Sched status

Explanation: A Trigger request can only be entered against an existing request that is in Sched status. Request cancelled.

CAZI286W   No DB2 or DDF data

Explanation: The report you have selected cannot be displayed because it requires DB2 or DDF data. No DB2 or DDF measurement data was captured.

CAZI287W   No HFS measurement data

Explanation: The report you have selected cannot be displayed because it requires HFS measurement data. No HFS measurement data was captured.

CAZI288W   Subtask attach failed

Explanation: The DWARF support services subtask failed to attach. Reason code 0xhhhhhhhh.

CAZI289W   DWARF Subtask terminated

Explanation: The DWARF support services subtask terminated unexpectedly. Source mapping DWARF programs cannot be supported. Reason code 0xhhhhhhhh.

CAZI290W   DWARF data space full

Explanation: The DWARF support services data space is full. No more DWARF files can be added.

CAZI291W   ELF DLL version error

Explanation: The ELF DLL version does not match the expected value. Reason code 0xhhhhhhhh.

CAZI292W   ELF library out of date

Explanation: The ELF runtime library is out of date. Reason code 0xhhhhhhhh.

CAZI293W   Debug file not found

Explanation: A debug file associated with a DWARF program was not found. Reason code 0xhhhhhhhh.

CAZI294W   Debug file access error

Explanation: Access to a debug file associated with a DWARF program was denied. Reason code 0xhhhhhhhh.

CAZI295W   Debug file open error

Explanation: A debug file associated with a USS program could not be opened. Reason code 0xhhhhhhhh.

CAZI296W   Source file not found

Explanation: A source file associated with a DWARF program was not found. Reason code 0xhhhhhhhh.

CAZI297W   Source file access error

Explanation: Access to a source file associated with a DWARF program was denied. Reason code 0xhhhhhhhh.

CAZI298W   Source file open error

Explanation: A source file associated with a DWARF program could not be opened. Reason code 0xhhhhhhhh.

CAZI299W   Source file too large

Explanation: A source file associated with a DWARF program is too large to load into the DWARF data space. Reason code 0xhhhhhhhh.

CAZI300W   Unexpected DWARF error

Explanation: DWARF support services returned an unexpected error. Reason code 0xhhhhhhhh.

CAZI301W   DWARF services unavailable

Explanation: DWARF support services unavailable due to previous error.

CAZI302I

Explanation: The HFS directory does not exist. Directory name dirname

CAZI303I

Explanation: Access to the HFS directory was denied. Directory name dirname

CAZI304W

Explanation: Invalid HFS name

CAZI305I

Explanation: The HFS directory must start with a '/'. Directory name dirname

CAZI306I

Explanation: The HFS directory has a syntax error. Directory name dirname

CAZI307W   Not allowed on this line

Explanation: DWARF source mapping with DWARF is not supported from this line. This can only be used on a program offset.

CAZI308W   TZ config parm missing

Explanation: A valid TZ configuration parameter is required by DWARF support services for local date and time conversion.

CAZI313W   Line Command conflict

Explanation: You entered line commands that are mutually exclusive with one another. For example: "I", or "M" is mutually exclusive with "D".

CAZI314W   M line command missing

Explanation: You entered an "A" line command without also entering a Move ("M") line command at the same time.

CAZI315W   A line command missing

Explanation: You entered a Move ("M") line command without also entering an After ("A") line command at the same time.

CAZI316W   Line command not allowed

Explanation: The "A" or "I" line command is not allowed on the last line. You cannot copy, move or insert after the last line.

CAZI317W   List is full

Explanation: The Source Mapping Dataset List is full. The Insert or Move operation cannot be performed. Delete an entry and try again..

CAZI318W   Invalid dataset(s)

Explanation: The Source Mapping Dataset List contains one or more invalid datasets. Correct the error(s) before terminating the dialog.

CAZI319W   Invalid dataset name

Explanation: The specified name is not a valid MVS dataset name.

CAZI320W   Dataset not partitioned

Explanation: You specified a dataset that is not partitioned. Only PDS or PDSE datasets are accepted here.

CAZI321W   No match found

Explanation: No match found. Select a dataset from the list, or PF3 to return to the A01 panel. This Pick List is displayed because you specified a blank dataset name and 'Match on Compile Date & Time', but no date and time matches were found for this member in your list of datasets.

CAZI322W   Timestamp not matched

Explanation: No LE Entry Point records were recorded in the measurement file for a CSECT with a timestamp value matching the timestamp reported in the compiler listing. Use report S03 to display LE Entry Point timestamp information for the module in question.

CAZI324W   No Natural sample data

Explanation: The report you have selected cannot be displayed because it requires Natural measurement data. No Natural measurement data was captured.

CAZI325W   No DDF zIIP data

Explanation: No DDF zIIP data was recorded in the sample file.

CAZI326W   XML DSN error

Explanation: An error was detected in the dataset name for the XML file or no dataset name was entered. The dataset must be a non-partitioned sequential dataset LRECL=255.

CAZI327W   XML dataset alloc failed

Explanation: The specified XML file could not be allocated. DYNALLOC error: Error=S99ERROR, Info=S99INFO, EError=S99EERR, EInfo=S99EINFO, ERSN=S99ERSN. The message displays the error fields returned from Dynamic Allocation.

CAZI328W   XML file incorrect DSORG

Explanation: The specified XML file is not PS (physical sequential), or its record size is not fixed 255 bytes.

CAZI329W   Incompatible options

Explanation: The XML file option cannot be specified with the PDF or JES report file options.

CAZI330W   Invalid schema

Explanation: The stored procedure or user-defined function schema entered is invalid.

CAZI331W   Invalid name

Explanation: The stored procedure or user-defined function name entered is invalid.

CAZI332W   Invalid subsystem name

Explanation: The DB2 subsystem name entered is invalid.

CAZI333W   Invalid selection

Explanation: You must enter P for Procedure or F for Function.

CAZI334W   Enter all DB2 parameters

Explanation: When requesting a DB2 stored procedure or user-defined function, all parameter fields for DB2 must be filled in.

CAZI335W   Enter DB2 or IMS parms

Explanation: Enter the parameters for the DB2 stored procedure/user-defined function, or the IMS subsystem ID and transaction code.

CAZI336W   Invalid job name

Explanation: A jobname of '-' may only be used on a NEW or MOD request.

CAZI337W   **SQL text truncated**

Explanation: The SQL text collected during sampling was truncated due to its size and cannot be used for the EXPLAIN function.

CAZI338W   **Value too high**

Explanation: The value entered in this field is higher than the installation configuration setting for value DB2IMaxTraceSize.

CAZI339W   **Value too high**

Explanation: The value entered in this field is higher than the installation configuration setting for value IMSIMaxTraceSize.

CAZI340W   **Abend detected in Import interface. Refer to the SVC dump for more information**

Explanation: An abend was detected while processing the Import request and an SVC dump was produced. Refer to the dump for the cause of the abend.

CAZI341W   **Internal Import function code not supported by the measurement task you are currently connected to**

Explanation: You are connected to a measurement task that does not support the import function. The most likely cause is that you are executing the latest version of the Application Performance Analyzer front end and are communicating with an older version of the started task that does not support this level of the import function.

CAZI342W   **X reports not available**

Explanation: At least one CICS sample must be tagged and another selected to use the X reports.

CAZI343W   **Parms are incompatible**

Explanation: The DB2 and IMS parameters are mutually exclusive. Please enter all the DB2 parameters or all the IMS parameters.

CAZI344W   **Invalid subsystem Id**

Explanation: The IMS subsystem Id entered is invalid.

CAZI345W   **Invalid transaction code**

Explanation: The IMS transaction code entered is invalid.

CAZI346W   **CICS invalid for request**

Explanation: The CICS Extractor is not allowed for a DB2 stored procedure/user-defined function or an IMS specific transaction code request.

CAZI347W   **DB2 required for request**

Explanation: The DB2 Extractor is required for a DB2 stored procedure/user-defined function request.

CAZI348W   **IMS+ required**

Explanation: The IMS+ Extractor is required for an IMS specific transaction code request.

CAZI349W   **Enter all IMS parameters**

Explanation: When requesting an IMS specific transaction code, the transaction code must be specified with the IMS subsystem ID or IMSPLEX name.

CAZI350W   **No regions found**

Explanation: No IMS dependent regions are active for the specified transaction code.

CAZI351W   **IMS not active**

Explanation: The specified IMS subsystem is not active.

CAZI352W   **Tran code not found**

Explanation: The specified IMS transaction code is not defined to the IMS subsystem or the transaction is Fast Path Exclusive.

CAZI353W   **IMS Region error**

Explanation: An unexpected error occurred while retrieving the IMS Region List.

CAZI354W   **Feature not enabled**

Explanation: To select a DB2 stored procedure or user-defined function, the WLMI feature must be enabled.

CAZI355W   **Too many selections**

Explanation: You can select only one job.

CAZI356W   **Measure active not valid**

Explanation: The Measure active job option is not valid for a DB2 stored procedure request.

CAZI357W   No CICS+ data

Explanation: No CICS+ data was recorded in the sample file.

CAZI360W   P04 not supported by GUI

Explanation: A GUI user attempted to perform DWARF source mapping with DWARF, from a line item that required the P04 dialog to be executed. This feature is currently not available to GUI users.

CAZI361I   The Import request is being processed. This may take some time, please wait while the request completes.

Explanation: An exported sample file or exported hierarchy is currently being imported. The process may take some time to complete. The time will vary based on the size of the sample file or hierarchy that is being imported.

CAZI362W   Service not available

Explanation: Source Mapping Common List service is not available because the Common Data Store (CDS) is not enabled. Contact your system administrator.

CAZI363W   Parms are incompatible

Explanation: The IMS Subsystem ID and IMSPLEX group name parameters are mutually exclusive. Please enter the IMS Subsystem ID or the IMSPLEX group name.

CAZI364W   Invalid IMSPLEX name

Explanation: The IMSPLEX group name entered is invalid.

CAZI365W   No active IMSPLEX member

Explanation: No active IMSPLEX members were found for the specified group name.

CAZI366W   IMSPLEX group not found

Explanation: The specified IMSPLEX XCF group name was not found.

CAZI367W   Request failed

Explanation: IXCQUERY error: Return/Reason code = *&MPARM1*. Please note the error message and report it to your systems programmer.

CAZI368W   Request failed

Explanation: Parameter error retrieving IMSPLEX members. Please note the error message and report it to your systems programmer.

CAZI369W   Missing CALL statement

Explanation: The CAZRXOEM REXX did not contain a CALL statement. The third party repository could not be invoked to provide source programming mapping support. The function is cancelled.

CAZI370W   Unsupported service

Explanation: The CAZRXOEM REXX exec specified a service that is not supported. For example, the exec attempted to use the ISPEXEC service. The function is cancelled.

CAZI371I   Warning: one or more observations are approaching their expiry dates. Enter the SW line command on the ReqNum heading to view all observations that are approaching their expiry date

Explanation: This warning message is displayed when you start the Application Performance Analyzer ISPF interface with the expiry days warning feature enabled, to warn the user when some observations will be automatically deleted within the configured warning period. This gives the user the opportunity to KEEP the observations to avoid automatic deletion.

CAZI372W   SQL formatting unavail

Explanation: SQL statement formatting unavailable due to previous error.

CAZI373W   Subtask attach failed

Explanation: SQL statement formatting subtask failed to attach. Reason code 0x&MPARM1.

CAZI374W   SQL subtask terminated

Explanation: SQL statement formatting subtask terminated unexpectedly. SQL statements cannot be formatted. Reason code 0x&MPARM1.

CAZI375W   SQL formatting failed

Explanation: SQL statement could not be formatted

CAZI376W   SQL formatting error

Explanation: SQL statement formatting service returned an unexpected error. Reason code 0x&MPARM1.

CAZI377W   SQL text not available

Explanation: SQL text could not be retrieved from the target Sysplex system because Application Performance Analyzer running on that system does not support retrieving SQL text.

CAZI378W   Must be slash or blank

Explanation: An invalid selection character for a DDF filter criteria null selection field has been entered. Enter either a slash (/) to indicate a null value for the corresponding DDF filter criteria or a blank.

CAZI379W   Invalid DB2 Corr Id

Explanation: An invalid DB2 correlation ID has been entered in the DDF filter criteria parameters.

CAZI380W   Invalid DB2 End User Id

Explanation: An invalid DB2 end user ID has been entered in the DDF filter criteria parameters.

CAZI381W   Invalid DB2 Workstn Id

Explanation: An invalid DB2 workstation ID has been entered in the DDF filter criteria parameters.

CAZI382W   Specify Corr Id or Null

Explanation: When the DDF Correlation ID has been specified as a null string, the Correlation Id entry field must be blank. These fields are mutually exclusive.

CAZI383W   Specify User Id or Null

Explanation: When the DDF End User ID has been specified as a null string, the User Id entry field must be blank. These fields are mutually exclusive.

CAZI384W   Specify WS Id or Null

Explanation: When the DDF Workstation ID has been specified as a null string, the Workstation Id entry field must be blank. These fields are mutually exclusive.

CAZI385W   Invalid pattern

Explanation: Invalid 'wildcard' pattern specified. Asterisk (*) must be the first and/or last character in the string.

CAZI386W   Invalid pattern

Explanation: Invalid 'wildcard' pattern specified. Asterisk (*) and percent (%) wildcard characters are mutually exclusive and cannot be specified in the same pattern.

CAZI387W   No WAS data

Explanation: No WebSphere® data was recorded in the sample file.

CAZI388W   Conflicting extractors

Explanation: The WAS Extractor was selected along with invalid extractors. Only CICS, DB2, DB2+, CDB2, DB2V, DB2X, and JAVA may be selected when WAS is also selected.

CAZI389W   Sample file too large

Explanation: The sample file was too large to allow the report to be expanded. Re-run with fewer samples to allow the report to be expanded.

CAZI390W   Specify Y or N

Explanation: A value of Y or N (Yes/No) must be specified. Specify Y to indicate that the measurement is to filter out image activity during WAS sampling.

CAZI391W   Invalid origin

Explanation: You must enter an origin and select one origin format.

CAZI392W   No DB2 SMF data

Explanation: The report you have selected cannot be displayed because it requires DB2 SMF data. No DB2 SMF data was recorded or the DB2+ option was not selected.

CAZI393W   No WAS/CICS data

Explanation: No WebSphere CICS data was recorded in the sample file.

CAZI394W   No measurement data

Explanation: The report that you have selected cannot be displayed because the required measurement data was not captured.

CAZI395W   Not a hierarchy

Explanation: The EXPH (export hierarchy) request can be used only for an observation hierarchy. The selected observation does not have any child observations under it. Use the EXP command instead of EXPH to export a single observation.

CAZI396W   *aaaa* **records from the requested observation hierarchy have been written as** *bbbb* **data records to** *cccc***.**

Explanation: This message is issued upon successful completion of the EXPH (export hierarchy) line command. It indicates that a TSO XMIT format dataset containing *bbbb* records with a dataset name of *cccc* has been created from a total of *aaaa* records in the hierarchy.

CAZI397W   **Observation hierarchy exported to** *aaaa* **with errors.** *bbbb* **input records written as** *cccc* **data records.**

Explanation: The requested EXPH (export hierarchy) line command has completed, but errors were detected during processing. Check the system log for error messages. The TSO XMIT dataset identified by *aaaa* may not contain the complete hierarchy. A total of *cccc* TSO XMIT data records were generated from *bbbb* input records.

CAZI398W   **Export hierarchy failed.**

Explanation: The EXPH (export hierarchy) command failed. Please note any messages displayed during the export function and report them to your systems programmer.

CAZI399W   **Too many entries.**

Explanation: There are too many observation entries in the hierarchy. The limit is *nnn* observations.

CAZI400W   **Incomplete observation.**

Explanation: Request number *nnnn* in the hierarchy has not completed yet.

CAZI402W   **Conflicting extractors.**

Explanation: Both the SRB Extractor and DB2+ for a DDF address space are selected.

CAZI403W   **No SRB measurement data.**

Explanation: No SRB measurement data is recorded in the sample file.

CAZI404W   **Invalid group attach name**

Explanation: The DB2 group attach name that is entered is invalid.

CAZI405W   **Mutually exclusive parms**

Explanation: The DB2 subsystem name and DB2 group name are mutually exclusive. Specify one or the other.

CAZI406W   **No MQ+ measurement data**

Explanation: No MQ+ measurement data was recorded in the sample file.

CAZI407W   **Value too high**

Explanation: The value that is entered in this field is higher than the installation configuration setting for value MQIMaxTraceSize.

CAZI408W   **Invalid command syntax**

Explanation: The SELECT command requires a single parameter that specifies a request number of a request that is in the Observation List.

CAZI409W   **Request not found**

Explanation: The user issued the SELECT command to launch Performance Analysis Reporting for the selected request number. However, the request that is associated with the request number does not exist.

CAZI411W   **Unsupported Observation**

Explanation: The user issued the SELECT command to launch Performance Analysis Reporting for the specified request number. However, the observation that is associated with the request number is the base for a multifile observation and does not contain an observation file. Search the expanded observation list and select a child observation under the base observation.

CAZI412W   **Invalid command syntax**

Explanation: The SELECT command requires a single parameter that specifies a 1-4 character started task ID.

CAZI413W   **Invalid Started Task ID**

Explanation: The specified Started Task ID is not active or is not defined.

CAZI414W   **Description must be > 7**

Explanation: Description must be 8 or more characters for config option.

CAZR002E   SYSNAME length invalid – *sysname*

Explanation: The length of the sysplex system name specified on the "SYSNAMES=" parameter is greater than eight characters. Sysplex system names are restricted to an eight-character maximum.

CAZR003E   Error, maximum of 32 system names allowed

Explanation: More than 32 sysplex system names have been specified on the "SYSNAMES=" parameter. The maximum number of sysplex system names is 32.

CAZR004E   CLASS length invalid – *class*

Explanation: The length of the RACF class name specified on the "CLASS=" parameter is greater than eight characters. RACF class names are restricted to an eight-character maximum.

CAZR005E   STCID parameter must be specified

Explanation: STCID is a required parameter and must be specified.

CAZR006E   SYSNAMES parameter must be specified

Explanation: SYSNAMES is a required parameter and must be specified.

CAZR007E   Allocation failed for existing data set *output_dataset_name* **RC=***rc*

Explanation: An error occurred trying to allocate an existing dataset or PDS/member specified on the "DSN=" parameter. The return code from the TSO ALLOCATE command is returned in the "RC=" field.

CAZR008I   Data set *output_dataset_name* **has been created**

Explanation: This is an informational message indicating that a new data set has been created for the output (JCL and RACF commands). If no "DSN=" parameter was specified, the data set created is `tsoprefix.CAZRACF.COMMANDS`. If the "DSN=" parameter was specified, the specified data set was created.

CAZR009E   Allocation failed for new data set *output_dataset_name* **RC=***rc*

Explanation: An error occurred trying to allocate a new data set. If no "DSN=" parameter was specified, the error occurred trying to allocate data set `tsoprefix.CAZRACF.COMMANDS`. If the "DSN=" parameter was specified, the error occurred on the specified data set. The return code from the TSO ALLOCATE command is returned in the "RC=" field.

CAZR010E   PDS *output_dataset_name* **does not exist – not allocated**

Explanation: A data set and member name were specified on the "DSN=" parameter, but the PDS does not exist. If the data set is a PDS, it must exist – only sequential data sets will be created if they do not exist. The member name might be an existing or new member.

CAZR011E   Error on output data set: *output_dataset_name* – *error_info*

Explanation: An unexpected condition was returned from the TSO SYSDSN function for the output data set. The data set name and the SYSDSN results are displayed in the message.

CAZR012E   Error on RACF SEARCH command: *(followed by RACF messages)*

Explanation: An unexpected condition was returned from the RACF SEARCH command. The command is issued in the utility to find all the profiles for the specified STCID. The RACF command messages follow this message.

CAZR013E   EXECIO failed – Return Code=*rc*

Explanation: An IO error occurred on an EXECIO command. The return code from the EXECIO command is displayed. This message might be accompanied by other messages from the EXECIO command.

CAZR014I   CAZRACON – Return Code=*rc*

Explanation: This is an informational message indicating that the utility has ended with the specified completion code.
   Return Code=0: Utility completed successfully
   Return Code=8: Input parameter error, see accompanying messages
   Return Code=12: Severe error, see accompanying messages

Chapter 4. Application Performance Analyzer PDTCC Extension messages

This chapter describes where the Application Performance Analyzer PDTCC extension messages are logged and lists the message IDs and descriptions. The Application Performance Analyzer PDTCC extension logs informational, error, and diagnostic messages to various JES destinations. The contents of these output files are described here by their DDnames:

- JESMSGLG

  All critical messages are displayed in JES Message Log. If the Application Performance Analyzer PDTCC extension fails to start successfully, look in JES Message Log for messages reporting the failure.

- COMMANDS

  Any commands processed by the the Application Performance Analyzer PDTCC extension (external or internal) are logged to this file. The command text is displayed here, as well any message associated with the command.

- CMDP, LOAD, LOGR, MAIN, TSOP

  Each of these represents a single subtask attached by the Application Performance Analyzer PDTCC extension and contains messages logged by that task. These are primarily informational messages and during normal operations you need not be concerned with the contents of these files. They can be useful during problem diagnosis.

Messages are sorted in alphanumeric order.

**CAZL001E   Unable to establish ESTAE.
r15='*return-code*'x r0='*reason-code*'x**

Explanation: During initialization, CAZL0001 was unable to establish an ESTAE exit routine. The return code and reason code from the ESTAEX macro are reported as '*return_code*'x and '*reason_code*'x.

System action: Application Performance Analyzer PDTCC extension terminates.

Operator response: Refer to the Application Performance Analyzer technical support Web site at www.ibm.com/software/awdtools/apa/support/ to find a possible resolution to this problem.

CAZL002I   IBM APA for z/OS PDTCC extension is shutting down.

Explanation: Application Performance Analyzer PDTCC extension initiated its shutdown process.

System action: None.

Operator response: None.

CAZL003I   IBM APA for z/OS PDTCC extension terminating.

Explanation: This message is reported when

Application Performance Analyzer PDTCC extension has completed its shutdown process and is about to terminate.

System action: None.

Operator response: None.

CAZL004I   IBM APA for z/OS PDTCC extension Version *version.release*, APAR *apar* starting.

Explanation: During the initialization of the main task, the version, release, and APAR numbers are reported.

System action: Application Performance Analyzer PDTCC extension continues initialization.

Operator response: None.

CAZL008S   Unsupported level of the operating system, IBM APA for z/OS PDTCC extension is terminating.

Explanation: Application Performance Analyzer PDTCC extension has detected that it is executing on a level of the operating system that Application Performance Analyzer does not support. Refer to

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message CAZ0007D for more information about operating system level.

System action: Application Performance Analyzer PDTCC extension terminates.

Operator response: Refer to the Application Performance Analyzer *Program Directory* for information about the product levels supported.

CAZL023I **IBM APA for z/OS PDTCC extension operating**

Explanation: Application Performance Analyzer PDTCC extension completed its initialization. The system is now ready to process sampling.

System action: None.

Operator response: None.

CAZL025I **STOP operator command detected.**

Explanation: This message indicates that an operator has entered the STOP command requesting the Application Performance Analyzer PDTCC extension to shut down.

System action: Application Performance Analyzer PDTCC extension terminates.

Operator response: None.

CAZL027I *subtask-name* **starting.**

Explanation: The subtask *subtask-name* has started and is in the process of initializing.

System action: Application Performance Analyzer PDTCC extension continues initialization.

User response: None.

CAZL030I *subtask-name* **operating.**

Explanation: The subtask *subtask-name* has completed initialization and is now ready for work.

System action: Application Performance Analyzer PDTCC extension continues initialization.

User response: None.

CAZL032W **Allocation error for SYSOUT data set** *ddname* **E=X"***error_code***"** **I=X"***information_code***"** **SMS=X"***reason_code***".**

Explanation: A dynamic allocation error occurred while attempting to allocate a log SYSOUT data set specified by *ddname*. *error_code*, *information_code*, and *reason_code* represent the dynamic allocation error code, information code and SMS reason code, respectively.

System action: None.

User response: Refer to the*MVS Programming Authorized Assembler Services Guide* for information about the above error codes.

CAZL038I *subtask-name* **stopping.**

Explanation: The subtask *subtask-name* has started its shutdown process.

System action: None.

User response: None.

CAZL039I *subtask-name* **Terminated.**

Explanation: The subtask *subtask-name* has completed its shutdown process and is about to terminate.

System action: None.

User response: None.

CAZL040S **Unable to open COMMANDS** *ddname*.

Explanation: The command processor subtask was not able to open the data set or SYSOUT allocated to the COMMANDS *ddname*. Probable cause is the COMMANDS DD statement is missing from the CONFIG=APA section of the PD Tools common component CONFIG sysin.

System action: Application Performance Analyzer PDTCC extension terminates.

User response: Add the appropriate COMMANDS DD statement to the CONFIG=APA section of the PD Tools common component started task CONFIG sysin.

CAZL042E **Unable to load TCP/IP API module.**

Explanation: INITAPI indicated that it was not able load the required API module.

System action: Application Performance Analyzer PDTCC extension terminates.

User response: Refer to the Application Performance Analyzer technical support Web site at www.ibm.com/software/awdtools/apa/support/ to find a possible resolution to this problem.

CAZL043E **Error detected in INITAPI call, ERRNO=***nnnn***.**

Explanation: INITAPI failed to due to errors.

System action: Application Performance Analyzer PDTCC extension terminates.

User response: Refer to the Application Performance Analyzer technical support Web site at www.ibm.com/software/awdtools/apa/support/ to find a possible resolution to this problem.

CAZL044E   **Error detected in GETIBMOPT call,**
                ERRNO=*nnnn***.**

Explanation: GETIBMOPT failed to due to errors.

System action: Application Performance Analyzer PDTCC extension terminates.

User response: Refer to the Application Performance Analyzer technical support Web site at www.ibm.com/software/awdtools/apa/support/ to find a possible resolution to this problem.

CAZL045E   **No TCP/IP images defined**

Explanation: The Application Performance Analyzer PDTCC extension was unable to find any defined instances of TCP/IP.

System action: Application Performance Analyzer PDTCC extension terminates.

User response: Ensure at least one instance of TCP/IP is running prior to starting Application Performance Analyzer PDTCC extension.

CAZL046I   **PDTCC extension subtask** *subtask-name*
                attached for *proc-name* **Port** *port-number*

Explanation: The Application Performance Analyzer PDTCC extension has attached a subtask by the name of *subtask-name*, to handle communications with the instance of TCP/IP identified by the procedure name of *proc-name*, and by the port number *port-number*.

System action: None.

User response: None.

CAZL059I   **Application** *appl-name* **terminated due to**
                lost connection with client.

Explanation: The application known by the internal name *appl-name* has terminated due to a lost connection with the client. The connection could have been lost due a communications error or the client simply closing the connection.

System action: None.

User response: None.

CAZL060E   **Application** *appl-name* **abended.**
                Abend=*completion-code***,**
                Reason=*reason-code***.**

Explanation: The application known by the internal name *appl-name* has abended with the abend completion and reason codes given by *completion-code, reason-code*.

System action: The application terminates with a dump.

User response: Refer to the Application Performance

Analyzer technical support Web site at www.ibm.com/software/awdtools/apa/support/ to find a possible resolution to this problem.

CAZL061I   **Application** *appl-name***, TCB=***tcb-address***;**
                successfully started.

Explanation: The application known by the internal name *appl-name* has started and is now communicating with the client. The application subtask tcb address is given by *tcb-address*.

System action: None.

User response: None.

CAZL062I   **PDTCC extension Server Subtask has**
                abended and successfully recovered.

Explanation: The Application Performance Analyzer Client Server subtask has successfully recovered from an abend. The subtask enters an idle state and waits for work.

System action: None.

User response: Refer to the Application Performance Analyzer technical support Web site at www.ibm.com/software/awdtools/apa/support/ to find a possible resolution to this problem.

CAZL063I   **Attempting to start application**
                *appl-name***.**

Explanation: The Application Performance Analyzer Client Server subtask as successfully handed off communications to the subtask named by *appl-name*.

System action: None.

User response: None.

CAZL064I   **Application** *appl-name* **termination**
                completed.

Explanation: The application subtask named by *appl-name* has terminated successfully.

System action: None.

User response: None.

CAZL065E   **Application** *appl-name* **terminated due to**
                session time out.

Explanation: The application subtask named by *appl-name* has terminated conversation with the client. This is due to the client failing to communicate with the application subtask for a period of time longer than the session time out value described by the configuration parameter SessionTimeOut of the CONFIG BASIC section.

System action: None.

User response: Review the problem with the user and increase the SessionTimeOut if necessary.

CAZL071E *program-name* **has abended while processing your request. Abend Code:** *cccc*.

Explanation: The program identified by: *program-name* has abended with completion code: *cccc*.

System action: None.

User response: Check the system log for abend and error messages. Also check for a dump. Refer to the Application Performance Analyzer technical support Web site at www.ibm.com/software/awdtools/apa/ support/ to find a possible resolution to this problem.

CAZL072I **Application:** *appl-name* **is terminating due to a request to shutdown the PDTCC extension subtask.**

Explanation: The application subtask named by: *appl-name* is terminating because the Application Performance Analyzer PDTCC extension subtask is shutting down. This might be due to a normal shutdown request for the extension or an abend condition in the server subtask.

System action: None.

User response: Check the system log for abend. Also check for a dump. If present, refer to the Application Performance Analyzer technical support Web site at www.ibm.com/software/awdtools/apa/support/ to find a possible resolution to this problem.

CAZL073I **Application:** *appl-name* **failed, RC=** *return-code*.

Explanation: The application subtask named by: *appl-name* failed and is terminating due to errors.

System action: None.

User response: Report the problem to product support.

CAZL076E *server*: **Client at IP Address:** *ip-address* **failed to start due to errors...**

Explanation: The Application Performance Analyzer Client Server subtask named: *server* failed to complete the START command for client at IP Address: *ip-address*. The reason for the failure follows in messages: CAZL077I and CAZL078I. This error should never happen, but if it does, it might indicate that the Application Performance Analyzer PDTCC extension is being probed for a possible attack. It might also indicate an incompatible version of the workstation code is attempting to communicate with this PDTCC extension.

System action: None.

User response: Ensure that the workstation code is compatible with the Application Performance Analyzer PDTCC extension. If they are, note the IP address in the message and attempt to validate it.

CAZL079E **RACROUTE VERIFY CREATE failed for User:** *aaaa*; **(RC,RET,REA,PGM): (** *bbbbx, ccccx,ddddx,eeee* **).**

Explanation: Attempt to create a RACF ACEE for user *aaaa* failed, where; *bbbb* represents the SAF return code, *cccc* represents the RACF return code, *dddd* represents the RACF reason code, and *eeee* represents the name of the failing program.

System action: Processing continues.

Operator response: Refer to: z/OS Security Server RACROUTE Macro Reference for a description of the return and reason codes.

CAZL100E **Keyword:** *aaaa* **contains invalid value. Rejected.**

Explanation: A command was issued with a keyword: *aaaa* that contained a value that is invalid for the keyword.

System action: None.

User response: Correct the error and resubmit the command.

CAZL115E **Error detected in BPX1SEL call. Function=** *a*, **RetVal=** *b*, **RetCode=** *c*, **RsnCode=** *d*.

Explanation: A call to UNIX System Service: BPX1SEL failed.

System action: Application Performance Analyzer PDTCC extension terminates.

Operator response: Contact product support.

CAZL900E **CAZL0054: Error in CEFMT, Msg#=** *nn* , **details follow...**

Explanation: This message indicates there is an internal error detected while attempting to process a normal error message.

System action: None.

User response: Report the problem to product support.

CAZL901E **String for Msg#:** *nn* **not defined.**

Explanation: This message indicates there is an internal error detected while attempting to process a normal error message.

System action: None.

User response: Report the problem to product support.

CAZL902E   OPEN of CONFIG file failed

Explanation: The configuration file OPEN failed. This file is allocated (in JCL) to DDNAME=CONFIG. This error occurs if the CONFIG DD statement is missing or the file is not a sequential FB LRECL=80 data set.

System action: Application Performance Analyzer PDTCC extension terminates.

User response: Correct the CONFIG DD statement or the configuration file.

CAZL903E   Rec. *record_number* **contains invalid object**

Explanation: This message indicates the record number *record_number* of a CONFIG statement in the CONFIG file. The object specified on this CONFIG statement is invalid. This error is also accompanied by a CAZL911E message.

System action: Application Performance Analyzer PDTCC extension terminates.

User response: Refer to the Application Performance Analyzer *Customization Guide* for information about defining configuration settings.

CAZL904E   Rec. *record_number* **contains errors**

Explanation: This message indicates that an error was encountered while parsing a CONFIG statement. The record number indicates the CONFIG file record where the CONFIG statement begins. The actual error might have been detected on a continuation record. One or more error messages are issued by the parser in the form AJT*nnnn*E and CAZL*nnn*I, which provide information about the error.

System action: Application Performance Analyzer PDTCC extension terminates.

User response: Refer to the Application Performance Analyzer *Customization Guide* for information about defining configuration settings.

CAZL905I   *variable text*

Explanation: This message provides details of error messages about syntax errors. *variable text* contains the portion of a statement or command expression that is in error.

System action: Command is terminated.

User response: None.

CAZL906I   *

Explanation: This message contains a single asterisk to point to where the syntax error described by message CAZL905I occurred.

System action: Command is terminated.

User response: None.

CAZL907I   Rec. *record_number* **processed successfully**

Explanation: The record number indicates a record in the CONFIG file at which a CONFIG statement begins. This indicates that the CONFIG statement was processed successfully.

System action: Application Performance Analyzer PDTCC extension continues initialization.

User response: None.

CAZL908E   Rec. *record_number* **unrecognized syntax**

Explanation: The record number indicates a CONFIG file record in which an unrecognizable statement was encountered. A statement with the following syntax was expected: CONFIG OPER ...

System action: Application Performance Analyzer PDTCC extension terminates.

User response: Refer to the Application Performance Analyzer *Customization Guide* for information about defining configuration settings.

CAZL909E   Rec. *record_number* **ended prematurely**

Explanation: The record number indicates a CONFIG file record at which a CONFIG statement begins. End of file on the CONFIG file was encountered before the end of the CONFIG statement. This is probably caused by a missing semicolon delimiter, which should be displayed at the end of the expression.

System action: Application Performance Analyzer PDTCC extension terminates.

User response: Correct the error in the CONFIG file and restart the job.

CAZL910I   CONFIG file processed successfully

Explanation: This indicates that all statements in the CONFIG file were processed successfully.

System action: Application Performance Analyzer PDTCC extension continues initialization.

User response: None.

CAZL911E   Fatal errors processing CONFIG file

Explanation: Errors were encountered in CONFIG statements in the CONFIG file. Details of the error(s) follow in separate messages.

System action: Application Performance Analyzer PDTCC extension terminates.

User response: Refer to the Application Performance Analyzer *Customization Guide* for information about defining configuration settings.

CAZL912E   Error processing object=*object_name*

Explanation: This is an internal error and can occur only if certain internal templates are syntactically invalid. This message accompanies a CAZL913E message and indicates the CONFIG object (object_name) that was being processed when the error occurred.

System action: Application Performance Analyzer PDTCC extension terminates.

User response: Report the problem to product support.

CAZL913E   Parsing error in CONFIG SM/TM

Explanation: This is an internal error and can occur only if certain internal templates are syntactically invalid. This error should also be accompanied by an AJT*nnnn* message providing additional details as well as a CAZL912E message.

System action: Application Performance Analyzer PDTCC extension terminates.

User response: Report the problem to product support.

CAZL914E   Error processing object=*object_name*

Explanation: This is an internal error and can occur only if certain internal templates are syntactically invalid. This message accompanies a CAZL915E message and indicates the CONFIG object (object_name) that was being processed when the error occurred.

System action: Application Performance Analyzer PDTCC extension terminates.

User response: Report the problem to product support.

CAZL915E   Processing error in loadDRT of CONFIG SM/TM

Explanation: This is an internal error and can occur only if certain internal templates are syntactically invalid. This error should also be accompanied by an AJT*nnnn* message.

System action: Application Performance Analyzer PDTCC extension terminates.

User response: Report the problem to product support.

CAZL916E   Invalid value for CONFIG *object_name* keyword: *keyword* [, Positional Parm: *value*] ; Value: *invalid_value*

Explanation: A value for the CONFIG object named by *object_name* contained a keyword name by: *keyword* that specified an invalid value. If the keyword supports multiple positional parameters, then the numeric position is specified by *value*. This message might optionally display the *invalid_value*.

System action: Application Performance Analyzer PDTCC extension terminates.

User response: Refer to the Application Performance Analyzer *Customization Guide* for information about defining configuration settings.

CAZL917I   IBM APA for z/OS PDTCC extension has abnormally terminated.

Explanation: This message informs operations that the Application Performance Analyzer PDTCC extension has abnormally terminated.

System action: None.

User response: Record the abend information from the system logs and contact product support.

CAZL920E   UNIT: *value* in 'CONFIG BASIC' could not be found in EDT.

Explanation: The *value* specified for the UNIT keyword in the CONFIG BASIC object is not defined to the system.

System action: Application Performance Analyzer PDTCC extension terminates.

User response: Refer to the Application Performance Analyzer *Customization Guide* for information about defining configuration settings.

CAZL921E   Error validating 'CONFIG BASIC' UNIT: *value*. EDTINFO RC=*return_code*RSN=*reason_code*.

Explanation: An EDTINFO error occurred validating the CONFIG BASIC UNIT *value*.

System action: Application Performance Analyzer PDTCC extension terminates.

User response: Refer to the Application Performance Analyzer technical support Web site at www.ibm.com/software/awdtools/apa/support/ to find a possible resolution to this problem.

CAZL922W   Allocation error for SYSOUT data set CONFIGSO E=*error_code***, I=***information_code***, SMS=***reason_code***.**

Explanation: The dynamic allocation error occurred while attempting to allocate the CONFIGSO SYSOUT data set. *error_code*, *information_code* and *reason_code* represent the hexidecimal dynamic allocation error code, information code and SMS reason code, respectively.

System action: None.

User response: Refer to the *MVS Programming: Authorized Assembler Services Guide* for information about the above error codes.

CAZL923W   Error opening CONFIGSO SYSOUT data set.

Explanation: The CONFIGSO SYSOUT data set could not be opened due to errors.

System action: None.

User response: Refer to the JOB log for accompanying error messages that describe the reason for open failure.

CAZL924E   Unable to LOAD ***module-name*. Terminating.**

Explanation: During initialization, module *module-name* could not be loaded.

System action: Application Performance Analyzer PDTCC extension terminates.

User response: This is probably caused by an incorrect library concatenation in STEPLIB. Correct the JCL and resubmit.

CAZL925E   Foreground mode invalid. Terminating.

Explanation: CAZL0001 was executed in TSO foreground.

System action: Application Performance Analyzer PDTCC extension terminates.

User response: Application Performance Analyzer PDTCC extension must be run as a UNIX process extension of the PD Tools Common Component.

CAZL926E   Program is not authorized. Terminating.

Explanation: CAZL0001 terminated because it was not APF authorized.

System action: Application Performance Analyzer PDTCC extension terminates.

Operator response: Verify that the product load library is APF authorized and that no unauthorized libraries are included in the STEPLIB concatenation.

Verify the AC=1 attribute for the CAZL0001 load module.

CAZL935E   'CONFIG BASIC' ExportDSN specified with invalid DataHLQ combination.

Explanation: The combination of values specified for ExportDSN and DataHLQ is not consistent.

System action: Application Performance Analyzer PDTCC extension terminates.

Operator response: Refer to the Application Performance Analyzer Customization Guide for information about defining configuration settings.

CAZL936E   SERVERID not found in SPAWN_PARMS_SECTION.

Explanation: The SERVERID= *keyword* was not found in the SPAWN_PARMS_SECTION of the PD Tools Common Server configurations for CONFIG=APA.

System action: Application Performance Analyzer PDTCC extension terminates.

Operator response: Ensure that SERVERID=$*serverid* is specified in SPAWN_PARMS_SECTION of the PD Tools Common Server configurations for CONFIG=APA. If the problem persists contact product support.

CAZL937E   CEEPIPI ***aaaa* failed; ***rc=bbbb***X.**

Explanation: The CEEPIPI function *aaaa* failed with a return code of *bbbb*.

System action: Application Performance Analyzer PDTCC extension terminates.

Operator response: Contact product support.

CAZL938E   ***aaaa* failed; ***rc=bbbb***X, ***rsn=cccc***X, ***fbc=dddd***X.**

Explanation: The PD Tools Common Server API *aaaa* failed with return code, reason code, and feedback code of *bbbb*, *cccc*, and *dddd* respectively.

System action: Application Performance Analyzer PDTCC extension terminates.

Operator response: Contact product support.

CAZL939E   initUSP failed for user: ***aaaa*; (RC,RET,REAS,PGM): (***bbbbx,ccccx,ddddx,eeeex***)**

Explanation: Attempt to initialize a RACF USP (user security packet) failed for user *aaaa*.

bbbb represents the SAF return code

cccc represents the RACF return code

dddd represents the RACF reason code

eeee represents the name of the failing program

System action: The GUI-Server logon attempt fails.

User response: Refer to the *z/OS Security Server RACF Callable Services* manual for a description of the initUSP return and reason codes.

CAZL940E   **OUTADD error for SYSOUT dataset CONFIGSO. RC=***aaaax***, RSN=***bbbbx***. SVC dump was produced.**

Explanation: The OUTADD service failed while attempting to create an OUTPUT descriptor for the CONFIGSO SYSOUT dataset. *aaaa* represents the OUTADD hexadecimal return codes. *bbbb* represents the OUTADD hexadecimal reason codes.

System action: None.

User response: For information about the previous error codes, refer to the *MVS Programming: Authorized Assembler Services Reference* manual.

Appendix A. Support resources and problem solving information

This section shows you how to quickly locate information to help answer your questions and solve your problems. If you have to call IBM support, this section provides information that you need to provide to the IBM service representative to help diagnose and resolve the problem.

For a comprehensive multimedia overview of IBM software support resources, see the IBM Education Assistant presentation "IBM Software Support Resources for System z® Enterprise Development Tools and Compilers products" at http://publib.boulder.ibm.com/infocenter/ieduasst/stgv1r0/index.jsp?topic=/com.ibm.iea.debugt/debugt/6.1z/TrainingEducation/SupportInfoADTools/player.html.

- "Searching knowledge bases"
- "Getting fixes" on page 119
- "Subscribing to support updates" on page 119
- "Contacting IBM Support" on page 120

Searching knowledge bases

You can search the available knowledge bases to determine whether your problem was already encountered and is already documented.

- "Searching the information center"
- "Searching product support documents"

Searching the information center

You can find this publication and documentation for many other products in the IBM System z Enterprise Development Tools & Compilers information center at http://publib.boulder.ibm.com/infocenter/pdthelp/v1r1/index.jsp. Using the information center, you can search product documentation in a variety of ways. You can search across the documentation for multiple products, search across a subset of the product documentation that you specify, or search a specific set of topics that you specify within a document. Search terms can include exact words or phrases, wild cards, and Boolean operators.

To learn more about how to use the search facility provided in the IBM System z Enterprise Development Tools & Compilers information center, you can view the multimedia presentation at http://publib.boulder.ibm.com/infocenter/pdthelp/v1r1/index.jsp?topic=/com.ibm.help.doc/InfoCenterTour800600.htm.

Searching product support documents

If you need to look beyond the information center to answer your question or resolve your problem, you can use one or more of the following approaches:

- Find the content that you need by using the IBM Support Portal at www.ibm.com/software/support or directly at www.ibm.com/support/entry/portal.

  The IBM Support Portal is a unified, centralized view of all technical support tools and information for all IBM systems, software, and services. The IBM

Support Portal lets you access the IBM electronic support portfolio from one place. You can tailor the pages to focus on the information and resources that you need for problem prevention and faster problem resolution.

Familiarize yourself with the IBM Support Portal by viewing the demo videos at https://www.ibm.com/blogs/SPNA/entry/the_ibm_support_portal_videos?lang=en_us about this tool. These videos introduce you to the IBM Support Portal, explore troubleshooting and other resources, and demonstrate how you can tailor the page by moving, adding, and deleting portlets.

Access a specific IBM Software Support site:
  – Application Performance Analyzer for z/OS Support
  – IBM z/OS Debugger Support
  – Enterprise COBOL for z/OS Support
  – Enterprise PL/I for z/OS Support
  – Fault Analyzer for z/OS Support
  – File Export for z/OS Support
  – File Manager for z/OS Support
  – WebSphere Developer Debugger for System z Support
  – WebSphere Studio Asset Analyzer for Multiplatforms Support
  – Workload Simulator for z/OS and OS/390® Support
- Search for content by using the IBM masthead search. You can can use the IBM masthead search by typing your search string into the Search field at the top of any ibm.com® page.
- Search for content by using any external search engine, such as Google, Yahoo, or Bing. If you use an external search engine, your results are more likely to include information that is outside the ibm.com domain. However, sometimes you can find useful problem-solving information about IBM products in newsgroups, forums, and blogs that are not on ibm.com. Include "IBM" and the name of the product in your search if you are looking for information about an IBM product.
- The IBM Support Assistant (also referred to as ISA) is a free local software serviceability workbench that helps you resolve questions and problems with IBM software products. It provides quick access to support-related information. You can use the IBM Support Assistant to help you in the following ways:
  – Search through IBM and non-IBM knowledge and information sources across multiple IBM products to answer a question or solve a problem.
  – Find additional information through product and support pages, customer news groups and forums, skills and training resources and information about troubleshooting and commonly asked questions.

In addition, you can use the built in Updater facility in IBM Support Assistant to obtain IBM Support Assistant upgrades and new features to add support for additional software products and capabilities as they become available.

For more information, and to download and start using the IBM Support Assistant for IBM System z Enterprise Development Tools & Compilers products, please visit http://www.ibm.com/support/docview.wss?rs=2300&context=SSFMHB&dc=D600&uid=swg21242707&loc=en_US&cs=UTF-8&lang=en.

General information about the IBM Support Assistant can be found on the IBM Support Assistant home page at http://www.ibm.com/software/support/isa.

Getting fixes

A product fix might be available to resolve your problem. To determine what fixes and other updates are available, select a link from the following list:

- Latest PTFs for Application Performance Analyzer for z/OS
- Latest PTFs for IBM z/OS Debugger
- Latest PTFs for Fault Analyzer for z/OS
- Latest PTFs for File Export for z/OS
- Latest PTFs for File Manager for z/OS
- Latest PTFs for Optim™ Move for DB2
- Latest PTFs for WebSphere Studio Asset Analyzer for Multiplatforms
- Latest PTFs for Workload Simulator for z/OS and OS/390

When you find a fix that you are interested in, click the name of the fix to read its description and to optionally download the fix.

Subscribe to receive email notifications about fixes and other IBM Support information as described in Subscribing to Support updates..

Subscribing to support updates

To stay informed of important information about the IBM products that you use, you can subscribe to updates. By subscribing to receive updates, you can receive important technical information and updates for specific Support tools and resources. You can subscribe to updates by using the following:

- RSS feeds and social media subscriptions
- My Notifications

To subscribe to Support updates, follow the steps below.

1. Click My notifications to get started. Click **Subscribe now!** on the page.
2. Sign in My notifications with your IBM ID. If you do not have an IBM ID, create one ID by following the instructions.
3. After you sign in My notifications, enter the name of the product that you want to subscribe in the **Product lookup** field. The look-ahead feature lists products matching what you typed. If the product does not appear, use the **Browse for a product** link.
4. Next to the product, click the **Subscribe** link. A green check mark is shown to indicate the subscription is created. The subscription is listed under Product subscriptions.
5. To indicate the type of notices for which you want to receive notifications, click the **Edit** link. To save your changes, click the **Submit** at the bottom of the page.
6. To indicate the frequency and format of the email message you receive, click **Delivery preferences**. Then, click **Submit**.
7. Optionally, you can click the RSS/Atom feed by clicking **Links**. Then, copy and paste the link into your feeder.
8. To see any notifications that were sent to you, click **View**.

RSS feeds and social media subscriptions

For general information about RSS, including steps for getting started and a list of RSS-enabled IBM web pages, visit the IBM Software Support RSS feeds site at http://www.ibm.com/software/support/rss/other/index.html. For information

about the RSS feed for the IBM System z Enterprise Development Tools & Compilers information center, refer to the Subscribe to information center updates topic in the information center at http://publib.boulder.ibm.com/infocenter/ pdthelp/v1r1/topic/com.ibm.help.doc/subscribe_info.html.

My Notifications

With My Notifications, you can subscribe to Support updates for any IBM product. You can specify that you want to receive daily or weekly email announcements. You can specify what type of information you want to receive (such as publications, hints and tips, product flashes (also known as alerts), downloads, and drivers). My Notifications enables you to customize and categorize the products about which you want to be informed and the delivery methods that best suit your needs.

To subscribe to Support updates, follow the steps below.

1. Click My notifications to get started. Click **Subscribe now!** on the page.
2. Sign in My notifications with your IBM ID. If you do not have an IBM ID, create one ID by following the instructions.
3. After you sign in My notifications, enter the name of the product that you want to subscribe in the **Product lookup** field. The look-ahead feature lists products matching what you typed. If the product does not appear, use the **Browse for a product** link.
4. Next to the product, click the **Subscribe** link. A green check mark is shown to indicate the subscription is created. The subscription is listed under Product subscriptions.
5. To indicate the type of notices for which you want to receive notifications, click the **Edit** link. To save your changes, click the **Submit** at the bottom of the page.
6. To indicate the frequency and format of the email message you receive, click **Delivery preferences**. Then, click **Submit**.
7. Optionally, you can click the RSS/Atom feed by clicking **Links**. Then, copy and paste the link into your feeder.
8. To see any notifications that were sent to you, click **View**.

Contacting IBM Support

IBM Support provides assistance with product defects, answering FAQs, and performing rediscovery.

After trying to find your answer or solution by using other self-help options such as technotes, you can contact IBM Support. Before contacting IBM Support, your company must have an active IBM maintenance contract, and you must be authorized to submit problems to IBM. For information about the types of available support, see the information below or refer to the Support portfolio topic in the Software Support Handbook at http://www14.software.ibm.com/webapp/ set2/sas/f/handbook/offerings.html.

- For IBM distributed software products (including, but not limited to, Tivoli®, Lotus®, and Rational® products, as well as DB2 and WebSphere products that run on Windows, or UNIX operating systems), enroll in Passport Advantage® in one of the following ways:

    Online

    > Go to the Passport Advantage Web site at http://www.lotus.com/ services/passport.nsf/ WebDocs/Passport_Advantage_Home and click **How to Enroll**.

By phone

For the phone number to call in your country, go to the Contacts page of the *IBM Software Support Handbook* on the Web at http://www14.software.ibm.com/webapp/set2/sas/f/handbook/contacts.html and click the name of your geographic region.

- For customers with Subscription and Support (S & S) contracts, go to the Software Service Request Web site at http://www.ibm.com/support/servicerequest.
- For customers with IBMLink, CATIA, Linux, S/390®, iSeries, pSeries, zSeries, and other support agreements, go to the IBM Support Line Web site at http://www.ibm.com/services/us/index.wss/so/its/a1000030/dt006.
- For IBM eServer™ software products (including, but not limited to, DB2 and WebSphere products that run in zSeries, pSeries, and iSeries environments), you can purchase a software maintenance agreement by working directly with an IBM sales representative or an IBM Business Partner. For more information about support for eServer software products, go to the IBM Technical Support Advantage Web site at http://www.ibm.com/servers/eserver/techsupport.html.

If you are not sure what type of software maintenance contract you need, call 1-800-IBMSERV (1-800-426-7378) in the United States. From other countries, go to the Contacts page of the *IBM Software Support Handbook* on the Web at http://www14.software.ibm.com/webapp/set2/sas/f/handbook/contacts.html and click the name of your geographic region for phone numbers of people who provide support for your location.

Complete the following steps to contact IBM Support with a problem:

1. "Define the problem and determine the severity of the problem"
2. "Gather diagnostic information" on page 122
3. "Submit the problem to IBM Support" on page 122

To contact IBM Software support, follow these steps:

Define the problem and determine the severity of the problem

Define the problem and determine severity of the problem When describing a problem to IBM, be as specific as possible. Include all relevant background information so that IBM Support can help you solve the problem efficiently.

IBM Support needs you to supply a severity level. Therefore, you need to understand and assess the business impact of the problem that you are reporting. Use the following criteria:

Severity 1

The problem has a **critical** business impact. You are unable to use the program, resulting in a critical impact on operations. This condition requires an immediate solution.

Severity 2

The problem has a **significant** business impact. The program is usable, but it is severely limited.

Severity 3

The problem has **some** business impact. The program is usable, but less significant features (not critical to operations) are unavailable.

Severity 4

> The problem has **minimal** business impact. The problem causes little impact on operations, or a reasonable circumvention to the problem was implemented.

For more information, see the Getting IBM support topic in the Software Support Handbook at http://www14.software.ibm.com/webapp/set2/sas/f/handbook/getsupport.html.

Gather diagnostic information

To save time, if there is a Mustgather document available for the product, refer to the Mustgather document and gather the information specified. Mustgather documents contain specific instructions for submitting your problem to IBM and gathering information needed by the IBM support team to resolve your problem. To determine if there is a Mustgather document for this product, go to the product support page and search on the term Mustgather. At the time of this publication, the following Mustgather documents are available:

- Mustgather: Read first for problems encountered with Application Performance Analyzer for z/OS: http://www.ibm.com/support/docview.wss?rs=2300 &context=SSFMHB&q1=mustgather&uid=swg21265542&loc=en_US&cs=utf-8 ⟨=en
- Mustgather: Read first for problems encountered with IBM z/OS Debugger: http://www.ibm.com/support/docview.wss?rs=615&context=SSGTSD &q1=mustgather&uid=swg21254711&loc=en_US&cs=utf-8&lang=en
- Mustgather: Read first for problems encountered with Fault Analyzer for z/OS:http://www.ibm.com/support/docview.wss?rs=273&context=SSXJAJ &q1=mustgather&uid=swg21255056&loc=en_US&cs=utf-8&lang=en
- Mustgather: Read first for problems encountered with File Manager for z/OS: http://www.ibm.com/support/docview.wss?rs=274&context=SSXJAV &q1=mustgather&uid=swg21255514&loc=en_US&cs=utf-8&lang=en
- Mustgather: Read first for problems encountered with Enterprise COBOL for z/OS: http://www.ibm.com/support/docview.wss?rs=2231&context=SS6SG3 &q1=mustgather&uid=swg21249990&loc=en_US&cs=utf-8&lang=en
- Mustgather: Read first for problems encountered with Enterprise PL/I for z/OS: http://www.ibm.com/support/docview.wss?rs=619&context=SSY2V3 &q1=mustgather&uid=swg21260496&loc=en_US&cs=utf-8&lang=en

If the product does not have a Mustgather document, please provide answers to the following questions:

- What software versions were you running when the problem occurred?
- Do you have logs, traces, and messages that are related to the problem symptoms? IBM Software Support is likely to ask for this information.
- Can you re-create the problem? If so, what steps were performed to re-create the problem?
- Did you make any changes to the system? For example, did you make changes to the hardware, operating system, networking software, and so on.
- Are you currently using a workaround for the problem? If so, be prepared to explain the workaround when you report the problem.

Submit the problem to IBM Support

You can submit your problem to IBM Support in one of three ways:

Online using the IBM Support Portal

Click **Service request** on the IBM Software Support site at http://www.ibm.com/software/support. On the right side of the Service request page, expand the Product related links section. Click Software support (general) and select ServiceLink/IBMLink to open an Electronic Technical Response (ETR). Enter your information into the appropriate problem submission form.

Online using the Service Request tool

The Service Request tool can be found at http://www.ibm.com/software/support/servicerequest.

By phone

Call 1-800-IBMSERV (1-800-426-7378) in the United States or, from other countries, go to the Contacts page of the *IBM Software Support Handbook* at http://www14.software.ibm.com/webapp/set2/sas/f/handbook/contacts.html and click the name of your geographic region.

If the problem you submit is for a software defect or for missing or inaccurate documentation, IBM Support creates an Authorized Program Analysis Report (APAR). The APAR describes the problem in detail. Whenever possible, IBM Support provides a workaround that you can implement until the APAR is resolved and a fix is delivered. IBM publishes resolved APARs on the IBM Support website daily, so that other users who experience the same problem can benefit from the same resolution.

After a Problem Management Record (PMR) is open, you can submit diagnostic MustGather data to IBM using one of the following methods:

- FTP diagnostic data to IBM. For more information, refer to http://www.ibm.com/support/docview.wss?rs=615&uid=swg21154524.
- If FTP is not possible, email diagnostic data to techsupport@mainz.ibm.com. You must add PMR xxxxx bbb ccc in the subject line of your email. xxxxx is your PMR number, bbb is your branch office, and ccc is your IBM country code. Go to http://itcenter.mainz.de.ibm.com/ecurep/mail/subject.html for more details.

Always update your PMR to indicate that data has been sent. You can update your PMR online or by phone as described above.

Appendix B. Notices

References in this publication to IBM products, programs, or services do not imply that IBM intends to make these available in all countries in which IBM operates. Any reference to an IBM product, program, or service is not intended to state or imply that only that IBM product, program, or service may be used. Subject to IBM's valid intellectual property or other legally protectable rights, any functionally equivalent product, program, or service may be used instead of the IBM product, program, or service. The evaluation and verification of operation in conjunction with other products, except those expressly designated by IBM, are the responsibility of the user.

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> IBM Corporation
> 500 Columbus Avenue
> Thornwood, NY 10594
> U.S.A.

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> IBM Corporation, Department HHX/H3
> 555 Bailey Avenue
> San Jose, CA 95141-1099
> U.S.A.

Such information might be available, subject to appropriate terms and conditions, including in some cases, payment of a fee.

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Appendix C. Accessibility

Accessibility features help a user who has a physical disability, such as restricted mobility or limited vision, to use software products successfully. The accessibility features in z/OS provide accessibility for Application Performance Analyzer for z/OS.

The major accessibility features in z/OS enable users to:
- Use assistive technology products such as screen readers and screen magnifier software
- Operate specific or equivalent features by using only the keyboard
- Customize display attributes such as color, contrast, and font size

Using assistive technologies

Assistive technology products work with the user interfaces that are found in z/OS. For specific guidance information, consult the documentation for the assistive technology product that you use to access z/OS interfaces.

Keyboard navigation of the user interface

Users can access z/OS user interfaces by using TSO/E or ISPF. Refer to *z/OS TSO/E Primer*, *z/OS TSO/E User's Guide*, and *z/OS ISPF User's Guide Volume 1* for information about accessing TSO/E and ISPF interfaces. These guides describe how to use TSO/E and ISPF, including the use of keyboard shortcuts or function keys (PF keys). Each guide includes the default settings for the PF keys and explains how to modify their functions.

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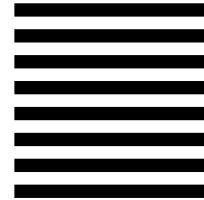
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