

IBM OMEGAMON and Tivoli Management
Services on z/OS Shared Documentation
6.3.x

Messages



Note

Before using this information and the product it supports, read the information in [“Notices” on page 603.](#)

This edition applies to IBM OMEGAMON products that use OMNIMON Base version 7.5.0 and above and to all subsequent releases and modifications until otherwise indicated in new editions.

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Contents

Introduction to messages.....	1
Messages for z/OS components.....	5
CI messages.....	8
CND messages.....	25
CS and CT messages.....	33
ETE messages.....	40
IA messages.....	56
IN messages.....	62
KBB messages.....	66
KCN messages.....	67
KDH messages.....	72
KLB messages.....	73
KLE messages.....	73
KLU messages.....	78
KLV messages.....	88
KLX messages.....	260
KMV messages.....	263
KOB messages.....	279
KOBK – KOBQ messages.....	279
KOBP messages.....	324
KOBK – KOBQ messages.....	328
KPD and KFAPD messages.....	333
KPQ messages.....	336
KRAO messages.....	349
KSC messages.....	350
KSD messages.....	351
LSC messages.....	357
OB messages.....	357
OM messages.....	453
Messages shared by distributed and z/OS components.....	501
KDS messages.....	502
KFA messages.....	508
KHD messages.....	529
KMS messages.....	530
KO4 messages.....	530
KQM messages.....	553
KRAA messages.....	554
KRA messages.....	556
TMS:Engine codes.....	561
TMS:Engine abend and snap dump codes.....	561
TMS:Engine message route codes.....	562
TMS:Engine sense data format.....	562
IBM Tivoli Monitoring product codes.....	565
ETE return codes and sense codes.....	573
Return codes.....	573

Sense codes.....	573
ETE address space sense codes.....	573
ETE capture facility ADD sense codes.....	573
EXTRACT request errors.....	574
ETE Capture Facility REMOVE sense codes.....	575
REFRESH request errors.....	575
ETE capture facility install API sense codes.....	576
STATUS request errors.....	577
ETE capture facility sense codes.....	577
DELETE request errors.....	578
RASTOP sense codes.....	579
ADD request errors.....	579
ETE capture facility QUIESCE sense codes.....	581
RASTRT sense codes.....	581
REMOVE request errors.....	582
ETE capture facility EXTRACT sense codes.....	582
CONNECT sense codes.....	583
INSTALL request errors.....	584
ETE Capture Facility DELETE sense codes.....	587
XTAG sense codes.....	588
z/OS status codes and return codes.....	589
KDCNCnnn message status codes.....	589
KSM and KIB return codes.....	597
KFA return codes.....	599
KMS return codes.....	601
Notices.....	603

Introduction to messages

This documentation includes messages for the z/OS®-based components of the IBM® OMEGAMON products and Tivoli® Management Services, such as the Tivoli Enterprise Portal Server, the Tivoli Enterprise Monitoring Server, OMNIMON Base, and the Tivoli Monitoring Services:Engine (TMS:Engine).

Message logging refers to the text and numeric messages created by Tivoli Management Services components and IBM Tivoli OMEGAMON® monitoring agents. These messages relay information about how the system or application is performing and can alert you to exceptional conditions when they occur. Typically, text messages relay information about the state and performance of a system or application. Messages also alert the system administrator to exceptional conditions when they occur. Consult the explanation and operator response associated with the displayed messages to determine the cause of the failure.

Messages are sent to an output destination, such as a file, database, or console screen. Messages are internationalized based on the locale of the originator. If you receive a warning or error message, you can do one of the following:

- Follow the instructions listed in the detail window of the message, if this is included in the message.
- Consult the message details in this documentation to see what action you can take to correct the problem.
- Consult the message log for message ID and text, time and date of the message, as well as other data you can use to diagnose the problem.

Trace data capture transient information about the current operating environment when a component or application fails to operate as designed. IBM Software Support personnel use the captured trace information to determine the source of an error or unexpected condition.

This documentation contains the following types of messages:

- [“Messages for z/OS components” on page 5](#)
- [“Messages shared by distributed and z/OS components” on page 501](#)

Table 1 on page 1 shows the message prefixes associated with the various components and subcomponents of the Tivoli Management Services environment.

Component	Subcomponent (optional)	Associated prefix
Distributed Monitoring product	None	AMX
Db2® application agent*	None	KUD*
i5/OS agent*	None	KA4 *

Table 1. Prefixes associated with various Tivoli Management Services components (continued)

Component	Subcomponent (optional)	Associated prefix
IBM Tivoli Monitoring	Hot standby feature	KQM
	Link wizard	KJR
	Remote deployment	KDY
	Storage allocation and alert. Situations and take action commands.	KFA
	Server shutdown	KMS
	Situation, data queues, and policies. Startup processing. Configuration errors. Global directory server.	KO4
	User interface (both the tacmd command line and displayed messages) and the import and exports of policies and situations.	KUI
Installation and Configuration	Configuration Manager or PARMGEN	KCI, KOB
	UNIX Installation	KCI
Monitoring agents	None	KRA
MSSQL application agent*	None	KOQ*
Migration Toolkit command line and graphical user interfaces	None	AMK
OMEGAVIEW	None	KLM, KOS, KSD
Oracle application agent*	None	KOR*
SAP application agent*	None	KSA*
Sybase application agent*	None	KOY*
Tivoli Enterprise Console®	Rules Check Utility	ECO
	Forwarding of situation updates from the TEC Event server back to the hub Tivoli Enterprise Monitoring Server	KFAIT
Tivoli Enterprise Monitoring Server	All platforms	KDC, KDS, KFA. KMS. KO4, KQM
	TMS:Engine (z/OS only)	KBB, KDH, KLB, KLE, KLU, KLV, KLX
Tivoli Enterprise Portal Server	None	KFW
Tivoli Universal Agent	None	KUM
UNIX OS agent*	None	KUX
Windows OS agent*	None	KNT
z/OS-only components		

Table 1. Prefixes associated with various Tivoli Management Services components (continued)

Component	Subcomponent (optional)	Associated prefix
Classic OMEGAMON	None	IA, IN, LSC
OMEGAMON Base	None	CI, CND, CS, CT, KOB, OB, OM
OMEGAMON Enhanced 3270 User Interface	None	KOB
OMNIMON Base	Coupling facility	KCN
Persistent data store	None	KPD, KPQ
*Documented in the <i>IBM Tivoli Monitoring: Upgrading from IBM Tivoli Monitoring V5.1.2.</i>		

Messages for z/OS components

The Tivoli Enterprise Monitoring Server on z/OS and its various subsystems (OMNIMON, TMS:Engine, and OMEGAMON base) generate log files that contain messages and trace information. The log files contain message and trace information about the events and processing being performed. z/OS log files provide a complete record of system activity, not just of problems. The log files are created when you start the IBM Tivoli Monitoring z/OS components. [Table 3 on page 7](#) lists the log files created by each z/OS subcomponent. These files are available to help you resolve problems encountered while using the products. IBM Software Support might request some or all of these files while investigating a problem you have reported.

When you encounter a problem, first check the messages in the log files to determine if the source is a problem in the IBM Tivoli Monitoring environment or with an OMEGAMON z/OS monitoring agent. If you determine that the problem is due to a product defect, contact IBM Software Support. IBM Software Support might request that you activate tracing so that the log files collect additional information needed to resolve the problem. Some of the tracing options produce large amounts of trace information. Therefore, monitor the disk or spool space when activating tracing to prevent your disk or spool from reaching capacity. Return the trace settings to the default settings after the desired trace information has been collected. For the locations of various types of logs, see [Table 3 on page 7](#).

The messages for this product are in two formats. One format includes a single-digit component identifier with a message type and the other includes a double-digit component identifier with no message type. Both formats have the following common elements:

www

is the message component identifier. The usual length of a component identifier is three characters, though it can be a few as two characters or as many as five. This book includes the message identifiers in [Table 2 on page 5](#):

Message prefix	Components using this prefix
CI	OMEGAMON Base
CND	OMEGAMON Base
CSA	OMEGAMON Base
CT	OMEGAMON Base
ETE	End-to-End Response Time Monitor
IA	Classic OMEGAMON
IN	Classic OMEGAMON
KBB	Tivoli Management Services: Engine (TMS:Engine)
KCN	OMNIMON Base
KDH	TMS:Engine
KLB	TMS:Engine
KLE	TMS:Engine C language interface messages
KLU	Tivoli Enterprise Monitoring Server on z/OS or TMS:Engine
KLV	Tivoli Enterprise Monitoring Server on z/OS or TMS:Engine
KLX	Tivoli Enterprise Monitoring Server on z/OS or TMS:Engine

<i>Table 2. Message component identifiers documented in this book (continued)</i>	
Message prefix	Components using this prefix
KMV	OMEGAVIEW
KOB	OMEGAMON Base (Enhanced 3270 user interface), Parameter Generator (PARMGEN), or Configuration Manager
KPQ	OMEGAMON Base (Persistent data store)
KSD	OMEGAVIEW
LSC	Classic OMEGAMON
OB	OMEGAMON Base
OM	OMEGAMON Base

yyy

Message number.

Other messages are in the following format:

```
wwwxyyy
```

Where:

x

Component identifier.

yyy

Message number.

z

One-letter message type. Some messages have this message type indicator. It can be one of the following:

- **I** for informational messages, which typically do not require administrator or operator actions.
- **W** for warning messages, which typically require actions.
- **E** for error messages, which indicate a problem that you must resolve before normal operation can continue.

In the message description, most message headings are self-explanatory (for example, **Explanation** or **System Response**). Some messages include a heading for **Severity**. Severity is sometimes defined as a number between 0 and 80, where 0 means it is unimportant and 80 means the matter requires immediate attention. This numerical value is often paired with a system programmer response heading, so that you know how to respond to the severity indicator.

Other times, Severity is expressed as one of the following values:

- **REPLY, VIEW or INFO**: indicates successful completion or attempted completion of a request.
- **ERROR**: indicates that a system action has failed to complete successfully.
- **WARNING or ALERT**: indicates that an error has occurred and offers additional details to help you correct the problem that often involves contacting IBM Software Support.
- **ABEND**: reports a component failure that requires immediate system programmer response and usually requires running traces and collecting dumps for IBM Software Support.
- **FATAL**: indicate a condition causing shutdown or catastrophic termination.

Messages with severity tags can sometimes be routed to different console groupings. When the Severity tag is used to described TMS:Engine errors, the value indicates where the message will be sent. For more information, see [“TMS:Engine message route codes”](#) on page 562.

[Table 3 on page 7](#) contains the locations of logs where distributed component messages are found:

Table 3. Log locations for z/OS components

z/OS component	Log location
<p>An OMEGAMON XE monitoring agent on z/OS</p>	<p>RKLVLOG for the monitoring agent started task is the single most helpful piece of service information for an OMEGAMON XE monitoring agent on z/OS. The RKLVLOG (R = runtime, KLV = the prefix associated with IBM Tivoli Monitoring Services:Engine or TMS:Engine) is the sysout data set or spool file that contains log and trace messages.</p> <p>These additional zSeries log files (if available) are also useful:</p> <ul style="list-style-type: none"> • The RKLVSnap sysout data set or spool file contains formatted dump output. • The RKPDLLOG sysout data set or spool file contains the information and error messages related to the handling of persistent data stores. • Some agents have other files defined to collect log and trace messages. OMEGAMON XE for Mainframe Networks, for example, might also use the KN3ACTCS and KN3ANMON sysout data sets or spool files to collect log and trace messages. <p>Refer to your started procedures for the locations of these serviceability log files.</p> <p>Note: OMEGAMON XE monitoring agent on z/OS messages are documented in the agent-specific problem determination guide.</p>
<p>Tivoli Enterprise Monitoring Server on z/OS</p>	<p>RKLVLOG for the monitoring agent started task is the single most helpful piece of service information for an OMEGAMON XE monitoring agent on z/OS. The RKLVLOG (R = runtime, KLV = the prefix associated with IBM Tivoli Monitoring Services:Engine or TMS:Engine) is the sysout data set or spool file that contains log and trace messages.</p> <p>These additional zSeries log files (if available) are also useful:</p> <ul style="list-style-type: none"> • The RKLVSnap sysout data set or spool file contains formatted dump output. • The RKPDLLOG sysout data set or spool file contains the information and error messages related to the handling of persistent data stores. • Some agents have other files defined to collect log and trace messages. OMEGAMON XE for Mainframe Networks, for example, might also use the KN3ACTCS and KN3ANMON sysout data sets or spool files to collect log and trace messages. <p>Refer to your started procedures for the locations of these serviceability log files.</p> <p>Note: OMEGAMON XE monitoring agent on z/OS messages are documented in the agent-specific problem determination guide.</p> <p>Because the Tivoli Enterprise Monitoring Server on z/OS runs under TMS:Engine just as an OMEGAMON XE monitoring agent on z/OS does, all logging under TMS:Engine is handled the same way, that is log and trace data are written to RKLVLLOGs and RKPDLLOGs.</p>

Table 3. Log locations for z/OS components (continued)

z/OS component	Log location
ETE	<p>ETE is a base component and does not have its own RKLVLLOG. This component writes messages to the IBM System Display and Search Facility (SDSF) Job Log. The User Response section of various ETE message requests that you collect systems information and memory dumps before contacting IBM Software Support. How to collect this information for ETE is documented in the <i>IBM Tivoli End to End Response Time Reference</i> book.</p> <p>Note: ETE messages are documented in the <i>IBM Tivoli End to End Response Time Reference</i> book.</p>
IBM Tivoli Management Services: Engine (TMS:Engine)	<p>TMS:Engine is a collection of basic operating system and communication service routines built specifically for z/OS. All address spaces used by OMEGAMON XE monitoring agents on z/OS load and use the services of TMS:Engine.</p> <p>Successful initialization of TMS:Engine is noted by this message:</p> <pre style="background-color: #f0f0f0;">KLVIN408 IBM OMEGAMON PLATFORM ENGINE VERSION 400 READY</pre> <p>For troubleshooting information about TMS:Engine problems, refer to the z/OS initialization section of <i>IBM Tivoli Monitoring: Problem Determination Guide</i>. Explanations for messages generated by TMS:Engine can be found in <i>IBM Tivoli Monitoring: z/OS Messages</i>.</p> <p>TMS:Engine writes messages to the same RKLVLLOG as the product it is running. If you search the RKLVLLOG for a OMEGAMON XE monitoring agent on z/OS, product-specific messages start with the product code (for example, KN3 for OMEGAMON XE for Mainframe Networks) but messages for the TMS:Engine start with component prefixes KBB, KDH, KLB, KLE, KLU, KLV, and KLX.</p>
OMEGAMON subsystem	<p>The OMEGAMON subsystem does not allocate an RKLVLLOG. This component issues messages directly to the z/OS system console (or SYSLOG).</p>
Persistent data store	<p>The RKPDLLOG sysout data set or spool file contains the information and error messages related to the handling of persistent data stores.</p>

CI messages

Messages that begin with the CI prefix are associated with OMEGAMON Base components.

CI0410 **INVALID COMMAND - ENTER '?'
FOR LIST**

Explanation

The command you entered is not an interface command.

System action

OMEGAMON ignores the command.

User response

Enter a proper interface command.

CI0411 **PARM MEMBER NAME MISSING**

Explanation

An EXEC command was issued but the member name was omitted.

System action

OMEGAMON ignores the command.

User response

Re-enter the command, specifying correct member name.

CI0412 'ID=' MISSING - REENTER

Explanation

A STOP command was issued but did not specify an ID, or had the wrong MODIFY ID to stop a subtask.

System action

OMEGAMON ignores the command.

User response

Re-enter the command, specifying the correct ID.

CI0413 TASK ID TO STOP OR MODIFY MISSING - REENTER

Explanation

A STOP command was entered without specifying an ID.

System action

OMEGAMON ignores the command.

User response

Re-enter the command, specifying the correct ID.

CI0414 MISSING TASK TYPE TO START

Explanation

A START command was entered without specifying a task, such as KKOBCICSCICS or OMVTAM.

System action

OMEGAMON ignores the command.

User response

Re-enter the command, specifying the correct task.

CI0415 EXPECTED TASKID MISSING - REENTER

Explanation

A common interface command requiring a task ID was entered without the task ID.

System action

OMEGAMON ignores the command.

User response

Re-enter the command, specifying the task ID.

CI0416 '=' MISSING - REENTER

Explanation

A parameter that requires a value was entered with the value omitted, for example:

```
START KOBICCS,ROWS, COLS=80,...
```

rather than

```
START KOBICCS,ROWS=24, COLS=80,...
```

System action

OMEGAMON ignores the command.

User response

Re-enter the command with an = and a value after the parameter name.

CI0417 CUU ADDRESS MISSING - REENTER

Explanation

A common interface start command with a unit keyword was issued without the required unit address.

System action

OMEGAMON ignores the command.

User response

Re-enter the command with a unit address.

CI0418 VALUE MISSING - OR INVALID

Explanation

A parameter requires a valid value which was not supplied.

System action

OMEGAMON ignores the command.

User response

Re-enter the command, specifying a valid value.

CI0419 **USER DATA NAME MISSING - REENTER**

Explanation

A common interface start command with a user keyword was issued without the required user module suffix.

System action

OMEGAMON ignores the command.

User response

Re-enter the command with a user module suffix.

CI0420 **SYSTEM ID MISSING - REENTER**

Explanation

A common interface start command with a SYS keyword was issued without the required system ID.

System action

OMEGAMON ignores the command.

User response

Re-enter the command with a system ID.

CI0421 **SYSTEM MODE MISSING - REENTER**

Explanation

A common interface start command with a MODE keyword was issued without the required ID.

System action

OMEGAMON ignores the command.

User response

Re-enter the command with a system mode.

CI0425 **YES OR NO REQUIRED - REENTER**

Explanation

YES or NO was not specified in a parameter where it is required.

System action

OMEGAMON ignores the command.

User response

Re-enter the command, specifying **YES** or **NO**.

CI0510 **ATTACH PROCESSING - TASK ID=cccccccc**

Explanation

A common interface EXEC or START command has initiated a process to start a new task. The task identifier is *cccccccc*.

System action

Attach processing continues.

User response

None. This message is informational only.

CI0530 **DUPLICATE TASK ID - TASK NOT STARTED**

Explanation

This message follows CI0510. It indicates that a task with the identifier named in the CI0510 message is already active. The ID associated with a common interface task must be unique.

System action

Attach processing for the new task terminates.

User response

Add the 'ID' keyword to the task's START command, or terminate the executing task and start the new task again.

CI0531 **ID=cccccccc PROGRAM=aaaaaaaa**

Explanation

The common interface also issued message CI0530. This message displays the task ID (*cccccccc*) and program name (*aaaaaaaa*) associated with message CI0530.

System action

None.

User response

Use this task ID (ccccccc) to STOP the task.

CI0532 **TASK AREA NOT AVAILABLE -
TASK NOT STARTED**

Explanation

This message follows CI0510. It indicates that memory is not available to build a work area needed by the common interface to start a new task.

System action

Attach processing for the new task terminates.

User response

If the problem persists, restart the common interface with a larger REGION size, or eliminate any currently executing tasks that are no longer needed.

CI0533 **ATTACH COMPLETE FOR TASK
ccccccc, TCB xxxxxxxx**

Explanation

Attach processing has completed for an EXEC or START command. The task identifier is ccccccc. The TCB address of the new task is xxxxxxxx

System action

Processing continues.

User response

None. This message is informational only, and is issued after message CI0510.

CI0534 **ATTACH FAILED FOR TASK
ccccccc**

Explanation

This message follows CI0510. Attach processing failed for the ccccccc task.

System action

Attach processing for the new task terminates.

User response

Contact IBM Software Support.

CI0535 **DUPLICATE ID - TASK NOT
STARTED**

Explanation

An attempt was made to start a task with an ID identical to that of another task already running under the common interface.

System action

The new task does not start.

User response

Re-enter the command with a unique task ID.

CI0536 **ID=ccccccc PROGRAM=aaaaaaaa**

Explanation

The common interface also issued message CI0535. This message displays the task ID (ccccccc) and program name (aaaaaaaa) associated with message CI0535.

System action

The new task does not start.

User response

Re-enter the command with a unique task ID.

CI0537 **Common Interface - UNABLE TO
OBTAIN TASK AREA**

Explanation

There is insufficient storage for the Interface to obtain a work area for the starting task.

System action

OMEGAMON ignores the common interface start command.

User response

Check for error messages on the system console that might provide a reason for the failure. Once the source of the storage constraint is corrected, retry the START command. If this problem persists, increase the region size.

CI0542 **STOP ID NOT FOUND**

Explanation

The STOP command specified an ID that is not active.

System action

Processing terminates.

User response

Use the DISPLAY or LIST command to display the active task IDs.

CI0543 THE FOLLOWING TASK IDS ARE ACTIVE:

Explanation

The DISPLAY or LIST command shows which tasks are active.

System action

None.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

CI0544 JSCB BUILD FAILED - TASK NOT STARTED

Explanation

This message follows CI0510. A JSCB control block needed by the common interface to start a new task could not be built.

System action

Attach processing for the new task terminates.

User response

Check the system console for related error messages and contact IBM Software Support.

CI0545 CSCB BUILD FAILED - TASK NOT STARTED

Explanation

This message follows CI0510. A CSCB control block needed by the common interface to start a new task could not be built.

System action

Attach processing for the new task terminates.

User response

Check the system console for related error messages and contact IBM Software Support.

CI0546 GETMAIN FAILED FOR SP230 PARAMETER WORK AREA

Explanation

The common interface was unable to acquire a parameter work area in subpool 230 that is used by subtasks attached with a system key specification.

System action

The subtask creation request is ignored.

User response

Contact IBM Software Support.

CI0550 TASK BUSY - MODIFY MESSAGE NOT SENT TO TASK

Explanation

A request was made to the common interface to issue an z/OS modify command to a subtask, but the subtask is not currently accepting modify commands.

System action

OMEGAMON ignores the modify request.

User response

Retry the command.

CI0551 MODIFY MESSAGE SENT TO TASK

Explanation

The common interface honored a MODIFY command.

System action

The common interface issues the modify command to the subtask.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

CI0552 TASK TO MODIFY NOT FOUND

Explanation

A request was made to the common interface to issue a modify command to a subtask whose ID (specified in the MODIFY command) cannot be found among the currently active subtasks.

System action

OMEGAMON ignores the modify request.

User response

Use the LIST command to determine which tasks are active to the common interface. Correct the task ID and reissue the MODIFY command.

CI0553 **DYNAMIC ALLOCATION FOR SNAP FILE FAILED, ERROR=aaaaa, REASON=bbbbbb, RI5=ccccc.**

Explanation

When the DSNAPON command is presented to the common interface, it attempts to dynamically allocate the response time collector SNAP debugging file. Should an error occur during the allocation process, the above message displays showing the error codes returned by the supervisor allocation routines. Note that the common interface only uses dynamic allocation for the response time collector SNAP file in the absence of a DSNAPDD data definition statement.

System action

The response time collector SNAP debugging file does not allocate or open.

User response

The error, reason, and return codes in this message are described in the IBM *MVS Job Management Manual*. Correct the source of the error message and retry the allocation. Alternatively, a DSNAPDD data definition statement can be included in the common interface JCL stream, thereby avoiding the need to use dynamic allocation.

CI0560 **RKANPAR DATA SET OPEN ERROR**

Explanation

The *rhilev*.RKANPAR data set could not be opened

System action

EXEC processing terminates.

User response

Check that the RKANPAR DD statement is in the JCL for this region. Check that the data set has the proper attributes (see the installation documentation). Contact IBM Software Support for assistance.

CI0561 **INVALID LRECL OF RKANPAR - NOT LRECL=80**

Explanation

The *rhilev*.RKANPAR data set does not have an LRECL of 80.

System action

EXEC processing terminates.

User response

Check and correct the LRECL of the *rhilev*.TOBDATA data set.

CI0562 **MEMBER NOT FOUND IN DATA SET**

Explanation

A member name was specified in the EXEC command, but that member does not exist in the *rhilev*.T.RKANPAR data set.

System action

EXEC processing terminates.

User response

Check the member name entered and re-enter the correct name.

CI0563 **ERROR OBTAINING A BUFFER FOR READING RKANPAR**

Explanation

The Common Interface was unable to obtain an I/O buffer for reading the *rhilev*.RKANPAR data set. This is probably the result of a severe storage shortage in the system.

System action

EXEC processing terminates.

User response

Try the command later when storage use lessens. Increase the region size if this condition persists.

**CI0564 ERROR OBTAINING AN INPUT
 AREA FOR RECORD**

Explanation

The command processor could not obtain an input cell for a record from the *rhilev*.RKANPAR data set. EXEC processing terminates.

User response

Try the command later when core use lessens.
Increase the region size if this condition persists.

CI0565 EXEC LIMIT EXCEEDED

Explanation

You reached the limit of ten EXEC members to be processed per command invocation. This limit prevents a possible loop in the EXEC process where member A EXECs B and member B EXECs A.

System action

EXEC processing terminates.

User response

Check that the EXEC members do not cause EXEC loops. Reorganize the commands to be executed to fewer than ten members total.

**CI0567 KEY VALUE OUT OF RANGE, MUST
 BE 0-7**

Explanation

The KEY= keyword may only specify keys 0-7. Key 8 is used by V=V problem programs and keys 9-15 are reserved for V=R problem programs.

System action

OMEGAMON ignores the request.

User response

Specify a valid KEY= keyword value.

CI0580 * NO TASKS ARE ACTIVE *****

Explanation

OMEGAMON issues this message in response to a DISPLAY or LIST command when no tasks are active.

System action

None.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

**CI0585 ERROR READING RKANPAR
 MEMBER - SYNAD MESSAGE:**

Explanation

A system error occurred while processing a member of the *hilev*.RKANPAR data set. A SYNAD message follows.

System action

Command processing terminates.

User response

Check the SYNAD message for cause of the error.

**CI0586 FREEMAIN FAILED FOR SP230
 PARAMETER WORK AREA
 FOLLOWING ATTACH FAILURE**

Explanation

The common interface was unable to freemain the parameter work area in subpool 230 that is used by subtasks attached with a system key specification. This occurred after the subtask attach attempt failed.

System action

None.

User response

Contact IBM Software Support.

CI0587 FAILURE TO FREE CSCB

Explanation

The command scheduling control block used by tasks that run under the common interface could not be unallocated.

System action

The CSCB storage, if any, is not freed.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

CI0588 **FAILURE TO FREE JSCB**

Explanation

The job step control block acquired by the common interface on behalf of one of its subtasks could not be released.

System action

The JSCB storage, if any, is not freed.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

CI0592 **TASK ID=XXXXXXXX HAS BEEN STOPPED VIA POST**

Explanation

The common interface honored a STOP command.

System action

The common interface requests the subtask to stop.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

CI0593 **TASK ID=XXXXXXXX HAS BEEN STOPPED VIA DETACH (STAE=YES)**

Explanation

The common interface processed a STOP command where the DETACH=Y parameter was specified.

System action

The common interface detaches the subtask which may result in an ABEND 33E.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

CI0594 **ID=cccccccc PROGRAM=aaaaaaaa**

Explanation

The common interface also issued message CI0592. This message displays the task ID (cccccccc) and program name (aaaaaaaa) associated with message CI0592.

System action

None.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

CI0603 **SYMBOL NOT DEFINED: ccccccccc**

Explanation

The symbol displayed is not known to the command processor.

System action

Command processing terminates.

User response

Check the input for spelling.

CI0604 **AMBIGUOUS SYMBOL: ccccccccc**

Explanation

The symbol entered cannot be uniquely identified.

System action

Command processing terminates.

User response

Spell out the command operand more fully.

CI0605 **INVALID INPUT VALUE:**

Explanation

The input value received is not valid for the symbol.

System action

Command processing terminates.

User response

Check to see if the value is correct or respecify differently, for example, as 43 instead of 0043 in number of ROWS on the terminal screen.

CI0606 **EXPECTED CONTINUATION NOT RECEIVED**

Explanation

An input statement had a continuation indication but was the last statement input to the command processor.

System action

This command processing terminates.

User response

Add a continuation statement or remove the continuation indicator.

CI0607 **EXPECTED INPUT NOT RECEIVED**

Explanation

A command is expecting some input options but they were not specified (for example, ROWS=).

System action

Command processing terminates.

User response

Specify the required options.

CI0608 **ERROR IN FREE CELL ROUTINE**

Explanation

The parser had an error trying to free an input command cell.

System action

Processing terminates.

User response

Contact IBM Software Support for assistance.

CI0609 **ERROR IN FREE POOL ROUTINE**

Explanation

The parser had an error trying to free the input command pool.

System action

Processing terminates.

User response

Contact IBM Software Support for assistance.

CI0700 **OMEGAMON *Common Interface* READY FOR COMMANDS**

Explanation

The Interface enters a WAIT state to wait for commands to process.

System action

The Interface waits.

User response

The Interface is now ready to accept commands via MODIFY.

CI0715 **MODIFY IGNORED**

Explanation

The Interface is not in a state where it accepts the MODIFY command.

System action

Command processing terminates.

User response

Reissue the command.

CI0720 **PROCESS MESSAGES FOLLOW**

Explanation

Informational and error messages generated during command processing follow.

System action

None.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

CI0722 **SUBTASK LOOP IDENTIFICATION
AND ANALYSIS IN PROGRESS**

Explanation

The common interface detected a looping condition in one of its subtasks.

System action

The common interface attempts to identify the looping subtask. The common interface will not accept any commands while task-level loop checking is in progress.

User response

Determine why the subtask was looping. Correct the problem and restart the subtask.

CI0723 **LOOPING *Common Interface*
SUBTASK SCHEDULED FOR
TERMINATION**

Explanation

The common interface identified a looping subtask and scheduled it for termination. Message CI0724 accompanies this one.

System action

OMEGAMON forcibly detaches the looping subtask and generates a SNAP dump (ddname: SNAPFILE).

User response

See accompanying message CI0724 for the name and ID of the looping program. Examine the SNAP dump to determine why the subtask was looping. Correct the problem and restart the subtask. If necessary, contact IBM Software Support with the dump information.

CI0724 **ID=cccccccc PROGRAM=aaaaaaaa**

Explanation

The subtask specified by the task ID (cccccccc) and program name (aaaaaaaa) is scheduled for termination because of a suspected looping condition. This message accompanies CI0723.

System action

Processing continues.

User response

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations. See accompanying message CI0723.

CI0725 **ZERO POINTER TO CIB FOUND**

Explanation

An unexpected condition occurred and an abend may result.

System action

Processing tries to continue.

User response

If an abend occurs, let the Interface retry. Contact IBM Software Support for assistance.

CI0726 **SUBTASK LOOP IDENTIFICATION
AND ANALYSIS COMPLETED
SUCCESSFULLY**

Explanation

The common interface completed its analysis of subtask CPU utilization. Commands will now be accepted normally.

System action

None.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

CI0727 **SUBTASK LOOP IDENTIFICATION
AND ANALYSIS TERMINATED
WITHOUT RESOLUTION**

Explanation

The common interface terminated its analysis of subtask CPU utilization. This occurred because a subtask terminated (normally or abnormally), or the common interface was unable to isolate the errant subtask.

System action

None.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

CI0730	TERMINATION REQUEST ACKNOWLEDGED
---------------	---

Explanation

The common interface acknowledges the user's stop command.

System action

The common interface begins termination processing.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

CI0731	COMMAND PARSE COMPLETED WITH CRITICAL ERRORS
---------------	---

Explanation

The parsing of the command results in a failure of the parser.

System action

OMEGAMON ignores the command.

User response

Contact IBM Software Support for assistance and have a copy of the input available.

CI0732	FREE INPUT CELL CRITICAL ERROR
---------------	---

Explanation

Command processing is complete but the Interface is unable to release the input message cell.

System action

Processing continues.

User response

Contact IBM Software Support for assistance.

CI0734	FREE INPUT POOL CRITICAL ERROR
---------------	---

Explanation

Command processing is complete but the Interface was unable to release the input message pool.

System action

Command processing continues.

User response

Contact IBM Software Support for assistance.

CI0735	KOBCIIPn LOAD ERROR
---------------	----------------------------

Explanation

The common interface was unable to load the parser and command processing routines. *n* is an operating system identifier from 1–4.

System action

The common interface terminates the command.

User response

Make sure KOBCIIP*n* is in a load library accessible to the common interface.

CI0736	FREE MESSAGE CELL CRITICAL ERROR
---------------	---

Explanation

Command processing is complete but the Interface is unable to release the output message cell.

System action

Command processing continues.

User response

Contact IBM Software Support for assistance.

CI0738 **FREE MESSAGE POOL CRITICAL ERROR**

Explanation

Command processing is complete but the Interface is unable to release the output message pool.

System action

Command processing continues.

User response

Contact IBM Software Support for assistance.

CI0740 **UNABLE TO OBTAIN STORAGE FOR COMMAND**

Explanation

Common interface is unable to obtain the storage required to process a command.

System action

None.

User response

Increase the region available to the common interface.

CI0741 **PROCESS GET CELL ERROR: CMD IGNORED**

Explanation

The Interface is unable to get an input command cell in which to place the command to process.

System action

OMEGAMON ignores the command.

User response

The lack of available virtual storage may cause the error. Reissue the command when storage usage lessens. If the problem persists, increase the region size. Contact IBM Software Support for assistance.

CI0750 **MESSAGES PRIOR TO ERROR**

Explanation

After an error is detected and retry started, the messages that resulted appear.

System action

None.

User response

Note which processes completed. Contact IBM Software Support for assistance.

CI0756 **ATTACH FAILED**

Explanation

An attach of a common interface subtask failed.

System action

None.

User response

Check for messages on the system console, and contact IBM Software Support.

CI0759 **TASK-LEVEL LOOP CHECKING IN PROGRESS**

Explanation

The common interface is monitoring individual subtasks for excessive CPU utilization. No commands will be accepted while task-level loop checking is in progress.

System action

OMEGAMON ignores the request.

User response

Retry the request after task-level loop checking has completed.

CI0760 **PROCESSING COMMAND**

Explanation

The processing of the command entered using the MODIFY begins.

System action

Command processing starts.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

CI0762 **FREE MESSAGE CELL CRITICAL ERROR**

Explanation

Cleanup routine after an error is unable to free up message cells.

System action

Cleanup continues.

User response

Contact IBM Software Support for assistance.

CI0764 **FREE MESSAGE POOL CRITICAL ERROR**

Explanation

Cleanup routine after an error is unable to free up message pool.

System action

Cleanup continues.

User response

Contact IBM Software Support for assistance.

CI0770 **INPUT AT TIME OF ERROR ****

Explanation

OMEGAMON displays the command processing at the time of the error.

System action

Cleanup continues.

User response

Contact IBM Software Support for assistance.

CI0772 **FREE MESSAGE CELL CRITICAL ERROR**

Explanation

The input message cells could not be freed.

System action

Cleanup continues.

User response

Contact IBM Software Support for assistance.

CI0774 **FREE MESSAGE POOL CRITICAL ERROR**

Explanation

The input message pool could not be freed.

System action

Cleanup continues.

User response

Contact IBM Software Support for assistance.

CI0787 **FAILURE TO FREE CSCB**

Explanation

This message indicates either an internal error or storage corruption.

System action

The subtask termination cleanup continues.

User response

Contact IBM Software Support for a problem number and instructions for forwarding the following documentation: a log of the debug screen space sequence and any dumps produced by the common interface address space or related TSO address space.

CI0788 **FAILURE TO FREE JSCB**

Explanation

This message indicates either an internal error or storage corruption.

System action

The subtask termination cleanup continues.

User response

Follow the instructions given in the support appendix, then contact IBM Software Support.

CI0789 **FREEMAIN FAILED FOR SP230 PARAMETER WORK**

**AREA FOLLOWING SUBTASK
TERMINATION**

Explanation

The common interface was unable to freemain the parameter work area in subpool 230 that is used by subtasks attached with a system key specification. This occurred after the subtask terminated normally or abnormally.

System action

None.

User response

Contact IBM Software Support.

**CI0798 INVALID RETURN FROM
 TERMINATION CALL**

Explanation

Internal error. This message should be accompanied by abend U798.

System action

The common interface abnormally terminates.

User response

Follow the instructions given in the support appendix, then contact IBM Software Support.

**CI0799 UNABLE TO LOCATE RECOVERY
 HEADER**

Explanation

Internal error. This message should be accompanied by abend U799.

System action

The common interface abnormally terminates.

User response

Follow the instructions given in the support appendix, then contact IBM Software Support.

**CI0900 Common Interface
 INITIALIZATION**

Explanation

The common interface is beginning initialization.

System action

Initialization continues.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

**CI0901 GLOBAL ADDRESS SPACE VECTOR
 TABLE BUILD FAILED**

Explanation

The GETMAIN for the LSQA to hold the vector table failed.

System action

The common interface terminates.

User response

Contact IBM Software Support.

**CI0906 PE SERVER SYSPRINT DCB
 GETMAIN FAILED.**

Explanation

The common interface was unable to obtain virtual storage in the OMEGAMON address space required for the Performance Expert server SYSPRINT DCB.

System action

The common interface terminates.

User response

Increase the region size and restart the OMEGAMON server.

**CI0907 PE SERVER SYSPRINT DCB OPEN
 FAILED.**

Explanation

The common interface failed to open the Performance Expert server SYSPRINT DCB.

System action

The common interface terminates.

User response

Specify a SYSPRINT DDname in the OMEGAMON server started task JCL and restart the OMEGAMON server.

CI0908 **PE SERVER SYSPRINT TOKEN
CREATE FAILED.**

Explanation

The common interface failed to create the Performance Expert server home-level name/token pair.

System action

The common interface terminates.

User response

Contact the IBM Software Support.

CI0931 **SUBTASK ERROR RECOVERY
DETECTED INVALID ISDA**

Explanation

This error is caused either by an internal error or by the corruption of virtual storage.

System action

The subtask terminates.

User response

Follow the instructions given in the support appendix, then contact IBM Software Support.

CI0935 **RETRY FROM Interface A ERROR
RECOVERY**

Explanation

Interface D abnormally terminated and control has passed back to Interface A.

System action

System action is dependent on the response made to message CI0995, which always immediately follows this message.

User response

Respond to message CI0995.

CI0938 **ERROR ENCOUNTERED
ATTEMPTING TO SERIALIZE NON-
SWAPPABILITY**

Explanation

The common interface was unable to successfully enqueue upon a step-level resource used to regulate non-swapability.

System action

The common interface terminates.

User response

Contact IBM Software Support.

CI0940 **MODULE KOBCCIID n NOT FOUND**

Explanation

The common interface could not find module KOBCCIID n . n is an operating system identifier from 1–4.

System action

The common interface does not initialize.

User response

Verify that KOBCCIID n is installed in the common interface's JOBLIB/STEPLIB, and restart the common interface.

CI0941 **LINK FAILED - Interface D**

Explanation

The link to OBCIID was unsuccessful.

System action

The common interface terminates.

User response

Check the JES job log for messages. The most common reason for this failure is that OBCIID is not available from the STEPLIB of the common interface.

CI0951 **PLACE MODULE ccccccc IN A
JOB/STEP/LPA LIBRARY**

Explanation

An error (that was logged in a message preceding this one) is caused by the absence of the indicated module.

System action

It depends on the error logged in the previous message.

User response

Respond as indicated in the previous message.

CI0952	REPLY GO, STOP (TERMINATES Common Interface OPERATION), OR HELP
---------------	--

Explanation

See **System Action** and **User Response**.

System action

Interface retries, or termination of the common interface, depending on the response to the message.

User response

A response of GO retries initiation of the Interface. Precede this response with corrective action to address the cause of the problem, such as placing a new, good copy of a program in a library. STOP terminates the common interface. HELP produces an explanatory message and reissues the WTOR.

CI0960	ENVIRONMENT MISMATCH, SYSTEM MUST BE MVS/SP 1.3 OR HIGHER
---------------	--

Explanation

The common interface was started in an operating system that does not support its functions.

System action

The common interface does not initialize.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

CI0961	ENVIRONMENT MISMATCH, 370 VERSION IN XA, OR XA VERSION IN 370
---------------	--

Explanation

The common interface was started in an incompatible operating system.

System action

The common interface does not initialize.

User response

Verify that the correct version of the common interface is installed.

CI0968	Common Interface REQUIRES APF- AUTHORIZATION
---------------	---

Explanation

The common interface determined that it did not possess APF authorization.

System action

The common interface terminates with a U0968 abend.

User response

Make sure the common interface load modules reside in an APF-authorized library.

CI0969	Common Interface MUST EXECUTE AS PRIMARY NON-SYSTEM JOB STEP TASK
---------------	--

Explanation

The common interface must run as the primary non-system job step task in the address space. Typically, this requirement is satisfied when the common interface is attached by IEESB605 (started task control) when run as a started task, or by IEFIIC (initiator Interface control) when run as a batch job. The common interface is not designed to run in a TSO environment under the TMP (terminal monitor program).

System action

The common interface terminates.

User response

Contact IBM Software Support.

CI0970	OMEGAMON SUBTASK ABEND CODE=cccccccc PSW=aaaaaaaaaaaaaaaa TCB=bbbbbbbb
---------------	---

Explanation

A subtask of the common interface abended. This message displays the abend code, the PSW at time of abend, and the address of the abending task's TCB display.

System action

The subtask produces a system termination dump.

User response

Contact IBM Software Support.

CI0971 **PROGRAM NAME=ccccccc**

Explanation

This message follows CI0970 when a subtask abend occurs, and identifies the program that was given control when the subtask was started.

System action

The subtask abnormally terminates.

User response

Restart the failing subtask.

CI0985 **SUBTASK ID=XXXXXXXX**
FORCIBLY DETACHED

Explanation

A common interface module (KOBICRT0) detected that a subtask of the common interface was detached by its mother task while the subtask was still active.

System action

None.

User response

This may or may not be an error. If the subtask's mother task was requested to stop, then no error occurred.

CI0995 **Interface A ERROR RECOVERY**
RETRY - ENTER 'GO', 'STOP', OR
'HELP'

Explanation

The common interface has abended and requests a response from the operator.

System action

The Interface restarts or the common interface terminates, depending on the response to the message.

User response

Follow the instructions given in the support appendix, then contact IBM Software Support.

CI0997 **INVALID RETURN FROM**
TERMINATION CALL

Explanation

Internal error. This message should be accompanied by abend U997.

System action

The common interface abnormally terminates.

User response

Follow the instructions given in the support appendix, then contact IBM Software Support.

CI0998 **UNABLE TO LOCATE RECOVERY**
HEADER

Explanation

Internal error. This message should be accompanied by abend U998.

System action

The common interface abnormally terminates.

User response

Follow the instructions given in the support appendix, then contact IBM Software Support.

CI0999 **LOAD OF OBCIGL FAILED**

Explanation

The common interface was unable to load the global address space vector table service routine.

System action

The common interface terminates.

User response

Make sure OBCIGL is in a load library accessible to the common interface.

CND messages

Messages that begin with the CND prefix are associated with OMEGAMON Base components.

CNDL001I **OMEGAMON SUBSYSTEM V999”**
INITIALIZATION - SSID = cccc

Explanation

OMEGAMON Subsystem address space initialization processing has begun. The subsystem version number is “999”, and the z/OS subsystem identifier is cccc.

System action

OMEGAMON Subsystem processing continues.

User response

None. This message is informational only.

CNDL002I **OMEGAMON SUBSYSTEM V999**
TERMINATED - SSID = cccc

Explanation

OMEGAMON Subsystem address space termination processing has completed. The subsystem version number is “999”, and the z/OS subsystem identifier is cccc.

System action

The OMEGAMON Subsystem address space terminates.

User response

None. This message is informational only.

CNDL003A **OMEGAMON SUBSYSTEM**
INITIALIZATION FAILED - REGION
TOO SMALL

Explanation

The OMEGAMON Subsystem address space could not obtain enough private-area storage to complete initialization.

System action

The OMEGAMON Subsystem address space terminates.

User response

Increase the REGION specification included in the address space start-up JCL.

CNDL004A **OMEGAMON SUBSYSTEM**
REQUIRES APF AUTHORIZATION

Explanation

The OMEGAMON Subsystem address space must execute from an APF-authorized library.

System action

The OMEGAMON Subsystem address space terminates.

User response

APF-authorize the OMEGAMON Subsystem’s load library.

CNDL005A **OMEGAMON SUBSYSTEM**
RECEIVED CONTROL IN AN
AUTHORIZED KEY

Explanation

The OMEGAMON Subsystem address space received control in execution key 0–7. The Subsystem must be installed to receive control in a non-authorized key. Only APF-authorization is required.

System action

The OMEGAMON Subsystem address space terminates.

User response

Use the correct procedure to install the OMEGAMON Subsystem.

CNDL006A **ccccccc KEYWORD VALUE**
INVALID

Explanation

The value of the ccccccc keyword is not valid.

System action

The request associated with the keyword is rejected. The nature of the request determines the action taken. For example, if a OMEGAMON Subsystem start parameter is found in error, the Subsystem address space terminates. If an operator command keyword is in error, the command is rejected.

User response

Correct the keyword specification.

CNDL007A **ccccccc KEYWORD OCCURS
MULTIPLE TIMES**

Explanation

The ccccccc keyword occurs multiple times in a single Subsystem request.

System action

The request associated with the keyword is rejected. The nature of the request determines the action taken. For example, if a OMEGAMON Subsystem start parameter is found multiple times, the Subsystem address space terminates. If an operator command keyword is found multiple times, the command is rejected.

User response

Correct the keyword specification.

CNDL009I **SSCVT CHAIN ENTRY INVALID -
ADDRESS X'xxxxxxxx'**

Explanation

The SSCVT chain entry at storage location X'xxxxxxxx' is not formatted correctly. During initialization, the OMEGAMON Subsystem found the invalid entry while looking for its own SSCVT entry. The Subsystem cannot complete initializing without its SSCVT entry.

System action

The OMEGAMON Subsystem address space terminates.

User response

Correct the cause of the SSCVT entry formatting error and correct the entry.

CNDL010A **OMEGAMON SUBSYSTEM IS NOT
DEFINED - SSID = cccc**

Explanation

The OMEGAMON Subsystem identifier cccc has not been defined as an z/OS subsystem. The identifier must be defined to z/OS during Subsystem installation. A system IPL is required before the new definition becomes effective.

System action

The OMEGAMON Subsystem address space terminates.

User response

Review the OMEGAMON Subsystem installation procedures. Verify that subsystem definition statements have been added to the appropriate IEFSSNcc member in SYS1.PARMLIB.

CNDL013I **OMEGAMON SUBSYSTEM
INITIALIZED WITH
"RESTART=FORCE"**

Explanation

The OMEGAMON Subsystem address space start parameter included the keyword RESTART=FORCE. This keyword causes Subsystem initialization to continue even if another OMEGAMON Subsystem address space is active. RESTART=FORCE should not be used unless repeated attempts to start the Subsystem result in message CNDL018I and it is known that no other OMEGAMON Subsystem address space is active.

System action

The OMEGAMON Subsystem address space remains active.

User response

None. This message is informational only.

CNDL014A **SUBSYSTEM INITIALIZATION
MODULE KCNDLINT DID NOT RUN
SUCCESSFULLY**

Explanation

OMEGAMON Subsystem initialization module KCNDLINT did not run successfully during the system IPL.

System action

The OMEGAMON Subsystem address space terminates.

User response

An IPL is needed to complete the installation of the OMEGAMON Subsystem. If an IPL was done, check the SYSLOG for messages to determine why KCNDLINT did not execute. Make sure you complete all OMEGAMON Subsystem installation steps and perform an IPL

before starting the OMEGAMON Subsystem address space.

CNDL018I **OMEGAMON SUBSYSTEM**
ALREADY ACTIVE - nnnnnnnn iiiiii

Explanation

The address space producing this message has determined that the OMEGAMON Subsystem address space is already active. The name of the already-active address space is *nnnnnnnn*; its address space identifier is *iiiiiii*.

System action

The address space producing this message terminates.

User response

None. This message is informational only.

CNDL019W **CONDITIONAL STORAGE REQUEST**
FAILED - cccccccc

Explanation

The Subsystem has attempted and failed to obtain private-area storage. The name of the requesting routine is *cccccccc*.

System action

The OMEGAMON Subsystem address space remains active.

User response

No immediate action is necessary. However, other messages requiring specific action may appear as a result of the failed storage request. If this message appears frequently, it may be necessary to increase the value of the REGION parameter for the Subsystem address space.

CNDL020A **START PARAMETER STRING**
SYNTAX ERROR

Explanation

The syntax of the parameter string passed to the Subsystem during initialization is in error.

System action

The OMEGAMON Subsystem address space terminates.

User response

Correct the parameter string error and restart the Subsystem address space.

CNDL021I **RKANPAR FILE OPEN ERROR - RC**
= X'xxxxxxxx'.

Explanation

The RKANPAR file failed to open. The error code returned by IBM OPEN processing was *X'xxxxxxxx'*.

System action

The OMEGAMON Subsystem address space remains active. Depending on the severity of the error, additional Subsystem messages may appear.

User response

Check the console for any additional Subsystem or IBM-component messages. If the error's cause cannot be determined, contact IBM Software Support.

CNDL022I **RKANPAR FILE FAILED TO OPEN**

Explanation

The RKANPAR file failed to open. There was no error code returned by IBM OPEN processing.

System action

The OMEGAMON Subsystem address space remains active. Depending on the severity of the error, additional Subsystem messages may appear.

User response

Check the console for any additional Subsystem or IBM-component messages. If the cause of the error cannot be determined, contact IBM Software Support.

CNDL024I **cccccccc MEMBER mmmmmmmm**
NOT FOUND

Explanation

The *mmmmmmm* partitioned data set member could not be found. The ddname associated with the partitioned data set is *cccccccc*.

System action

The OMEGAMON Subsystem address space remains active.

User response

Verify that the partitioned data set member name was specified correctly and retry the Subsystem request.

CNDL027I FUNCTION ccccccc STARTED

Explanation

Function ccccccc has been started by the Subsystem. The function is now available for use by other IBM Tivoli products.

System action

The OMEGAMON Subsystem address space remains active.

User response

None. This message is informational only.

CNDL030I FUNCTION ccccccc STOPPED

Explanation

Function ccccccc has been stopped by a user request. The function is no longer available for use by other IBM Tivoli products.

System action

The OMEGAMON Subsystem address space remains active.

User response

None. This message is informational only.

**CNDL032I FUNCTION ccccccc STOPPED BY
THE SUBSYSTEM**

Explanation

Function ccccccc has been stopped by the Subsystem. The function is no longer available for use by other IBM Tivoli products. The Subsystem has stopped the function as a result of an error or Subsystem address space termination.

System action

The OMEGAMON Subsystem address space remains active.

User response

None. This message is informational only.

**CNDL034I SUBSYSTEM START MEMBER
cccccccc**

Explanation

RKANPAR member ccccccc was used as the Subsystem initialization member during Subsystem start-up.

System action

The OMEGAMON Subsystem address space remains active.

User response

None. This message is informational only.

CNDL100I I/O SERVICES NOT AVAILABLE

Explanation

An error has occurred causing the termination of the dynamic I/O configuration subsystem. This message should be accompanied by another message explaining the error.

System action

The routine terminates.

User response

Follow the response for the accompanying message. Contact IBM Software Support if necessary.

**CNDL101A UNABLE TO OBTAIN PRIVATE
STORAGE, DYNAMIC I/O
SERVICES NOT AVAILABLE**

Explanation

The dynamic I/O configuration monitor initialization routine was unable to obtain private area storage for its work area.

System action

The routine terminates without initializing dynamic I/O monitoring.

User response

Contact IBM Software Support.

**CNDL102A DSPSERV RC = X'xx' REASON
CODE = yyyyyyyy**

Explanation

The dynamic I/O configuration monitor initialization routine was unable to create a SCOPE=COMMON dataspace for its use. The return code from the DSPSERV macro invocation was X'xx', the reason code was yyyyyyyy.

System action

The routine terminates without initializing dynamic I/O monitoring.

User response

Check the return codes for the DSPSERV macro create function to determine if the failure was due to an installation option. If not, contact IBM Software Support.

CNDL103A ALESERV RC = X'xx'

Explanation

The dynamic I/O configuration monitor initialization routine was unable to add an entry for a SCOPE=COMMON data space to all PASN-ALs in the system. The return code from the ALESERV macro invocation was X'xx'.

System action

The routine terminates without initializing dynamic I/O monitoring.

User response

Check the return codes for the ALESERV macro add function to determine if the failure was due to an installation option. If not, contact IBM Software Support.

**CNDL104I SVC DUMP TAKEN FOR DYNAMIC
I/O CONFIGURATION SUBSYSTEM**

Explanation

An abend has occurred and an SVC dump has been successfully produced.

System action

The routine attempts to recover from the abend. If more than one abend has occurred, then the routine will terminate.

User response

Retain the dump. Contact IBM Software Support.

**CNDL105I DYNAMIC I/O CONFIGURATION
UNABLE TO OBTAIN CSA STORAGE**

Explanation

An attempt to obtain CSA failed.

System action

The dynamic I/O configuration monitor will function without I/O configuration change exits.

User response

Contact IBM Software Support.

**CNDL106W UNABLE TO INSTALL I/O
RECONFIGURATION COMPLETION
EXIT, RC=X'xx'**

Explanation

An attempt to install an I/O reconfiguration completion exit failed with return code X'xx'.

System action

The dynamic I/O configuration monitor will function without the I/O configuration completion exit.

User response

Contact IBM Software Support.

**CNDL107W UNABLE TO INSTALL I/O
RECONFIGURATION REQUEST
EXIT, RC=X'xx'**

Explanation

An attempt to install an I/O reconfiguration request exit failed with return code X'xx'.

System action

The dynamic I/O configuration monitor will function without the I/O configuration request exit.

User response

Contact IBM Software Support.

**CNDL108A UNABLE TO BUILD UCB TABLE, RC
= X'xx'**

Explanation

An attempt to build a table of UCB addresses failed with return code X'xx'.

System action

The dynamic I/O configuration monitor will terminate.

User response

Contact IBM Software Support.

CNDL109A UCBSCAN RETURN CODE = X'xx'

Explanation

An invocation of the UCBSCAN macro service failed with return code X'xx'.

System action

The dynamic I/O configuration monitor will terminate.

User response

Contact IBM Software Support.

**CNDL110A UCB TABLE REBUILD FAILED
WITH RC = X'xx'**

Explanation

An attempt to rebuild the UCB address table failed with return code X'xx'.

System action

The dynamic I/O configuration monitor will terminate.

User response

Contact IBM Software Support.

**CNDL150A UNABLE TO OBTAIN STORAGE,
DYNAMIC I/O RECONFIGURATION
EXIT INOPERATIVE**

Explanation

An I/O reconfiguration exit attempted to obtain private storage and failed.

System action

The dynamic I/O configuration exit terminates.

User response

Contact IBM Software Support.

**CNDL151A INVALID ALET, UNABLE TO
ACCESS DATA SPACE, DYNAMIC
I/O RECONFIGURATION EXIT
INOPERATIVE**

Explanation

The ALET for the SCOPE=COMMON data space has been found to be invalid.

System action

The dynamic I/O configuration exit terminates.

User response

Contact IBM Software Support.

**CNDL152A INVALID DATA SPACE, DYNAMIC
I/O RECONFIGURATION EXIT
INOPERATIVE**

Explanation

The ALET for the SCOPE=COMMON data space has accessed a data space that can not be validated.

System action

The dynamic I/O configuration exit terminates.

User response

Contact IBM Software Support.

**CNDL153A UNEXPECTED FUNCTION
ENCOUNTERED BY I/O REQUEST
EXIT**

Explanation

The dynamic I/O configuration request exit has encountered an unknown function code.

System action

The dynamic I/O configuration exit terminates.

User response

Contact IBM Software Support.

**CNDL154A I/O aaaaaaaaaa EXIT UNABLE
TO ACCESS DATA SPACE IN
RECOVERY ROUTINE.**

Explanation

An abend has caused entry to the recovery routine, and the data space cannot be accessed to notify potential users that the exit has abended. aaaaaaaaaa identifies the exit as either request or completion.

System action

The dynamic I/O configuration exit terminates.

User response

Contact IBM Software Support.

CNDL155A **I/O aaaaaaaaa EXIT ALET
INVALID**

Explanation

An abend has caused entry to the recovery routine and the data space cannot be accessed to notify potential users that the exit has abended due to an invalid ALET. *aaaaaaaa* identifies the exit as either request or completion.

System action

The dynamic I/O configuration exit terminates.

User response

Contact IBM Software Support.

CNDL156A **I/O aaaaaaaaa EXIT UNABLE
TO ACCESS WORK AREA IN
RECOVERY ROUTINE**

Explanation

An abend has caused entry to the recovery routine and the exit work area cannot be accessed. *aaaaaaaa* identifies the exit as either request or completion.

System action

The dynamic I/O configuration exit terminates.

User response

Contact IBM Software Support.

CNDL157I **SVC DUMP TAKEN FOR I/O
aaaaaaaaa ROUTINE**

Explanation

An abend has caused entry to the recovery routine and an SVC dump was produced. *aaaaaaaa* identifies the exit as either request or completion.

System action

The dynamic I/O configuration exit terminates.

User response

Retain the SVC dump. Contact IBM Software Support.

CNDL175W **UNABLE TO OBTAIN
PRIVATE STORAGE, SUBSYSTEM
INITIALIZATION ROUTINE
TERMINATING**

Explanation

OMEGAMON Subsystem initialization routine KCNDLINT cannot obtain working storage.

System action

The routine terminates without performing any functions.

User response

Contact IBM Software Support.

CNDL176W **UNABLE TO ESTABLISH
RECOVERY, SUBSYSTEM
INITIALIZATION ROUTINE
TERMINATING**

Explanation

OMEGAMON Subsystem initialization routine KCNDLINT cannot establish a recovery environment.

System action

The routine terminates without performing any functions.

User response

Contact IBM Software Support.

CNDL177W **aaaa SUBSYSTEM UNABLE TO
OBTAIN ECSA STORAGE RC=X'xx'**

Explanation

OMEGAMON Subsystem initialization routine KCNDLINT cannot obtain ECSA storage for subsystem *aaaa*.

aaaa
name of the subsystem

X'xx'
return code from the STORAGE macro

System action

The routine terminates without obtaining or formatting the control block anchor for the OMEGAMON Subsystem.

User response

If you cannot address the problem indicated by the return code, contact IBM Software Support.

CNDL178W **aaaa SUBSYSTEM UNABLE TO START ADDRESS SPACE bbbbbbbb, RETURN DATA = xxyy**

Explanation

The OMEGAMON Subsystem initialization routine KCNDLINT failed to start the subsystem address space.

aaaa

name of the subsystem

bbbbbbbb

name of the procedure specified by the SSPROC keyword

X'xx'

return code from the ASCRE macro

yy

reason code from the ASCRE macro

System action

The routine terminates without starting the subsystem address space.

User response

If the return information does not indicate an installation addressable problem, contact IBM Software Support.

CNDL179A **INVALID PARAMETER STRING FOR SUBSYSTEM aaaa**

Explanation

The OMEGAMON Subsystem initialization routine KCNDLINT found a syntax error in the parameter string passed to it using the IEFSSNcc member of SYS1.PARMLIB. *aaaa* is the name of the subsystem.

System action

The routine terminates without starting the subsystem address space.

User response

Correct the parameter string in the appropriate IEFSSNcc member of SYS1.PARMLIB.

CNDL180A **aaaa SUBSYSTEM INPUT PARAMETER bbbbbbbb OCCURS MULTIPLE TIMES**

Explanation

The OMEGAMON Subsystem initialization routine KCNDLINT found a keyword parameter to have been entered more than once in the input parameters obtained from the IEFSSNcc member of SYS1.PARMLIB.

aaaa

name of the subsystem.

bbbbbbbb

keyword parameter occurring multiple times.

System action

The routine terminates without starting the subsystem address space.

User response

Correct the parameter string in the appropriate IEFSSNcc member of SYS1.PARMLIB.

CNDL181I **SVC DUMP TAKEN FOR OMEGAMON SUBSYSTEM aaaa**

Explanation

The OMEGAMON Subsystem initialization routine KCNDLINT abended and an SVC dump was produced to gather diagnostic information. *aaaa* is the name of the subsystem.

System action

The routine terminates.

User response

Retain the dump and contact IBM Software Support.

CNDL182A **OMEGAMON SUBSYSTEM aaaa, VALUE FOR KEYWORD SSPROC IS INVALID**

Explanation

The OMEGAMON Subsystem initialization routine KCNDLINT has determined that the value coded for keyword SSPROC in the IEFSSNcc member of

SYS1.PARMLIB is invalid. *aaaa* is the name of the subsystem.

System action

The routine terminates without attempting to start the OMEGAMON Subsystem address space.

User response

Start the subsystem address space manually, or correct the appropriate member of SYS1.PARMLIB and re-IPL.

CNDL183A **OMEGAMON SUBSYSTEM *aaaa*,
VALUE FOR RKANPAR KEYWORD
MUST BE 2 BYTES LONG**

Explanation

OMEGAMON Subsystem initialization routine KCNDLINT has determined that the value coded for keyword RKANPAR in the IEFSSNcc member of SYS1.PARMLIB is not 2 bytes long. *aaaa* is the name of the subsystem.

System action

The routine terminates without attempting to start the OMEGAMON Subsystem address space.

User response

Start the subsystem address space manually, or correct the appropriate member of SYS1.PARMLIB and re-IPL.

CNDL184I **OMEGAMON SUBSYSTEM *aaaa*
INITIALIZATION ROUTINE
COMPLETED**

Explanation

The initialization routine specified in the IEFSSNcc member of SYS1.PARMLIB for subsystem *aaaa* has completed successfully. *aaaa* is the name of the subsystem.

System action

The routine has successfully completed without error.

CS and CT messages

Messages that begin with the CS and CT prefixes are associated with OMEGAMON Base components, especially the CSA Analyzer subsystem.

CS075 **UNABLE TO ESTABLISH VIRTUAL
SESSION FOR *sid*. MAKE SURE
THE SPECIFIED APPLICATION**

User response

None. This message is informational only.

CNDL185I **OMEGAMON SUBSYSTEM *aaaa*
INITIALIZATION ROUTINE
RECOVERY SUCCESSFUL**

Explanation

The initialization routine specified in the IEFSSNcc member of SYS1.PARMLIB for subsystem *aaaa* has successfully recovered from an abend. *aaaa* is the name of the subsystem.

System action

The initialization routine terminates cleanly and returns control to the system.

User response

None. This message is informational only. However, there should be other messages which will require action.

CNDL189W **SUBSYSTEM ADDRESS SPACE
INITIALIZATION ROUTINE
VALIDATION FAILURE**

Explanation

The OMEGAMON Subsystem routine that runs during OMEGAMON Subsystem address space initialization did not complete successfully.

System action

The OMEGAMON Subsystem address space continues processing; however, the console operator command D A,L will not display the Subsystem address space as an active job on the system. To display the job, you must use the command D A,sssssss, where ssssssss is the name of the subsystem started task.

User response

Gather SYSLOG and possible SVC dump information, and contact IBM Software Support.

**IS AVAILABLE AND A VALID
LOGMODE IS BEING USED.**

Explanation

An attempt was made to establish a session using the identified session ID, but the attempt failed.

System action

None.

User response

Follow the message instructions.

CSAA000I	CSAA SUBSYSTEM INITIALIZATION IN PROGRESS
-----------------	--

Explanation

The CSA Analyzer (CSAA) subsystem initialization started.

System action

Initialization processing continues.

User response

None.

CSAA001I	CSAA SUBSYSTEM INITIALIZATION COMPLETED SUCCESSFULLY
-----------------	---

Explanation

The CSAA subsystem initialization processing completed successfully.

System action

The CSAA subsystem is ready to capture and report common storage usage.

User response

None.

CSAA100E	CSAA SUBSYSTEM ALREADY RUNNING
-----------------	---

Explanation

The CSAA subsystem was already running when this CSAA subsystem address space tried to initialize. Only one CSAA subsystem address space can be active at a time.

System action

The second CSAA subsystem address space terminates.

User response

Stop the CSAA subsystem before starting another CSAA subsystem.

CSAA200E	PREMATURE END OF INPUT PARAMETERS
-----------------	--

Explanation

The input parameters for the CSAA subsystem ended before expected.

System action

The CSAA subsystem terminates.

User response

Check the input parameters for proper syntax.

CSAA210E	INPUT PARAMETER SYNTAX ERROR AT POSITION xx
-----------------	--

Explanation

CSAA detected an error at the specified position of the input parameter.

System action

The CSAA subsystem terminates.

User response

Check the input parameters for proper syntax.

CSAA299E	CSAA SUBSYSTEM TERMINATING DUE TO PARAMETER ERROR.
-----------------	---

Explanation

CSAA detected an error in the input parameter.

System action

The CSAA subsystem terminates.

User response

Check the input parameters for proper syntax; then restart the CSAA subsystem.

CSAA300E	UNABLE TO LOAD CSAA MODULE ccccccc, ABEND=xxxx RC=yyyy
-----------------	---

Explanation

The CSA Analyzer™ could not load the specified CSAA module ccccccc into virtual storage.

System action

The CSAA subsystem terminates.

User response

Ensure that the CSA Analyzer can access the CSAA load modules through LPALST, LINKLST, JOBLIB or STEPLIB concatenation.

CSAA320E	UNABLE TO ATTACH CONSOLE COMMUNICATION TASK
-----------------	--

Explanation

The CSA Analyzer could not attach the console communication subtask.

System action

The CSAA subsystem terminates.

User response

Ensure that the CSA Analyzer can access the KCSCOMM load module through LPALST, LINKLST, JOBLIB or STEPLIB concatenation.

CSAA330E	UNABLE TO ATTACH SYSTEM TREND TASK
-----------------	---

Explanation

The CSA Analyzer could not attach the system trend subtask.

System action

The CSAA subsystem terminates.

User response

Ensure that the CSA Analyzer can access the KCSSTRN load module through LPALST, LINKLST, JOBLIB or STEPLIB concatenation.

CSAA340E	UNABLE TO START JOB TREND TIMER
-----------------	--

Explanation

The CSA Analyzer could not start the job trend timer.

System action

The CSAA subsystem terminates.

User response

Call IBM Software Support.

CSAA341E	JOB TREND PROCESSING ERROR
-----------------	-----------------------------------

Explanation

Job trend processing routine encountered an error.

System action

The CSAA subsystem terminates.

User response

Call IBM Software Support.

CSAA350E	UNABLE TO START ORPHAN PROCESSING TIMER
-----------------	--

Explanation

The orphan processing routine timer could not be started.

System action

The CSAA subsystem terminates.

User response

Call IBM Software Support.

CSAA351E	ORPHAN PROCESSING ERROR
-----------------	--------------------------------

Explanation

Orphan processing routine encountered an error.

System action

The CSAA subsystem terminates.

User response

Call IBM Software Support.

CSAA352E	UPDATE PROCESSING ERROR; CSAA SUBSYSTEM SUSPENDED
-----------------	--

Explanation

The CSA Analyzer has experienced an error while processing.

System action

The CSAA subsystem is suspended from collecting new data and a system dump is produced.

User response

Save the system dump and SYSLOG and contact IBM Software Support for assistance.

CSAA399E UNABLE TO LOCATE AND/OR LOAD ALL MODULES

Explanation

During CSAA initialization, the CSA Analyzer could not locate or load one or more CSAA load modules into virtual storage.

System action

The CSAA subsystem terminates.

User response

Ensure that the CSA Analyzer can access the CSAA load modules through LPALST, LINKLST, JOBLIB or STEPLIB concatenation.

CSAA700E SSCVT CHAIN IS INVALID, UNABLE TO ADD CSAA SSCVT

Explanation

The CSA Analyzer encountered an error while trying to add the CSAA SSCVT dynamically to the SSCVT chain.

System action

The CSAA subsystem terminates.

User response

Define the CSAA subsystem in the SYS1.PARMLIB(IEFSSNxx) and IPL the system.

CSAA710E UNABLE TO ESTABLISH ERROR RECOVERY ENVIRONMENT

Explanation

The CSA Analyzer could not establish the CSAA subsystem error recovery environment.

System action

The CSAA subsystem terminates.

User response

Call IBM Software Support.

CSAA720E UNABLE TO INSTALL THE EXTRACTOR

Explanation

The CSA Analyzer could not install its extraction routine.

System action

The CSAA subsystem terminates.

User response

The CSA Analyzer cannot co-exist with some common storage monitors from other vendors. Call IBM Software Support.

CSAA730E CSAA EXTRACTOR IN ERROR, EXTRACTOR REMOVED

Explanation

The CSAA data extraction routine encountered an error. The CSA Analyzer removes the extraction routine from the system.

System action

The CSAA subsystem terminates.

User response

Call IBM Software Support.

CSAA740E UNABLE TO LOCATE THE DATA BUFFER

Explanation

The CSA Analyzer could not locate the CSAA extraction routine's data buffer.

System action

The CSAA subsystem terminates.

User response

Call IBM Software Support.

CSAA800E UNABLE TO OBTAIN FIXED ECSA STORAGE FOR SSCVT

Explanation

The CSA Analyzer could not obtain storage for the CSAA SSCVT from extended CSA.

System action

The CSAA subsystem terminates.

User response

Check if all of extended CSA is in use. If not call IBM Software Support.

CSAA801E	UNABLE TO OBTAIN FIXED ECSA STORAGE FOR CSAVT
-----------------	--

Explanation

The CSA Analyzer could not obtain storage for the CSAA vector table from extended CSA.

System action

The CSAA subsystem terminates.

User response

Check if all of extended CSA is in use. If not call IBM Software Support.

CSAA802E	UNABLE TO OBTAIN FIXED ECSA STORAGE FOR CACHE BUFFER
-----------------	---

Explanation

The CSA Analyzer could not obtain storage for the cache buffer from extended CSA.

System action

The CSAA subsystem terminates.

User response

Check if all of extended CSA is in use. If not call IBM Software Support.

CSAA804E	UNABLE TO OBTAIN FIXED ECSA STORAGE FOR DATA BUFFER
-----------------	--

Explanation

The CSA Analyzer could not obtain storage for the data buffer from extended CSA.

System action

The CSAA subsystem terminates.

User response

Check if all of extended CSA is in use. If not call IBM Software Support.

CSAA805E	UNABLE TO OBTAIN ESQA STORAGE FOR SRB
-----------------	--

Explanation

The CSA Analyzer was unable to obtain storage for an SRB.

System action

The CSAA subsystem terminates.

User response

Call IBM Software Support.

CSAA810E	UNABLE TO OBTAIN PAGABLE ECSA STORAGE
-----------------	--

Explanation

The CSA Analyzer could not obtain storage for the CSAA data areas from extended CSA.

System action

The CSAA subsystem terminates.

User response

Check if all of extended CSA is in use. If not call IBM Software Support.

CSAA811E	UNABLE TO OBTAIN DATA ELEMENT STORAGE IN PAGABLE ECSA
-----------------	--

Explanation

The CSA Analyzer could not obtain storage for the data elements from extended CSA.

System action

The CSAA subsystem terminates.

User response

Increase the value for the PAGE= parameter. If the problem persists, call IBM Software Support.

CSAA820E	UNABLE TO OBTAIN EXTENDED PRIVATE STORAGE
-----------------	--

Explanation

The CSA Analyzer could not obtain extended private storage.

System action

The CSAA subsystem terminates.

User response

Increase the region size for the CSAA address space. If the problem persists, call IBM Software Support.

CSAA850I **MONITORING ACTIVE FOR *aaa/aaaa***

Explanation

The CSA Analyzer found that the z/OS Common Storage Tracking function has been enabled and monitoring is now active for the indicated Common Storage Areas. The possible values for *aaa/aaaa* are

- CSA/ECSA - Common Service Area and Extended Common Service Area
- SQA/ESQA - System Queue Area and Extended System Queue Area

System action

The CSAA subsystem is available to report on common storage usage.

User response

None.

CSAA851I **MONITORING INACTIVE FOR *aaa/aaaa***

Explanation

The CSA Analyzer found that the z/OS Common Storage Tracking function has been disabled and common storage usage information is unavailable for the indicated Common Storage Areas. The possible values for *aaa/aaaa* are:

- CSA/ECSA - Common Service Area and Extended Common Service Area
- SQA/ESQA - System Queue Area and Extended System Queue Area

System action

The indicated common storage area will not be reported on.

User response

Enable the z/OS Common Storage Tracking function. See the *z/OS MVS Initialization and Tuning Reference* for further information on enabling the VSM Storage Tracking function.

CSAA852I **PROGRAM - *pppppppp* VERSION
- *vvvvvvvv* MAINTENANCE -
*mmmmmmmm***

Explanation

The CSAA program *pppppppp* is at version *vvvvvvvv*. The current maintenance level is *mmmmmmmm*.

System action

This diagnostic message may be issued with other CSAA messages.

User response

See other CSAA messages for further information. This diagnostic message may provide useful information in determining current maintenance level.

CSAA860E **MVS™ COMMON STORAGE
TRACKING LEVEL NOT
SUPPORTED - *nnnn***

Explanation

The CSA Analyzer found that the z/OS Common Storage Tracking function is at LEVEL *nnnn*, a level that is not supported due to maintenance or release level. The z/OS Common Storage Tracking function is at LEVEL *nnnn*. All common storage usage information is unavailable.

System action

The CSAA subsystem address space terminates.

User response

Contact IBM Software Support.

CSAA861E **FAILURE DETECTED IN MVS
COMMON STORAGE TRACKING**

Explanation

The CSA Analyzer found that the z/OS Common Storage Tracking function has been disabled due to internal problems with the IBM virtual storage management component. All common storage usage information is unavailable.

System action

The CSAA subsystem address space terminates.

User response

Contact your system programmer. If an SVC dump was produced by the CSAA address space, this may provide additional diagnostics for IBM support personnel.

**CSAA890E USE THE STOP COMMAND
 TO TERMINATE THE CSAA
 SUBSYSTEM**

Explanation

The CSA Analyzer has experienced an error, described by a previous message. The z/OS STOP command should be issued to stop the CSAA address space.

System action

The CSAA subsystem is suspended from collecting new data.

User response

Examine the CSAA message which appears before this message in the SYSLOG; it will describe the reason the CSAA has been suspended. OMEGAMON commands may be used before the CSAA is stopped to examine the current CSAA data. The z/OS STOP command should then be issued to stop the CSAA address space. The z/OS START command can then be issued to restart the CSAA address space.

**CSAA899E CSAA SUBSYSTEM TERMINATED
 DUE TO INSUFFICIENT STORAGE**

Explanation

The CSA Analyzer could not obtain the storage required by the CSAA subsystem. The accompanying CSAA8xxE message identifies the type of storage that could not be obtained.

System action

The CSAA subsystem terminated.

User response

Follow the directions in the accompanying CSAA8xxE messages.

**CSAA900E CSAA SUBSYSTEM VERSION DOES
 NOT MATCH KCSEXTR VERSION**

Explanation

The CSAA subsystem version does not match the initialization routine version.

System action

The CSAA subsystem terminates.

User response

Ensure that all CSAA load modules are of the same version. Check the LPALST and LINKLST concatenation for duplicate modules. If the problem cannot be resolved, call IBM Software Support.

**CSAA901E CSAA SUBSYSTEM VERSION DOES
 NOT MATCH KCSEXTR VERSION**

Explanation

The CSAA subsystem version does not match the extraction routine version.

System action

The CSAA subsystem terminates.

User response

Ensure that all CSAA load modules are of the same version. Check the LPALST and LINKLST concatenation for duplicate modules. If the problem cannot be resolved, call IBM Software Support.

**CSAA902E CSAA SUBSYSTEM VERSION DOES
 NOT MATCH KCSMGR VERSION**

Explanation

The CSAA subsystem version does not match the CSAA manager version.

System action

The CSAA subsystem terminates.

User response

Ensure that all CSAA load modules are of the same version. Check the LPALST and LINKLST concatenation for duplicate modules. If the problem can not be resolved, call IBM Software Support

**CSAA997E CSAA SUBSYSTEM ABNORMAL
 TERMINATION**

Explanation

The CSAA subsystem encountered an error and terminates abnormally.

System action

The CSAA subsystem terminates.

User response

Call IBM Software Support.

CSAA998I CSAA STOP COMMAND ACCEPTED

Explanation

The CSAA subsystem accepted the stop command.

System action

The CSAA subsystem terminates.

User response

None.

CSAA999I CSAA SUBSYSTEM TERMINATION IN PROGRESS

ETE messages

Messages that begin with the ETE prefix are associated with the End-to-End (ETE) response time monitor component used by some OMEGAMON monitoring agents.

ETE0001 COMMAND NOT RECOGNIZED

Explanation

ETE recognized the ETE command, but the argument following the command was not valid.

System action

The command is not processed.

User response

Enter the ETE command followed by a valid ETE command argument.

ETE0002 ETE Vvvvrr #nn LOADLIB=loadlib

Explanation

This is a header line for the command output, identifying the ETE version, where:

vvv

Is the version number (for example, Version 620).

Explanation

The CSAA subsystem is terminating.

System action

The CSAA subsystem terminates.

User response

None.

CT003 ACCESS FAILED FOR TABLE *tablename*. THE TABLE WAS NOT OPEN

Explanation

An attempt was made to access a table before the table was opened.

System action

The table is not processed

User response

Call IBM Software Support.

rr

Is a release identifier for versions that have more than one release (for example, ETE101R2).

nn

Defaults to 0.

loadlib

Specifies the load library from which the ETE modules were loaded.

System action

None.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

ETE0003 COMPLETE

Explanation

This is a trailer line for the command output, indicating that ETE completed the processing of the command. Note that the command output lines sometimes appear on the z/OS system log in a different order than ETE generated them. Even though this message is the last one produced by the ETE subsystem in processing the command, other lines from the command output may appear after it on the log.

System action

None.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

ETE0004 SUBSYSTEM INACTIVE

Explanation

ETE is inactive as a result of an ETE QUIESCE command. Since most of ETE's storage was freed, most commands cannot be meaningfully processed.

System action

The command is not processed.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

**ETE0005 COLLECTOR TRACE CAPTURE
 INSTALL FAILURE**

Explanation

The installation of the ETE capture facility subtask which supports the ETE response time collector's diagnostic trace function failed.

System action

ETE subsystem initialization continues.

User response

None. This is an informational message and does not require further action. Typically, this type of

message clarifies some aspect of system behavior during normal operations.

**ETE0010 OMEGAMON SCHEDULED CSA
 DUMP IN PROGRESS**

Explanation

The ETE dump was started.

System action

An SVC DUMP initiated.

User response

Wait for the dump to complete.

**ETE0011 OMEGAMON SCHEDULED CSA
 DUMP COMPLETE**

Explanation

The ETE dump completed.

System action

The SVC DUMP for the ETE subsystem storage completed.

User response

Make a tape copy of the ETE dump from the SYS1.DUMPnn data set and contact IBM Software Support.

ETE0013 VERBOSE MODE IS ALREADY ON

Explanation

VERBOSE mode is already in effect; the VERBOSE argument of the ETE command that was entered is discarded.

System action

None.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

ETE00014 VERBOSE MODE IN EFFECT

Explanation

VERBOSE mode is now in effect.

System action

ETE sends additional Application Program Interface (API) request messages and status to the system console.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

ETE0015 VERBOSE MODE IS NOT ON

Explanation

VERBOSE mode is not in effect; the NONVERBOSE argument of the ETE command that was entered is discarded.

System action

None.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

ETE0016 VERBOSE MODE IS OFF

Explanation

VERBOSE mode was turned off.

System action

ETE operates in normal API mode.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

ETE0017 COMMAND BUFFER COULD NOT BE ACQUIRED

Explanation

A buffer in which to format an MVS MODIFY command to the ETE address space to start the ETE diagnostic trace was not acquired.

System action

The ETE diagnostic trace is not started.

User response

Increase the REGION= parameter on the EXEC JCL statement of the ETE address space JCL procedure. Then terminate and restart ETE with the larger region.

ETE0018 ETE ADDRESS SPACE IS NOT EXECUTING

Explanation

The MVS MODIFY command to the ETE address space to start the ETE diagnostic trace was not submitted because the ETE address space was not executing.

System action

The ETE diagnostic trace is not started.

User response

Restart the ETE address space. If the ETE address space abended, ensure that a dump was obtained by including a SYSMDUMP DD statement in the ETE address space JCL procedure before calling IBM Software Support.

ETE0019 ADHT GETMAIN FAILURE

Explanation

A GETMAIN for common storage above 16M failed.

System action

ETE address space and subsystem initialization is aborted.

User response

Contact IBM Software Support.

ETE0030 VERSION ## CMD PREF STATUS INST TYPE

Explanation

This is a header line for the ETE0031 messages that follow.

System action

None.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

ETE0031 *Vvvvnn ETEaaabb status type*

Explanation

This is a detail line showing ETE system information. This message repeats for each ETE subsystem installed in the z/OS operating environment. For each system, it shows the follows:

vvv

Version number.

nn

Unique identifier (defaults to 0).

aaabb

Command suffix.

status

Status, which is one of the following:

- **ACTIVE:** ETE either currently has users or was installed statically.
- **INACTIVE:** ETE currently has no users and has become dormant, freeing almost all storage and using almost no CPU cycles.

type

Install type, which is one of the following:

- **DYNAMIC:** ETE will become inactive when the last user product removes itself as an ETE user.
- **STATIC:** ETE remains active until terminated with the ETE QUIESCE command.

System action

None.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

ETE0040 **JOBNAME ASID TCB TYPE**

Explanation

This is a header line for the ETE0041 messages that follow.

System action

None.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

ETE0041 *job_name asid tcb_address
user_type*

Explanation

This message repeats for each product using the ETE subsystem processing the command. For each product, it shows the following:

- Jobname or started task name
- ASID
- TCB address
- ETE user type (CAPTURE or RSPTIME)

System action

None.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

ETE0042 **NO USERS FOUND**

Explanation

This message is a response to the ETE USERS command and indicates that ETE has no active request for product response time monitoring.

System action

None.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

ETE0050 **REMOVE REQUEST: RETURN
CODE=nn, SENSE CODE=xxxxxxxx**

Explanation

In processing an ETE QUIESCE command, a REMOVE request created the following:

nn

Non-zero return code. See [“ETE return codes and sense codes”](#) on page 573.

xxxxxxx

Sense code. See " REMOVE request error" in [“ETE return codes and sense codes”](#) on page 573.

System action

The ETE quiesce process continues.

User response

Submit a copy of the z/OS system log with this message, and any associated SVC DUMP and LOGREC data, to IBM Software Support.

ETE0051 QUIESCE COMPLETE

Explanation

ETE removes itself from the z/OS operating environment.

System action

None.

User response

Perform the activities that necessitated the removal of ETE from the z/OS operating environment.

ETE0052 QUIESCE ALREADY IN PROCESS

Explanation

An ETE QUIESCE command was received while processing of a prior QUIESCE command was still in progress.

System action

The later ETE QUIESCE command is ignored.

User response

Wait for the initial QUIESCE command to finish.

ETE0060 PRIVATE STORAGE GETMAIN FAILURE (CRWA)

Explanation

A GETMAIN for private area storage above 16M failed.

System action

ETE address space and subsystem initialization is aborted.

User response

Increase the REGION= parameter on the EXEC JCL statement of the ETE address space JCL procedure; then terminate and restart ETE with the larger region.

ETE0061 TCRB MAINTENANCE MODULE LOAD FAILURE

Explanation

The load of the TCRB maintenance module from the ETE address space STEPLIB library failed.

System action

ETE address space and subsystem initialization is aborted.

User response

Consult the z/OS system log for the reason of the load failure.

ETE0062 COMMON STORAGE GETMAIN FAILURE (CRCB)

Explanation

A GETMAIN for common storage above 16M failed.

System action

ETE address space and subsystem initialization is aborted.

User response

Contact IBM Software Support.

ETE0063 COMMON STORAGE GETMAIN FAILURE (CUWX)

Explanation

A GETMAIN for common storage above 16M failed.

System action

ETE address space and subsystem initialization is aborted.

User response

Contact IBM Software Support.

ETE0064 **COMMON STORAGE GETMAIN FAILURE (CUWH)****Explanation**

A GETMAIN for common storage above 16M failed.

System action

ETE address space and subsystem initialization is aborted.

User response

Contact IBM Software Support.

ETE0065 **VTAM® I/O BUFFER SIZE COULD NOT BE DETERMINED****Explanation**

The VTAM I/O buffer size was not determined because VTAM control blocks were either corrupted or changed by VTAM maintenance.

System action

ETE address space and subsystem initialization is aborted.

User response

Contact IBM Software Support.

ETE0070 **THE FOLLOWING ETE COMMANDS ARE AVAILABLE****Explanation**

This is a header line for the output from the ETE HELP command.

System action

None.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

ETE0071 *ETE_help_information_detail_line***Explanation**

This is a detail line of the output from the ETE HELP command.

System action

None.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

ETE0072 **SSTB SUBSYSTEM RESET SUCCESSFUL****Explanation**

The ETE subsystem RESET command completed successfully.

System action

All ETE hooks into VTAM are completely withdrawn, and all ETE storage that can be released is released.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

ETE0073 **VTAM INTERFACES RESTORED****Explanation**

This message confirms that the ETE subsystem RESET command withdrew all ETE hooks.

System action

All ETE hooks into VTAM have been completely withdrawn.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

ETE0074 **UNABLE TO RESTORE VTAM INTERFACES****Explanation**

The ETE subsystem RESET command was unable to withdraw ETE's hooks, probably because additional hooks were established after ETE's.

System action

ETE subsystem RESET command processing terminates.

User response

None. This message is issued in conjunction with ETE0075.

ETE0075	RESET COMMAND NOT PERFORMED
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Explanation

This message confirms that ETE subsystem RESET command processing was unsuccessful.

System action

ETE subsystem RESET command processing terminates.

User response

Issue a system stand-alone dump and contact IBM Software Support.

ETE0076	RESET NOT REQUIRED, SSTB SUBSYSTEM NOT FOUND
----------------	---

Explanation

The ETE subsystem RESET command determined that ETE's hooks were not present.

System action

ETE subsystem RESET command processing terminates.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

ETE0078	ETE DIAGNOSTIC TRACE STARTED
----------------	-------------------------------------

Explanation

The ETE subsystem TRACEON command started the ETE diagnostic trace function.

System action

Recording of ETE diagnostic trace entries into the ETE diagnostic trace table commences.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

ETE0079	ETE DIAGNOSTIC TRACE STOPPED
----------------	-------------------------------------

Explanation

The ETE subsystem TRACEOFF command stopped the ETE diagnostic trace function.

System action

Recording of ETE diagnostic trace entries into the ETE diagnostic trace table terminates.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

ETE0080	ETE ADDRESS SPACE COMMAND ABENDED
----------------	--

Explanation

An abend occurred during the processing of an ETE subsystem command.

System action

The ETE subsystem command interface captures diagnostic information and recovers from the error.

User response

If the ETE subsystem command abends consistently, use the MVS DUMP command to dump the ETE address space and call IBM Software Support.

ETE0081	ETE ADDRESS SPACE STARTUP FAILED—NOT APF AUTHORIZED
----------------	--

Explanation

ETE address space startup failed because ETE library is not APF-authorized.

System action

ETE address space startup task terminated.

User response

Make sure the ETE library is an APF-authorized library.

ETE0082 **ETE ADDRESS SPACE STARTUP
FAILED—RECOVERY COULD NOT
BE ESTABLISHED**

Explanation

ETE address space startup failed due to failure of the ESTAE recovery environment set up.

System action

The ETE address space startup task terminated.

User response

Obtain OMEGAMON debug screen outputs and contact IBM Software Support for diagnosis.

ETE0083 **ETE ADDRESS SPACE
STARTUP FAILED—UNSUPPORTED
ENVIRONMENT**

Explanation

ETE address space startup failed due to unsupported z/OS or ACF/VTAM environment.

System action

The ETE address space startup task terminated.

User response

Make sure that the ETE library is APF-authorized. Make sure that the ACF/VTAM started and is active. Make sure that the ACF/VTAM release level is a supported version of VTAM.

ETE0084 **ETE ADDRESS SPACE STARTUP
FAILED—INSUFFICIENT PRIVATE
STORAGE AVAILABLE**

Explanation

ETE address space startup failed due to insufficient private virtual storage.

System action

The ETE address space startup task terminated.

User response

Increase the private region size of the REGION parameter on the EXEC statement, and restart the ETE startup task.

ETE0086 **ETE ADDRESS SPACE
TERMINATED BY SUBSYSTEM
QUIESCE**

Explanation

The ETE address space was terminated as the result of an ETE QUIESCE command.

System action

The ETE address space is terminated and all allocated private and ECSA storage is freed. All response time monitoring activities stop and all OMEGAMON products stop reporting response time data.

User response

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations. You must restart the ETE address space to resume response time monitoring.

ETE0087 **ETE ADDRESS SPACE
TERMINATED BY STOP COMMAND**

Explanation

The ETE address space was terminated as the result of a stop command received from the z/OS console.

System action

The ETE address space is terminated and all allocated private and ECSA storage is freed. Standard response time monitoring activities performed by the OMEGAMON continue, but multi-session manager support is unavailable.

User response

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations. You must restart the ETE address space to resume multi-session manager support.

ETE0088 **COMMAND ACCEPTED**

Explanation

The MVS MODIFY command entered from the system console was accepted.

System action

None.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

ETE0089 COMPLETE

Explanation

This is the output message trailer for an ETE address space command.

System action

None.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

**ETE0090 ETE STARTUP INSTALL REQUEST
 FAILED: RC=*nn*, SC=*xxxxxxxx***

Explanation

The request to statically install ETE, resulted in the following:

nn

Non-zero return code. See [“ETE return codes and sense codes”](#) on page 573.

xxxxxxxx

Sense code. See "REMOVE request error" in [“ETE return codes and sense codes”](#) on page 573.

System action

ETE does not install.

User response

Submit a copy of the z/OS system log with this message, and any associated SVC DUMP and LOGREC data, to IBM Software Support.

**ETE0091 ETE V620 SUCCESSFULLY
 INITIALIZED**

Explanation

ETE was statically installed successfully. ETE will not become inactive when it has no users. You can deactivate ETE only with the ETE QUIESCE command.

System action

None.

User response

You can now start user products.

**ETE0092 ETE V620 ADDRESS SPACE
 ALREADY EXECUTING**

Explanation

The ETE Version 6.2.0 address space that just started is terminating because there already was an ETE 6.2.0 address space with the same subsystem identifier started and running. Only one ETE 6.2.0 address space with a specific subsystem identifier can run at a time.

System action

The ETE 6.2.0 address space that just started terminates. The running ETE 6.2.0 address space is not affected.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

ETE093 VCHT GETMAIN FAILURE

Explanation

The ETE address space startup task could not obtain storage for the VCHT table from private virtual storage below the 16M line. The default REGION size value of your data center or the REGION size specified on the ETE start up task JCL may be insufficient.

System action

The ETE address space terminates.

User response

Increase the REGION size and restart the ETE address space.

ETE0094 TRACE TABLE GETMAIN FAILURE

Explanation

The ETE startup task could not obtain ECSA storage for the diagnostic trace table. The diagnostic trace is not required for normal ETE operation.

System action

ETE address space initialization continues. However, the diagnostic trace is disabled.

User response

If the trace is needed for problem determination, make sure that enough ECSA storage is available and restart the ETE address space.

**ETE0095 INVALID ETE ADDRESS SPACE
 COMMAND**

Explanation

The MVS MODIFY command entered from the z/OS console is either not recognized or not supported.

System action

None.

User response

Make sure the command is valid and check the command syntax.

**ETE0100 OMEGAMON *job_name* RSP EOT
 REMOVE REQUEST: RETURN
 CODE=*nn*, SENSE CODE=*xxxxxxxx***

Explanation

A REMOVE request issued at end-of-task failed prior to task termination. The message shows the following information:

job_name

Jobname or started task name of the user product.

nn

Non-zero return code. See [“ETE return codes and sense codes”](#) on page 573.

xxxxxxxx

Sense code. See "REMOVE request error" in [“ETE return codes and sense codes”](#) on page 573.

System action

None.

User response

Make a copy of the z/OS system log with this message, and any associated SVC DUMP and LOGREC data. Contact IBM Software Support.

**ETE0101 ETE COULD NOT BE STARTED.
 VTAM NOT INITIALIZED OR VTAM
 IS AT AN UNSUPPORTED LEVEL.**

Explanation

ETE could not start because either VTAM was not initialized or VTAM was at an unsupported level.

System action

ETE discontinues initialization.

User response

If VTAM was not initialized, wait for VTAM to initialize and restart ETE. If VTAM was already initialized, call IBM Software Support.

**ETE0110 ADD FAILED FOR *luname*—NO
 MULTISESSION MGR INFO
 PRESENT**

Explanation

This message appears only when the ETE subsystem is in verbose mode and an ADD request failed for a virtual terminal because ETE did not collect any information about the virtual session between the virtual terminal and the application.

System action

The ADD request fails.

User response

None, if the ETE address space was started after IPL time and virtual sessions already existed at the time that it was started.

**ETE0111 ADD FAILED FOR *luname*—LU
 CURRENTLY IS IN CONCT STATE**

Explanation

This message appears only when the ETE subsystem is in verbose mode and an ADD request failed for a switched LU which is currently not connected to the network.

System action

The ADD request fails.

User response

None. This is an informational message and does not require further action. Typically, this type of

message clarifies some aspect of system behavior during normal operations.

**ETE0112 ADD REQUEST FAILED—ETE
ADDRESS SPACE IS NOT
EXECUTING**

Explanation

This message appears only when the ETE subsystem is in verbose mode and an ADD request failed because the ETE address space is not executing.

System action

The ADD request fails.

User response

Restart the ETE address space. If the ETE address space abended, ensure that a dump was obtained by including a SYSMDUMP DD card in the ETE address space JCL procedure before contacting IBM Software Support.

**ETE0113 VETE request REQUEST FAILED:
RC=xxxxxxxx, SC=xxxxxxxx**

Explanation

An automatic ADD or DELETE request invoked by the session monitor facility failed with the reported return and sense codes. This message is issued only in verbose mode.

System action

The ADD or DELETE request fails.

User response

If the Session Monitor command abends consistently, use the MVS DUMP command to dump the ETE address space and call IBM Software Support.

**ETE0114 ATTACH OF COMMAND INTERFACE
SUBTASK FAILED**

Explanation

The ETE address space command interface subtask attach failed.

System action

ETE address space and subsystem initialization is aborted.

User response

Contact IBM Software Support.

**ETE0115 ATTACH OF TCRB MAINTENANCE
SUBTASK FAILED**

Explanation

The ETE address space TCRB/XLE maintenance subtask attach failed.

System action

ETE address space and subsystem initialization is aborted.

User response

Contact IBM Software Support.

**ETE0116 IDENTIFY OF TCRB
MAINTENANCE SUBTASK E.P.
FAILED**

Explanation

The ETE address space TCRB/XLE maintenance subtask entry point identify failed.

System action

ETE address space and subsystem initialization is aborted.

User response

Contact IBM Software Support.

**ETE0117 ADD FAILED, SLU=*sluname*
PLU=*pluname* RC=xxxxxxxx
SC=xxxxxxxx**

Explanation

An ADD request failed for the reason specified in the displayed return code and sense code. This message is issued only in verbose mode.

System action

The ADD request fails.

User response

Respond as the return and sense codes indicate. See "ADD request errors" in ["ETE return codes and sense codes"](#) on page 573.

ETE0120 **LOCATE FOR MODULE**
module_name **ENTRY POINT**
entry_point_name

Explanation

A required VTAM module was successfully located.

System action

Processing continues.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

ETE0121 **LOCATE FOR MODULE**
module_name **FAILED**

Explanation

ETE was unable to locate a required VTAM module.

System action

ETE startup fails.

User response

Contact IBM Software Support.

ETE0122 **UNABLE TO LOCATE VTAM**
MODULE TABLE

Explanation

ETE experienced an internal error while locating a required VTAM module.

System action

ETE startup fails.

User response

Contact IBM Software Support.

ETE0123 **KETAEVML GETMAIN FAILURE**

Explanation

ETE was unable to getmain enough working storage.

System action

ETE startup fails.

User response

Increase the region parameter on the ETE startup JCL. If symptom persists, contact IBM Software Support.

ETE0200 **DR EXCLUSION LIST PROCESSING**
COMPLETE. RC=xxxxxxxx

Explanation

ETE completed processing the device DR exclusion list option for the ETE address space.

System action

ETE address space initialization continues.

User response

See previous messages issued for diagnosis.

ETE0201 **OPEN FAILED RKANPARU DATA**
SET MEMBER *mbrname*

Explanation

ETE is unable to process member *mbrname* in the RKANPARU partitioned data set because of an open error.

System action

ETE address space initialization continues.

User response

Determine the cause of the open error. For example, check data set specifications and security authorization.

ETE0202 **DR EXCLUSION LIST KETXDLDLDR**
NOT FOUND

Explanation

ETE is unable to process the device DR exclusion list in the RKANPARU partitioned data set because it was not found.

System action

ETE address space initialization continues.

User response

None.

ETE0203 **I/O ERROR ENCOUNTERED**
PROCESSING RKANPARU DATA
SET MEMBER *mbrname*

Explanation

ETE is unable to process member mbrname in the RKANPARU partitioned data set because an I/O error was encountered.

System action

ETE address space initialization continues.

User response

Determine cause of the I/O error. For example, check data set specifications and security authorization.

ETE0204	SYNTAX ERROR ENCOUNTERED PROCESSING DR EXCLUSION LIST KETXDLDR
----------------	---

Explanation

ETE is unable to process the device exclusion list in the RKANPARU partitioned data set because of a device name specification error.

System action

ETE address space initialization continues.

User response

Ensure that member KETXDLDR in the RKANPARU partitioned data set is syntactically correct.

ETE0205	ESQA STORAGE GETMAIN ERROR (DXLHT)
----------------	---

Explanation

A GETMAIN request for ESQA storage failed.

System action

ETE address space initialization continues.

User response

Increase the ESQA storage and restart the ETE address space.

ETE0206	INVALID DXLHT ENCOUNTERED
----------------	----------------------------------

Explanation

An internal logic error occurred in the ETE address space.

System action

ETE address space abends with U700.

ETE0207	ESQA STORAGE GETMAIN ERROR (DXLHTE)
----------------	--

Explanation

A GETMAIN request for ESQA storage failed.

System action

ETE address space initialization continues.

User response

Increase the ESQA storage and restart the ETE address space.

ETE0208	INVALID DXLHTE ENCOUNTERED
----------------	-----------------------------------

Explanation

An internal logic error occurred in the ETE address space.

System action

ETE address space abends with U701.

ETE0209	DXLHTE=<i>address</i> SLUNAME=<i>sluname</i>
----------------	---

Explanation

Output display from the diagnostic command DUMPDXL where address is the address of the DXLHTE and sluname is the SLUNAME of the device in the device exclusion list.

System action

None.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

ETE0210	DR EXCLUSION LIST PROCESSING FAILED: RC=<i>xxxxxxxx</i> SC=<i>xxxxxxxx</i>
----------------	---

Explanation

ETE is unable to process the device exclusion list in the RKANPARU partitioned data set.

- If RC=4, these sense codes are returned:

X'00000004'

Insufficient private memory. Increase the REGION= parameter on the EXEC JCL statement of the ETE address space JCL procedure. Stop and restart the ETE address space with the larger region.

X'00000008'

RKANPARU partitioned data set not allocated to the ETE address space.

X'0000000C'

KETXDLDR not found in the RKANPARU partitioned data set.

- If RC=8, these sense codes are returned:

X'00000004'

Open failed for RKANPARU data set.

X'00000008'

I/O error occurred processing RKANPARU data set.

X'0000000C'

Abend occurred processing RKANPARU data set.

X'00000010'

ESTAE failed processing RKANPARU data set.

- If RC=C, these sense codes are returned:

X'00000004'

GETMAIN failed for DXLHT.

- If RC=10, these sense codes are returned:

X'00000004'

GETMAIN failed for DXLHTE.

X'00000008'

Syntax error occurred while parsing KETXDLDR.

X'0000000C'

Abend occurred while parsing KETXDLDR.

X'00000010'

GETMAIN failed for private memory while parsing KETXDLDR.

X'00000014'

ESTAE failed while parsing KETXDLDR.

System action

ETE address space initialization continues.

User response

See previous messages issued for diagnosis.

ETE0211 **RC=xxxxxxx hexsluname length position**

Explanation

Output display following ETE0204 output with the following diagnostic information.

xxxxxxx

Return code which may be:

00000008

Internal error.

0000000C

Invalid SLUNAME specification.

00000010

Invalid SLUNAME specification.

00000014

Invalid SLUNAME specification.

00000018

Internal error.

0000001C

Internal error.

hexsluname

Hexadecimal representation of failing SLUNAME operand.

length

Length of failing operand.

position

Position of failing operand in KETXDLDR member data record.

System action

None.

User response

None.

ETE0212 **NO EXCLUDED DEVICES FOUND**

Explanation

The DUMPDXL command was issued, but no excluded devices are specified in the ETE address space.

System action

None.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

ETE0220 **ETE SUPPORT IN CICS® ADDRESS SPACE (asid) IS ENABLED GA(gwaaddr) GAL(gwalen).**

Explanation

CICS SEND exit (XZCOUT) for ETE support is enabled where GA represents the address of the global work area, and GAL represents the length of the global work area.

System action

None.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

ETE0221	ETE SUPPORT IN CICS ADDRESS SPACE (<i>asid</i>) IS DISABLED
----------------	--

Explanation

CICS SEND exit (XZCOUT) for ETE support is disabled.

System action

None.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

ETE0222	INVALID PARAMETER FOR KETX TRANSACTION IN CICS ADDRESS SPACE (<i>asid</i>). SPECIFY ENABLE, DISABLE, OR STATUS.
----------------	--

Explanation

User entered KETX with unrecognized parameter. The only supported parameters for this transaction are ENABLE, DISABLE, and STATUS.

System action

Transaction is ignored.

User response

Reenter transaction with correct parameter.

ETE0223	ENABLING OF ETE SUPPORT IN CICS ADDRESS SPACE (<i>asid</i>) HAS FAILED. RC(<i>xxxx</i>).
----------------	---

Explanation

Error occurred during exit enable process. RC represents EIBRCODE value after CICS ENABLE command, which is documented in the CICS documentation set.

System action

CICS SEND exit is not enabled.

User response

Consult CICS documentation or notify your CICS administrator. If the problem persists, contact IBM Software Support.

ETE0224	DISABLING OF ETE SUPPORT IN CICS ADDRESS SPACE (<i>asid</i>) HAS FAILED. RC(<i>xxxx</i>).
----------------	--

Explanation

Error occurred during exit disable process. RC represents EIBRCODE value after CICS DISABLE command, which is documented in the CICS documentation set.

System action

CICS SEND exit is not disabled.

User response

Consult CICS documentation or notify your CICS administrator. If the problem persists, contact IBM Software Support.

ETE0225	ERROR WHEN EXTRACTING STATUS OF KETXCOUN EXIT IN CICS ADDRESS SPACE (<i>asid</i>). RC(<i>xxxx</i>).
----------------	--

Explanation

Error occurred during extraction of the status of ETE support in CICS. RC represents EIBRCODE value after CICS EXTRACT command, which is documented in the CICS documentation set.

System action

None.

User response

Consult CICS documentation or notify your CICS administrator. If the problem persists, contact IBM Software Support.

ETE0226 ERROR IN CIHT PARAMETER SPECIFICATION

Explanation

An invalid CIHT size value was entered in the PARM field on the EXEC statement in the ETE startup JCL.

System action

ETE address space initialization continues. The default CIHT size is used.

User response

Specify correct value for CIHT size and restart ETE if the default size is not sufficient.

ETE0227 SHUTDOWN CANNOT BE COMPLETED. DISABLE ETE SUPPORT IN EVERY CICS ADDRESS SPACE. THEN REPLY 'Y' TO SHUTDOWN.

Explanation

ETE shutdown routine detected that some CICS address spaces did not free ETE resources at the request of ETE. This abnormal situation can happen if a CICS address space with enabled ETE support abended.

System action

Waits for operator reply.

User response

Use CICS transaction KETX DISABLE in every CICS address space to disable ETE support. Then reply Y to allow ETE to terminate. If there are other active ETE address spaces, shut them down before disabling ETE support in the CICS address spaces.

ETE0228 CIHT GETMAIN FAILURE

Explanation

GETMAIN for common storage above 16M failed.

System action

ETE address space and subsystem initialization is aborted.

User response

Contact IBM Software Support.

**ETE0229 XXXXXXXX XXXXXXXX XXXXXXXX
XXXXXXXX**

Explanation

Output display at initiating terminal and at master console from CICS transaction KETX DIAGNOSE. The four hexadecimal values displayed are for diagnostic purposes only.

System action

None.

User response

Give values to IBM Software Support if requested.

ETE0230 ENABLING OF ETE SUPPORT IN CICS ADDRESS SPACE (asid) HAS FAILED. CICS RELEASE nn IS NOT SUPPORTED.

Explanation

ETE does not currently support CICS release nn.

System action

CICS SEND exit is not enabled.

User response

Contact IBM Software Support.

ETE0910 EPILOG IMS COLLECTOR FAILED TO OBTAIN TRANSACTION STATISTICS CELL

Explanation

The RTXU collector called the MVS GETCELL service to obtain a cell in which to store data. The GETCELL routine returned a nonzero return code.

System action

The EPILOG collector terminates with a U0150 abend.

User response

Restart the EPILOG collector and see if it recurs. If the message persists, call IBM Software Support.

ETE0920 EPILOG/IMS TRANSACTION STATISTICS RECORD IS TRUNCATED

Explanation

The VSAM record being written is longer than the maximum VSAM record length specified.

System action

Processing continues.

IA messages

Messages that begin with the IA prefix are associated with Classic OMEGAMON components.

IA0001 INVALID DELIMITER

Explanation

The IANL command was entered with incorrect syntax.

System action

The command is commented out.

User response

Correct the syntax error and re-enter the command.

**IA0002 WORKLOAD NAME MUST BE 8
 CHARACTERS OR LESS**

Explanation

A workload name exceeding eight characters was entered.

System action

The command is commented out.

User response

Correct the workload name and re-enter the command.

**IA0003 VALID FORMATS ARE:
 workload,LIST workload,DELETE
 GROUP,LIST**

Explanation

Review the appropriate explanation for your product.

OMEGAMON II for CICS

The IANL LIST or the DELETE command was entered with incorrect syntax.

All other products

User entered an IANL command with incorrect usage of the comma. Correct syntax is displayed.

User response

Redefine the EPILOG data store with a larger record length. See the product installation documentation for details.

System action

The command is commented out.

User response

Correct the syntax error and re-enter the command.

**IA0004 VALID FORMATS ARE:
 GROUP=*groupname* PG=*nnnn* (*
 not applicable to OMEGAMON II for
 CICS) LIST=ALL**

Explanation

An IANL command was entered with incorrect use of the equal sign. The correct syntax is displayed.

System action

The command is commented out.

User response

Correct the syntax error and re-enter the command.

**IA0005 PERFORMANCE GROUPS MUST BE
 SPECIFIED BY NUMBER**

Explanation

User attempted to select a performance group as a monitored workload (using the PG=performance group command) but entered a non-numeric name for the performance group. The performance group must be specified by number.

System action

Command is commented out.

User response

Correct the syntax error and re-enter the command.

**IA0006 GROUP NAMES CANNOT BE
 NUMERIC**

Explanation

The user attempted to select a group workload to be monitored (using the GROUP={*Groupname*} command), but entered a numeric name for the group. The group workload must be specified by a non-numeric name.

System action

The command is commented out.

User response

Correct the syntax error and re-enter the command.

IA0007 **VALID FORMAT FOR LIST IS:**
cccccccc

Explanation

The IANL LIST command was entered incorrectly.

System action

The command is commented out and a model of the correct syntax is shown.

User response

Correct the syntax error and re-enter the command.

IA0008 **FORMAT FOR DEFINING A GROUP**
IS:

Explanation

GROUP=*Groupname*=(*Member1,Member2,...*)

Explanation

The user attempted to define a group workload, but did not use the correct syntax.

System action

The command is commented out and a model of the correct syntax is shown.

User response

Correct the syntax error and re-enter the command.

IA0009 **GROUPS CANNOT CONTAIN BOTH**
TASK NAMES AND PG NUMBERS

Explanation

The user attempted to define a group workload, but mixed task names and PG numbers in the member list.

System action

The command is commented out.

User response

Correct the syntax error and re-enter the command.

IA0010 **GROUP MEMBER NAMES MUST BE**
1 TO 8 CHARACTERS

Explanation

The user attempted to define a group workload, but entered a member name greater than eight characters. The correct syntax is: GROUP=*Groupname*=(*member list*).

System action

The command is commented out.

User response

Correct the syntax error and re-enter the command.

IA0011 **GROUP (*name*) IS NOT DEFINED**

Explanation

The user attempted to select a group workload to be monitored (using the command IANL GROUP=*Groupname*), but the group has not been defined.

System action

The command is ignored.

User response

Define the group workload using the command GROUP=*Groupname*=(*member list*) and re-enter the group selection command.

IA0012 **VALID PREFIXES FOR IANL**
COMMAND ARE: S - Summary level
display D - Detail level display

Explanation

The IANL command was entered with an invalid prefix.

System action

The command is ignored.

User response

Correct the syntax and re-enter the command.

IA0013 **VALID SUFFIXES FOR IANL
COMMAND ARE: P - Show
impactors by Performance group
PD - Show impactors by
Performance group detailed by job**

Explanation

The IANL command was entered with an invalid suffix.

System action

The command is ignored.

User response

Correct the syntax and re-enter the command.

IA0014 **GROUPS MUST CONTAIN AT LEAST
1 MEMBER**

Explanation

The user attempted to define a group workload, but did not include any members in the member list. The correct syntax is: `GROUP=Groupname=(member list)`.

System action

The command is commented out.

User response

Correct the syntax error and re-enter the command.

IA0015 **MAXIMUM NUMBER OF
CONTENTION ANALYSES IS 5**

Explanation

The user attempted to set the number of workloads to be monitored at more than five. The maximum number of workloads to be monitored is five.

System action

The IANC command is rejected and commented out.

User response

Review the appropriate user response for your product.

OMEGAMON II for CICS

Enter a number from 1 to 5.

All other products

None.

IA0100 **COLLECTOR HAS NOT BEEN
STARTED**

Explanation

Certain commands require active data collection when they are issued. Such a command was entered before data collection was started.

System action

The command is ignored.

User response

Start data collection and re-enter the command.

IA0101 **COMMAND NOT VALID ONCE
COLLECTOR STARTED**

Explanation

Certain commands (such as IANQ, which changes the enqueue sampling interval, and IANC, which sets the number of workloads that can be monitored) require that data collection be stopped when they are issued. Such a command was entered while data collection was active.

System action

The command is ignored.

User response

Stop data collection and re-enter the command.

IA0102 **ENTRY NOT FOUND**

Explanation

The IANL LIST or DELETE command was entered for a workload that was not being monitored.

System action

The command is ignored and commented out.

User response

Correct the workload name and re-enter the command.

IA0103 **NO ROOM IN TABLE TO ADD
ENTRY**

Explanation

The user attempted to start monitoring a workload and exceeded the maximum number of workloads that can be monitored.

System action

The command is ignored.

User response

Delete a workload from monitoring or increase the maximum number of workloads with the IANC command.

IA0104 COLLECTOR HAS ABENDED

Explanation

The collector module has abended, and therefore the workloads under analysis are no longer being monitored.

System action

Diagnostic information is displayed.

User response

Log the diagnostic information; issue the MOD command and log the additional diagnostic information; exit using the IANL END command; contact IBM Software Support. For a definition of the user ABEND codes, see the EB, EP, and EU Abend Codes appendix.

IA0105 JOB HAS ENDED

Explanation

Review the appropriate explanation for your product.

OMEGAMON II for CICS

Impact analysis (OMEGAMON II for Db2) is not monitoring the workload because the workload is no longer running.

All other products

Monitoring of the workload has stopped because the workload is no longer running.

System action

The command is commented out.

User response

None.

IA0109 NO MORE THAN 5 SHORT TERM INTERVALS PER LONG TERM INTERVAL

Explanation

The user attempted to define the long-term interval but entered a number larger than five.

System action

The IACL command is rejected.

User response

Correct the entry and re-enter the command.

IA0110 JOB IS NOT A CICS REGION

Explanation

The monitoring of a job was requested for a region that is not in CICS.

System action

The command is ignored.

User response

Re-enter the command with a CICS job.

IA0111 AT LEAST ONE MEMBER IS NOT A CICS REGION

Explanation

The group was monitored, but one or more group members may be incorrect.

System action

None.

User response

Verify that all group members are correct.

IA0112 INTERNAL ERROR IN CVAL ROUTINE

Explanation

This message is the result of an internal error or the corruption of virtual storage.

System action

OMEGAMON II for Db2 attempts to continue command processing.

User response

Contact IBM Software Support.

IA0113 MAXIMUM VALUE IS 10

Explanation

The user attempted to set the value of the enqueue sampling interval (which is defined by multiples of the normal sampling interval) but entered a value greater than 10. (Such values result in a sampling interval that is too infrequent to be significant.) The maximum number of intervals is 10.

System action

The IANQ command is rejected and commented out.

User response

Correct the entry and re-enter the command.

IA0200 COLLECTOR HAS ENDED

Explanation

The data collector stopped in response to a user command.

System action

Review the appropriate system action for your product.

OMEGAMON II for CICS

OMEGAMON II for Db2 processes the command, and comments it out.

All other products

Command is accepted and commented out.

User response

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

IA0201 WORKLOAD HAS BEEN ADDED

Explanation

Monitoring of the workload has begun.

System action

None.

User response

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

IA0202 WORKLOAD HAS BEEN DELETED

Explanation

The workload has been deleted in response to a user command.

System action

Review the appropriate system action for your product.

OMEGAMON II for CICS

OMEGAMON II for Db2 processes the command, and comments it out.

All other products

Command is accepted and commented out.

User response

None.

**IA0203 LONG TERM DISPLAY WILL
REPRESENT *nn* SHORT-TERM
INTERVALS**

Explanation

Informs the user of the long term interval.

System action

The IACL command is accepted and commented out.

User response

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

**IA0204 SHORT TERM DISPLAY WILL BE
CLEARED EVERY *nn* MINUTES**

Explanation

Informs the user of the short-term interval.

System action

The IACS command is accepted and commented out.

User response

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

IA0205 **THE DATA COLLECTOR SAMPLE
TIME = *n.n* SECONDS**

Explanation

Informs the user of the sampling interval (in seconds).

System action

The IAST command is accepted and commented out.

User response

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

IA0206 **PLOT PERCENTAGE THRESHOLD
IS *nn*%**

Explanation

Informs the user of the plot threshold. (Contending workloads comprising less than *nn*% of the contention will not be displayed).

System action

The command is accepted.

User response

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

IA0207 **IA TO SUPPORT UP TO *n*
CONTENTION ANALYSES**

Explanation

Informs the user of the maximum number of workloads that can be monitored.

System action

The IANC command is accepted and commented out.

User response

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

IA0208 **ENQUEUE DATA COLLECTION
ENABLED/DISABLED {CYCLE = *nn*}**

Explanation

Informs the user whether enqueue data collection is enabled or disabled. If enqueue collection is enabled, the message also shows the frequency with which enqueue data is collected (as a multiple of sampling intervals).

System action

The IANQ command is accepted and commented out.

User response

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

IA0209 **GROUP HAS BEEN DEFINED**

Explanation

The user successfully defined a group workload.

System action

The command is commented out.

User response

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

IA0215 **NO WORKLOADS UNDER
ANALYSIS**

Explanation

The user entered the IANL LIST=ALL command but all workloads have been deleted from analysis. (The collector is still running.)

System action

None.

User response

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

IA0216 **NO GROUPS ARE DEFINED**

Explanation

The user entered the command IANL GROUP,LIST but no group workloads have been defined. (The collector is still running.)

System action

None.

User response

Review the appropriate user response for your product.

OMEGAMON II for CICS

Define the workloads and restart.

All other products

None.

IA0217 **IA COLLECTION TASK TIMES OUT
AFTER n MINUTES**

IN messages

Messages that begin with the IN prefix are associated with Classic OMEGAMON components.

IN0004 **THE KEYWORD FLAGGED ABOVE
IS UNKNOWN**

Explanation

A keyword operand was misspelled or is not valid on this command.

System action

The command does not execute.

User response

Correct the command and re-enter.

IN0005 **PARAMETER WAS EXPECTED BUT
NOT FOUND**

Explanation

A keyword with a parameter list was specified, but the parameter list did not contain enough parameters.

Explanation

Informs the user of the current time-out interval. If the time-out facility has been turned off, the message is **IA COLLECTION TASK WILL NOT TIME OUT.**

System action

The IATO command is accepted.

User response

None.

IA0301 **PERFORMANCE GROUP
OPERANDS UNACCEPTABLE IN
GOAL MODE**

Explanation

Performance group information is not available under the Work Load Manager goal mode.

System action

The command terminates.

System action

The command does not execute.

User response

Correct the command and re-enter.

IN0006 **THIS PARAMETER MUST BE
NUMERIC**

Explanation

A parameter was specified which must be numeric but is not.

System action

The command does not execute.

User response

Correct the command and re-enter.

IN0007 **')' MISSING AFTER FIRST
PARAMETER****Explanation**

A ')' was expected after the first parameter and was not found.

System action

The command does not execute.

User response

Correct the command format and retry.

IN0050 ***data set name* FAILED TO
ALLOCATE****Explanation**

An error occurred during dynamic allocation of the data set name specified in the MLIB DSN list.

System action

The command continues if there are other data set names in the MLIB DSN list.

User response

Check the reason for the dynamic allocation error and correct accordingly. Message IN0051 might accompany this message.

IN0051 **DAIR CODE = rc****Explanation**

The Dynamic Allocation Interface Routine (DAIR) return code is displayed.

System action

Same as message IN0050.

User response

Same as message IN0050.

IN0060 ***data set name* FAILS MLIB
REQUIREMENTS****Explanation**

The data set failed the MLIB requirement because it neither has a Format 1 DSCB nor is in a load module format. Message IN0061 or IN0062 gives more information on the error.

System action

The command continues if there are other data set names in the MLIB DSN list.

User response

Make sure the correct data set name was specified.

IN0061 **DATA SET IS NOT LOAD MODULE
FORMAT****Explanation**

The MLIB failure was due to the data set not being in a load module format.

System action

The command continues if there are other data set names in the MLIB DSN list.

User response

Only load data sets can be specified on the MLIB command.

IN0062 **FORMAT1 DSCB COULD NOT BE
LOCATED****Explanation**

The data set specified in message IN0060 was not found.

System action

The command continues if there are other data set names in the MLIB DSN list.

User response

Make sure that the data set exists on the volume as indicated by the system catalog and retry the command.

IN0070 ***data set name* FAILED TO OPEN****Explanation**

The OPEN failed for the data set.

System action

The command continues if there are other data set names in the MLIB DSN list.

User response

Make sure that OMEGAMON is authorized to use the specified data set.

IN0080 *data set name IS NOT OPEN*

Explanation

OMEGAMON tried to close a data set that was not open.

System action

CLOSE processing continues for remaining data sets.

User response

Call IBM Software Support for assistance.

IN0081 *data set name FAILED TO CLOSE*

Explanation

The data set cannot be closed.

System action

CLOSE processing continues for the remaining data sets.

User response

Investigate why the data set failed to close. If necessary, call IBM Software Support for assistance.

IN0082 *data set name FAILED TO DE-
ALLOCATE*

Explanation

The data set cannot be de-allocated.

System action

Deallocate processing continues for remaining data sets.

User response

Investigate why the data set failed to de-allocate by examining the accompanying DAIR code in message IN0083.

IN0083 *DAIR CODE = rc*

Explanation

The Dynamic Allocation Interface Routine (DAIR) return code is displayed with message IN0082.

System action

See message IN0082.

User response

Refer to the appropriate IBM manual for a description of the return codes.

IN0090 *ADD AND DEL MUST NOT BE
ISSUED TOGETHER*

Explanation

The ADD and DEL parameters cannot be issued together in the same MLIB command.

System action

The commands do not execute.

User response

Issue ADD and DEL separately.

IN0091 *data set name IS NOT IN THE MLIB
DSN LIST*

Explanation

The data set specified with the delete option of the MLIB minor of INSP was not found in the MLIB list because it was never added or was already deleted.

System action

The operation is ignored.

User response

Specify the correct data set name for the delete.

IN0092 *PREVIOUS LINE WAS TRUNCATED*

Explanation

The previous display line has been truncated because the line length was exceeded.

System action

None.

User response

None.

IN0100 *cccccc HAS A HIGHER PRIORITY
THAN OMEGAMON*

Explanation

The address space dispatching priority of job cccccc, which is being monitored by INSP, is running at a higher priority than OMEGAMON. This is the jobname specified by the JOB() keyword.

System action

INSP attempts to take samples, but will probably detect very little activity in the monitored address space. Any results are incorrect.

User response

Run OMEGAMON as a performance group which has a higher priority than the address space being monitored.

IN0101 **ccccc IS NO LONGER RUNNING**

Explanation

INSP was monitoring an address space when the jobname cccccc changed. cccccc is the name specified by the JOB() keyword.

System action

Sampling terminates.

User response

If you want more data, rerun the job and use a shorter sampling period.

IN0102 **START INVALID, ALREADY SAMPLING**

Explanation

The START keyword was specified on the INSP command when sampling of the target address space was already in progress.

System action

The START keyword is ignored.

User response

None required.

IN0103 **STOP INVALID, NOT SAMPLING**

Explanation

The STOP keyword was specified on the INSP command when sampling of the target address space was not in progress.

System action

The STOP keyword is ignored.

User response

None required.

IN0104 **ATTACH FAILED**

Explanation

This is an internal error message.

System action

Sampling does not start.

User response

Call IBM Software Support for assistance.

IN0105 **ccccc NOT FOUND**

Explanation

No job with the name cccccc specified is currently active. <jobname> is the name specified by the JOB() keyword.

System action

The new jobname specification is not used.

User response

Use the JOB() keyword to specify the name of a running job. If necessary, use OMEGAMON commands such as ALLJ to determine a valid jobname.

IN0106 **SAMPLER TASK HAS ABENDED**

Explanation

This is an internal error message.

System action

Sampling terminates and diagnostic information appears.

User response

Record the diagnostic information and call IBM Software Support.

IN0900 **\$GMEM FAILED FOR INSP WORKAREA**

Explanation

OMEGAMON was unable to obtain memory for the INSP workarea.

System action

The command does not execute.

User response

Increase the OMEGAMON region size to correct the problem.

IN0901 **RETURN CODE *rc* FROM OMPBM
INITIALIZATION**

Explanation

An error occurred during INSP initialization.

System action

The command does not execute.

User response

Call IBM Software Support for assistance.

IN0902 **INSPECT REQUIRES DEXAN**

Explanation

To run INSP, the DEXAN product is required.

System action

The command does not execute.

KBB messages

Messages that begin with the KBB prefix are associated with the Tivoli Management Services: Engine (TMS:Engine) component.

KBBCM001 **COM1ERROR:*rtncd1, rtncd2, rcpri, rcsec, snsi, rplreq, qualify, rpl6what, luname, mode, convid***

Explanation

An APPCCMD command was not completed by VTAM, or VTAM conditionally completed the command. This data is displayed:

- *rtncd1*: The general return code provided in R15.
- *rtncd2*: The conditional completion return code or recovery action return code provided in R0.
- *rcpri*: The primary extended return code.
- *rcsec*: The secondary extended return code.
- *snsi*: The inbound sense data.
- *rplrpq*: The APPCCMD CONTROL= value.

User response

None.

IN0903 **LOAD MACRO FAILED FOR OMPBM
WITH ABEND=*nnn***

Explanation

INSP module OMPBM could not be loaded.

System action

The command does not execute.

User response

Refer to the IBM system codes manual for an explanation of the abend code.

IN0904 **INSPECT ERROR CODE *nn***

Explanation

An internal error occurred on the INSP command. The error code is *nn*.

System action

The command does not execute.

User response

Call IBM Software Support for assistance.

- *qualify*: The APPCCMD QUALIFY= value.
- *rpl6what*: The VTAM what data received flag.
- *luname*: The destination logical unit name.
- *mode*: The associated logmode.
- *convid*: The conversation id created by VTAM.

System action

Depends on the error. The request may continue processing or may be terminated by VTAM.

User response

If *rtncd1* is 0 and *rtncd2* is B, conditional completion is indicated for the APPCCMD command. This may or may not indicate an error. The *rcpri* and *rcsec* must then be checked to determine if an error occurred. A *rcpri* value of zero indicates that no error occurred. The *rcsec* field contains a non-zero value that contains the information about the processing of the macro. For example, a successful CNOS request may complete without error, but be negotiated by the partner LU. In such cases *rcsec* is set to X'2' to indicate that negotiation took place.

A non-zero value for *rcpri* indicates abnormal completion of an APPCCMD macro. The *rcpri* and *rcsec* fields contain the information needed to determine the error.

If *rtncd1* has a value greater than zero (usually X4), then that indicates a logic error in the application.

Refer to *z/OS Communications Server SNA Programmer's LU 6.2 Guide* for an explanation of the values and codes displayed in the KBBM001 message, and recommended actions.

KCN messages

The messages that begin with the KCN prefix are associated with OMNIMON Base. Return codes associated with these messages can be found in “z/OS status codes and return codes” on page 589.

**KCNCA001E UNABLE TO OBTAIN PRIVATE
STORAGE, COUPLING FACILITY
COLLECTION NOT AVAILABLE**

Explanation

This message comes from the OMEGAMON Subsystem attached subtask designed to issue IXCQUERY requests for CF_ALLDATA and STR_ALLDATA information (KCNCFAT). It indicates that working storage for this subtask cannot be obtained. Data collection is terminated.

System action

None.

User response

Recycle the OMEGAMON Subsystem associated with this message. If the problem persists, call IBM Software Support for further assistance.

**KCNCA002E SUBTASK PARMS INVALID,
COLLECTION TERMINATED**

Explanation

This message comes from the OMEGAMON Subsystem attached subtask designed to issue IXCQUERY requests for CF_ALLDATA and STR_ALLDATA information (KCNCFAT). A parameter area passed to the collection subtask does not have the correct identification text (eyecatcher). The subtask must assume the parameters area has been corrupted. Data collection is terminated.

System action

None.

User response

Recycle the OMEGAMON Subsystem associated with this message. If the problem persists, call IBM Software Support for further assistance.

**KCNCA003E IXCQUERY XXX_ALLDATA FAILED
RC(XXXXXXXX),REASON(XXXXXXX
X)**

Explanation

This message comes from the OMEGAMON Subsystem attached subtask designed to issue IXCQUERY

requests for CF_ALLDATA and STR_ALLDATA information (KCNCFAT). The XXX in "XXX_ALLDATA" may be either STR or CF. This message indicates that a severe error occurred while trying to get IXCQUERY data. The return code (RC) and reason code (REASON) from the attempt are documented and can be found in the *IBM z/OS MVS Programming Sysplex Services Reference* for Return and Reason Codes for IXCQUERY. This message may appear up to 6 times if the problem persists. After 6 attempts the OMEGAMON Subsystem will stop trying to get this data.

System action

None.

User response

Verify that the authorized OMEGAMON Subsystem is running and that the Coupling Facility Resource Management (CFRM) data set is accessible from this LPAR. If the problem persists, call IBM Software Support for further assistance. If it is running and the problem persists, contact IBM Software Support for further assistance.

**KCNCA004E UNABLE TO OBTAIN LARGER
XXX_ALLDATA ANSWER AREA,
SIZE(XXXXXXXX). COLLECTION
NOT AVAILABLE**

Explanation

This message comes from the OMEGAMON Subsystem attached subtask designed to issue IXCQUERY requests for CF_ALLDATA and STR_ALLDATA information (KCNCFAT). The XXX in "XXX_ALLDATA" may be either STR or CF. The value following SIZE is the storage area size, in hexadecimal, that is needed. Subtask collection is terminated.

System action

None.

User response

Recycle the OMEGAMON Subsystem associated with this message. If the problem persists, call IBM Software Support for further assistance.

**KCNCI001E UNABLE TO OBTAIN PRIVATE
STORAGE, COUPLING FACILITY
COLLECTION NOT AVAILABLE.**

Explanation

This message comes from the main module supporting Coupling Facility data collection in the OMEGAMON

Subsystem (KCNCFIN). Work area storage for this module could not be obtained. The module is terminating and will not be available to support Coupling Facility collection.

System action

None.

User response

Recycle the OMEGAMON Subsystem associated with this message. If the message is seen again, call IBM Software Support for further assistance.

**KCNCI002W COUPLING FACILITY DATA
COLLECTION SUBTASK
TERMINATED UNEXPECTEDLY.**

Explanation

This message comes from the main module supporting Coupling Facility data collection in the OMEGAMON Subsystem (KCNCFIN). The collection subtask terminated unexpectedly.

System action

None.

User response

None. If this message appears frequently, call IBM Software Support for further assistance.

**KCNCI003E COUPLING FACILITY DATA
COLLECTION SUBTASK START
FAILED, RELINQUISHING
COLLECTOR STATUS**

Explanation

This message comes from the main module supporting Coupling Facility data collection in the OMEGAMON Subsystem (KCNCFIN). The collection subtask attach failed. This address space will stop trying to collect Coupling Facility data. It will participate as a receiver when another OMEGAMON Subsystem takes over the collection function.

System action

None.

User response

None. If this message appears frequently, call IBM Software Support for further assistance.

**KCNCI004E ERROR: KCNDLCF FUNCTION
PARMS NOT FOUND****Explanation**

This message comes from the main module supporting Coupling Facility data collection in the OMEGAMON Subsystem (KCNCFIN). This is a severe internal error for this function and it cannot continue.

System action

None.

User response

Recycle the OMEGAMON Subsystem associated with this message. If this message appears again, call IBM Software Support for further assistance.

**KCNCI005I COUPLING FACILITY COLLECTOR
SUBTASK STARTED****Explanation**

This message comes from the main module supporting Coupling Facility data collection in the OMEGAMON Subsystem (KCNCFIN). It indicates that this OMEGAMON Subsystem is collecting Coupling Facility data for the Sysplex.

System action

None.

User response

None. This is an informational message.

**KCNCI006W COUPLING FACILITY COLLECTOR
STARTING LOCAL COLLECTION****Explanation**

This message comes from the main module supporting Coupling Facility data collection in the OMEGAMON Subsystem (KCNCFIN). The OMEGAMON Subsystem associated with this message has stopped receiving coupling facility data from the Sysplex collector. It has started collecting data itself for the OMEGAMON products on this system image.

System action

None.

User response

This message may appear occasionally if the XCF message processing facility is heavily burdened, or if the collecting OMEGAMON Subsystem has stalled or failed. If neither message KCNCI007W nor message KCNCI008W is seen shortly, try cancelling the last known collecting OMEGAMON Subsystem (see message KCNCI005I). If the problem persists, call IBM Software Support for further assistance.

**KCNCI007I COUPLING FACILITY COLLECTOR
RESUMING PLEX RECEPTION****Explanation**

This message comes from the main module supporting Coupling Facility data collection in the OMEGAMON Subsystem (KCNCFIN). This message indicates that the problem, which caused message KCNCI006W to appear, has been resolved. Another OMEGAMON Subsystem has begun sending Coupling Facility data and this address space is receiving that data.

System action

None.

User response

None. This message indicates that a problem state has been resolved. It may also indicate that one of the OMEGAMON Subsystems in the Sysplex has failed and some action should be taken for that address space.

**KCNCI008I COUPLING FACILITY COLLECTOR
RESUMING PLEX COLLECTION****Explanation**

This message comes from the main module supporting Coupling Facility data collection in the OMEGAMON Subsystem (KCNCFIN). This message indicates that the problem, which caused message KCNCI006W to appear, has been resolved. This OMEGAMON Subsystem has begun collecting Coupling Facility data and is sending data to other OMEGAMON Subsystems in its XCF group.

System action

None.

**KCNCI009E ERROR JOINING XCF GROUP
TYPE=XXXXXXXXXXXXXXXXX.
FUNCTION TERMINATING.**

Explanation

This message comes from the main module supporting Coupling Facility data collection in the OMEGAMON Subsystem (KCNCFIN). The Coupling Facility collection function tried to join the XCF group to determine the identity of other group members. A problem occurred while trying to perform this task. The specific condition is given by the text following the **TYPE=** phrase, where **XXXXXXXXXXXXXXXXXX** is:

- QUERY GROUP RC>4: the IXCQUERY for group information ended with a return code greater than 4
- QUERY GROUP NOT4: the IXCQUERY for group information ended with a return code 4 but the reason code was not also 4. When both return and reason codes are 4, it is just a matter of resizing the answer area. Otherwise, some serious error has occurred.
- QUERY GROUP LNG< – :the IXCQUERY for group information ended with indication that we should resize. However, the buffer area we used is already big enough for the complete data. This contradiction cannot be resolved.
- QUERY GROUP REPT: Attempts to resize and get group information have failed repeatedly.
- XCF JOIN FAILED: The IXCJOIN to join the XCF group failed. Check the group name for valid characters.

System action

None.

User response

Recycle the OMEGAMON Subsystem associated with this message. If this message appears again, call IBM Software Support for further assistance.

KCNCI010i	COUPLING FACILITY COLLECTION PARMS IN EFFECT ARE: XCF GROUP NAME=XXXXXXXXX ADDRESS=XXXXXXXXX REFRESH INTERV=XXXXXXXXX ADDRESS=XXXXXXXXX WTO MESSAGES=XXXXX ADDRESS=XXXXXXXXX PLEX COLLECT=XXX ADDRESS=XXXXXXXXX
------------------	--

Explanation

This message comes from the main module supporting Coupling Facility data collection in the OMEGAMON Subsystem (KCNCFIN). This message documents the

collection parameters in effect for this address space, as follows:

- XCF Group Name – specifies the XCF group name we are using to pass Coupling Facility data from the collecting OMEGAMON Subsystem to the receiving OMEGAMON Subsystems. The name must be common to all participating OMEGAMON Subsystems in the Sysplex. The name should be unique from any other XCF group names used in this Sysplex.
- REFRESH INTERV – shows the refresh interval in effect. The value is in seconds. This interval tells you how frequently we are refreshing Coupling Facility data in this address space. All OMEGAMON Subsystems that are part of the same XCF group should have the same refresh interval.
- WTO MESSAGES – indicates the level of message logging used. There are 3 levels:
 - NO – no messages at all
 - ERROR – error, warning and informational messages that give key status indications for the service. ERROR is the default.
 - ALL – full debugging level messages. This should be used only with IBM Software Support involvement. The message volume can be extensive.
- PLEX COLLECT – specifies whether or not this address space may become the collector for this Sysplex. There are 2 values:
 - YES indicates that this OMEGAMON Subsystem may become the Coupling Facility data collector for this Sysplex. Only one OMEGAMON Subsystem at a time is the collector. OMEGAMON Subsystems with this value may take over data collection should the current collector fail or be terminated. YES is the default.
 - NO indicates that this OMEGAMON Subsystem may not become the collector for this Sysplex. This OMEGAMON Subsystem may initiate local collection if the Sysplex collector cannot be located.
- ADDRESS – Appended to each parameter, it is the storage location of this parameter within this address space. This value may be helpful for problem resolution efforts.

System action

None.

User response

This information documents the settings in use. It may be helpful to compare these to the other OMEGAMON

Subsystems expected to be in the same XCF group for consistency.

KCNDR001E UNABLE TO OBTAIN PRIVATE STORAGE, COUPLING FACILITY COLLECTION NOT AVAILABLE

Explanation

This message comes from the client application using the OMEGAMON Subsystem for Coupling Facility data collection (KCNCFDR). The driver routine that connects to the OMEGAMON Subsystem cannot obtain working storage. The client will not be able to report on Coupling Facility information.

System action

None.

User response

Recycle the client application associated with this message. If the problem persists, call IBM Software Support for further assistance.

KCNDR002W KXCQUERY HAS RESUMED USING THE OMEGAMON SUBSYSTEM

Explanation

This message comes from the client application using the OMEGAMON Subsystem for Coupling Facility data collection (KCNCFDR). This application had lost contact with that subsystem but has now regained contact. Processing is continuing normally.

System action

None.

User response

None. If this message appears frequently, call IBM Software Support for further assistance.

KCNDR003W KXCQUERY HAS LOST USE OF THE OMEGAMON SUBSYSTEM, RESORTING TO LOCAL COLLECTION

Explanation

This message comes from the client application using the OMEGAMON Subsystem for Coupling Facility data collection (KCNCFDR). This application has lost contact with the OMEGAMON Subsystem. It has begun collection the data itself.

System action

None.

User response

Recycle the OMEGAMON Subsystem associated with this application. If message KCNDR002W is not received after several minutes have elapsed, call IBM Software Support for further assistance.

KCNDR004W OMEGAMON SUBSYSTEM REPORTED A COUPLING FACILITY COMMUNICATION ISSUE, SWITCHING TO A LOCAL COLLECTION

Explanation:

This message comes from the client application using the OMEGAMON Subsystem for Coupling Facility data collection (KCNCFDR). This application has communicated with the subsystem, and the subsystem has reported a coupling facility communication failure. The application has begun collecting the data itself.

System action:

The application has switched to the local mode of data collection, and it will no longer try to communicate with the subsystem. The local collection mode will be used until the application is recycled.

User response:

No action is required.

KCNPR001W COUPLING FACILITY PARMS MAY NOT BE HONORED. RKANPAR FILE BLOCKSIZE IS LESS THAN THE EXPECTED 8880 SIZE. DEFAULTS MAY BE USED.

Explanation

This message comes from initialization functions in the OMEGAMON Subsystem (KCNPRSR). Parameters placed by the Configuration tool in the *&hilev.RKANPAR* data set help control Coupling Facility collection in the OMEGAMON Subsystem. The parsing code that reads these parameters is expecting the file block size to be the default size of 8880 bytes. This message indicates that the actual file blocksize is smaller than expected and that control parameters may not be properly found as a result. Default values will be used for parameters that are not located.

System action

None.

User response

Default values for parameters should be reasonable for most users. If the default parameters do not suit local needs, call IBM Software Support for further assistance. Resizing the RKANPAR file to its standard 8880 size should relieve this problem.

**KCNPR002I PARS NOT FOUND. DEFAULTS
USED FOR:**

Explanation

This message comes from initialization functions in the OMEGAMON Subsystem (KCNPRSR). There are parameters placed by the Configuration Software in the *&hilev.RKANPARU* data set to help control Coupling Facility collection in the OMEGAMON Subsystem. The parsing code that reads these parameters is expecting values for four keywords:

- XCF=
- REFRESH=
- PLEXCOLLECT=
- KCN_WTO=

This message documents those values that are not found. Built in defaults will be used for their value.

System action

None.

User response

None required. If an overriding parameter was specified but not detected, verify that it was spelled correctly, that there are no blanks after the "=" sign, and that the entire KCNSTRO0 member is less than 8880 bytes long.

KDH messages

Messages that begin with the KDH prefix are associated with the TMS:Engine.

**KDHOP001 UNRECOGNIZED SUBCOMMAND:
subcommand**

Explanation

The subcommand entered is not recognized.

System action

The subcommand is ignored.

User response

Check the spelling of the subcommand. Correct and re-enter the subcommand if necessary.

Message Type

Error

**KDHOP002 SERVER NAME OMITTED,
REQUIRED**

Explanation

The name of the server must be specified on the subcommand, but it was omitted.

System action

The subcommand is ignored.

User response

Re-enter the subcommand, specifying the server name

Message Type

Error

KDHOP003 SERVER NOT AVAILABLE: KDH

Explanation

The specified server cannot be contacted.

System action

The subcommand is ignored.

User response

If the specified server name is correct, try the subcommand later when the server is running.

Message Type

Error

KDHOP004 SERVER STARTED: KDH

Explanation

The specified server has been started.

System action

Processing continues.

User response

None

Message Type

Info

KLB messages

Messages that begin with the KLB prefix are associated with the TMS:Engine.

KLBIN000

INVALID KLB COMPONENT HEADER: REGID(*hdrlen*)

Explanation

An error has been detected in the input data to KLB component initialization.

System action

Initialization of the KLB component stops.

User response

Contact IBM Software Support.

Message Type

Alert

KLE messages

The messages that begin with the KLE prefix are associated with the TMS:Engine C language interface.

KLECF001

LONGJMP ENCOUNTERED UNCROSSABLE BOUNDARY

System action

The thread is abended.

Explanation

During LONGJMP processing a condition forbidding the LONGJMP function was detected.

User response

Contact IBM Software Support with the dump associated with this message.

System action

The thread is abended.

Severity

ABEND

User response

Contact IBM Software Support with the dump associated with this message.

KLECF003

JMPBDSA IS NULL

Explanation

During LONGJMP processing it was determined that the LONGJMP buffer chain has been exhausted.

Severity

ABEND

System action

The thread is abended.

KLECF002

LONGJMP UNABLE TO LOCATE ENVIRONMENT

Explanation

During LONGJMP processing it was determined that the LONGJMP environment was no longer intact.

User response

Contact IBM Software Support with the dump associated with this message.

Severity

ABEND

KLECF011 **UNABLE TO ALLOCATE ACB:
APPLID(*applid*)**

Explanation

An error occurred while attempting to allocate an ACB for *applid*.

System action

The ACB is not allocated.

User response

Contact IBM Software Support.

Severity

ERROR

KLECF012 **UNABLE TO OPEN ACB:
APPLID(*applid*) REASON(*reason*)**

Explanation

An error occurred while attempting to open an ACB for *applid*. *reason* is the reason code returned from open.

System action

The ACB is not opened.

User response

The REASON field contains the return code from the OPEN macro instruction. Refer to *IBM z/OS Communication Server: SNA Programming* to determine the cause of the error.

Severity

ERROR

KLECF013 **APPLICATION *appl* STARTED**

Explanation

Application *appl* was successfully started.

System action

None.

User response

None.

Severity

REPLY, INFO

KLECF014 **APPLICATION *appl* STOPPED**

Explanation

Application *appl* was successfully stopped.

System action

None.

User response

None.

Severity

REPLY, INFO

KLECF015 **DIALOG FUNCTION *function* HAS
BEEN DYNAMICALLY REPLACED**

Explanation

A dialog *function* module has been replaced by a new module.

System action

None.

User response

None.

Severity

INFO

KLECF016 **DIALOG FUNCTION *function* HAS
BEEN DYNAMICALLY ADDED**

Explanation

A new dialog *function* has been registered.

System action

None.

User response

None.

Severity

INFO

KLECF996 **ABORT REQUESTED FROM
module+X'displacement'.**

Explanation

The abort function was issued by *module* at location *displacement*.

System action

The current thread is terminated.

User response

Contact IBM Software Support with the contents of this message.

Severity

WARN

KLECF997 **ASSERTION FAILED: *expr***

Explanation

The expression *expr* in an assert statement evaluated to zero. Message KLECF998 is also produced giving the location of the assert statement.

System action

The current thread is terminated.

User response

Contact IBM Software Support.

Severity

WARN

KLECF998 **INTERRUPTED WHILE:
EXECUTING LINE *line* OF *source
file (loc)***

Explanation

The expression in an assert statement at line *line* in source file *source file* evaluated to zero. *loc* is the module and displacement of the assert statement. Message KLECF997 is also produced listing the expression that evaluated to zero.

System action

The current thread is terminated.

User response

Contact IBM Software Support.

Severity

WARN

KLECF999 **ABORT REQUESTED**

Explanation

The abort function was requested by a program.

System action

The current thread is terminated.

User response

Contact IBM Software Support.

Severity

ABEND

KLEIN001 **INVALID C LANGUAGE INTERFACE
HEADER - *module***

Explanation

During C language interface initialization processing, the specified *module* was inspected and found to have an invalid registration ID.

System action

The module is not made available to the C language environment.

User response

Contact IBM Software Support with the module name shown in this message.

Severity

INFO

KLEIN002 **FUNCTION PACKAGE IS NON-
REENTRANT: *module***

Explanation

During C language interface initialization processing, the specified *module* was inspected and found to be non-reentrant.

System action

The module is not made available to the C language environment.

User response

Contact IBM Software Support with the module name shown in this message.

Severity

INFO

**KLEIN003 C LANGUAGE INTERFACE
STARTUP PROLOGUE COMPLETE**

Explanation

The C language interface initialization prologue processing has completed successfully.

System action

Processing continues.

User response

No action is required.

Severity

INFO

**KLEIN004 C LANGUAGE INTERFACE
STARTUP EPILOGUE COMPLETE**

Explanation

The C language interface initialization epilogue processing has completed successfully.

System action

Processing continues.

User response

No action is required.

Severity

INFO

**KLEIN005 KLE_SVT VECTOR ALREADY IN
USE AT OFFSET *offset* KLE_CVT
OFFSET *cvtoff* EXISTING MODULE
- *emod*, ATTEMPTING TO STORE -
*omod***

Explanation

The C language interface initialization process has determined that two C interface support modules are attempting to use the same program vector location. *cvtoff* is the vector table offset in the KLE_CVT. *offset* is offset of the module vector. *emod* is the name of the module whose entry address is currently stored in the vector. *omod* is the name of the module requesting the use of the vector.

System action

TMS:Engine initialization is terminated.

User response

Save the RKLVLLOG and contact IBM Software Support with the contents of this message.

Severity

LOG, ERROR

**KLEIN006 KLE_CVT VECTOR ALREADY IN
USE AT OFFSET *cvtoff* EXISTING
MODULE - *emod*, ATTEMPTING TO
STORE - *omod***

Explanation

The C language interface initialization process has determined that two C interface support modules are attempting to use the same program vector location. *cvtoff* is the vector offset in the KLE_CVT. *emod* is the name of the module whose entry address is currently stored in the vector or SECONDARY VECTOR TABLE if a vector pointer in the KLE_CVT is non-zero. *omod* is the name of the module requesting the use of the vector.

System action

TMS:Engine initialization is terminated.

User response

Save the RKLVLLOG and contact IBM Software Support with the contents of this message.

Severity

LOG, ERROR

KLEIN007 INVALID CFAME VALUE - *nnnn*

Explanation

During C language interface initialization processing, the CFAME value, *nnnn*, was found to be in error.

System action

TMS:Engine initialization is terminated.

User response

Correct the CFRAME value and restart the job.

Severity

LOG, ERROR

KLEIN008 **KLEINPRO RKANPAR
PARAMETERS:**

Explanation

Module KLEINPRO logs its startup parameters as they are read from RKANPAR. This is the header message and will be followed by message KLEIN009.

System action

None.

User response

None.

Severity

LOG

KLEIN009 **parameters**

Explanation

As the parameters in module KLEINPRO are read, a log audit trail is created.

System action

None.

User response

None.

Severity

LOG

KLEIN010 **PACKAGE CONTAINS X'10' NON-
REENTRANT CONSTRUCTORS:
XXXXXXXX**

Explanation

Informational message issued during TMS:Engine startup while C Language modules are being loaded, where xxxxxxxx is the package name.

System action

None.

User response

None.

Severity

INFO

KLEIN011 **ACTION BAR C FUNCTIONS NOT
INITIALIZED**

Explanation

The C language action bar initialization routine determined that either the C interface CVT does not exist or the action bar function package could not be found.

System action

TMS:Engine initialization is terminated.

User response

Save the RKLVLOG and contact IBM Software Support with the contents of this message.

Severity

INFO

KLELS000 **ccccccc +X'00000000' MADE AN
UNSUPPORTED LIBRARY CALL TO
nnnnnnnn()**

Explanation

The routine named ccccccc at offset 00000000 called a library routine nnnnnnnn which is not supported.

System action

The routine is terminated abnormally.

User response

Contact IBM Software Support.

Severity

Warning

KLELS001 UNSUPPORTED KLE LIBRARY CALL

Explanation

A C language function program made a call to an unsupported module. Message KLELS002 is also issued.

System action

The thread is abended.

User response

Contact IBM Software Support with the module names shown in message KLELS002.

Severity

ABEND

KLU messages

The messages that begin with the KLU prefix are associated with the Tivoli Enterprise Monitoring Server on z/OS or Tivoli Management Services:Engine (TMS:Engine).

KLUAP002 APDSM/ALLOCEAB \$PSM-ALLOCX ERROR

Explanation

An internal error was detected by TMS:Engine.

System action

TMS:Engine forces an abend with the completion code U0100. The abend is associated with a single TMS:Engine user, whose terminal will hang. System operation for other users will continue normally. A VCANCEL command may be necessary to reinstate the hung user. TMS:Engine automatically writes a formatted dump to the RKLVSNAPE data set.

User response

Contact IBM Software Support.

Severity

ABEND

KLUAP003 APDSM DATA STREAM REPROCESSED FOR *session_id* USERID=*userid*

KLELS002 *caller* MADE AN UNSUPPORTED LIBRARY CALL: *nnnn*

Explanation

A C language function program made a call to an unsupported module.

System action

The thread is abended.

User response

Contact IBM Software Support with the module names shown in this message.

Severity

WARNING

Explanation

This error occurred during processing of the application data stream for the specified *session_id* and *userid*.

System action

None.

User response

None.

Severity

INFO

**KLUDF001 FIELD DATA:
*dddddddddddddddddd***

Explanation

A VSSDEBUG statement was encountered in a dialog. This message displays the data from a 3270 field.

System action

Processing continues.

User response

None

Severity

INFO

KLUDF002 **FIELD ATTRIBUTE: xx**

Explanation

A VSSDEBUG statement was encountered in a dialog. This message displays the attribute byte from a 3270 field.

System action

Processing continues.

User response

None

Severity

INFO

KLUDF011 **INVALID TRIGGER DEFINITION
BLOCK**

Explanation

The VSSTRIG function contained an invalid trigger definition block. This is a serious error.

System action

The address space terminates.

User response

Contact IBM Software Support.

Severity

ABEND

KLUDF020 *rrrrrrrr, VSSINFO*
'xxxxxxxxxxxxxxxxxxxx'

Explanation

A VSSINFO statement was encountered in a dialog but it contains a syntax error indicated by *rrrrrrrr*. The operands on the VSSINFO statement are *xxxxxxxxxxxxxxxxxxxx*.

System action

The current dialog is terminated.

User response

Edit the dialog and correct the VSSINFO statement.

Severity

ABEND

KLUDF021 *option IS NOT A VSSINFO OPTION*

Explanation

The specified option is not valid for the VSSINFO function. FOREGID is currently the only valid option.

System action

The current dialog fails.

User response

Specify a valid option and retry.

Severity

REPLY

KLUDF022 **VSENTRY NOT ISSUED PRIOR TO
VSSINFO**

Explanation

A dialog invoked the VSSINFO function before VSENTRY. VSENTRY must be invoked prior to any other VSS function.

System action

The current dialog fails.

User response

Correct the dialog and retry.

Severity

REPLY

KLUDF023 **FUNCTION VSSDEF INVOKED
FROM DIALOG *dialog* IS NO
LONGER SUPPORTED**

Explanation

A dialog invoked the VSSDEF function, which is no longer supported.

System action

dialog completes with unpredictable results, generating RC=0.

User response

Use VSSALOC instead of VSSDEF and retry.

Severity

LOG

**KLUFG001 FOREGROUND SET FAILED FOR
 userid**

Explanation

Dialog command VSSFOREG failed.

System action

Return code 20 is set for the command.

User response

Retry the command.

Severity

REPLY

**KLUFT000 VSSFTMGR: DIALOG LOOP
 DETECTED FOR USER *userid***

Explanation

An error in the controlling dialog causes the dialog to return immediately without moving a session to the foreground.

System action

The user window disappears.

User response

Review the message and correct the controlling dialog. If unable to locate the error, call IBM Software Support.

Severity

LOG, VIEW

KLUFT001 RESOURCE ERROR

Explanation

An unexpected error has occurred in connection with processing a trigger dialog.

System action

The process is abnormally terminated.

User response

Contact IBM Software Support.

Severity

ERROR

KLUFT002 LOOP AVERTED

Explanation

An internal error was detected by TMS:Engine.

System action

TMS:Engine forces an abend with completion code U0100. The abend is associated with a single TMS:Engine user, whose terminal will hang. System operation for other users will continue normally. TMS:Engine will automatically create a dump.

User response

A VCANCEL command may be necessary to reinstate the hung user. Contact IBM Software Support for help in resolving the error condition or in gathering the problem documentation that IBM Software Support requires to research the error condition.

Severity

ABEND

**KLUFU001 #VSSFUCB ERROR: SESSION
 STILL ACTIVE**

Explanation

An attempt was made to free a user control block while a session was still active.

System action

TMS:Engine takes a diagnostic abend with completion code U0100. The abend is associated with a single TMS:Engine user, whose terminal may hang. A VCANCEL command may be necessary to reinstate the hung user.

User response

Contact IBM Software Support.

Severity

ABEND

KLUFU101 WINDOW INTEGRITY ERROR

Explanation

An internal error was detected.

System action

The user's sessions are terminated.

User response

Contact IBM Software Support.

Severity

ABEND

KLUIB001 BUFFER SYNCHRONIZATION ERROR

Explanation

While processing an inbound request, a synchronization error was detected for a virtual terminal buffer. This is a serious error.

System action

The address space terminates.

User response

Contact IBM Software Support.

Severity

LOG

KLUIN001 VIRTUAL SESSION SUPPORT INITIALIZATION COMPLETE

Explanation

The successful initialization of virtual session support is logged to create an audit trail.

System action

None.

User response

None.

Severity

INFO

KLUIN002 UNABLE TO LOAD VIRTUAL SESSION SUPPORT COMPONENT module

Explanation

Virtual session support is unable to load the required component module. This error is usually caused by the absence of module from the TMS:Engine load library.

System action

Initialization terminates.

User response

Look for additional information in messages in the KLVCMnnn format. Correct the error and restart virtual session support.

Severity

ALERT

KLUIN003 KLUINVSS RKANPAR PARAMETERS:

Explanation

Module KLUINVSS logs its startup parameters as they are read from RKANPAR. This is the header message and will be followed by message KLUIN004.

System action

None.

User response

None.

Severity

LOG

KLUIN004 parameters

Explanation

As the parameters in module KLUINVSS are read, a log audit trail is created.

System action

None.

User response

None.

Severity

LOG

KLUOP001 **VSHOW ARGUMENT LIST:
argument list**

Explanation

Displays the arguments that were specified for this VSHOW command.

System action

None.

User response

None.

Severity

REPLY

KLUOP002 *session*
(appl,luname,cid,pool,logmode)
**{TAKEDOWN | SETUP | ACTIVE[-
F]} COMPRESSION {nnn% | OFF}**

Explanation

This reply from the VSHOW command appears if ACTIVE is specified. It follows KLUOP009 and displays information about a virtual session for the user. *session* is the virtual session ID; *applid* is the application name; *luname* is the logical unit name; *cid* is the VTAM network resource ID; *pool* is the virtual terminal pool name; and *logmode* is the VTAM logmode.

TAKEDOWN means the session is currently being terminated; SETUP means the session is currently initializing; ACTIVE means the session is active. (-F) is displayed if the session is in the foreground at the user's terminal.

If compression is active, *nnn* displays the percentage of data stream compression; if not active, OFF is shown. The percentage is calculated by:

```
Compression-Percent =
```

```
PLU-to-SLU-bytes - Term-Update-Bytes  
-----  
PLU-to-SLU-bytes
```

System action

None.

User response

None.

Severity

REPLY

KLUOP003 **PLU ---> SLU: MSGS(*messages*)
BYTES(*bytes*)**

Explanation

This reply from the VSHOW command appears if STATS is specified. It lists the accumulated number of messages and bytes sent from the primary logical device to the secondary logical device.

System action

None.

User response

None.

Severity

REPLY

KLUOP004 **SLU ---> PLU: MSGS(*messages*)
BYTES(*bytes*)**

Explanation

This reply from the VSHOW command follows KLUOP003 and lists the accumulated number of messages and bytes sent from the secondary logical unit to the primary logical unit.

System action

None.

User response

None.

Severity

REPLY

KLUOP005 **TERM REFRESH: MSGS(messages)**
BYTES(bytes)

Explanation

This reply from the VSHOW command follows KLUOP004 and lists the accumulated number of messages and bytes sent to refresh the display on the terminal. A refresh occurs when the user switches between virtual sessions or an asynchronous pop-up is displayed.

System action

None.

User response

None.

Severity

REPLY

KLUOP006 **TERM UPDATE: MSGS(messages)**
BYTES(bytes)

Explanation

This reply from the VSHOW command follows KLUOP005 and lists the accumulated amount of real traffic to the physical terminal in messages and bytes.

System action

None.

User response

None.

Severity

REPLY

KLUOP007 **SESSION session INACTIVE**

Explanation

This reply from the VSHOW command appears if INACTIVE is specified. The specified session is currently inactive.

System action

None.

User response

None.

Severity

REPLY

KLUOP008 **selected OF total USER(S), selected**
OF total SESSION(S) SELECTED

Explanation

This summary message lists the number of users and sessions selected by the VSHOW command options out of the total pool.

System action

None.

User response

None.

Severity

REPLY

KLUOP009 **userid {DISCONNECTED |**
userid (applid,luname,cid) ACTIVE
[CONNECTED]}

Explanation

This reply from the VSHOW command displays information about a single user. *userid* is the user's ID. CONNECTED and DISCONNECTED indicate whether the user is attached to a terminal. ACTIVE means the user is currently active. *applid* is the application the user has logged onto; *luname* is the logical unit name; *cid* is the VTAM network resource ID.

System action

None.

User response

None.

Severity

REPLY

KLUOP010 **TERM INPUT: MSGS(messages)**
BYTES(bytes)

Explanation

This reply from the VSHOW command follows KLUOP006 and lists the accumulated number of input messages and bytes received from the physical terminal while it was logically connected to the virtual session.

System action

None.

User response

None.

Severity

REPLY

KLUOP011 **VCANCEL ARGUMENT LIST:**
argument list

Explanation

Displays the arguments that were specified for this VCANCEL command.

System action

None.

User response

None.

Severity

REPLY

KLUOP012 **VCANCEL - EITHER USER OR ID
REQUIRED**

Explanation

Either a user ID or a terminal ID must be entered with the VCANCEL command.

System action

The VCANCEL request is ignored.

User response

Reissue the command with a user ID or terminal ID.

Severity

REPLY, ERROR

KLUOP013 **VFORCE - REQUIRES
USER=USERID**

Explanation

You must specify a user ID to be forced.

System action

The VFORCE command is ignored.

User response

Reissue VFORCE with the USER= keyword.

Severity

REPLY

KLUOP014 **VFORCE FOR USER *userid*
INVALID. FOR CONFERENCE USE
CCANCEL**

Explanation

The user you were trying to force is using CL/CONFERENCE. The VFORCE command will not work until you have used the CL/CONFERENCE command CCANCEL.

System action

The VFORCE command is ignored.

User response

Issue CCANCEL to cancel sessions for the CL/CONFERENCE user, then reissue VFORCE.

Severity

REPLY

KLUOP015 **USER *userid* FORCED**

Explanation

The VFORCE command was successful.

System action

None.

User response

None.

Severity

REPLY

KLUOP016 **USER *userid* NOT FORCED: *reason***

Explanation

The VFORCE command failed for one of the following reasons (which is specified when the message appears):

- **NOT FOUND:** The user ID was not found.
- **VCANCEL TERM NOT ISSUED:** You must issue VCANCEL with the TERM operand before VFORCE.
- **VIRTUAL SESSION(S) FOUND :** VFORCE found one or more virtual sessions and terminated them. Reissue VFORCE.

System action

As noted above.

User response

As noted above.

Severity

REPLY

KLUOP017 **VCANCEL FOR USER - *userid* MAY FAIL. VIRTUAL SESSIONS HUNG.**

Explanation

This user's virtual sessions are hung.

System action

The system may not respond to the command.

User response

If the system does not respond, wait a few minutes then retry VCANCEL. If VCANCEL does not work, try VFORCE.

Severity

REPLY

KLUOP018 ***cancelled OF total USER(S),
cancelled OF total SESSION(S)
CANCELLED***

Explanation

This message lists the number of users and sessions cancelled by the VCANCEL command out of the total pool.

System action

None.

User response

None.

Severity

REPLY

KLUOP019 **VFORCE ARGUMENT LIST:
*argument list***

Explanation

Displays the arguments that were specified for this VFORCE command.

System action

None.

User response

None.

Severity

REPLY

KLUOP020 **VSSTRACE(ON | OFF)
TRACING(NONE | [*applid*],*luname*)**

Explanation

This reply from the VSHOW command follows KLUOP009 and shows the trace status for the user. It is issued only when ACTIVE was specified. VSSTRACE shows the virtual session trace status, ON or OFF. TRACING shows the GTRACE options: NONE means GTRACE is not active for the user; *applid* is the application id, if ACB tracing is active, and *luname* is the logical unit name if terminal tracing is active.

System action

None.

User response

None.

Severity

REPLY

KLUOP021 **WINDOW(*winid*) TRACING(NONE | (*applid*),*luname*)**

Explanation

This reply from the VSHOW command follows KLUOP002. It shows the window ID *winid* for the virtual session or a minus sign (-) if the session is not in a window. TRACING shows the GTRACE options for this virtual session: NONE means GTRACE is not active; *applid* is the application ID, if ACB tracing is active, and *luname* is the logical unit name if terminal tracing is active.

System action

None.

User response

None.

Severity

REPLY

KLUOP022 **VIRTUAL SESSION SERVICES NOT INITIALIZED, VSHOW IGNORED**

Explanation

The VSHOW command was issued before Virtual Session Services have fully initialized.

System action

The VSHOW request is ignored.

User response

Wait until message KLUIN001 is written to RKLVLLOG, showing Virtual Session Services initialization is complete, then retry the command.

Severity

WARN

KLUOP023 **STATS INVALID WITH SUMMARY, STATS IGNORED.**

Explanation

The VSHOW command was entered with the SUMMARY and STATS keywords. These are mutually exclusive.

System action

The STATS keyword is ignored.

User response

If you wish statistics, reissue the VSHOW command without the SUMMARY keyword.

Severity

REPLY

KLUOP030 **VIRTUAL SESSION SERVICES NOT INITIALIZED, VCANCEL IGNORED.**

Explanation

The VCANCEL command was issued before Virtual Session Services have fully initialized.

System action

The VCANCEL request is ignored.

User response

Wait until message KLUIN001 is written to RKLVLLOG, showing Virtual Session Services initialization is complete, then retry the command.

Severity

WARN

KLUOP200 **TRACE CLASS(USER) STATUS:
USER(*userid*): {ENABLED |
PENDING | DISABLED} *** END
OF TRACE STATUS *****

Explanation

These lines are the output for the VSSTRACE command when neither ON nor OFF was specified. They show the current status for each user for which tracing was requested. ENABLED means tracing is active; PENDING means the user is not logged on but a trace request will be issued when he does log on; DISABLED means tracing is currently inactive.

System action

None.

User response

None.

Severity

REPLY

KLUOP201 **TRACE REQUEST REJECTED.
REQUIRED ARGUMENT NOT
SPECIFIED**

Explanation

A VSSTRACE command was specified without the required user ID.

System action

The VSSTRACE command is ignored.

User response

Reissue the VSSTRACE command with a user ID.

Severity

ERROR

KLUOP202 **TRACE USER (userid) {ENABLED |
QUEUED | DISABLED}**

Explanation

The trace request for userid has been performed. ENABLED means tracing is active. QUEUED means tracing will start when userid logs on. DISABLED means tracing is not active.

System action

None.

User response

None.

Severity

REPLY

KLUOP203 **GTF INTERFACE HAS NOT BEEN
ENABLED**

Explanation

A VSSTRACE request has been issued for a resource but the GTF interface has not been enabled.

System action

The command continues, but GTF output will not be produced.

User response

Issue the GTF ON command to enable GTF tracing.

Severity

ALERT

KLUPM001 **PENDING OUTBOUND MESSAGE
LIMIT EXCEEDED LU *luname*
USERID *userid*. ALL VIRTUAL
SESSIONS CANCELLED.**

Explanation

A runaway application generated too many messages.

System action

Cancels sessions for this luname/user ID.

User response

None. This is an application problem.

Severity

ALERT

KLUVT000 **PENDING OUTBOUND MESSAGE
LIMIT EXCEEDED LU(*luname*)
USERID:(*userid*). PHYSICAL
SESSION CANCELLED.**

Explanation

An excessive number of outbound messages have been logged, causing the physical session to terminate.

System action

Physical session is cancelled.

User response

Make sure that there are no runaway applications. If there are no runaway applications, check the outbound message limit; it may be set too low.

Severity

LOG

KLUVT001 **PENDING OUTBOUND MESSAGE
LIMIT EXCEEDED LU(*luname*)
USERID(*userid*). ALL VIRTUAL
SESSIONS CANCELLED.**

Explanation

An excessive number of outbound messages have been logged. All virtual sessions are cancelled.

System action

None.

User response

Make sure that there are no runaway applications. If there are no runaway applications, check the outbound message limit; it may be set too low.

KLUVT002	PENDING OUTBOUND MESSAGE LIMIT EXCEEDED. LU(<i>luname</i>) USERID(<i>uuuuuuuu</i>) PHYSICAL SESSION CANCELLED
-----------------	--

Explanation

The outbound physical message limit has been exceeded on the virtual session.

System action

The session is terminated.

User response

This message may indicate that a dialog contains an error that causes large volumes of data to be produced.

KLUXD001	QUERY REPLY DATA IS NOT VALID FOR USERID <i>user</i>
-----------------	---

KLV messages

The messages that begin with the KLV prefix are associated with the Tivoli Enterprise Monitoring Server on z/OS or Tivoli Management Services: Engine (TMS:Engine).

KLVDI001	KLVWAIT INVOKED FROM UNSUPPORTED ENVIRONMENT
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Explanation

TMS:Engine dispatcher was invoked from SRB mode.

System action

TMS:Engine abends U0200.

User response

Contact IBM Software Support.

Explanation

A 3270 datastream READ PARTITION QUERY command is sent to the user's physical terminal device (if the logmode used by the physical terminal can be queried). When the device returns the requested replies, some basic validity checks are performed on the query reply data. This message is issued if any of these checks fail.

System action

Initialization is completed for the user, but the invalid query reply data is ignored. Any READ PARTITION QUERYs issued by applications on the virtual sessions are responded to with a single NULL query reply.

User response

At the time message KLUXD001 is sent to the RKLVL0G data set, a snap of the query reply data that failed the validity checks is taken. The snap data is in the RKLVSNAPE data set and is identified as REQUESTED FROM KLUXQANA. Use timestamps in the RKLVL0G and RKLVSNAPE data to correlate messages and snaps if multiple instances exist. Save these data sets and contact IBM Software Support for further assistance.

Severity

LOG

Message Type

Reply

KLVDL001	INVALID LOGON STRING, EXCESS IGNORED
-----------------	---

Explanation

The user data passed to the KLVENTRY dialog contains more than five subfields.

System action

The excess fields are ignored.

User response

Correct the user data definition to contain no more than five fields, separated by nulls. Valid fields are user ID, password, group, account, and procedure.

Message Type

None

KLVDL002 *key IS NOT ACTIVE*

Explanation

A function key that is not assigned a function was pressed.

System action

The *key* is ignored.

User response

Refer to the bottom of the display panel for a list of active keys.

Message Type

None

KLVDL003 *dlg: system*
Desc=descriptor, Charset=charset,
CGCSGID=cgcsgid, APL
support=support

Explanation

This message is generated when logging onto a CUA application. *dlg* is the dialog that determines whether the terminal will support APL characters when the screen is displayed. *system* is the terminal-id for the current session. The *descriptor* defines one terminal storage and symbol-set characteristics entry. The *charset* is the terminal storage identification: 'X'00' to '07'. The *cgcsgid* is the coded graphic character set global identifier value. The *support* value of 0 indicates that APL is not supported, while a value of 1 indicates that APL is supported.

System action

None.

User response

Refer to the values in the message to resolve problems with APL support for a given terminal.

Message Type

None

KLVDL101 *appl / lang / ddname: INVALID*
APPLID

Explanation

An TMS:Engine-based application has invoked the help processor with an invalid parameter list. *appl* is the product code, which is incorrect. *lang* is the language code. *ddname* is the associated help file.

System action

The help processor stops.

User response

Save the TMS:Engine RKLVL0G and contact IBM Software Support.

Message Type

LOG, VIEW

KLVDL102 *appl / lang / ddname: INVALID*
LANGUAGE

Explanation

An TMS:Engine-based application has invoked the help processor with an invalid parameter list. *appl* is the product code. *lang* is the language code, which is incorrect. *ddname* is the associated help file.

System action

The help processor terminates.

User response

Save the TMS:Engine RKLVL0G and contact IBM Software Support.

Message Type

LOG, VIEW

KLVDL103 *appl / lang / ddname: TBCREATE*
FAILED FOR table; RC=rc

Explanation

The TMS:Engine help processor cannot create the table *table* which will contain help information. *rc* is the return code from the TBCREATE SSPL dialog function. *appl* is the product code. *lang* is the language code. *ddname* is the associated help file.

System action

The help processor stops processing either the glossary or index.

User response

Save the TMS:Engine RKLVLLOG and contact IBM Software Support.

Message Type

LOG, VIEW

KLVDL104 *appl / lang / ddname: IPC CREATE FAILED FOR qname; RC=rc*

Explanation

The TMS:Engine help processor cannot create the communications queue *qname* for its internal processing. *rc* is the return code from the IPC CREATE SSPL dialog function. *appl* is the product code. *lang* is the language code. *ddname* is the associated help file.

System action

The help processor terminates.

User response

Save the TMS:Engine RKLVLLOG and contact IBM Software Support.

Message Type

LOG, VIEW

KLVDL105 *dlg: DD(ddname) - KLVRDIR FAILED; RC=rc*

Explanation

The TMS:Engine help processor cannot read the directory of the help library allocated to *ddname*. *dlg* is the dialog that has detected the error; *rc* is the return code from the utility program that was reading the directory.

System action

The help processor terminates.

User response

Ensure that the TMS:Engine address space has the DD *ddname* allocated to it and that it points to a partitioned data set containing help text. If a security package such as RACF® is being used, the TMS:Engine

address space must have read access to the help libraries.

Message Type

None

KLVDL106 *dlg: DD(ddname) - [INDEX | GLOSSARY] MEMBER(mem) PROCESSING FAILED; RC=rc*

Explanation

The TMS:Engine help processor could not process the help member *mem* to extract the index or glossary information. *dlg* is the dialog that has detected the error, *ddname* is the DD name of the associated help library, and *rc* is the return code from the utility program that was processing *mem*.

System action

The help processor terminates.

User response

Save the TMS:Engine RKLVLLOG and contact IBM Software Support.

Message Type

None

KLVDL107 *appl / lang / ddname: IPC DEQUEUE INVALID HANDLE*

Explanation

During shutdown processing, the TMS:Engine help processor could not release its communications queue. *appl* is the product code. *lang* is the language code. *ddname* is the associated help file.

System action

The help processor terminates.

User response

Save the TMS:Engine RKLVLLOG and contact IBM Software Support.

Message Type

LOG, VIEW

KLVDL108 *appl / lang / ddname: IPC DEQUEUE CONTENTION*

Explanation

During shutdown processing, the TMS:Engine help processor detected contention while accessing its communications queue. *appl* is the product code. *lang* is the language code. *ddname* is the associated help file.

System action

The help processor terminates.

User response

Save the TMS:Engine RKLVLLOG and contact IBM Software Support.

Message Type

LOG, VIEW

KLVDL109 *appl / lang / ddname:* NO [INDEX | GLOSSARY] ENTRIES GENERATED

Explanation

The TMS:Engine help processor did not find any index or glossary entries during initialization of a TMS:Engine-based application. *appl* is the product code. *lang* is the language code. *ddname* is the associated help file.

System action

The help index or glossary will not be available.

User response

Save the TMS:Engine RKLVLLOG and contact IBM Software Support.

Message Type

LOG, VIEW

KLVDL110 *dlg:* [INDEX | GLOSSARY] TABLE(*table*) CANNOT BE OPENED; RC=*rc*

Explanation

While attempting to respond to a help request, the TMS:Engine help processor was unable to open the table *table* that contains help index or glossary information. *dlg* is the dialog that has detected the error; *rc* is the return code from the TBOPEN SSPL dialog function.

System action

The help processor terminates; help or the glossary is not available for the application.

User response

Review the TMS:Engine RKLVLLOG for other KLVDL*nnn* messages that may have been issued, and respond as directed. Otherwise, save the RKLVLLOG and contact IBM Software Support.

Message Type

None

KLVDL111 *appl / lang / ddname/ member:* MEMBER NOT FOUND

Explanation

While attempting to update a help index or glossary table, the TMS:Engine help processor was unable to locate the partitioned data set member in the *ddname* file. *appl* is the product code. *lang* is the language code.

System action

No further processing is performed for *member*; the help processor continues with any other pending requests.

User response

Save the TMS:Engine RKLVLLOG and contact IBM Software Support.

Message Type

LOG, VIEW

KLVDL112 *appl / lang / ddname/ member:* NO PRIMARY INDEX FOR *term*

Explanation

While attempting to update a help index table, the TMS:Engine help processor detected an error in partitioned data set member, *member*, in the *ddname* file. *term* is the data associated with the error. *appl* is the product code. *lang* is the language code.

System action

term is ignored; the help processor continues with any other pending requests.

User response

Save the TMS:Engine RKLVLLOG and contact IBM Software Support.

Message Type

LOG, VIEW

KLVDL113 *dlg: TBCREATE FAILED FOR table; RC=rc*

Explanation

The TMS:Engine date processor cannot create the table *table* which will contain date formatting information. *dlg* is the dialog that has detected the error; *rc* is the return code from the TBCREATE SSPL dialog function.

System action

The date processor terminates.

User response

Save the TMS:Engine RKLVLLOG and contact IBM Software Support.

Message Type

None

KLVDL114 *dlg: IPC CREATE FAILED FOR qname; RC=rc*

Explanation

The TMS:Engine date processor cannot create the communications queue *qname* for its internal processing. *dlg* is the dialog that has detected the error; *rc* is the return code from the IPC CREATE SSPL dialog function.

System action

The date processor terminates.

User response

Save the TMS:Engine RKLVLLOG and contact IBM Software Support.

Message Type

None

KLVDL115 *dlg: IPC DEQUEUE INVALID HANDLE; RC=rc*

Explanation

During shutdown processing, the TMS:Engine date processor could not release its communications queue. *dlg* is the dialog that has detected the error; *rc* is the return code from the IPC DEQUEUE SSPL dialog function.

System action

The date processor terminates.

User response

Save the TMS:Engine RKLVLLOG and contact IBM Software Support.

Message Type

None

KLVDL116 *dlg: IPC DEQUEUE CONTENTION; RC=rc*

Explanation

During shutdown processing, the TMS:Engine date processor detected contention while accessing its communications queue. *dlg* is the dialog that has detected the error; *rc* is the return code from the IPC DEQUEUE SSPL dialog function.

System action

The date processor terminates.

User response

Save the TMS:Engine RKLVLLOG and contact IBM Software Support.

Message Type

None

KLVDL117 *appl / lang / ddname: PDS SETWRT FAILED; RC=rc*

Explanation

While attempting to read a partitioned data set directory, the TMS:Engine help processor received return code *rc* from the PDS SSPL dialog function. *appl* is the product code. *lang* is the language code. *ddname* is the associated help file.

System action

No help or glossary information is available.

User response

Save the TMS:Engine RKLVLLOG and contact IBM Software Support.

Message Type

LOG, VIEW

KLVDL118 *appl / lang / ddname / member:*
MISSING INCLUDE NAME

Explanation

While attempting to update a help index table, the TMS:Engine help processor detected an error in partitioned data set member, *member*, in the *ddname* file. *appl* is the product code. *lang* is the language code.

System action

term is ignored; the help processor continues with any other pending requests.

User response

Save the TMS:Engine RKLVLLOG and contact IBM Software Support.

Message Type

LOG, VIEW

KLVDL119 *appl / lang / ddname/ member:*
**[INDEX | GLOSSARY] TBMOD
FAILED RC=*rc***

Explanation

While attempting to update a help index or glossary table, the TMS:Engine help processor received an error (*rc*) on a TBMOD request. *member* is the partitioned data set member being processed, which resides in the *ddname* file. *appl* is the product code. *lang* is the language code.

System action

Further processing for the help index or glossary is terminated.

User response

Save the TMS:Engine RKLVLLOG and contact IBM Software Support.

Message Type

LOG, VIEW

KLVDL120 *appl / lang / ddname:* **GLOSSARY/
INDEX SHUTDOWN COMPLETE**

Explanation

The TMS:Engine help processor received a **quit** request and has terminated the help glossary and index tables normally. *appl* is the product code. *lang* is the language code. *ddname* is the associated help file.

System action

None.

User response

None.

Message Type

LOG, VIEW

KLVDL121 *appl / lang / ddname:* **GLOSSARY/
INDEX STARTUP COMPLETE**

Explanation

The TMS:Engine help processor has completed initialization of the help glossary and index tables. *appl* is the product code. *lang* is the language code. *ddname* is the associated help file.

System action

None.

User response

None.

Message Type

LOG, VIEW

KLVDL201 **TABLE *action* REQUEST FROM
USER(*userid*) TERM(*termid*) FOR
*table***

Explanation

The KLVTBULD SSPL dialog has been invoked to load or unload *table*. *action* is LOAD or UNLOAD, *userid* is the user, and *termid* is the terminal that invoked KLVTBULD.

System action

The load or unload request continues. Message KLVDL202 may follow this message if table is being loaded with a different name.

User response

None.

Message Type

INFO

KLVDL202 **NEW TABLE NAME IS *newname***

Explanation

The KLVTBULD SSPL dialog has been invoked to load a table with a name (*newname*) different than the original name.

System action

The load or unload request continues.

User response

None.

Message Type

INFO

KLVDL300 ***appl* USEREXIT(*dlg*) RETURNED
INVALID RESULT(*rc*)**

Explanation

A programming error has been detected in dialog application *appl*.

System action

The dialog application is terminated.

User response

Save the contents of this message and contact IBM Software Support.

Message Type

LOG, VIEW

KLVDL301 ***appl apdlg tkdlg text***

Explanation

Dialog application *appl* has requested that debugging information be written to RKLVLLOG. Message KLVDL302 may follow this message.

System action

None.

User response

None.

Message Type

LOG, VIEW

KLVDL302 **USEREXIT(*dlg*) KEY(*key*)
TEXT(*text*)**

Explanation

This message follows KLVDL301 and contains debugging information.

System action

None.

User response

None.

Message Type

LOG, VIEW

KLVDL303 ***appl* USEREXIT(*dlg*) DID NOT
RETURN A SYSKEY VALUE**

Explanation

A programming error has been detected in dialog application *appl*.

System action

The dialog application is terminated.

User response

Save the contents of this message and contact IBM Software Support.

Message Type

LOG, VIEW

KLVDL400 **TERMINAL OUTPUT WILL BE FORCED TO {UPPER CASE | MIXED CASE}**

Explanation

The KLVCASE dialog has been invoked to force subsequent logons to SSPL-based products to be displayed in upper or mixed case.

System action

None.

User response

None.

Message Type

LOG, VIEW. This message is also written to the z/OS SYSLOG.

KLVDM001 **MINIMUM/MAXIMUM OPTIONS MUTUALLY EXCLUSIVE: RKANPENU *dialog* LINE *line***

Explanation

The MINIMUM and MAXIMUM options specified on a) BODY dialog statement are mutually exclusive. The associated *dialog* and line number are shown for reference.

System action

Panel interpretation fails.

User response

If the problem is with a user-defined dialog, correct the error and try to refresh the panel. If the problem is with an IBM-supplied dialog, contact IBM Software Support.

Message Type

WARNING

KLVDM002 **STRING VARIABLE TOO LONG**

Explanation

The TMS:Engine variables manager detected an attempt to use a string longer than approximately 30,000 bytes.

System action

The thread is terminated with a U0100 abend, sending a dump to the RKLVSnap file or the system's dump data sets or both.

User response

Keep the TMS:Engine run sheets, dump files, this message, and the z/OS system log. Then contact IBM Software Support.

Message Type

Abend

KLVDM003 **VARIABLE NAME EXPECTED: *library(dialog)* LINE(*line*)**

Explanation

The BODY section of dialog *dialog* contains an input field that does not contain a variable name, or a variable name prefix (typically an ampersand, &) that is not followed by a variable name. *library* is the DD name that contains the dialog. *line* is the location where the error was detected.

System action

The dialog compilation fails.

User response

Contact IBM Software Support.

Message Type

LOG, VIEW

KLVDM004 **ATTRIBUTE CONFLICT FOR ATTR(*attr*) *library(dialog)* LINE(*line*)**

Explanation

The specified attribute, *attr*, in the BODY section of dialog *dialog*, conflicts with either an attribute that was previously defined or the variable name prefix (usually an ampersand, &). *library* is the DD name that contains the dialog. *line* is the location where the error was detected.

System action

The dialog compilation fails.

User response

If the problem is with a user-defined dialog, check your panel definition and correct the error. If the problem is with an IBM-supplied dialog, contact IBM Software Support.

Message Type

LOG, VIEW

KLVD005 **VARIABLE NAME TOO LONG 'varname': library(dialog) LINE(line)**

Explanation

The BODY section of dialog *dialog* contains a variable name, *varname*, that is longer than 8 characters.

System action

The dialog compilation fails.

User response

If the problem is with a user-created dialog, shorten the variable name to 8 characters or less and issue the REFRESH command to determine if the panel definition is correct. If the problem is with an IBM-supplied dialog, contact IBM Software Support.

Message Type

LOG, VIEW

KLVD005_d **ILLEGAL VARIABLE NAME: MEMBER (\$ddmbr) LINE (\$ddline)**

Explanation

An illegal variable name in line *\$ddline* of member *\$ddmbr* was encountered.

System action

The dialog is terminated.

User response

Contact IBM Software Support.

Message Type

ERROR

KLVD006 **OPEN MIX STRING: library(dialog) LINE(line)**

Explanation

Line *line* of dialog *dialog* contains a DBCS shift-out character without a subsequent shift-in character. All DBCS mix strings must be complete on one line in the BODY section of a dialog. *library* is the DD name that contains the dialog.

System action

The panel compilation fails.

User response

If the problem is with a user-defined dialog, check your panel definition and correct the error. If the problem is with an IBM-supplied dialog, contact IBM Software Support.

Message Type

LOG, VIEW

KLVD007 **TABLE VARIABLE CONFLICT WITH VARIABLE 'var': library(dialog) LINE(line)**

Explanation

The variable *var* appears as both a table variable and a dialog variable in the BODY section of dialog *dialog*. Only one type of declaration is allowed. *library* is the DD name that contains the dialog. *line* is the location where the error was detected.

System action

The panel compilation fails.

User response

If the problem is with a user-defined panel, check your panel definition and correct the error. If the problem is with an IBM-supplied panel, contact IBM Software Support.

Message Type

LOG, VIEW

KLVD008 **NEGATIVE LENGTH STRING DETECTED BY KLVD008**

Explanation

An internal error has been detected by the TMS:Engine variables manager.

System action

The request is terminated with a U0100 abend, sending a dump to the RKLVSnap file or the system's dump data sets.

User response

Keep the TMS:Engine run sheets, dump files, this message, and the z/OS system log. Then contact IBM Software Support.

Message Type

ABEND

KLVD009	DIALOG VARIABLE BUFFER INTEGRITY LOST
----------------	--

Explanation

The TMS:Engine variables manager detected an error in its data structures.

System action

The request is terminated with a U0100 abend, sending a dump to the RKLVSnap file and the system's dump data sets or both.

User response

Keep the TMS:Engine run sheets, dump files, this message, and the z/OS system log. Then contact IBM Software Support.

Message Type

ABEND

KLVD010	\$DMFS FAIL CALLED BY <i>dialog+X'offset'</i>
----------------	--

Explanation

This message is for internal use and appears only when DEBUG(Y) is coded in RKLVIN. It can be ignored unless requested by IBM Software Support. Message KLVD015 follows and contains additional information.

System action

None.

User response

None.

Message Type

LOG, VIEW

KLVD011	DIALOG <i>dialog</i> FAILED; RC(<i>rc</i>) REASON(<i>reason</i>)
----------------	---

Explanation

The specified *dialog* failed during execution.

System action

TMS:Engine ends the user's session unless ONERROR was specified in the dialog invoking the failing dialog. KLVD015 follows this message and displays information about the dialog, terminal, and application associated with the failure.

User response

Contact IBM Software Support or check the return code (*rc*), correct the error in the failing dialog, refresh the dialog, and retry. Possible *rc* values, their meanings, and responses:

Return code	Meaning
4	Dialog not available; either the dialog is not in TLVPNLS or it could not be compiled. Look for other KLVD0xxx messages to identify the problem and correct it.
8	Device dependent routine start-up failed. Save the MVS SYSLOG and TMS:Engine TLVLOG and job log. Then contact IBM Software Support.
12	SSPL function failed during)INIT processing. Look for other KLVD0xxx messages to identify the problem and correct it. Possibilities include using non-numeric in a numeric calculation and passing an invalid parameter to a dialog function.
16	SSPL function failed during)PROLOG processing. Same as RC(12).
20	Device not supported. This is typically caused by a non-terminal dialog attempting to use)BODY, which is not allowed. If this is the case, either do not run the dialog as a non-terminal or correct the dialog design. Otherwise, save the z/OS SYSLOG and TMS:Engine RKLVLLOG and job log. Then contact IBM Software Support.

Return code	Meaning
24	An I/O error occurred while trying to write the)BODY data to the terminal. Refer to the TMS:Engine TLVLOG file for additional messages which should identify the problem.
28	SPL function failed during)EPILOG processing. Same as RC(12).
32	SSPL function failed during)TERM processing. Same as RC(12).
36	A RESHOW command was issued in the)TERM section, which is not allowed. Correct the dialog and retry.
40	A SELECT command was issued in the)TERM section, which is not allowed. Correct the dialog and retry.
44	A TDBISPL failed, either because the dialog does not have a)BODY TABLE section, or because the physical terminal was not large enough to display at least one table row. Do not issue TDBISPL against this dialog, add a)BODY TABLE section, or ensure that the)BODY TOP and)BODY BOTTOM sections are not too large. Retry the dialog.

Message Type

LOG, VIEW, INFO

KLVD012 LOOPCTR LIMIT EXCEEDED

Explanation

The LOOPCTR limit has been exceeded for a dialog. KLVD015 follows this message and identifies the failing dialog.

System action

The dialog terminates.

User response

If the problem is with a user-defined dialog, correct the error, refresh the dialog, and test it. If the problem is with an IBM-supplied dialog, contact IBM Software Support.

Message Type

LOG, VIEW

KLVD013 INVALID NUMERIC ARGUMENT

Explanation

A dialog has attempted a numeric operation on a value that was not numeric. KLVD015 follows this message and identifies the failing dialog.

System action

The dialog terminates.

User response

Contact IBM Software Support.

Message Type

LOG, VIEW

KLVD014 MAIN STORAGE SHORTAGE

Explanation

A dialog could not be executed because the dialog manager discovered a storage shortage. KLVD015 follows this message and identifies the failing dialog.

System action

The dialog and the user's session terminate.

User response

If the error persists, notify your system administrator, who should review storage usage in TMS:Engine, and increase the MINIMUM value in the RKLVIN file.

Message Type

LOG, VIEW

**KLVD015 DIALOG(dialog)
[MEMBER(member) LINE(line)]
Language(ccc) [LU(luname)
APPL(applid)]**

Explanation

A warning or error has occurred while executing a dialog. This message follows the actual warning or error message and identifies the dialog, *dialog*, where the condition was detected.

If the information can be determined, the location of the error is shown. member is either the dialog name or the name of a COPY member included in dialog. line is the line number in member where the error occurred. ccc is the language code currently in effect.

If the executing dialog is associated with a physical terminal, luname is the logical unit name and applid is the VTAM application OD.

System action

None.

User response

None.

Message Type

LOG, VIEW

KLVD019	VARIABLE NAME TOO LONG: 'name'
----------------	---

Explanation

The TMS:Engine dialog manager detected the use of a variable name (*name*) that is longer than 8 characters, and `OPTIONS LONGVARIABLE (IGNORE)` was not coded in the KLVINDM member of RKANPAR. KLVD015 follows this message and identifies the dialog associated with the error.

System action

If `LONGVARIABLE (FAIL)` was specified, the dialog fails. Otherwise, the variable name is truncated at 8 characters and processing continues.

User response

Correct the variable name and refresh the dialog.

Message Type

LOG, VIEW

KLVD020	UNSUPPORTED/INVALID \$DMFS REQUEST RECEIVED
----------------	--

Explanation

The TMS:Engine dialog manager was passed an invalid request.

System action

The request is terminated with a U0200 abend, sending a dump to the RKLVSNAF file or the system's dump data sets or both.

User response

Keep the TMS:Engine run sheets, dump files, this message, and the z/OS system log. Then contact IBM Software Support.

Message Type

LOG, VIEW

KLVD021	name IS ALREADY DEFINED: library(dialog) LINE(line)
----------------	--

Explanation

The SSPL variable *name* is defined more than once in the DECLARE section of dialog, *dialog.library* is the DD name that contains the dialog. *line* is the location where the error was detected.

System action

The dialog compilation fails.

User response

If the problem is with a user-defined dialog, correct the error, refresh the dialog, and test it. If the problem is with an IBM-supplied dialog, contact IBM Software Support.

Message Type

LOG, VIEW

KLVD022	STATIC VARIABLE "name" IS UNDECLARED; SCOPE(scope) ASSIGNED
----------------	--

Explanation

The dialog manager detected a reference to variable, name, which was not defined in the DECLARE section of the dialog. The `NOTDECLARED(REPORT)` option was requested, either in the KLVINDM member of RKANPAR or on the `OPTION` statement in the dialog. KLVD015 follows this message and shows the dialog that contains the undeclared variable.

Note: It is acceptable for a dialog to have undeclared variables; this message is intended as a debugging tool.

System action

name is treated as if it were declared as scope *scope*, and the dialog continues executing. The `DEFAULTSCOPE` keyword on the `OPTION` statement may be used to change the default scope. This

message is issued only once for each individual reference to the variable.

User response

Review the dialog shown in message KLVD015 to determine the proper variable scope. Then add it to the DECLARE section.

Message Type

LOG, VIEW

KLVD023	DYNAMIC VARIABLE "<i>name</i>" IS UNDECLARED; SCOPE(<i>scope</i>) ASSIGNED
----------------	---

Explanation

The dialog manager detected a reference to a dynamically constructed variable, name, which was not defined in the DECLARE section of the dialog. (Dynamically constructed variable names take the general form of &(&varname).) The NOTDECLARED(REPORT) option was requested, either in the KLVINDM member of RKANPAR or on the OPTION statement in the dialog. KLVD015 follows this message and shows the dialog that contains the undeclared variable.

Note: It is acceptable for a dialog to have undeclared variables; this message is intended as a debugging tool.

System action

name is treated as if it were declared as scope *scope*, and the dialog continues executing. The DEFAULTSCOPE keyword on the OPTION statement may be used to change the default scope. This message will be issued each time the dynamic variable is referenced.

User response

Review the dialog shown in message KLVD015 to determine the proper variable scope. Then add it to the DECLARE section.

Message Type

LOG, VIEW

KLVD024	INVALID VARIABLE NAME X'<i>hexstring</i>'
----------------	--

Explanation

The dialog manager detected an invalid dynamically constructed variable name, *hexstring*. (Dynamically constructed variable names take the general form of &(&varname).) KLVD015 follows this message and shows the dialog associated with the error.

System action

A null is used for the variable's value.

User response

If the problem is with a user-defined dialog, review the dialog shown in KLVD015 and correct the SSPL code that constructs the invalid variable name. If the problem is with an IBM-supplied dialog, contact IBM Software Support.

Message Type

LOG, VIEW

KLVD030	KLVTBMGR LOGIC ERROR
----------------	-----------------------------

Explanation

The TMS:Engine tables manager detected an invalid condition while performing a request.

System action

The request is terminated with a U0200 abend, sending a dump to the RKLVSNAF file of the system's dump data sets or both.

User response

Keep the TMS:Engine run sheets, dump files, this message, and the z/OS system log, and then contact IBM Software Support.

Message Type

REPLY

KLVD031	KLVTBMGR INVALID TABLE DELETE POINTER
----------------	--

Explanation

The TMS:Engine tables manager detected an invalid condition while performing a request.

System action

The request is terminated with a U0200 abend, sending a dump to the RKLVSnap file or the system's dump data sets or both

User response

Keep the TMS:Engine run sheets, dump files, this message, and the z/OS system log, and then contact IBM Software Support.

Message Type

REPLY

KLVD040 **STATEMENT OUT OF PLACE:**
library(dialog) LINE(line)

Explanation

The OPTION statement must appear as the first or top level of a dialog that includes other common members from the panel library. *dialog* is the dialog that was being refreshed; *library* is the name of the DD that contains the member; *line* is the line number in the member where the misplaced statement was found.

System action

The panel interpretation fails.

User response

If the problem is with a user-defined dialog, move the)OPTION statement in member to beginning of the dialog, and refresh it. If the problem is with an IBM-supplied dialog, contact IBM Software Support.

Message Type

LOG, VIEW

KLVD041 ***errmsg: 'text': library(dialog)***
LINE(line)

Explanation

A statement in dialog *dialog* contains invalid syntax. *library* is the name of the DD that contains the member; *line* is the line number in the member where the error was detected. *errmsg* is an error message beginning with KLVSC; *text* is the text at or near the error.

System action

Compilation of the current source member is terminated. If dialog is a COPY member, processing

of the previous source member will continue but the compilation will be failed when all processing is complete.

User response

If the problem is with a user-defined dialog, correct the statement shown, and refresh the dialog. If the problem is with an IBM-supplied dialog, contact IBM Software Support.

Message Type

LOG, VIEW

KLVD042 **RECURSIVE COPY DETECTED**
copymem): library(member)
LINE(line)

Explanation

A COPY statement for source member *copymem* was found in a dialog that is being processed as a result of a prior COPY for the same member. *member* is the source member that contains the second COPY; *library* is the name of the DD that contains the member; *line* is the line number in the member where the second COPY was found.

System action

Compilation of the current source member is terminated. If member is a COPY member, processing of the previous source member will continue but the compilation will be failed when all processing is complete.

User response

If the problem is with a user-defined dialog, remove or correct the invalid control statement and attempt to refresh the panel. If the command completes successfully, the panel is ready for use. If the problem is with an IBM-supplied dialog, contact IBM Software Support.

Message Type

LOG, VIEW

KLVD043 **COPY MEMBER NOT**
FOUND: MEMBER(*copymem*):
library(member) LINE(line)

Explanation

The source member named on a COPY statement, *copymem*, could not be found. *member* is the source member that contains the COPY; *library* is the name of

the DD that contains the member, and that does not contain the copy member; *line* is the line number in the member where COPY was found.

System action

Compilation of the current source member is terminated. If member is a COPY member, processing of the previous source member will continue but the compilation will be failed when all processing is complete.

User response

If the problem is with a user-defined dialog, check your panel definition and correct the panel's)COPY control statement, or add the member into the panel library. Then refresh the dialog. If the problem is with an IBM-supplied dialog, contact IBM Software Support.

Message Type

LOG, VIEW

KLVD044 **UNSUPPORTED LEVEL: 'n':**
library(dialog) LINE(line)

Explanation

While compiling the SSPL dialog *dialog*, an OPTIONS statement was found at line *line* that specified an invalid LEVEL value, *n*. *library* is the name of the DD that contains the member.

System action

The dialog compilation fails.

User response

If the problem is with a user-defined dialog, correct or remove the LEVEL keyword. Recompile the dialog. If the problem is with an IBM-supplied dialog, contact IBM Software Support.

Message Type

VIEW, ERROR

KLVD045 **NOTDECLARED(text) IS INVALID:**
library(dialog) LINE(line)

Explanation

While compiling the SSPL dialog member, an OPTIONS statement was found at line *line* that specified an invalid NOTDECLARED value, *text*. *library* is the name of the DD that contains the member.

System action

The dialog compilation fails.

User response

If the problem is with a user-defined dialog, correct or remove the NOTDECLARED keyword. Recompile the dialog. If the problem is with an IBM-supplied dialog, contact IBM Software Support.

Message Type

LOG, VIEW

KLVD046 **DEFAULTSCOPE(text) IS INVALID**
library(dialog) LINE(line)

Explanation

While compiling the SSPL dialog member, an OPTIONS statement was found at line *line* that specified an invalid DEFAULTSCOPE value, *text*. *library* is the name of the DD that contains the member.

System action

The dialog compilation fails.

User response

If the problem is with a user-defined dialog, correct or remove the DEFAULTSCOPE keyword. Recompile the dialog. If the problem is with an IBM-supplied dialog, contact IBM Software Support.

Message Type

LOG, VIEW

KLVD048 **INVALID PANEL CONTROL**
STATEMENT: text: library(dialog)
LINE(line)

Explanation

An invalid panel control statement, *text*, was encountered while compiling the dialog, *dialog*. *library* is the name of the DD that contains the member; *line* is the line number in the member where the invalid statement was found.

System action

The dialog compilation fails.

User response

If the problem is with a user-defined dialog, currently supported control statements are)BODY,)EPILOGUE,)PROLOGUE,)COMMENT, and)COPY. Correct the control statement and issue the REFRESH command to determine if the panel is ready for use. If the problem is with an IBM-supplied dialog, contact IBM Software Support.

Contact IBM Software Support.

Message Type

LOG, VIEW

**KLVD049 INVALID DBCS DATA: XRC(*xrc*)
MEMBER(*panel*) LINE(*lineno*)**

Explanation

An SSPL statement containing invalid DBCS data was encountered while interpreting a panel definition. The message provides the DBVALIDATE return code *xrc*, the panel name *panel* and line number *lineno*. The following are valid *xrc* values:

Return code	Meaning
8	A DBCS subfield contains an odd number of bytes
12	A DBCS subfield contains an invalid codepoint
16	Missing SO. An SI character was detected before finding an SO.
20	Missing SI. An SO character was detected before finding an SI or end of string was detected.

System action

Panel interpretation terminates.

User response

Correct the SSPL statement and issue the REFRESH command to determine if the panel is ready for use.

Message Type

WARNING

**KLVD050 *keyword(value)* IS OUT OF RANGE
(*min-max*); DEFAULTS TO *def***

Explanation

keyword in the KLVINDM member of RKANPAR was specified with a value that is too small (*min*) or too large (*max*).

System action

The default value, *def*, will be used. TMS:Engine initialization continues.

User response

Correct the *keyword* value. If the default value is unacceptable, recycle TMS:Engine.

Message Type

WARNING

**KLVD051 DIALOG MANAGER INITIALIZED:
LIMIT(*limit*)**

Explanation

A dialog manager initialization that completes successfully logs this message to create an audit trail.

System action

None.

User response

None.

Message Type

INFO

KLVD052 DIALOG LIBRARY UNAVAILABLE

Explanation

The RKANPENU dialog library was not present or could not be opened during TMS:Engine dialog manager initialization.

System action

Dialog manager initialization fails and TMS:Engine terminates.

User response

Ensure the RKANPENU DD is present and points to a dialog library. Then restart the product.

Message Type

ALERT

KLVD053 **UNRECOGNIZED INITIALIZATION STATEMENT: *stmttype***

Explanation

The statement *stmttype* is not a valid initialization statement. The statement is in RKANPAR(KLVINDM).

System action

Initialization fails and TMS:Engine terminates.

User response

Correct the statement and retry.

Message Type

ALERT

KLVD054 ***keyword(value)* IS INVALID; DEFAULTS TO *def***

Explanation

keyword in the KLVINDM member of RKANPAR was specified with a *value* that is not a valid choice.

System action

The default value, *def*, will be used. TMS:Engine initialization continues.

User response

Correct the keyword value. If the default value is unacceptable, recycle TMS:Engine.

Message Type

WARNING

KLVD056 **KLVINDM RKANPAR PARAMETERS:**

Explanation

Module KLVINDM logs its start-up parameters as they are read from RKANPAR. This is the header message and will be followed by message KLVD057.

System action

None.

User response

None.

Message Type

LOG

KLVD057 ***parameters***

Explanation

As the *parameters* in module KLVINDM are read, a log audit trail is created.

System action

None.

User response

None.

Message Type

LOG

KLVD058 **SUPPORTED LANGUAGES: *list***

Explanation

The dialog manager has finished searching for language-specific dialog library DD statements. *list* is the list of 3-character language codes that the dialog manager has found.

System action

None.

User response

None.

Message Type

LOG

KLVD059 **COULD NOT OPEN *ddname* PANEL LIBRARY**

Explanation

The dialog manager could not open the *ddname* DD, which is a dialog library.

System action

Dialog manager initialization fails and TMS:Engine terminates.

User response

Review the job and z/OS logs for IBM data management messages (IEC) that identify the problem. Correct the error and restart the product.

Message Type

ALERT

KLVDM061	DBCS STRING TRUNCATED IN DIALOG(<i>dialogname</i>) BODY AT ROW(<i>rownum</i>) COL(<i>column</i>)
-----------------	---

Explanation

The dialog *dialogname* contains a Double-Byte Character Set (DBCS) string which is not properly terminated by a Shift-Out (SO) character.

System action

The system assumes a SO character at the indicated row and column number.

User response

Add the proper SO character.

Message Type

INFO

KLVDM070	COMPILED DIALOG EXCEEDS MAIN STORAGE LIMIT: <i>library(dialog)</i>
-----------------	---

Explanation

The compiled dialog, *dialog*, exceeds the maximum memory allocation permitted by TMS:Engine. *library* is the DD name that contains the dialog.

System action

The panel compilation is terminated.

User response

Split dialog into smaller dialogs.

Message Type

LOG, VIEW

KLVDM071	DIALOG <i>dialog</i> NOT FOUND IN <i>ddname</i> LIBRARY
-----------------	--

Explanation

Dialog *dialog* was referenced on a select statement, dialog statement, COPY statement, or the REFRESH command, but it was not in the panel library, *ddname*.

System action

If the error occurs during an operator command, the command terminates. If it occurs during dialog execution, the dialog thread will generally be terminated.

User response

If this is a user-supplied dialog, determine the location of the invalid reference, correct it, and retry the dialog. If this is an IBM-supplied dialog, contact IBM Software Support.

Message Type

LOG, VIEW

KLVDM072	CRITICAL DIALOG MAY NOT HAVE PRESENTATION CAPABILITY <i>library(dialog)</i>
-----------------	--

Explanation

A critical dialog must have a presentation space. *library* is the DD name that contains the *dialog*.

System action

The dialog compilation fails.

User response

Contact IBM Software Support.

Message Type

LOG, VIEW

KLVDM073	DOWNLEVEL CONSTRUCTS CONVERTED; CHECK RKLVLG FOR DETAILS: <i>library(dialog)</i>
-----------------	---

Explanation

While compiling the SSPL dialog *dialog*, one or more statements were found with downlevel syntax. *library* is the DD name that contains the *dialog*.

System action

None.

User response

If this is a user-supplied dialog, refer to the TMS:Engine RKLVLLOG file for KLVDM120, KLVDM125, or KLVDM126 messages associated with member. These will identify the downlevel syntax. Modify the dialog as appropriate.

If this is an IBM-supplied dialog, contact IBM Software Support.

Message Type

LOG, VIEW

KLVDM074	TRACE REQUEST IGNORED FOR <i>dialog</i> - DIALOG TRACE IS OFF
-----------------	--

Explanation

A REFRESH operator command was issued for dialog with the TRACE keyword specified. However, dialog trace is not currently active.

System action

The dialog is compiled without trace information.

User response

If you want *dialog* to be traceable, activate dialog trace with the DTRACE operator command. Then reissue the REFRESH command. Otherwise, no action is needed.

Message Type

LOG, VIEW

KLVDM101	EXCESSIVE OPERANDS: <i>statement</i> PROVIDED (<i>n</i>) ALLOWS (<i>m</i>): <i>library(dialog)</i> LINE(<i>line</i>)
-----------------	---

Explanation

n operands are provided in the procedure or function statement *statement*, but only *m* operands are allowed. *dialog* is the dialog that contains the error. *library* is the DD name that contains the dialog. *line* is the location where the error was detected.

System action

The dialog compilation fails.

User response

If this is a user-supplied dialog, correct the error and test the dialog. If this is an IBM-supplied dialog, contact IBM Software Support.

Message Type

LOG, VIEW

KLVDM102	INSUFFICIENT OPERANDS: <i>statement</i> PROVIDED (<i>n</i>) REQUIRES (<i>m</i>) <i>library(dialog)</i> LINE(<i>line</i>)
-----------------	---

Explanation

n operands are provided in the procedure or function statement *statement* but only *m* operands are required. *dialog* is the dialog that contains the error. *library* is the DD name that contains the dialog. *line* is the location where the error was detected.

System action

The dialog compilation fails.

User response

If this is a user-supplied dialog, correct the error and test the dialog. If this is an IBM-supplied dialog, contact IBM Software Support.

Message Type

LOG, VIEW

KLVDM103	VOID EXPRESSION: <i>library(dialog)</i> LINE(<i>line</i>)
-----------------	--

Explanation

An expression was provided without operands, such as *()*, in dialog *dialog*. *library* is the DD name that contains the dialog. *line* is the location where the error was detected.

System action

The dialog compilation fails.

User response

If this is a user-supplied dialog, correct the error and test the dialog. If this is an IBM-supplied dialog, contact IBM Software Support.

Message Type

LOG, VIEW

KLVDM104	OPEN EXPRESSION: <i>library(dialog)</i> LINE(<i>line</i>)
-----------------	--

Explanation

An expression was provided with more opening than closing parentheses, such as ((*expr*), in dialog *dialog*. *library* is the DD name that contains the dialog. *line* is the location where the error was detected.

System action

The dialog compilation fails.

User response

If this is a user-supplied dialog, correct the error and test the dialog. If this is an IBM-supplied dialog, contact IBM Software Support.

Message Type

LOG, VIEW

**KLVD105 UNBALANCED PARENTHESES:
*library(dialog) LINE(line)***

Explanation

An expression was provided with more closing than opening parentheses, such as (*expr*), in dialog *dialog*. *library* is the DD name that contains the dialog. *line* is the location where the error was detected.

System action

The dialog compilation fails.

User response

If this is a user-supplied dialog, correct the error and test the dialog. If this is an IBM-supplied dialog, contact IBM Software Support.

Message Type

LOG, VIEW

**KLVD106 *label IS A DUPLICATE LABEL:
*library(dialog) LINE(line)****

Explanation

The label *label* is defined more than once within the dialog *dialog*. *library* is the DD name that contains the dialog. *line* is the location where the error was detected.

System action

The dialog compilation fails.

User response

If this is a user-supplied dialog, correct the error and test the dialog. If this is an IBM-supplied dialog, contact IBM Software Support.

Message Type

LOG, VIEW

**KLVD107 IMPROPER USE OF *statement*
CONSTRUCT: *library(dialog)*
LINE(*line*)**

Explanation

The dialog management statement *statement* was used improperly. This is usually an END or UNTIL statement without a DO, or an ELSE statement without an IF. *library* is the DD name that contains the *dialog*. *line* is the location where the error was detected.

System action

The dialog compilation fails.

User response

If this is a user-supplied dialog, correct the error and test the dialog. If this is an IBM-supplied dialog, contact IBM Software Support.

Message Type

LOG, VIEW

**KLVD109 IMPROPER TOKEN USAGE:
*library(dialog) LINE(line)***

Explanation

An invalid token was detected within dialog *dialog*. This is often a misspelled dialog function name. *library* is the DD name that contains the dialog. *line* is the location where the error was detected.

System action

The dialog compilation fails.

User response

If this is a user-supplied dialog, correct the error and test the dialog. If this is an IBM-supplied dialog, contact IBM Software Support.

Message Type

LOG, VIEW

KLVD110 **OPEN CONSTRUCT(S) IN
PROCEDURE: *library(dialog)*
LINE(*line*)**

Explanation

A DO statement without an END statement was found in dialog *dialog*. *library* is the DD name that contains the dialog. *line* is the location where the error was detected.

System action

The dialog compilation fails.

User response

If this is a user-supplied dialog, correct the error and test the dialog. If this is an IBM-supplied dialog, contact IBM Software Support.

Message Type

LOG, VIEW

KLVD111 **LABEL *label* IS UNRESOLVED:
library(dialog) LINE(*line*)**

Explanation

A GOTO or CALL statement referenced a label that was not found in the dialog *dialog*. *library* is the DD name that contains the dialog. *line* is the location where the error was detected.

System action

The dialog compilation fails.

User response

If this is a user-supplied dialog, correct the error and test the dialog. If this is an IBM-supplied dialog, contact IBM Software Support.

Message Type

LOG, VIEW

KLVD112 **PREMATURE END OF MEMBER:
library(dialog) LINE(*line*)**

Explanation

The end of a dialog was reached before a statement was completed. *library* is the DD name that contains the *dialog*. *line* is the location where the error was detected.

System action

The dialog compilation fails.

User response

If this is a user-supplied dialog, correct the error and test the dialog. If this is an IBM-supplied dialog, contact IBM Software Support.

Message Type

LOG, VIEW

KLVD113 **OPEN ENVIRONMENT: '*text*':
library(dialog) LINE(*line*)**

Explanation

dialog contains an opening delimiter, *text*, without a closing delimiter. *library* is the DD name that contains the dialog. *line* is the location where the error was detected.

System action

The dialog compilation fails.

User response

If this is a user-supplied dialog, enter the closing delimiter and recompile. If this is an IBM-supplied dialog, contact IBM Software Support.

Message Type

LOG, VIEW

KLVD120 **DOWNLEVEL FUNCTION SYNTAX:
'*name*' *library(dialog)* LINE(*line*)**

Explanation

Dialog *dialog* contains a dialog function call (*name*) that does not have parentheses around its argument list. This is known as *level 0 syntax*. *library* is the DD name that contains the dialog. *line* is the location where the condition was detected.

System action

This is an information message. The dialog continues compiling.

User response

If this is a user-supplied dialog, modify the dialog so that the function arguments are enclosed in parentheses immediately following the function. If

the function has no arguments, parentheses are still required, for example, VSSREFR(). After making the changes, add)OPTION LEVEL(1) at the beginning of the dialog to indicate that functions are identified by parenthetical parameter lists.

If this is an IBM-supplied dialog, contact IBM Software Support.

Message Type

LOG, VIEW

KLVD121	UNBALANCED COMMENT DELIMITER(S): <i>library(dialog)</i> LINE(line)
----------------	---

Explanation

A comment-end delimiter (**/) was found in dialog *dialog* without a corresponding comment-start delimiter (*/**). *library* is the DD name that contains the dialog. *line* is the location where the error was detected.*

System action

The dialog compilation fails.

User response

If this is a user-supplied dialog, correct the error. If this is an IBM-supplied dialog, contact IBM Software Support.

Message Type

LOG, VIEW

KLVD122	INVALID HEX LITERAL: '\x': <i>library(dialog)</i> LINE(line)
----------------	---

Explanation

An invalid hexadecimal string, *x* was detected in dialog *dialog*. *library* is the DD name that contains the dialog. *line* is the location where the error was detected.

System action

The dialog compilation fails.

User response

If this is a user-supplied dialog, enter the correct value (\xx, where either x = 0 - 9 or A - F) and recompile. If this is an IBM-supplied dialog, contact IBM Software Support.

Message Type

LOG, VIEW

KLVD123	INVALID STRING FUNCTION: <i>'func': library(dialog)</i> LINE(line)
----------------	---

Explanation

func was coded as a string function in dialog *dialog*, but it is either not a valid SSPL statement or dialog function name or is not allowed to be used as a string function. *library* is the DD name that contains the dialog. *line* is the location where the error was detected.

System action

The dialog compilation fails.

User response

If this is a user-supplied dialog, correct the syntax and recompile. If this is an IBM-supplied dialog, contact IBM Software Support.

Message Type

LOG, VIEW

KLVD124	INVALID STRING FORMAT: ' <i>string</i> ': <i>library(dialog)</i> LINE(line)
----------------	--

Explanation

An invalid string, *string*, was detected in dialog *dialog*. It may be missing a closing quote, or may contain a missing or invalid variable name. *library* is the DD name that contains the dialog. *line* is the location where the error was detected.

System action

The dialog compilation fails.

User response

If this is a user-supplied dialog, correct the *string* and recompile. If this is an IBM-supplied dialog, contact IBM Software Support.

Message Type

LOG, VIEW

KLVD125	DOWNLEVEL REFERENCE: ' <i>text</i> ': <i>library(dialog)</i> LINE(line)
----------------	--

Explanation

A statement in dialog *dialog* was coded using a syntax that is no longer supported. *library* is the DD name that contains the dialog. *line* is the location where the condition was detected.

System action

text is converted internally to the correct syntax and message KLVD126 is issued to display it. The dialog continues compiling.

User response

If this is a user-supplied dialog, refer to KLVD126 for the correct syntax and modify the dialog accordingly. If this is an IBM-supplied dialog, contact IBM Software Support.

Message Type

LOG, VIEW

KLVD126	CONVERTED REFERENCE: 'text': <i>library(dialog) LINE(line)</i>
----------------	---

Explanation

This message follows KLVD125 and displays how the unsupported syntax was converted. *text* is the converted text. *dialog* is the dialog that contains the statement. *library* is the DD name that contains the dialog. *line* is the location where the condition was detected.

System action

None.

User response

None.

Message Type

LOG, VIEW

KLVD127	WARNING - OPEN COMMENT BLOCK: <i>library(dialog) LINE(line)</i>
----------------	--

Explanation

During refresh processing for dialog *dialog*, the dialog manager detected an open comment block (more */** than **/*). *line* is the line where the error was detected, and is typically an SSPL section marker (PROLOG,)BODY, etc.). *library* is the DD name that contains the dialog.

System action

This is a warning message only. The dialog continues compiling, but portions of the dialog may be omitted or syntax errors may be reported.

User response

If this is a user-supplied dialog, review dialog member and correct the open comment block. If this is an IBM-supplied dialog, contact IBM Software Support.

Message Type

LOG, VIEW

KLVD128	MAXIMUM ATTRIBUTES EXCEEDED FOR ATTR(<i>attr</i>): <i>library(dialog) LINE(line)</i>
----------------	---

Explanation

More than 252 panel attributes have been declared in dialog *dialog*. *attr* is the offending attribute. *library* is the DD name that contains the dialog. *line* is the location where the error was detected.

System action

The dialog compilation fails.

User response

Contact IBM Software Support.

Message Type

LOG, VIEW

KLVD130	<i>diagnostic text</i>
----------------	-------------------------------

Explanation

This message is for internal use. It can be ignored unless requested by IBM Software Support.

System action

None.

User response

None.

Message Type

LOG

KLVD131	TOKEN-TRACE, <i>next, length, value,</i> <i>current, stack, frame</i>
----------------	--

Explanation

This message is for internal use. It can be ignored unless requested by IBM Software Support.

System action

None.

User response

None.

Message Type

LOG

KLVD132	LABEL-TRACE, <i>next, length, value, current, stack, frame</i>
----------------	---

Explanation

This message is for internal use. It can be ignored unless requested by IBM Software Support.

System action

None.

User response

None.

Message Type

LOG

KLVD133	TRACE ENVIRONMENT READ FAILED, RC=<i>rc</i>
----------------	--

Explanation

An internal processing error has occurred during dialog grace statement range processing.

System action

Any previous range remains active.

User response

Save the *rc* value and contact IBM Software Support.

Message Type

REPLY

KLVD134	STATEMENT RESOURCE INITIALIZATION FAILED
----------------	---

Explanation

An internal processing error has occurred during dialog trace statement range processing.

System action

Any previous range remains active.

User response

Contact IBM Software Support.

Message Type

REPLY

KLVD201	INSUFFICIENT STORAGE FOR RESULT OF ENCDEC FUNCTION
----------------	---

Explanation

The result of an encryption or decryption function was too large for the storage area to receive it. This is a "should not occur" condition.

System action

The dialog is terminated. KLVD015 follows this message and displays information about the dialog, terminal, and application associated with the failure.

User response

Save a copy of the dialog, the contents of RKLVIN, and the TMS:Engine run sheets. Then contact IBM Software Support.

Message Type

LOG, VIEW

KLVD901	INVALID PARMS PASSED TO KLV\$DMNL
----------------	--

Explanation

An internal processing error has occurred.

System action

The current function is abended with code U0100 to force a diagnostic dump.

User response

Save the TMS:Engine run sheets and RKLVL0G, JES SYSLOG, and SVC dump. Then contact IBM Software Support.

Message Type

ABEND

KLVDM902 **LANGUAGE CODE MUST BE 3 CHARACTERS**

Explanation

A language code was entered that is too long or too short. Language codes must be 3 characters.

System action

The operator command is terminated.

User response

Reissue the command with a valid language code.

Message Type

ERROR

KLVDM903 **LANGUAGE CODE *ccc* IS NOT VALID**

Explanation

The language code, *ccc*, is not supported. Message KLVDM904 follows and lists the valid codes. The operator command is terminated.

User response

Reissue the command with a valid language code.

Message Type

ERROR

KLVDM904 **VALID CODES ARE *ccc* ...**

Explanation

The language codes recognized by TMS:Engine are displayed.

System action

None.

User response

None.

Message Type

ERROR

KLVDT001 **LUNAME *luname* NOT UNIQUE AND WILL NOT TRACE**

Explanation

A duplicate LUNAME exists on the system and tracing of *luname* will not occur.

System action

luname will not be traced.

User response

Rename *luname* so that it is unique to the system.

Message Type

INFO

KLVDT002 **DIALOG TRACE ENVIRONMENT INTEGRITY ERROR**

Explanation

There is a severe problem with the dialog trace facility (DTF) environment.

System action

Dialog tracing is terminated.

User response

Contact IBM Software Support.

Message Type

ERROR

KLVER001 **SNAP ID *snid* REQUESTED FROM *module* + X *offset***

Explanation

A \$SNAP macro was coded to request a snap of the registers or the registers and a storage area. The snap was called in *module* at offset *offset*.

System action

TMS:Engine takes the requested snap and continues.

User response

This is an IBM debugging tool developed for TMS:Engine applications, and it is specific to a particular product.

Message Type

INFO

KLVER011 **ABNORMAL TERMINATION
AVERTED: ABEND EC MODE PSW
psw REFERS TO *abndmod* + X
abndoff ABEND: SYSTEM *abend*
USER *usr***

Explanation

An abend occurred in module *abndmod* at offset *abndoff*.

System action

TMS:Engine issues snap dumps of the environment, and processing continues.

User response

Contact IBM Software Support.

Message Type

LOG, VIEW

KLVER012 **DUMPING TO SYSMDUMP**

Explanation

The system has been requested to capture a dump on the data set specified by the SYSMDUMP DD statement.

System action

TMS:Engine requested the system to take a dump of the environment. A summary dump is also taken on RKLVSnap.

User response

Copy the dump to tape and contact IBM Software Support.

Message Type

LOG, VIEW

KLVER013 **ESTAE: *estae* AT *address*
(*module* + *offset*) SNAPPING
MAIN STORAGE SNAPPING
TASK INFORMATION SNAPPING
SYSTEM INFORMATION SNAP
COMPLETE**

Explanation

An abend occurred at address in module.

System action

TMS:Engine issues snap dumps of the environment, and processing continues.

User response

Contact IBM Software Support.

Message Type

ALERT

KLVEV001 **SYSECHO(*text*)**

Explanation

The dialog control verb &SYSECHO has been detected while evaluating an expression.

System action

The requested *text* is logged.

User response

None.

Message Type

LOG, VIEW, REPLY

KLVL001 **ALL PENDING VSAM CHANGES
HAVE BEEN WRITTEN TO DASD**

Explanation

The TMS:Engine operator command, FLUSH, was issued to request the IBM VSAM data management services to write all pending VSAM records to the appropriate cluster. The request has completed successfully.

System action

None.

User response

None. To prevent accidental data loss, users are encouraged to leave the automatic FLUSH in RKANCMD(KLVSTART). To eliminate the automatic FLUSH, delete the statement from RKANCMD(KLVSTART).

Notes®

The KLVSTART member in RKANCMD, which contains commands that are performed during TMS:Engine initialization, contains an EVERY 30:00 FLUSH command. This causes FLUSH to be issued every 30 minutes.

Message Type

REPLY

**KLVFL002 ALL PENDING RKLVLG RECORDS
HAVE BEEN WRITTEN**

Explanation

The TMS:Engine operator command, FLUSH, was issued to request the IBM data management services to write all pending RKLVLG records to the currently active RKLVLG data set. The request has completed successfully.

System action

None.

User response

None.

Message Type

REPLY

**KLVFL003 ALL PENDING NAF RECORDS
HAVE BEEN WRITTEN**

Explanation

The TMS:Engine operator command, FLUSH, was issued to request the IBM data management services to write all pending Network Accounting Facility (NAF) records to the NAF data set or to SMF or both. The request has completed successfully.

System action

None.

User response

None.

Message Type

REPLY

**KLVFM001 FREE STORAGE AREA INTEGRITY
LOST**

Explanation

The integrity of the free storage area has been lost. This is caused by a storage overlay.

System action

TMS:Engine will abend U0200 to terminate the address space.

User response

Save the run sheets, dump files, and z/OS system log. Then contact IBM Software Support.

Message Type

REPLY

KLVFM002 STORAGE RELEASE ERROR

Explanation

An invalid storage release request has been detected. This may be caused by a storage overlay or an invalid address.

System action

TMS:Engine will abend U0100 to terminate the requesting thread.

User response

Save the run sheets, dump files, and z/OS system log. Then contact IBM Software Support.

Message Type

ABEND

KLVGM001 STORAGE POOL LIMIT EXCEEDED

Explanation

A request for storage exceeded the LIMIT parameter that was specified or implied at start-up.

System action

For problem determination, a dump is generated with a user abend code.

User response

Increase the limit parameter value and restart the product.

Message Type

REPLY

KLVGM002 ZERO LENGTH STORAGE REQUEST

Explanation

A zero length storage request was made to TMS:Engine.

System action

For problem determination, a dump is generated with a user abend code.

User response

Contact IBM Software Support.

Message Type

REPLY

**KLVGM003 FREE STORAGE LIST INTEGRITY
 LOST**

Explanation

The integrity of the free storage list has been corrupted.

System action

For problem determination, a dump is generated with a user abend code.

User response

Contact IBM Software Support.

Message Type

REPLY

**KLVGM004 FREE STORAGE AREA INTEGRITY
 LOST**

Explanation

The integrity of the free storage area has been corrupted.

System action

For problem determination, a dump is generated with a user abend code.

User response

Contact IBM Software Support.

Message Type

REPLY

KLVGM005 FREE STORAGE AREA EXHAUSTED

Explanation

TMS:Engine has used all available free storage and was unable to satisfy a storage allocation request.

System action

For problem determination, a dump is generated with a user abend code.

User response

Adjust the TMS:Engine MINIMUM and MAXIMUM parameters in the RKLVIN file and restart TMS:Engine.

Message Type

REPLY

**KLVGM006 FREE BLOCK INTEGRITY CHECK
 FAILED**

Explanation

TMS:Engine has detected an invalid storage release request.

System action

For problem determination, a dump is generated with a user abend code.

User response

Contact IBM Software Support.

Message Type

REPLY

**KLVHS001 HANDLE SERVICES MANAGER
 INITIALIZATION COMPLETE**

Explanation

The handle services initialization module has processed all input parameters and initialized the handle services environment without error.

System action

Processing continues.

User response

None.

Message Type

INFO

KLVHS002 *keyword(value)* OUT OF RANGE
(*min-max*) USING DEFAULT VALUE
(*default*)

Explanation

The *value* specified in the *keyword* parameter was outside the range (*min-max*) shown. The *default* value default has been substituted.

System action

Processing continues.

User response

If the default value is unacceptable, modify the *keyword* parameter in your RKANPAR member KLVINHSM and restart TMS:Engine.

Message Type

INFO

KLVHS003 REGISTER THREAD ANCHOR
FAILED FOR KLVINHSM

Explanation

An attempt to register a thread anchor for handle services manager (HSM) failed.

System action

HSM initialization is terminated.

User response

Contact IBM Software Support.

Message Type

ERROR

KLVHS004 HSM VECTOR TABLE NOT
ALLOCATED

Explanation

The address of the handle services manager vector table is zero.

System action

handle services manager initialization is terminated.

User response

Contact IBM Software Support.

Message Type

ERROR

KLVHS005 KLVINHSM RKANPAR
PARAMETERS:

Explanation

Module KLVINHSM logs its start-up parameters as they are read from RKANPAR. This is the header message and will be followed by message KLVHS006.

System action

None.

User response

None.

Message Type

LOG

KLVHS006 *parameters*

Explanation

As the *parameters* in module KLVINHSM are read, a log audit trail is created.

System action

None.

User response

None.

Message Type

LOG

KLVHS011 MAXPOOLS(*pools*) USING(*rpoools*),
MAXHANDLES(*handles*)
USING(*rhandles*)

Explanation

The specified MAXPOOLS value *pools* was rounded to *rpools*. The specified MAXHANDLES value *handles* was rounded to *rhandles*. The rounded values will be used by the handle services manager.

System action

Processing continues.

User response

None.

Message Type

INFO

KLVHS201	HANDLE NOTIFY ROUTINE ABEND (<i>tnnnn</i>) - HANDLE(<i>handle</i>) ADDR(<i>addr</i>) POOL(<i>pool</i>) EXIT(<i>exit</i>) PARM(<i>part</i>) ASSOC(<i>assoc</i>)
-----------------	---

Explanation

During handle name deregistration or handle pool purge processing, a notify routine abended. *t* is the abend type (S)ystem or (U)ser and *nnnn* is the abend code. The abend code is three hexadecimal digits for a system abend and four decimal digits for a user abend. *handle* is the handle name. *addr* is the address of the handle name block within the handle pool. *pool* is the handle pool address. *exit* is the notify routine address. *parm* is the parameter passed to the exit. *assoc* is the 32-bit associated value for this handle name.

System action

A dump is produced and cleanup processing for the handle name is terminated. Processing continues.

User response

Contact IBM Software Support. Keep dump, RKLVLLOG, SYSLOG, and runsheets.

Message Type

ERROR

KLVHS202	NO HANDLE POOLS AVAILABLE
-----------------	----------------------------------

Explanation

A request to initialize a handle pool could not be serviced because no empty table slot was available.

System action

A dump is produced and the thread is terminated.

User response

Contact IBM Software Support. Keep dump, RKLVLLOG, SYSLOG, and runsheets.

Message Type

ERROR

KLVHS203	HANDLE SERVICES MANAGER VECTOR TABLE IS INVALID
-----------------	--

Explanation

The handle services manager vector table was invalid during the processing of a handle services request.

System action

A dump is produced and the thread is terminated.

User response

Contact IBM Software Support. Keep dump, RKLVLLOG, SYSLOG, and runsheets.

Message Type

ERROR

KLVHS204	HANDLE SERVICES MANAGER RETURN AREA NOT LARGE ENOUGH
-----------------	---

Explanation

The handle services manager return area (\$HRA) was not large enough to allow required information to be returned during the processing of a handle services request.

System action

A dump is produced and the thread is terminated.

User response

Contact IBM Software Support. Keep dump, RKLVLLOG, SYSLOG, and runsheets.

Message Type

ERROR

KLVHS205	INVALID RELEASE HANDLE REQUEST
-----------------	---

Explanation

The handle use count was already zero during the processing of a handle services request to release a handle.

System action

A dump is produced and the thread is terminated.

User response

Contact IBM Software Support. Keep dump, RKLVLLOG, SYSLOG, and runsheets.

Message Type

ERROR

**KLVHS811 HANDLE SERVICES MANAGER
GLOBAL STATISTICS**

Explanation

This is the title line for the HSM Global Statistics display.

System action

None.

User response

None.

Message Type

INFO

KLVHS812 MAXIMUM POOLS = *maxpools*

Explanation

The maximum number of handle pools that can be allocated.

System action

None.

User response

None.

Message Type

INFO

**KLVHS813 MAXIMUM HANDLES PER POOL =
*maxhandles***

Explanation

The maximum number of handles available in a single handle pool.

System action

None.

User response

None.

Message Type

INFO

KLVHS814 TOTAL POOLS IN USE = *totalpools*

Explanation

The total number of handle pools that are currently allocated and in use.

System action

None.

User response

None.

Message Type

INFO

**KLVHS815 TOTAL HANDLES IN USE =
*totalhandles***

Explanation

The total number of handles in use in all pools.

System action

None.

User response

None.

Message Type

INFO

**KLVHS816 TOTAL STORAGE IN USE =
*totalstorage***

Explanation

The total amount of storage currently in use by handle services. This storage is allocated above the 16 M line.

System action

None.

User response

None.

Message Type

INFO

KLVHS817	TOTAL EXPANSIONS = <i>totalexpansions</i>
-----------------	---

Explanation

The total number of times the handle services manager performed a handle pool expansion.

System action

None.

User response

None.

Message Type

INFO

KLVHS818	AVERAGE HANDLES PER POOL = <i>averagehandles</i>
-----------------	--

Explanation

The average number of handles in a handle pool.

System action

None.

User response

None.

Message Type

INFO

KLVHS820	QUERYHSM - OWNERID= AND POOLID= KEYWORDS ARE MUTUALLY EXCLUSIVE
-----------------	--

Explanation

The QUERYHSM command was issued with both the OWNERID= and POOLID= keywords specified.

System action

Only GLOBAL statistics are displayed.

User response

Re-enter the command with either POOLID= or OWNERID= specified.

Message Type

INFO

KLVHS821	HANDLE SERVICES MANAGER GLOBAL STATISTICS DETAIL
-----------------	---

Explanation

This is the title line for the HSM Global Statistics Detail display.

System action

None.

User response

None.

Message Type

INFO

KLVHS822	POOL ID = <i>poolid</i>, OWNERID = <i>ownerid</i>, SIZE = <i>poolsize</i> BYTES
-----------------	--

Explanation

This message is printed when the QUERYHSM GLOBAL DETAIL command is entered. It is printed once for each active handle pool. *poolid* is the handle pool ID, *ownerid* is the owning logical resource name, and *poolsize* is the handle pool size in bytes.

System action

None.

User response

None.

Message Type

INFO

**KLVHS829 END OF THE HSM STATISTICS
 DISPLAY**

Explanation

This message indicates that all the requested handle services manager statistics have been displayed.

System action

None.

User response

None.

Message Type

INFO

**KLVHS830 INVALID OWNERID SPECIFIED ON
 QUERYHSM COMMAND - *ownerid***

Explanation

The specified *ownerid* is not a valid logical resource number or was not 8 characters long. The owner ID must include all leading zeros.

System action

Only GLOBAL statistics are displayed.

User response

Issue QUERYHSM DETAIL command for a list of valid owner IDs and then reissue the QUERYHSM OWNERID= command specifying all 8 characters of the owner ID.

Message Type

INFO

**KLVHS831 HANDLE SERVICES MANAGER
 LIST OWNERID STATISTICS**

Explanation

This is the title line for the handle pool owner ID statistics display.

System action

None.

User response

None.

Message Type

INFO

**KLVHS832 OWNERID = *cccccccc*, NUMBER OF
 POOLS OWNED = *nn***

Explanation

This message is printed when the QUERYHSM OWNERID= command is issued. *cccccccc* is the owner ID and *nn* is the number of pools owned.

System action

None.

User response

None.

Message Type

INFO

**KLVHS833 POOLID = *poolid*, SIZE = *nnnnnn*
 BYTES, HANDLES IN POOL =
 *hhhhhh***

Explanation

In addition to message KLVHS832, this message is printed when the QUERYHSM DETAIL OWNERID= command is issued. It is printed once, immediately following message KLVHS832, for each owned handle pool. *poolid* is the handle pool ID, *nnnnnn* is the size of the handle pool in bytes, and *hhhhhh* is the number of handles in the pool.

System action

None.

User response

None.

Message Type

INFO

**KLVHS840 INVALID POOLID SPECIFIED ON
 QUERYHSM COMMAND - *poolid***

Explanation

The value *poolid* was specified on a QUERYHSM command, but it is not a valid handle pool ID.

System action

Only GLOBAL statistics are displayed.

User response

Issue QUERYHSM DETAIL command to get a list of valid pool IDs. Then reissue the QUERYHSM POOLID= command with the correct pool ID.

Message Type

INFO

KLVHS841	HANDLE SERVICES MANAGER LIST POOLID STATISTICS
-----------------	---

Explanation

This is the title line for the handle pool statistics display.

System action

None.

User response

None.

Message Type

INFO

KLVHS843	HANDLES IN POOL = <i>handles</i>, HANDLES IN USE = <i>inuse</i>
-----------------	--

Explanation

In addition to message KLVHS822, this message is printed when the QUERYHSM DETAIL POOLID= command is issued. It is printed immediately following message KLVHS822. *handles* is the total number of handles in the handle pool and *inuse* is the number of handles that are currently in use.

System action

None.

User response

None.

Message Type

INFO

KLVHS844	PRIMARY SIZE = <i>prsize</i> HANDLES, EXPANSION SIZE = <i>expsize</i> HANDLES
-----------------	--

Explanation

In addition to messages KLVHS822 and KLVHS843, this message is printed when the QUERYHSM DETAIL POOLID= command is issued. It is printed immediately following message KLVHS843. *prsize* is the initial number of handles in the handle pool and *expsize* is the number of new handles added to the pool each time it expands.

System action

None.

User response

None.

Message Type

INFO

KLVHS845	NUMBER OF EXPANSIONS = <i>nnn</i>
-----------------	--

Explanation

In addition to messages KLVHS822, KLVHS843, and KLVHS844, this message is printed when the QUERYHSM DETAIL POOLID= command is issued. It is printed immediately following message KLVHS844. *nnn* is the number of times the handle pool has been expanded.

System action

None.

User response

None.

Message Type

INFO

KLVHS851	HANDLE SERVICES MANAGER STORAGE ISOLATION STATISTICS
-----------------	---

Explanation

This is the title line for the handle services manager storage isolation statistics display.

System action

None.

User response

None.

Message Type

INFO

KLVHS852 **PRIMARY SIZE = *prisize*,
SECONDARY SIZE = *secsize***

Explanation

The values used to allocate the storage isolation pool used by handle services. *prisize* is the initial storage amount allocated and *secsize* is the additional amount of storage allocated each time the storage pool is expanded.

System action

None.

User response

None.

Message Type

INFO

KLVHS853 **CURRENT STORAGE IN USE =
*nnnnn***

Explanation

The amount of storage in the storage pool that is currently in use.

System action

None.

User response

None.

Message Type

INFO

KLVHS854 **MAXIMUM STORAGE EVER IN USE
= *nnnnn***

Explanation

The maximum amount of storage in the storage pool that was ever in use.

System action

None.

User response

None.

Message Type

INFO

KLVHS855 **CURRENT STORAGE ALLOCATED =
*nnnnn***

Explanation

The total amount of TMS:Engine storage currently allocated to the storage pool.

System action

None.

User response

None.

Message Type

INFO

KLVHS999 **HSM COMPONENT FAILURE
AT *nnnnnnnn*+X'*oooooooo*',
POOLID(*pppp*), HANDLE(*hhhh*),
PARMLIST(*llllllll*),
POOLADDR(*aaaaaaaa*),
HSMVT(*vvvvvvvv*)**

Explanation

A failure has occurred in the handle services manager at the indicated location.

System action

The HSM request is terminated.

User response

Contact IBM Software Support.

Message Type

LOG, ERROR

KLVIC001 **CONTACT ESTABLISHED WITH**
node

Explanation

The intercommunications manager successfully established communications with *node*, usually as a result of the NODE command being issued.

System action

None.

User response

None.

Message Type

INFO

KLVIC002 **CONTACT LOST WITH** *node*

Explanation

The intercommunications manager has lost contact with *node*.

System action

None.

User response

None.

Message Type

INFO

KLVIC003 **DEFINITION COMPLETE FOR** *node*

Explanation

The intercommunications manager successfully completed initialization for *node*, usually as a result of the NODE command being issued.

System action

None.

User response

None.

Message Type

INFO

KLVIC101 **OPERATOR ACTIVE: ID(*opid*)**
LU(*ocdev*)

Explanation

Operator *opid* has logged on from device *ocdev*, causing this message to be logged as an audit trail.

System action

None.

User response

None.

Message Type

INFO

KLVIC102 **OPERATOR INACTIVE:ID(*opid*)**
LU(*ocdev*)

Explanation

Operator *opid* has logged off, creating this message to be logged as an audit trail.

System action

None.

User response

None.

Message Type

INFO

KLVIN000 **CT/IX INTERFACE INITIALIZED**

Explanation

The POSIX environment has been successfully established.

System action

None.

User response

This message is informational.

KLVIN000_d **UNABLE TO REGISTER CT/iX
THREAD or PROCESS ANCHOR:
RC(9999)**

Explanation

A fatal an unexpected error has occurred.

System action

The process terminated.

User response

Gather relevant logs and report this problem to IBM Software Support.

KLVIN001 **INVALID CT/iX INTERFACE
HEADER - <LMOD header>**

Explanation

A fatal an unexpected error has occurred.

System action

The process terminated.

User response

Gather relevant logs and report this problem to IBM Software Support.

KLVIN400 **TASK INITIALIZED: \$DQA(*dqa*)
TASK(*task*) \$DSA(*dsa*)
EVTBL(*evtbl*) DPRTY(*dprty*)**

Explanation

During TMS:Engine start-up, the TMS:Engine dispatcher started the identified task to perform its work. The displayed fields contain information useful for IBM diagnostic efforts.

System action

None.

User response

None.

Message Type

LOG

KLVIN403 **COMMAND LIBRARY
UNAVAILABLE**

Explanation

During TMS:Engine start-up the command library, DD name RKANCMD, could not be accessed. It is probably not present in the TMS:Engine JCL procedure.

System action

Any data contained in the command library is unavailable.

User response

Refer to the z/OS system log for any IBM data management messages (IEC). Determine the reason the command library could not be opened, correct it, and restart TMS:Engine.

Message Type

WARNING

KLVIN405 **STARTUP MODULE: *modname*
[,@*entry-point*] SEQUENCE *num*
[,USING RKANPAR MEMBER
member]**

Explanation

During TMS:Engine start-up, module *modname* with sequence number *num* will be invoked. If an initialization parameter member of RKANPAR is found for this module, it is identified as member in the message. The entry-point address will only be included in the message if debug mode is in effect.

System action

None.

User response

None.

Message Type

LOG

KLVIN406 **STARTUP ERROR:
MODULE(*modname*) R15(*r15*)**

Explanation

During TMS:Engine start-up, module *modname* detected an error. *r15* should have a nonzero value.

System action

TMS:Engine is terminated after any subsequent start-up modules are invoked.

User response

Examine the TMS:Engine log data set for additional messages to determine a more specific reason for the error. Correct it, and restart TMS:Engine.

Message Type

ALERT

KLVIN407 FLUSHING INITIAL MESSAGES

Explanation

After TMS:Engine is successfully started, any pending messages are written to the log so that start-up messages may be viewed by the site to determine if the TMS:Engine environment was correctly established.

System action

None.

User response

None.

Message Type

LOG

KLVIN408 CANDLE ENGINE VERSION *ver* READY ON *smfid* SYS *cpuid*: GSA(*nnnn*)

Explanation

TMS:Engine version *ver* is up and running on system *smfid*. The variable *nnn* refers to the address of the Global Storage Area, the TMS:Engine primary control block.

System action

None.

User response

None.

Message Type

INFO

KLVIN409 INITIALIZATION LIBRARY UNAVAILABLE

Explanation

During TMS:Engine start-up the parameter library, DD name RKANPAR, could not be accessed. It is probably not present in the TMS:Engine JCL procedure.

System action

Any data contained in the parameter library is unavailable.

User response

Refer to the z/OS system log for any IBM data management messages (IEC). Determine the reason the command library could not be opened, correct it, and restart TMS:Engine.

Message Type

WARNING

KLVIN410 INITLIST MEMBER *member* BEING PROCESSED

Explanation

The INITLIST keyword was coded and *member* is being processed for start-up member name overrides.

System action

None.

User response

None.

Message Type

INFO

KLVIN411 *override-statement*

Explanation

The contents of the INITLIST member are echoed in *override-statement*.

System action

None.

User response

None.

Message Type

INFO

KLVIN412 **STARTUP MODULE *module* NOT FOUND**

Explanation

An override statement references a start-up module that is not present in this TMS:Engine address space.

System action

The override is ignored and processing continues.

User response

Correct the override statement and restart the TMS:Engine address space if necessary.

Message Type

WARNING

KLVIN413 **INITLIST MEMBER *member* NOT FOUND**

Explanation

member could not be found in RKANPAR.

System action

The start-up is terminated.

User response

Correct the INITLIST keyword to specify a valid member name and restart the TMS:Engine address space.

Message Type

ERROR

KLVIN414 **VERRIDE MEMBER *member* FOR STARTUP MODULE *module* NOT FOUND**

Explanation

member could not be found in RKANPAR for start-up module *module*. This message will only be issued if the override member name differs from the default.

System action

The start-up is terminated.

User response

Correct the INITLIST member to specify a valid override member name and restart the TMS:Engine address space.

Message Type

ERROR

KLVIP004 **{ INVALID TIME SPECIFICATION
KEYWORD NOT FOUND
REQUIRED OPERAND OMITTED
OPERAND TOO SHORT OPERAND
TOO LONG
INVALID NUMERIC OPERAND
INVALID QUOTED STRING
INVALID DELIMITER USAGE
AMBIGUOUS KEYWORD
REFERENCE },
FUNCTION(IPC):
dddddddddddddddddddd**

Explanation

A syntax error was encountered while parsing an Inter-Process Communications (IPC) command buffer. The contents of the command buffer is displayed in the *dddddddddddddddddddd* field of the message.

System action

The command is ignored.

User response

Contact IBM Software Support.

Message Type

VIEW

KLVIP004_d **UNSUPPORTED IPC SERVICE**

Explanation

A service other than CREATE, DESTROY, DEQUEUE, PUSH, ACCESS, ALARM, or QUEUE was requested from IPC.

System action

The dialog is terminated.

User response

If this error occurred in a user-created dialog, correct the error and restart the dialog process. If this error

occurs while running any other IBM Tivoli product, contact IBM Software Support.

Message Type

VIEW

KLVLG001 **CLUSTER INITIAL LOAD FAILED,
SERVICE(*service*), RC(*rc*)**

Explanation

During TMS:Engine initialization, an error was encountered while attempting to load the CL/CONFERENCE log cluster. *service* may be on the following:

- **SHOWCB-1** : A SHOWCB for a VSAM ACB failed.
- **SHOWCB-2** : A SHOWCB for a VSAM RPL failed.
- **GENCBACB**: A GENCB for a VSAM ACB failed.
- **GENCBRPL**: A GENCB for a VSAM RPL failed.
- **OPEN**: An OPEN failed for the VSAM cluster.
- **PUT**: The initial load failed for the cluster.

System action

The CL/CONFERENCE logging facility is unavailable.

User response

Using the RC and service name, determine the cause of the error, correct it, and restart TMS:Engine.

Message Type

ERROR

KLVLI001 **LOCK MANAGER INTEGRITY
ERROR**

Explanation

An internal error occurred while processing a lock.

System action

TMS:Engine terminates.

User response

Contact IBM Software Support.

Message Type

ALERT

KLVLR001 **MAIN STORAGE SHORTAGE
DETECTED, QUIESCE IN EFFECT**

Explanation

TMS:Engine detected a main storage shortage. To recover from the shortage, TMS:Engine will not accept any logons.

System action

Users cannot logon or start a session.

User response

None. However, if these messages occur frequently on your system, you should examine the memory allocation parameters that are in effect. These are the RKLVIN keywords MINIMUM, MAXIMUM, and RESERVE.

Message Type

ALERT

KLVLR002 **MAIN STORAGE SHORTAGE
RELIEVED, QUIESCE RELEASED**

Explanation

TMS:Engine detected main storage availability and released the quiesce caused by main storage shortage.

System action

TMS:Engine will now allow users to logon or start a session.

User response

None.

Message Type

REPLY

KLVLR003 **LOGICAL RESOURCE INTEGRITY
ERROR**

Explanation

While accessing the logical resource table, an integrity error was detected.

System action

For problem determination, a dump is generated with a user abend code.

User response

Contact IBM Software Support.

**KLVLR004 PURGE/CLEANUP EXIT ERROR
DETECTED, DUMP REQUESTED**

Explanation

The TMS:Engine logical resource manager detected an error during resource purge or cleanup processing and has bypassed a purge/cleanup exit to avoid further problems.

System action

A dump is produced because DEBUG(Y) is in effect. Some resources and storage may be hung.

User response

Contact IBM Software Support.

**KLVLR005 PURGE/CLEANUP EXIT ERROR
DETECTED *resnum1 - resname -
resnum2***

Explanation

The TMS:Engine logical resource manager detected an error during resource purge or cleanup processing and has bypassed a purge/cleanup exit to avoid further problems.

System action

Some resources and storage may be hung.

User response

Copy the exact contents of the message and contact IBM Software Support. Be sure to include the debugging data fields *resnum1*, *resname*, and *resnum2* contained in the message.

**KLVLR006 LOGICAL RESOURCE CONTROL
BLOCK ERROR**

Explanation

An error was encountered while processing a resource manager request.

System action

The current request is ignored and a U0100 abend is generated to supply information for the logic error.

User response

Acquire the dump from the U0100 abend and contact IBM Software Support.

Message Type

REPLY

**KLVLR007 MAXIMUM LOGICAL RESOURCE
TABLE SIZE EXCEEDED -
RESOURCE INITIALIZATION
FAILED**

Explanation

The maximum number of logical resources has been exceeded.

System action

The current request is ignored. The system will continue running. As resources are freed, new resources can be created, but the stability of the system is unpredictable since it is not known what resources will be rejected.

User response

Reduce activity on the system and contact IBM Software Support.

Message Type

ALERT

**KLVLR001 RKLVLG IS CURRENTLY
RECORDING ON *ddname***

Explanation

In response to the TLVLOG TMS:Engine operator command, this message shows where TMS:Engine messages are currently being written to. *ddname* is the *ddname* being used for RKLVLG.

System action

None.

User response

None.

Message Type

REPLY

KLVLR002 MAXIMUM LINES: *maxlines*

Explanation

In response to the TLVLOG TMS:Engine operator command, this message shows the maximum number of lines that will be written to the currently active

RKLVLOG before an automatic TLVLOG SWITCH is performed.

System action

None.

User response

None.

Notes

If the value is zero, there is no maximum.

Message Type

REPLY

KLVLW003 **LINES WRITTEN: *lines***

Explanation

In response to the TLVLOG, TMS:Engine operator command, this message shows the number of lines that have been written to the currently active RKLVLOG.

System action

None.

User response

None.

Message Type

REPLY

KLVLW004 **RKLVLOG IS DISABLED BECAUSE OF AN I/O ERROR ON *ddname***

Explanation

In response to the TLVLOG TMS:Engine operator command, this message reports that an error has caused TMS:Engine to stop writing messages to the RKLVLOG file. *ddname* is the name of the DD to which TMS:Engine had been recording.

System action

None.

User response

Issue TLVLOG SWITCH to attempt to allocate a new RKLVLOG dynamically.

Message Type

REPLY

KLVLW011 **DYNAMIC ALLOCATION VALUES:**

Explanation

In response to the TLVLOG TMS:Engine operator command, this message precedes a set of KLVLW012 messages that show the values that will be used for the next RKLVLOG dynamic allocation.

System action

None.

User response

None.

Message Type

REPLY

KLVLW012 ***keyword - value***

Explanation

Displays a RKLVLOG dynamic allocation parameter and its value. Possible message text is as follows:

Keyword	Value
CLASS	The SYSOUT class.
COPIES	The number of copies.
DEST	The SYSOUT destination, if any.
FCD	The FCB name, if any.
FORM	The FORM name, if any.
HOLD	Whether the SYSOUT file will be placed in a operator hold (YES) or note (NO).
UCS	The UCS name, if any.
USER	The user ID associated with the SYSOUT destination, if any.
WTRNAME	The external writer name, if any.

System action

None.

User response

None.

Message Type

REPLY

KLVLW022 **RKLVLOG IS NOW RECORDING ON
*ddname***

Explanation

In response to a TLVLOG SWITCH request, TMS:Engine has dynamically allocated a SYSOUT field and is now writing RKLVLLOG messages to it. *ddname* is the new *ddname*.

System action

None.

User response

None.

Message Type

REPLY

KLVLW023 ***ddname* DD HAS BEEN CLOSED
AND RELEASED**

Explanation

In response to a TLVLOG SWITCH request, TMS:Engine has closed and dynamically deallocated the previous RKLVLLOG file. *ddname* is the *ddname*.

System action

None.

User response

None.

Message Type

REPLY

KLVLW027 **COPIES MUST BE BETWEEN 1 AND
254**

Explanation

An invalid COPIES value was entered on a TLVLOG command. Only an integer between 1-254 is accepted.

System action

The command terminates.

User response

Reissue the command with a valid COPIES value.

Message Type

ERROR

KLVLW028 **MAXLINES MUST BE BETWEEN 0
AND 16000**

Explanation

An invalid MAXLINES value was entered on a TLVLOG command. Only an integer between 0-16000 is accepted.

System action

The command terminates.

User response

Reissue the command with a valid MAXLINES value.

Message Type

ERROR

KLVLW029 **HOLD VALUE MUST BE "YES" OR
"NO"**

Explanation

An invalid HOLD value was entered on a TLVLOG command. Only YES or NO is accepted.

System action

The command terminates.

User response

Reissue the command with a valid HOLD value.

Message Type

ERROR

KLVLW031 **RKLVLOG SWITCH REQUESTED**

Explanation

A TLVLOG SWITCH request has been accepted. TMS:Engine will allocate a new RKLVLLOG SYSOUT file and begin recording on it. Then close and release

the old RKLVLLOG file. This message is followed by KLVW022 and KLVW023, which report successful processing.

System action

None.

User response

None.

Message Type

REPLY

KLVW041	RKLVLLOG DATA SET DISABLED BY PERMANENT ERROR
----------------	--

Explanation

A BSAM WRITE issued against the currently active RKLVLLOG file failed because of a permanent error.

System action

RKLVLLOG recording is suspended.

User response

Refer to the z/OS SYSLOG for any messages that may have been issued by the IBM data management routines. Issue this command:

```
TLVLOG SWITCH
```

To attempt to allocate a new RKLVLLOG dynamically.

Message Type

ALERT

KLVW081	DYNAMIC ALLOCATION FAILED FOR RKLVLLOG: R15(rc) ERROR(error) INFO(info)
----------------	--

Explanation

A TLVLOG SWITCH request was not successful because the dynamic allocation for a new SYSOUT file failed. *rc* is the return code from the DYNALLOC request; *error* and *info* are the error and information reason codes.

System action

The command terminates. The previous RKLVLLOG is still active.

User response

Refer to RKLVLLOG or VIEWLOG for any KLVDAnn messages that may have been issued. Refer to *IBM z/OS MVS Programming: Authorized Assembler Services Reference* (GC28-1764 through GC28-1767) for DYNALLOC return codes.

Message Type

LOG, ERROR

KLVW082	COULD NOT OPEN <i>ddname</i> FOR RKLVLLOG
----------------	--

Explanation

A TLVLOG SWITCHrequest could not open a dynamically allocated SYSOUT file. *ddname* is the *ddname* that could not be opened.

System action

The command terminates. The previous RKLVLLOG is still active; *ddname* remains allocated to the TMS:Engine address space.

User response

Refer to SYSLOG for any IEFxxxxx messages that may describe the OPEN error.

Message Type

LOG, ERROR

KLVW083	DYNAMIC DEALLOCATION FAILED FOR RKLVLLOG: R15(rc) ERROR(error) INFO(info)
----------------	--

Explanation

A TLVLOG SWITCH request could not dynamically deallocate the RKLVLLOG JCL DD statement. *rc* is the return code from the DYNALLOC request; *error* and *info* are the error and information reason codes.

System action

The RKLVLLOG JCL DD statement remains allocated to the TMS:Engine address space. Refer to *IBM z/OS MVS Programming: Authorized Assembler Services Reference* for DYNALLOC return codes.

Message Type

LOG, ERROR

**KLVW084 *SYSTLG* OPERATOR LOGON
FAILED**

Explanation

The pseudo-operator *SYSTLG* could not be initialized.

System action

SYSTLG will not be recognized if specified with the AS operator command. All other RKLVLLOG processing continues normally.

User response

If you are using operator validation in a NAM user exit (for example, KLV2NEV), ensure that the *SYSTLG* operator is authorized for logon.

Message Type

LOG, ERROR

KLVW091 STATISTICS SINCE STARTUP:

Explanation

This is the header of the response to a TLVLLOG STATS command. It will be followed by additional KLVWnnn messages containing the various RKLVLLOG counters.

System action

Processing continues.

User response

None.

KLVW092 LINES WRITTEN: nnnnnnn

Explanation

The indicated number of lines have been written to RKLVLLOG.

System action

Processing continues.

User response

None.

KLVW093 FULL BUFFER WRITES: nnnnnnn

Explanation

The indicated number of buffer writes to RKLVLLOG have been performed because the buffer was full.

System action

Processing continues.

User response

None.

**KLVW094 OPER REQUESTED WRITES:
nnnnnnn**

Explanation

The indicated number of writes to RKLVLLOG have been performed in response to operator requests.

System action

Processing continues.

User response

None.

**KLVW095 WAITS FOR LOG BUFFERS:
nnnnnnn**

Explanation

The system needed to wait the indicated number of times for an available log buffer.

System action

Processing continues.

User response

None.

**KLVNA001 SHOWCB
FIELDS=(ACBLEN,RPLEN)
ERROR: R15(r15) R0(r0)**

Explanation

A VSAM SHOWCB was issued to find the ACB and RPL lengths and failed.

System action

NAM initialization terminates without processing any other control point specifications. Any NAM database is unavailable.

User response

Consult *IBM z/OS DFSMS Macro Instructions for Data Sets* to determine the reason the SHOWCB macro instruction failed. Return and reason codes are indicated in the *r15* and *r0* fields.

Message Type

WARNING

KLVNA002 *parameters*

Explanation

As the parameters in module KLVINNAM are read, a log audit trail is created.

System action

None.

User response

None.

Message Type

LOG

KLVNA003 **DATABASE INACCESSIBLE,
NO VSAM LSR
RESOURCES: DSNAME(*dsname*)
CNTRLPT(*cntrlpt*)**

Explanation

NAM database *dsname* on control point *cntrlpt* cannot be used because no LSR resources were allocated during start-up. The parameters required, as specified in the RKLVIN DD, are LSRKEYLN, LSRPOOL, and LSRSTRNO.

System action

TMS:Engine start-up terminates.

User response

Contact IBM Software Support.

Message Type

WARNING

KLVNA004 **DUPLICATE CONTROL POINT
SPECIFICATION: CNTRLPT(*cntrlpt*)**

Explanation

The control point name *cntrlpt* specified in the initialization library member KLVINNAM is a duplicate.

System action

TMS:Engine initialization terminates.

User response

Correct the error in KLVINNAM and restart TMS:Engine.

Message Type

WARNING

KLVNA005 **DATABASE ALLOCATION
FAILED: DSNAME(*dsname*)
CNTRLPT(*cntrlpt*)**

Explanation

TMS:Engine was unable to allocate the data set *dsname*. The control point *cntrlpt* associated with the data set is also displayed.

System action

TMS:Engine start-up terminates.

User response

This message is accompanied by message KLVDA002, which gives a more specific reason for the error. Use the information provided to determine the cause of the error and restart TMS:Engine.

Message Type

WARNING

KLVNA006 **DATABASE INITIAL LOAD
COMPLETE: DSNAME(*dsname*)
CNTRLPT(*cntrlpt*)**

Explanation

Initialization has completed successfully for the NAM database *dsname* in control point *cntrlpt*.

System action

None.

User response

None.

Message Type

INFO

KLVNA007 **DATABASE *dsname* INITIAL
LOAD *mm/dd/yy hh:mm:ss* ON
smfid LAST ACCESSED *mm/dd/yy
hh:mm:ss* ON *smfid2***

Explanation

This message is logged to create an audit trail for each NAM database *dsname* specified in member KLVINNAM in the initialization library.

System action

None.

User response

None.

Message Type

LOG

KLVNA008 **KLVINNAM RKANPAR
PARAMETERS:**

Explanation

Module KLVINNAM logs its start-up parameters as they are read from RKANPAR. This is the header message and will be followed by message KLVNA002.

System action

None.

User response

None.

Message Type

LOG

KLVNA009 **UNABLE TO LOAD USER SECURITY
EXIT: EP(*member*)**

Explanation

TMS:Engine was unable to LOAD the security exit member chosen as a security validation option. This message is accompanied by message KLVC003, which provides a more specific reason for the error.

System action

TMS:Engine start-up terminates.

User response

If message KLVC003 precedes this message, determine the cause of the error, correct it, and restart TMS:Engine. If KLVC003 does not precede this message, ensure that the load module exists in the RKANMODL concatenation and restart TMS:Engine.

Message Type

ERRO

KLVNA010 **CONTROLPOINT *cntrlpt*
INITIALIZED**

Explanation

NAM control point *cntrlpt* has been initialized.

System action

None.

User response

None.

Message Type

INFO

KLVNA011 **DATABASE INITIALIZATION
FAILED: DSNAME(*dsname*)
CNTRLPT(*cntrlpt*)**

Explanation

An error was encountered during NAM initialization of control point *cntrlpt*.

System action

TMS:Engine initialization terminates.

User response

Make sure that the NAM database is available and is not allocated by another region.

Message Type

WARNING

KLVNA012 **GENCB BLK=ACB ERROR: R15(*r15*)
R0(*r0*)**

Explanation

A VSAM GENCB that was issued to create an ACB failed.

System action

TMS:Engine initialization terminates.

User response

Consult the t *IBM z/OS DFSMS Macro Instructions for Data Sets* to determine the reason the GENCB macro instruction failed. Return and error codes are indicated in the r15 and r0 fields.

Message Type

WARNING

KLVNA013	GENCB BLK=RPL ERROR: R15(r15) R0(r0)
-----------------	---

Explanation

A VSAM GENCB issued to create an RPL failed.

System action

TMS:Engine start-up terminates.

User response

Consult the *IBM z/OS DFSMS Macro Instructions for Data Sets* to determine the reason the GENCB macro instruction failed. Return and reason codes are indicated in the r15 and r0 fields.

Message Type

WARNING

KLVNA014	UNABLE TO OPEN NAM DATABASE: DSNAME(dsname) DDNAME(ddn) R15(r15) ACBERFLG(acherflg)
-----------------	--

Explanation

An attempt by TMS:Engine to OPEN the NAM database dsname failed. More information is provided in the message for diagnostic purposes.

System action

TMS:Engine start-up terminates.

User response

Consult the t *IBM z/OS DFSMS Macro Instructions for Data Sets* to determine the reason the OPEN macro instruction failed. The return code is indicated in the r15 field.

Message Type

WARNING

KLVNA015	DATABASE INACCESSIBLE: DSNAME(dsname) CNTRLPT(cntrlpt)
-----------------	---

Explanation

The NAM database dsname is not accessible.

System action

TMS:Engine start-up terminates.

User response

Check the log for other messages concerning this data set to determine a more specific reason for the error. If none can be found, contact IBM Software Support.

Message Type

WARNING

KLVNA016	DATABASE RELATIVE KEY POSITION NOT 0: DSNAME(dsname) CNTRLPT(cntrlpt)
-----------------	--

Explanation

The NAM database dsname relative key position is not 0. The data set was not defined properly.

System action

TMS:Engine start-up terminates.

User response

Delete the NAM database in error, redefine it, and restart TMS:Engine. You may need to refer to the original installation procedures to determine the correct parameters when defining the NAM database.

Message Type

WARNING

KLVNA017 **DATABASE KEY LENGTH
NOT n: DSNAME(*dsname*)
CNTRLPT(*cntrlpt*)**

Explanation

While processing the NAM database *dsname* for control point *cntrlpt*, an error was detected in the key length. The length must be equal to *n*. Either an incorrect version of the NAM database is being used, or the database was not defined properly.

System action

TMS:Engine start-up terminates.

User response

Delete the NAM database in error, redefine it, and restart TMS:Engine. You may need to refer to the original installation procedures to determine the correct parameters when defining the NAM database.

Message Type

WARNING

KLVNA018 **DATABASE CONTROL RECORD
NOT FOUND: DSNAME(*dsname*)
CNTRLPT(*cntrlpt*)**

Explanation

While attempting to initialize the NAM environment for control point *cntrlpt*, an error was detected in the VSAM data set *dsname*. The control record for the database could not be located. This message is accompanied by KLVVS*nnn* messages, that give a more specific reason for failure to locate the record.

System action

TMS:Engine start-up terminates.

User response

Look in the log for other messages concerning this data set to determine a more specific reason for the error. If none can be found, contact IBM Software Support.

Message Type

WARNING

KLVNA019 **DATABASE INITIAL LOAD
FAILED: DSNAME(*dsname*)
CNTRLPT(*cntrlpt*) R15(*r15*)
RPLERRCD(*rplerrcd*)**

Explanation

An I/O error was detected while processing the NAM cluster.

System action

TMS:Engine start-up fails.

User response

Consult the *IBM z/OS DFSMS Macro Instructions for Data Sets* to determine the reason the PUT macro instruction failed. Return and error codes are indicated in the *r15* and *rplerrcd* fields. If the error cannot be attributed to a user error, contact IBM Software Support.

Message Type

WARNING

KLVNA020 ***keyword(value)* IS INVALID FOR
CNTRLPT(*cntrlpt*); DEFAULTS TO
*def***

Explanation

keyword in the KLVINNAM member of RKANPAR was specified with a value that is not a valid choice.

System action

The default value, *def*, will be used. TMS:Engine initialization continues.

User response

Correct the *keyword* value. If the default value is unacceptable, recycle TMS:Engine.

Message Type

WARNING

KLVNA021 **DATABASE CONTROL RECORD
UPDATE FAILED: DSNAME(*dsn*)
CNTRLPT(*cntrlpt*)**

Explanation

During NAM initialization, TMS:Engine attempted to update the database (*dsn*) associated with control point *cntrlpt*. The update failed.

System action

NAM initialization continues, to identify any other errors. TMS:Engine will terminate after NAM initialization finishes.

User response

Review RKLVLLOG for KLVVS0nn messages that will identify the error. Correct the error and restart TMS:Engine.

Message Type

WARNING

KLVNA022	MODCB BLK=ACB ERROR: R15(r15) R0(r0)
-----------------	---

Explanation

During NAM initialization, TMS:Engine attempted to update a VSAM ACB. The update failed.

System action

NAM initialization continues, to identify any other errors. TMS:Engine will terminate after NAM initialization finishes.

User response

Consult the t *IBM z/OS DFSMS Macro Instructions for Data Sets* to determine the reason the MODCB macro instruction failed. Return and reason codes are indicated in the *r15* and *r0* fields.

Message Type

WARNING

KLVNA023	DATABASE DSNAME RETRIEVAL FAILED, RC(rc) ERROR(error) INFO(info) DDNAME(ddn) CNTRLPT(cntrlpt)
-----------------	--

Explanation

During NAM initialization, an attempt to determine the data set name associated with DD *ddn*. The z/OS DYNALLOC function failed with the indicated return, error, and info codes.

System action

NAM initialization continues, to identify any other errors. TMS:Engine will terminate after NAM initialization finishes.

User response

Consult the *IBM z/OS MVS Programming: Authorized Assembler Services Reference* to determine the reason DYNALLOC failed.

Message Type

WARNING

KLVNA024	DATA=xxxxxxx IS INVALID
-----------------	--------------------------------

Explanation

The value specified for the DATA parameter in the KLVINNAM member is not valid. The valid values are **ABOVE** and **BELOW**.

System action

Initialization is terminated.

User response

Edit the KLVINNAM member and correct the parameter specification.

Message Type

WARNING

KLVNA025	CONTROL POINT OPTIONS NOT VALID WITH DATA=
-----------------	---

Explanation

Control point options may not be specified when the DATA parameter is specified.

System action

Initialization is terminated.

User response

Edit the KLVINNAM member and correct the parameter specification.

Message Type

WARNING

KLVNA026	DATA= ALREADY DEFINED; IGNORED
-----------------	---

Explanation

The DATA parameter is specified more than once in the KLVINNAM member.

System action

The first specification is used and the second specification is ignored. Processing continues.

User response

Edit the KLVINNAM member and correct the parameter specification.

Message Type

WARNING

KLVNA027	VALUE FOR KEYWORD REUSEPW(<i>nnnn</i>) IS INVALID, DEFAULTING TO 8, VALUES FROM 0 TO 8 ARE ACCEPTED.
-----------------	---

Explanation

The value of the REUSEPW parameter is not a decimal integer between 0 and 8.

System action

The value of the REUSEPW parameter is assumed to be **8** and processing continues.

User response

Edit the KLVINNAM member and correct the parameter specification.

Message Type

WARNING

KLVNA028	UNABLE TO LOAD USER PARAMETER EXIT: EP(<i>nnnnnnnn</i>)
-----------------	--

Explanation

The indicated user parameter exit was specified, but no routine by that name can be found.

System action

Initialization is terminated.

User response

Edit the KLVINNAM member and correct the parameter specification. If the parameter value is correct, check to insure that the load module *nnnnnnnn* exists in a data set accessible to IBM Tivoli Monitoring.

Message Type

WARNING

KLVNA029	CONTROL POINT OPTIONS NOT VALID WITH FIELDEXIT=
-----------------	--

Explanation

Control point options may not be specified when the FIELDEXIT parameter is specified.

System action

Initialization is terminated.

User response

Edit the KLVINNAM member and correct the parameter specification.

Message Type

WARNING

KLVNA030	DUPLICATE FIELDEXIT PARAMETER ENCOUNTERED
-----------------	--

Explanation

More than one FIELDEXIT parameter was found in the KLVINNAM member.

System action

The first FIELDEXIT parameter is used and any others are ignored. Processing continues.

User response

Edit the KLVINNAM member and correct the parameter specification.

Message Type

WARNING

KLVNA031	CLASSES DESCRIPTION NOT FOUND: CNTRLPT(<i>cntrlpt</i>) RKANPAR(RKANPAR)
-----------------	--

Explanation

The member specified on the CLASSES= parameter of control point cntrlpt was not found in RKANPAR.

System action

TMS:Engine start-up fails.

User response

Make sure that the correct member name of the protected class list is specified, and try again.

Message Type

ALERT

KLVNA032 **DUPLICATE CLASS
DEFINITION: CNTRLPT(*cntrlpt*)
RKANPAR(RKANPAR) LINE(*line*)**

Explanation

The resource class name specified has already been defined.

System action

TMS:Engine start-up fails.

User response

Make sure all resource class names are unique and try again.

Message Type

ALERT

KLVNA033 **INVALID READAUTH BYTE
X'*xx*', CNTRLPT(*nnnnnnnn*)
*ddname(member)***

Explanation

The value specified for READAUTH for control point *nnnnnnnn* in the specified member is not valid.

System action

Initialization is terminated.

User response

Edit the indicated member and correct the parameter specification.

Message Type

ALERT

KLVNA034 **DATABASE ALLOCATION
FAILED - RESOURCE
ERROR: DSNAME(*dsname*)
CNTRLPT(*cntrlpt*)**

Explanation

TMS:Engine was unable to allocate the data set *dsname*, because of a logical resource manager error. The control point *cntrlpt* associated with the data set is also displayed.

System action

TMS:Engine start-up terminates.

User response

This error is probably due to insufficient free storage. Make sure storage pre-allocated by RKANPAR member KLVINSTG has not depleted all storage specified by the MAXIMUM parameter in RKLVIN.

Message Type

WARNING

KLVNA035 **DATABASE ALLOCATION
FAILED: DSNAME(*dsname*)
CNTRLPT(*cntrlpt*)**

Explanation

TMS:Engine was unable to allocate the data set *dsname*. The control point *cntrlpt* associated with the data set is also displayed.

System action

TMS:Engine start-up terminates.

User response

Review RKLVLLOG for message KLVDA002 followed by IBM IKJ message from SVC99. Correct the problem and retry.

Message Type

WARNING

KLVNA036 **CONTROL POINT OPTIONS NOT
VALID WITH VALIDATE=**

Explanation

The VALIDATE keyword was specified on the same logical statement as the controlpoint definition in member KLVINNAM in the initialization library.

System action

TMS:Engine start-up terminates.

User response

Make sure the VALIDATE keyword has been specified as a separate logical statement from the controlpoint definition and try again.

Message Type

WARNING

KLVNA037 **VALIDATE= *validagte* IS INVALID**

Explanation

An invalid value for the VALIDATE keyword was specified in member KLVINNAM in the initialization library.

System action

TMS:Engine start-up terminates.

User response

Make sure the VALIDATE keyword value is either SINGLE or MULTIPLE and try again.

Message Type

WARNING

KLVNA038 **VALIDATE= ALREADY DEFINED;
IGNORED**

Explanation

The VALIDATE keyword was specified more than once in member KLVINNAM in the initialization library.

System action

TMS:Engine start-up continues. The duplicate keyword is ignored.

User response

Remove the duplicate keyword.

Message Type

WARNING

KLVNA039 **CONTROL POINT OPTIONS NOT
VALID WITH FOLD=**

Explanation

Control point options may not be specified when the FOLD parameter is specified.

System action

Initialization is terminated.

User response

Edit the KLVINNAM member and correct the parameter specification.

Message Type

WARNING

KLVNA040 **FOLD= ALREADY DEFINED;
IGNORED**

Explanation

More than one FOLD parameter was found in the KLVINNAM member.

System action

The first FOLD parameter is used and any others are ignored. Processing continues.

User response

Edit the KLVINNAM member and correct the parameter specification.

Message Type

WARNING

KLVNA041 **FOLD=*xxxx* IS INVALID**

Explanation

The value specified for the FOLD parameter in the KLVINNAM member is not valid. The valid values are **YES** and **NO**.

System action

Initialization is terminated.

User response

Edit the KLVINNAM member and correct the parameter specification.

Message Type

WARNING

KLVNA042 **SAF PROFILE
ssss.jjjjjjjj.KLVINNAM.FOLD
READING *safrc racfrc racfrsn***

Explanation:

Class \$KOBSEC is always checked for a profile that matches `ssss.jjjjjjjj.KLVINNAM.FOLD`; this message displays the SAF return code, RACF return code, and RACF reason code from that SAF call. `ssss` is the smfid and `jjjjjjj` is the started-task name.

System action:

TMS:Engine start-up continues.

User response:

If the SAF profiles are not in use to specify the FOLD and CNTRLPT parameters, then a non-zero SAF return code is expected and those parameters will be read from RKANPARU(KxxINNAM).

Message Type:

INFO

**KLVNA043 CONTROL POINT IGNORED
CNTRLPT(*cntrlpt*). SAF PROFILE IS
USED.**

Explanation:

Control point *cntrlpt* was found in RKANPARU(KxxINNAM) but was ignored because SAF profiles were in use.

System action:

TMS:Engine start-up continues.

User response:

None required. This message can be avoided by removing or commenting out the CNTRLPT parameters in RKANPARU(KxxINNAM).

Message Type:

INFO

**KLVNA044 NO APPLDATA RETURNED
FOR SAF PROFILE
(*ssss.jjjjjjjj.KLVINNAM.cntrlpt*)**

Explanation:

This profile was found but the APPLDATA does not contain any CNTRLPT parameters.

System action:

Initialization is terminated.

User response:

Ensure that the required CNTRLPT parameters are added to this profile.

Message Type:

WARNING

**KLVNA045 NO CONTROL POINTS FOUND IN
SAF PROFILES**

Explanation:

Profile `ssss.jjjjjjjj.KLVINNAM.FOLD` was found, but no `ssss.jjjjjjjj.KLVINNAM.cntrlpt` profiles were found.

System action:

Initialization is terminated.

User response:

If SAF profile control of CNTRLPT parameters is required, there needs to be at least one `ssss.jjjjjjjj.KLVINNAM.cntrlpt` profile with valid APPLDATA; if SAF profile control of CNTRLPT parameters is not required, remove profile `ssss.jjjjjjjj.KLVINNAM.FOLD`.

Message Type:

WARNING

**KLVNA046 TOO MANY CONTROL POINTS
FOUND IN SAF PROFILES**

Explanation:

More than 99 `ssss.jjjjjjjj.KLVINNAM.cntrlpt` profiles were found.

System action:

Initialization is terminated.

User response:

Reduce the number of `ssss.jjjjjjjj.KLVINNAM.cntrlpt` profiles to be 99 or fewer.

Message Type:

WARNING

KLVNA047 *safprofilename*

Explanation:

This shows which profile matched the current resource.

System action:

TMS:Engine start-up continues.

User response:

None required.

Message Type:

INFO

**KLVNA101 UNABLE TO ACCESS NAM
DATABASE: DSNAME(*dsname*)
CNTRLPT(*cntrlpt*)**

Explanation

The network access manager (NAM) was called to validate security for a user. DB was specified as an option for the control point *cntrlpt*, but the database associated with the control point could not be accessed.

System action

Security validation fails and the user is logged off.

User response

Check initialization library member KLVINNAM to verify that the control point and database have been defined correctly.

Message Type

ALERT

KLVNA102 **USER NOT DEFINED:
CNTRLPT(*cntrlpt*) USERID(*userid*)
[GROUP(*group*)] [TERM(*terminal*)]
[APPL(*appl*)]**

Explanation

Security validation for the specified user failed when the network access manager (NAM) was called. The supplied user ID is invalid. This message can be generated if the address space is not APF-authorized. Fields of interest are the control point name *cntrlpt*, the userid *userid*, the group *group*, the terminal name *terminal*, and the application name *appl*. The control point name *cntrlpt* may be in the form *cntrlpt1-cntrlpt2*, where *cntrlpt1* refers to the control point used and *cntrlpt2* to the control point requested. The message is logged to create an audit trail, but this can be overridden at start-up time.

System action

This message is installation specific. The system action depends on the configuration of NAM. If using NAM to do the validation, the userid was not defined in the NAM database. If using a NAM exit, the external security package was unable to locate the userid. This message will appear in RKLVLLOG and may be seen at the terminal if the external security package has not passed a message back to NAM. If a message was passed back by the external security package, that message will be seen.

User response

If you are a user viewing this message on your screen, re-enter a valid user ID. Verify that the address space is APF-authorized.

Message Type

INFO

KLVNA103 **PASSWORD NOT AUTHORIZED:
CNTRLPT(*cntrlpt*) USERID(*userid*)
[GROUP(*group*)] [TERM(*terminal*)]
[APPL(*appl*)]**

Explanation

Security validation for the specified user failed when the network access manager (NAM) was called. The password supplied is invalid for the userid. Fields of interest are the control point name *cntrlpt*, the userid *userid*, the group *group*, the terminal name *terminal*,

and the application name *appl*. The control point name *cntrlpt* may be in the form *cntrlpt1-cntrlpt2*, where *cntrlpt1* refers to the control point used and *cntrlpt2* to the control point requested. The message is logged to create an audit trail, but this can be overridden at start-up time.

System action

This message is installation specific. The system action depends on the configuration of NAM. If using NAM to do the validation, the password defined in the NAM database was different than the one entered at the terminal. If using a NAM exit, the external security package detected a different password than the one defined for the user. This message will appear in RKLVLLOG and may be seen at the terminal if the external security package has not passed a message back to NAM. If a message was passed back by the external security package, that message will be seen.

User response

If you are a user viewing this message on your screen, supply a correct password.

Message Type

INFO, VIEW

KLVNA104 **CURRENT PASSWORD EXPIRED:
CNTRLPT(*cntrlpt*) USERID(*userid*)
[GROUP(*group*)] [TERM(*terminal*)]
[APPL(*appl*)]**

Explanation

Security validation for the specified user failed when the network access manager (NAM) was called. The current password has expired. Fields of interest are the control point name *cntrlpt*, the userid *userid*, the group *group*, the terminal name *terminal*, and the application name *appl*. The control point name *cntrlpt* may be in the form *cntrlpt1-cntrlpt2*, where *cntrlpt1* refers to the control point used and *cntrlpt2* to the control point requested. The message is logged to create an audit trail, but this can be overridden at start-up time.

System action

This message is installation specific. The system action depends on the configuration of NAM. If using NAM to do the validation, the password defined in the NAM database has expired. If using a NAM exit, the password defined to the external security package has expired. This message will appear in RKLVLLOG and may be seen at the terminal if the external security

package has not passed a message back to NAM. If a message was passed back by the external security package, that message will be seen.

User response

If you are a user viewing this message on your screen, supply a new password.

Message Type

INFO, VIEW

KLVNA105	NEW PASSWORD INVALID: CNTRLPT(<i>cntrlpt</i>) USERID(<i>userid</i>) [GROUP(<i>group</i>)] [TERM(<i>terminal</i>)] [APPL(<i>appl</i>)]
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Explanation

Security validation for the specified user failed when the network access manager (NAM) was called. The new password was invalid. Fields of interest are the control point name *cntrlpt*, the userid *userid*, the group *group*, the terminal name *terminal*, and the application name *appl*. The control point name *cntrlpt* may be in the form *cntrlpt1-cntrlpt2*, where *cntrlpt1* refers to the control point used and *cntrlpt2* to the control point requested. The message is logged to create an audit trail, but this can be overridden at start-up time.

System action

This message is installation specific. The system action depends on the configuration of NAM. If using NAM to do the validation, the new password passed to NAM was invalid. If using a NAM exit, the new password passed to the external security package was invalid. This message will appear in RKLVLLOG and may be seen at the terminal if the external security package has not passed a message back to NAM. If a message was passed back by the external security package, that message will be seen.

User response

If you are a user viewing this message on your screen, supply a valid new password.

Message Type

INFO, VIEW

KLVNA106	USER NOT DEFINED TO GROUP: CNTRLPT(<i>cntrlpt</i>) USERID(<i>userid</i>) [GROUP(<i>group</i>)] [TERM(<i>terminal</i>)] [APPL(<i>appl</i>)]
-----------------	---

Explanation

Security validation for the specified user failed when the network access manager (NAM) was called. The user *userid* is not defined to the group specified. Fields of interest are the control point name *cntrlpt*, the userid *userid*, the group *group*, the terminal name *terminal*, and the application name *appl*. The control point name *cntrlpt* may be in the form *cntrlpt1-cntrlpt2*, where *cntrlpt1* refers to the control point used and *cntrlpt2* to the control point requested. The message is logged to create an audit trail, but this can be overridden at start-up time.

System action

This message is installation specific. This message will appear with the use of an external security package. The group supplied for the entered userid was not valid. This message will appear in RKLVLLOG and may be seen at the terminal if the external security package has not passed a message back to NAM. If a message was passed back by the external security package, that message will be seen.

User response

If you are a user viewing this message on your screen, specify a valid group for the userid supplied.

Message Type

INFO, VIEW

KLVNA107	USER ACCESS REVOKED: CNTRLPT(<i>cntrlpt</i>) USERID(<i>userid</i>) [GROUP(<i>group</i>)] [TERM(<i>terminal</i>)] [APPL(<i>appl</i>)]
-----------------	---

Explanation

Security validation for the specified user failed when the network access manager (NAM) was called. The user (*userid*) access has been revoked. Fields of interest are the control point name *cntrlpt*, the userid *userid*, the group *group*, the terminal name *terminal*, and the application name *appl*. The control point name *cntrlpt* may be in the form *cntrlpt1-cntrlpt2*, where *cntrlpt1* refers to the control point used and *cntrlpt2* to the control point requested. The message is logged to create an audit trail, but this can be overridden at start-up time.

System action

This message is installation specific. This message will appear with the use of an external security package. Access will no longer be allowed for this userid

due to excessive invalid password attempts, userid expiration, or some other internal processing by the external security package. This message will appear in RKLVLLOG and may be seen at the terminal if the external security package has not passed a message back to NAM. If a message was passed back by the external security package, that message will be seen.

User response

Access has been revoked for this userid. Contact your security administrator for the external security package and have the userid reset.

Message Type

INFO, VIEW

KLVNA108 **GROUP ACCESS REVOKED:**
CNTRLPT(*cntrlpt*) USERID(*userid*)
[GROUP(*group*)] [TERM(*terminal*)]
[APPL(*appl*)]

Explanation

Security validation for the specified user failed when the network access manager (NAM) was called. Access to the group supplied has been revoked for this userid. Fields of interest are the control point name *cntrlpt*, the userid *userid*, the group *group*, the terminal name *terminal*, and the application name *appl*. The control point name *cntrlpt* may be in the form *cntrlpt1-cntrlpt2*, where *cntrlpt1* refers to the control point used and *cntrlpt2* to the control point requested. The message is logged to create an audit trail, but this can be overridden at start-up time.

System action

This message is installation specific. This message will appear with the use of an external security package. Access will no longer be allowed for this userid/group due to excessive invalid password attempts, userid expiration, or some other internal processing by the external security package. This message will appear in RKLVLLOG and may be seen at the terminal if the external security package has not passed a message back to NAM. If a message was passed back by the external security package, that message will be seen.

User response

Access has been revoked for this userid/group combination. Contact your security administrator for the external security package and have the userid reset.

Message Type

INFO, VIEW

KLVNA109 **TERMINAL NOT AUTHORIZED:**
CNTRLPT(*cntrlpt*) USERID(*userid*)
[GROUP(*group*)] [TERM(*terminal*)]
[APPL(*appl*)]

Explanation

Security validation for the specified user failed when the network access manager (NAM) was called. The user *userid* is not authorized to use this terminal. Fields of interest are the control point name *cntrlpt*, the userid *userid*, the group *group*, the terminal name *terminal*, and the application name *appl*. The control point name *cntrlpt* may be in the form *cntrlpt1-cntrlpt2*, where *cntrlpt1* refers to the control point used and *cntrlpt2* to the control point requested. The message is logged to create an audit trail, but this can be overridden at start-up time.

System action

This message is installation specific. This message will appear with the use of an external security package. Access is not allowed for the userid from the terminal where signon was attempted. This message will appear in RKLVLLOG and may be seen at the terminal if the external security package has not passed a message back to NAM. If a message was passed back by the external security package, that message will be seen.

User response

If you are a user viewing this message on your screen, correct the userid or signon from a different terminal. If the problem persists, contact the security administrator for the external security package.

Message Type

INFO, VIEW

KLVNA110 **APPLICATION NOT AUTHORIZED:**
CNTRLPT(*cntrlpt*) USERID(*userid*)
[GROUP(*group*)] [TERM(*terminal*)]
[APPL(*appl*)]

Explanation

Security validation for the specified user failed when the network access manager (NAM) was called to validate security. The user *userid* is not authorized to use the specified application. Fields of interest are the control point name *cntrlpt*, the userid *userid*, the group *group*, the terminal name *terminal*, and the application

name *appl*. The control point name *cntrlpt* may be in the form *cntrlpt1-cntrlpt2*, where *cntrlpt1* refers to the control point used and *cntrlpt2* to the control point requested. The message is logged to create an audit trail, but this can be overridden at start-up time.

System action

This message is installation specific. This message will appear with the use of an external security package. Access is not allowed for the userid to the application where the signon was attempted. The userid is restricted to a set of applications and the application where the signon was attempted was not one of those. This message will appear in RKLVLLOG and may be seen at the terminal if the external security package has not passed a message back to NAM. If a message was passed back by the external security package, that message will be seen.

User response

If you are a user viewing this message on your screen, correct the userid or signon to a different application. If the problem persists, contact the security administrator for the external security package.

Message Type

INFO, VIEW

KLVNA111 **OPERATOR NOT
AUTHORIZED: CNTRLPT(*cntrlpt*)
[OPERATOR(*operator*)]
[TERM(*terminal*)] [APPL(*appl*)]**

Explanation

Security validation for the specified user failed when the Network Access Manager (NAM) was called. The operator *operator* is not authorized to use the TMS:Engine operator facility. Fields of interest are the control point name *cntrlpt*, the operator id *operator*, the terminal name *terminal*, and the application name *appl*. The control point name *cntrlpt* may be in the form *cntrlpt1-cntrlpt2*, where *cntrlpt1* refers to the control point used and *cntrlpt2* to the control point requested. The message is logged to create an audit trail, but this can be overridden at start-up time.

System action

This message is installation specific. This message will appear with the use of an external security package. Access is not allowed for the userid to the TMS:Engine operator facility by the external security package. This message will appear in RKLVLLOG and may be seen at

the terminal if the external security package has not passed a message back to NAM. If a message was passed back by the external security package, that message will be seen.

User response

If you are a user viewing this message on your screen, correct the operator ID. If the problem persists, contact your security administrator for the security package.

Message Type

INFO, VIEW

KLVNA112 **COMMAND NOT
AUTHORIZED: CNTRLPT(*cntrlpt*)
[OPERATOR(*operator*)]
[COMMAND(*command*)]
[TERM(*terminal*)] [APPL(*appl*)]**

Explanation

Security validation for the specified user failed when the network access manager (NAM) was called. The operator *operator* is not authorized to issue the specified command. Fields of interest are the control point name *cntrlpt*, the operator ID *operator*, the command *command*, the terminal name *terminal*, and the application name *appl*. The control point name *cntrlpt* may be in the form *cntrlpt1-cntrlpt2*, where *cntrlpt1* refers to the control point used and *cntrlpt2* to the control point requested. The message is logged to create an audit trail, but this can be overridden at start-up time.

System action

The command terminates. This message is installation specific. This message will appear with the use of an external security package. The operator command entered was not allowed by the external security package. This message will appear in RKLVLLOG and may be seen at the terminal if the external security package has not passed a message back to NAM. If a message was passed back by the external security package, that message will be seen.

User response

If you are a user viewing this message on your screen, correct the command or validate the command. If the problem persists, contact your security administrator for the external security package.

Message Type

INFO, VIEW

KLVNA113	PARAMETER REJECTED BY USER EXIT: CNTRLPT(<i>cntrlpt</i>) [OPERATOR(<i>operator</i>)] [COMMAND(<i>command</i>)] [TERM(<i>terminal</i>)] [APPL(<i>appl</i>)]
-----------------	---

Explanation

A NAM FIELDEXIT has determined that a NAM request field is not valid. The exit should have provided additional messages about the error. Fields of interest are the control point name *cntrlpt*, the operator ID *operator*, the command *command*, the terminal name *terminal*, and the application name *appl*. The control point name *cntrlpt* may be in the form *cntrlpt1-cntrlpt2*, where *cntrlpt1* refers to the control point used and *cntrlpt2* to the control point requested. The message is logged to create an audit trail, but this can be overridden at start-up time.

System action

The function is not completed. This message is installation specific, and may be generated for any NAM function. This message will appear in RKLVLLOG.

User response

Contact your system programmer to determine why the installation exit has rejected the value.

Message Type

INFO, VIEW

KLVNA114	PASSTICKET REQUEST NOT AUTHORIZED: CNTRLPT(<i>cntrlpt</i>) [OPERATOR(<i>operator</i>)] [COMMAND(<i>command</i>)] [TERM(<i>terminal</i>)] [APPL(<i>appl</i>)]
-----------------	---

Explanation

A NAM PASSTICKET request has been denied by the NAM user exit and the exit has not supplied an override message.

System action

No PassTicket is generated.

User response

Contact your security administrator to ensure that you are authorized to generate a PassTicket for the destination application and userid.

Message Type

INFO, VIEW

KLVNA151	UNABLE TO ACCESS NAM DATABASE: DSNAME(<i>dsname</i>) CNTRLPT(<i>cntrlpt</i>)
-----------------	---

Explanation

Security validation for the specified user failed when NAM was called. The database specified as an option for the control point *cntrlpt* could not be accessed.

System action

Security validation fails and the user is logged off.

User response

Check the definitions of the control point and the database in the initialization library member KLVINNAM.

Message Type

ALERT

KLVNA251	UNABLE TO {DELETE DEFINE} SAF RESOURCE LIST: CLASS(<i>class</i>) R15(<i>r15</i>)
-----------------	---

Explanation

The RACROUTE macro was issued to build or delete an in-storage profile for class *class* and failed. *r15* is the code returned by RACROUTE.

System action

For DELETE, the in-storage profile remains in virtual storage. For DEFINE, the profile is unavailable.

User response

Refer to *RACROUTE Macro Reference for MVS and VM* (GC28-1366) for the meaning of *r15*.

Message Type

INFO

KLVNA252 **UNABLE TO {DELETE |
DEFINE} RACF RESOURCE LIST:
CLASS(class) R15(r15)**

Explanation

The RACLIST macro was issued to build or delete an in-storage profile for class *class* and failed. *r15* is the code returned by RACLIST.

System action

For DELETE, the in-storage profile remains in virtual storage. For DEFINE, the profile is unavailable.

User response

Refer to the *RACROUTE Macro Reference for MVS and VM* for the meaning of *r15*.

Message Type

INFO

KLVNA253 **RESOURCE LIST BUILD DISABLED,
NOT APF AUTHORIZED**

Explanation

An attempt was made (either at initialization or through the NAM RACLIST command) to build an in-storage profile (for use by your security system). The attempt failed because the address space is not APF-authorized.

System action

TMS:Engine will use RACHECK macros instead of FRACHECK to verify security access.

User response

If you desire in-storage profiles, APF authorize the address space. If your security system does not provide in-storage profiles, or you have specified your own security exits in KLVINNAM, you may ignore this message.

Message Type

INFO

KLVNA254 **UNABLE TO CREATE DUMMY ACEE:
RC(rc)**

Explanation

The NAM RACLIST command was issued to refresh in-storage profiles, but failed because a dummy ACEE could not be created.

System action

The command is ignored.

User response

Use the return code to determine the reason for the RACROUTE (or possibly RACINIT failure). Refer to the *IBM z/OS MVS Programming: Authorized Assembler Services Reference* for the meaning of *rc*.

Message Type

INFO

KLVNA255 **UNABLE TO DELETE DUMMY ACEE:
RC(rc)**

Explanation

The NAM RACLIST command was issued to refresh in-storage profiles. The refresh was successful, but the dummy ACEE could not be deleted.

System action

The ACEE remains active.

User response

Use the return code to determine the reason for the RACROUTE (or possibly RACINIT failure). Refer to IBM's RACROUTE Macro Reference (RACROUTE) or *IBM z/OS MVS Programming: Authorized Assembler Services Reference* for the meaning of *rc*.

Message Type

INFO

KLVNA256 **REFRESH OF RESOURCE
PROFILES COMPLETE**

Explanation

The NAM RACLIST command was issued to refresh in-storage profiles. The refresh was successful.

System action

None.

User response

None.

Message Type

INFO

KLVNT001 "NTD *dialog*" DIALOG MANAGER
INIT FAILED

Explanation

While performing an NTD operator command, TMS:Engine could not initialize the dialog manager for the dialog, *dialog*.

System action

The NTD command terminates.

User response

Save the z/OS SYSLOG, and the TMS:Engine RKLVLLOG and run sheets. Then contact IBM Software Support.

Message Type

ERROR

KLVNT002 "NTD *dialog*" DIALOG
INVOCATION FAILED; DIALOG
MANAGER RC(*rc*)

Explanation

The non-terminal dialog, *dialog*, failed with a return code of *rc*.

System action

The NTD command terminates.

User response

Refer to message KLVD011 for a list of return codes, their meanings, and responses.

Message Type

ERROR

KLVOP001 OPERATOR(*operid*)
ddname(member) LINE(*nnnn*)
'cccccccc'

Explanation

The command *cccccccc* from line *nnnn* in the indicated member is being processed on behalf of *operid*.

System action

The command is processed.

User response

None.

Message Type

LOG

KLVOP002 INVALID COMMAND BUFFER [*text*]

Explanation

A zero or negative length was received by the TMS:Engine command processor. The optional *text* may be added by TMS:Engine modules to further describe the error.

System action

The current operation terminates.

User response

Contact IBM Software Support.

Message Type

ERROR

KLVOP003 INVALID OPERATOR ID [*text*]

Explanation

A command was issued specifying an inactive operator ID. This typically occurs when the AS command is issued just as the operator the command was directed to was logging off. The optional *text* may be added by TMS:Engine modules to further describe the error.

System action

The command terminates.

User response

If the command cannot be attributed to a user error, contact IBM Software Support.

Message Type

ERROR

KLVOP004 APPLICATION NOT ACTIVE [text]

Explanation

A command was issued and directed to an inactive TMS:Engine application. The optional *text* may be added by TMS:Engine modules to further describe the error.

System action

The command terminates.

User response

Validate the application ID and reissue the command.

Message Type

ERROR

**KLVOP005 APPLICATION NOT ACCEPTING
COMMANDS [text]**

Explanation

A command was issued and directed to an TMS:Engine application that does not have a common interface. The optional *text* may be added by TMS:Engine modules to further describe the error.

System action

The command terminates.

User response

Validate the application applid to determine if a command interface is defined. Reissue the command specifying a valid application name.

Message Type

ERROR

KLVOP006 COMMAND NOT FOUND [text]

Explanation

The command or CLIST issued could not be located. The optional *text* may be added by TMS:Engine modules to further describe the error.

System action

The command fails.

User response

Verify that:

1. The command issued is a valid TMS:Engine command, or
2. The CLIST is located in the TMS:Engine command library (RKANCMD).

Message Type

ERROR

**KLVOP007 COMMAND NOT AUTHORIZED
[text]**

Explanation

An TMS:Engine command issued by an unauthorized operator. The optional *text* may be added by TMS:Engine modules to further describe the error.

System action

The command fails.

User response

None.

Message Type

ERROR

KLVOP008 *clist* CLIST COMPLETED

Explanation

The RKANCMD clist member *clist* has completed execution.

System action

None.

User response

None.

Message Type

REPLY

KLVOP009 *command* COMMAND COMPLETED

Explanation

The command *command* has completed its output.

System action

None.

User response

None.

Message Type

REPLY

KLVOP011 **INVALID CLASS NAME: *class***

Explanation

The DISPLAY command was issued with an invalid class *class*.

System action

The command fails.

User response

Re-enter the command with a valid class.

Message Type

ERROR

KLVOP012 ***** ACTIVE RESOURCE LIST
*** class.arg: USE(*user*)
TOKEN(*rsid*) OWNER(*owner*)
class.arg: USE(*user*) TOKEN(*rsid*) *n*
OF *m* RESOURCES DISPLAYED**

Explanation

The DISPLAY command was issued and the resource list specified is displayed. Fields of interest are the class name *class*, the resource number *rsid* and the owner ID *owner*.

System action

None.

User response

None.

Message Type

REPLY

KLVOP021 **SHUTDOWN COMMAND IGNORED,
IMMEDIATE SHUTDOWN ALREADY
IN PROGRESS**

Explanation

The user has entered a SHUTDOWN command while an immediate shutdown was in progress.

System action

The command is ignored.

User response

None.

Message Type

INFO

KLVOP022 **SHUTDOWN MUST BE CONFIRMED
WITHIN *confirm* SECONDS**

Explanation

The SHUTDOWN command was issued requesting TMS:Engine termination. A confirming SHUTDOWN command must be issued within *confirm* seconds, where *confirm* is the number of seconds that can occur between initial and confirming shutdown requests. This is a TMS:Engine initialization parameter with a default value of 15 seconds.

System action

TMS:Engine shutdown proceeds if confirmed within *confirm* seconds.

User response

Issue another SHUTDOWN command so TMS:Engine termination can proceed.

Message Type

REPLY, INFO

KLVOP023 **SHUTDOWN STARTED BY *operator*
AT *device***

Explanation

TMS:Engine shutdown was requested and confirmed, and shutdown is proceeding. The *operator* and *device* identify the origin of the command.

System action

None.

User response

None.

Message Type

WARNING

KLVP024 **SHUTDOWN PROCEEDING: *rescnt*
RESOURCE(S) OUTSTANDING**

Explanation

TMS:Engine termination was requested and confirmed, and termination is proceeding. The number *rescnt* refers to the number of resources awaiting termination.

System action

None.

User response

Issue a second SHUTDOWN command to perform an immediate shutdown and terminate all outstanding resources.

Message Type

INFO, VIEW

KLVP025 ***number* SUBTASK(S) QUIESCED:
DQA(*addr*)**

Explanation

This message is logged to create an audit trail of each active subtask quiesced during TMS:Engine termination.

System action

None.

User response

None.

Message Type

LOG

KLVP026 **SUBTASK *subtask* DETACHED**

Explanation

This message is logged to create an audit trail of the detachment of each subtask during TMS:Engine termination.

System action

None.

User response

None.

Message Type

LOG

KLVP027 **SHUTDOWN COMPLETE, *nnnnK*
PRIMARY STORAGE UNUSED**

Explanation

TMS:Engine termination has completed. The unused storage figure gives a rough guide to the remaining capacity in the current configuration.

System action

None.

User response

None.

Message Type

INFO

KLVP028 **CONFIRMATION NOT RECEIVED,
SHUTDOWN BYPASSED**

Explanation

A confirming shutdown request was not issued in the allotted confirm seconds, where confirm is the number of seconds that can occur between initial and confirming shutdown requests. This is a TMS:Engine initialization parameter with a default value of 15 seconds.

System action

The shutdown request fails.

User response

Issue or confirm another initial shutdown request if TMS:Engine is to be terminated.

Message Type

ALERT

KLVP029 **ABNORMAL TERMINATION
REQUESTED BY SHUTDOWN**

Explanation

The SHUTDOWN command with the abend option was requested.

System action

TMS:Engine terminates with a dump.

User response

Contact IBM Software Support.

Message Type

ALERT

KLVOP030	IMMEDIATE SHUTDOWN STARTED BY operator AT device
-----------------	---

Explanation

The CONFIRM initialization parameter is zero for the SHUTDOWN command issued by operator *operator* at device *device*.

System action

TMS:Engine terminates.

User response

None.

Message Type

REPLY, WARNING

KLVOP031	REPEATING COMMAND SCHEDULED EVERY n/
-----------------	---

Explanation

The TMS:Engine EVERY command was issued.

System action

None.

User response

None.

Message Type

REPLY

KLVOP032	ZERO INTERVAL NOT ALLOWED ON "EVERY" COMMAND
-----------------	---

Explanation

The TMS:Engine EVERY command was issued with zero as time interval operand.

System action

The "EVERY" command is ignored.

User response

Re-issue the command with a non-zero time interval operand.

Message Type

REPLY

KLVOP033	TIME INTERVAL GREATER THAN 24:00:00 SPECIFIED
-----------------	--

Explanation

The TMS:Engine EVERY command was issued with a time interval operand which evaluated to greater than 24 hours.

System action

The "EVERY" command is ignored.

User response

Re-issue the command with a time interval operand that evaluates to less than 24 hours.

Message Type

REPLY

KLVOP041	SESSION PASSED: LU(<i>luname</i>) DEST(<i>applid</i>)
-----------------	--

Explanation

LU *luname* was successfully passed to destination *applid* by the LOGOFF command.

System action

None.

User response

None.

Message Type

REPLY

**KLVOP042 UNABLE TO PASS SESSION:
LU(*luname*) R15 (*r15*)
SENSE(*sensors*)**

Explanation

An unsuccessful attempt was made to pass LU *luname* to another application by the LOGOFF command.

System action

None.

User response

Use *IBM z/OS Communications Server SNA Programming* and the *r15* and *SENSE sensors* fields to determine the reason the CLSDST macro instruction failed and take appropriate corrective action. The *SENSE* field format is explained in [“TMS:Engine codes”](#) on page 561.

Message Type

ERROR

**KLVOP043 SESSION TERMINATION
PENDING: LU(*luname*)**

Explanation

The LOGOFF command was issued specifying termination of the session between an active TMS:Engine application and the logical unit *luname*.

System action

The session between TMS:Engine and *luname* is enabled for termination. Termination is pending.

User response

None.

Message Type

REPLY

KLVOP044 SESSION *luname* NOT FOUND

Explanation

The TMS:Engine LOGOFF command was issued, but the session between an active TMS:Engine application and the LU *luname* could not be found.

System action

The command fails.

User response

Validate the name of the logical unit in question and reissue the command.

Message Type

ERROR

KLVOP046 SESSION TERMINATED: LU(*lu*)

Explanation

The session between an active TMS:Engine application and logical unit *lu* has been terminated by the LOGOFF command.

System action

None.

User response

None.

Message Type

REPLY

**KLVOP052 UNABLE TO LOAD APPLICATION
EXIT: APPLID(*applid*) EXIT(*exit*)**

Explanation

The OPEN command was issued, but TMS:Engine could not load the application module(s) associated with *applid*. This message is accompanied by message KLVC003, which gives a more specific reason why the module could not be loaded.

System action

The application is not opened.

User response

Be sure that any module referenced on the open command is located in the TMS:Engine load library.

Message Type

ERROR

**KLVOP053 APPLICATION STARTED:
APPLID(*applid*)**

Explanation

The application *applid* was started successfully by the OPEN command.

System action

None.

User response

None.

Message Type

INFO, REPLY

**KL VOP054 UNABLE TO INITIALIZE VTAM
ACB: APPLID(*applid*)**

Explanation

An attempt to allocate and initialize a VTAM ACB with the OPEN command is unsuccessful.

System action

The OPEN command fails.

User response

Contact IBM Software Support.

Message Type

ERROR

**KL VOP055 APPLICATION STOPPED:
APPLID(*applid*)**

Explanation

TMS:Engine application *applid* terminates successfully.

System action

None.

User response

None.

Message Type

INFO

**KL VOP061 SYSTEM OPERATORS: ID(*operator*)
DEV(*dev*) PEND(*pendnum*)
LIMIT(*oplimit*)**

Explanation

The TMS:Engine OPERS command was issued. Each active operator *operator* at logical unit *dev*

is displayed. Fields of interest are the number of characters comprising the pending messages *pendnum* and the maximum number of characters that may be pending *oplimit*.

System action

None.

User response

None.

Message Type

REPLY

**KL VOP071 PROFILE OPTIONS: [GLOBAL]
[LOCAL] [FOLD *arg*] [SCP]
[LIMIT=*n*]**

Explanation

The PROFILE command was issued. The current operator characteristics are displayed.

System action

None.

User response

None.

Message Type

REPLY

**KL VOP081 MESSAGE FROM *operator* AT *device*
*message***

Explanation

The SEND command was issued by operator *operator* at logical unit *device*. Message *message* was sent to the current operator.

System action

None.

User response

None.

Message Type

REPLY

KLVOP082 **OPERATOR *operator* NOT LOGGED ON**

Explanation

The SEND command was issued specifying that a message be routed to operator *operator*, but the operator was not logged on.

System action

The command fails.

User response

Validate the parameter operator using the OPERS command and reissue the original command.

Message Type

ERROR

KLVOP101 **APPLID *applid* NOT ACTIVE**

Explanation

The LOGON command attempted to initiate a session between an LU and an TMS:Engine application *applid* that is not active.

System action

The command fails.

User response

Validate the *applid* parameter and re-enter the command. If you receive the same message, the application in question is not active. You can activate it using the OPEN command.

Message Type

ERROR

KLVOP102 **SESSION STARTED: LU(*luname*)
APPL(*appl*)**

Explanation

The LOGON command successfully started a session between application *appl* and LU *luname*.

System action

None.

User response

None.

Message Type

REPLY

KLVOP103 **UNABLE TO START SESSION:
LU(*luname*) APPL (*appl*)
SENSE(*sense*)**

Explanation

The LOGON command to start a session between application *appl* and LU *luname* failed.

System action

The command fails.

User response

Consult *IBM z/OS Communications Server SNA Programming* to determine the cause for the error and take appropriate corrective action. The SENSE field format is explained in [“TMS:Engine codes” on page 561](#).

Message Type

ERROR

KLVOP111 **TMS:Engine TIME: *time***

Explanation

The TIME command causes the TMS:Engine *time* to be displayed.

System action

None.

User response

None.

Message Type

REPLY

KLVOP112 **TMS:Engine TIME RESET TO: *time*
DATE: *date***

Explanation

The TIME RESET command has set the TMS:Engine time and date to the system local date and time.

System action

None.

User response

None.

Message Type

REPLY

KLVOP121 **INTERNAL TRACE STATUS:
ERROR : *arg* DISPATCH: *arg*
STORAGE : *arg* VTAM : *arg*
LOGIRECS: *arg* VSAM : *arg* PSM:
*arg***

Explanation

The TRACE command displays the current trace table eligibility mask. *arg* is ENABLED OR DISABLED.

System action

None.

User response

None.

Message Type

REPLY

KLVOP122 **INVALID TRACE ID: *arg***

Explanation

The TRACE command contains an invalid parameter *arg*.

System action

The command fails.

User response

Validate and correct the trace ID *arg*, and reissue the command.

Message Type

ERROR

KLVOP123 **INVALID PREFIX CHARACTER: *arg***

Explanation

The TRACE command contains an invalid prefix character *arg* as one of the parameters.

System action

The command fails.

User response

Correct the invalid prefix character (it must be (+) or (-)) and reissue the command.

Message Type

ERROR

KLVOP124 **INTERNAL TRACE FACILITY
DISABLED**

Explanation

The TRACE command failed because the internal trace facility has been disabled.

System action

The command fails.

Message Type

ERROR

KLVOP125 **TRACE REQUEST REJECTED.
REQUIRED ARGUMENT MISSING**

Explanation

The GTRACE command was entered with the ON|OFF operand without specifying a resource to be traced.

System action

The trace request is rejected.

User response

Specify the resource to be traced and reissue the command.

Message Type

ERROR

KLVOP126 **TRACE REQUEST REJECTED.
INVALID CLASS(TERM|ACB)
SPECIFIED**

Explanation

An invalid CLASS was specified.

System action

The trace request is rejected.

User response

Specify a correct CLASS and reissue the command.

Message Type

ERROR

KLVOP127	TRACE REQUEST REJECTED. INTERNAL TRACE FACILITY DISABLED.
-----------------	--

Explanation

A GTRACE CLASS(INT) ON command has been issued but no internal trace table has been allocated at system startup.

System action

The trace request is rejected.

User response

If an internal trace is desired, specify DEBUG(Y) in the KLVSYSIN member of RKANPAR and recycle the system.

Message Type

ERROR

KLVOP128	TRACE TERM ACB(<i>resname</i>) QUEUED ENABLED DISABLED
-----------------	---

Explanation

The trace request for *resname* of TERM or ACB has been performed.

System action

None.

User response

None.

Message Type

ERROR

KLVOP129	TRACE REQUEST REJECTED. TERM(<i>resname</i>) NOT A PHYSICAL TERMINAL.
-----------------	--

Explanation

The trace for *resname* of CLASS(TERM) has been requested, but the *resname* is not a physical terminal.

System action

The trace request is rejected.

User response

Specify CLASS(ACB), or use the VSSTRACE command to trace virtual sessions.

Message Type

ERROR

KLVOP130	GTF INTERFACE HAS NOT BEEN ENABLED
-----------------	---

Explanation

A trace request has been issued for a resource but the GTF interface has not been enabled.

System action

None.

User response

Issue the GTF ON command to enable GTF tracing.

Message Type

WARNING

KLVOP131	TRACE CLASS(INT TERM ACB DLG) STATUS:
-----------------	---

Explanation

This is the header message of the trace status display.

System action

None.

User response

None.

Message Type

REPLY

KLVOP132 **TRACE REQUEST REJECTED.
INVALID ARGUMENT SPECIFIED.**

Explanation

A GTRACE command is specified with an invalid rename.

System action

The trace request is rejected.

User response

Correct and reissue the command.

Message Type

ERROR

KLVOP141 **MONITOR MASK FOR *operator*:
LOG : *mask* REPLY: *mask* ERROR:
mask INFO : *mask* WARN : *mask*
ALERT: *mask* VIEW: *mask* USER:
*mask***

Explanation

The MONITOR command displays the current monitor mask. The mask parameter indicates if the message type is enabled (YES) or disabled (NO) for this operator. Refer to “TMS:Engine codes” on page 561 for more information on message types.

System action

None.

User response

None.

Message Type

REPLY

KLVOP142 **INVALID MESSAGE TYPE: *type***

Explanation

An invalid message type *type* was specified as one of the parameters of the MONITOR command.

System action

The command fails.

User response

Refer to the “TMS:Engine codes” on page 561 for more information on message types.

Message Type

ERROR

KLVOP143 **INVALID PREFIX CHARACTER:
*prefix***

Explanation

An invalid message type prefix *prefix* was specified as one of the parameters of the TMS:Engine MONITOR command.

System action

The command fails.

User response

Correct the invalid message type prefix (it must be (+) or (-)) and reissue the command.

Message Type

ERROR

KLVOP152 **MODULE NOT FOUND: *module***

Explanation

The entry name *module* specified in the LINK command could not be found in the TMS:Engine load library. This message is accompanied by message KLVC003, which indicates a more specific reason why the module could not be found.

System action

The command fails.

User response

Determine if the entry name *module* is a valid member name or alias in the TMS:Engine load library.

Message Type

ERROR

KLVOP161 **CLOSE IN PROGRESS:
APPLID(*applid*)**

Explanation

The CLOSE command terminates application *applid*.

System action

Termination is proceeding for the application.

User response

None.

Message Type

REPLY

**KL VOP162 APPLICATION NOT OPEN:
 APPLID(*applid*)**

Explanation

Application *applid* specified in the TMS:Engine CLOSE command is not open.

System action

The command fails.

User response

Re-enter the command with the correct applid.

Message Type

ERROR

**KL VOP164 CRITICAL APPLICATION CANNOT
 BE CLOSED: APPLID(*applid*)**

Explanation

Application *applid* specified in the CLOSE command is not eligible to be terminated because it was opened with the critical attribute.

System action

The CLOSE command fails.

User response

Contact IBM Software Support.

Message Type

ERROR

KL VOP165 CLOSE COMPLETE: APPLID(*applid*)

Explanation

The CLOSE command was issued against *applid* and completed successfully.

System action

None.

User response

None.

Message Type

REPLY

**KL VOP182 EMULATION SESSION NOT
 AVAILABLE: STATUS(*sense*)**

Explanation

A virtual session specified in the EMLU3767 command was not available to service the request.

System action

The command fails.

User response

Refer to “TMS:Engine codes” on page 561 for the format of the STATUS (*sense*) field to determine the correct action to take. Look for other error messages referring to the virtual pool associated with this request.

Message Type

ERROR

KL VOP183 EMULATION SESSION STARTED

Explanation

The emulation session specified in the EMLU3767 command was started successfully.

System action

None.

User response

None.

Message Type

REPLY

KL VOP184 INVALID SEND STATUS: R1(hex)

Explanation

TMS:Engine returned an invalid send status for the EMLU3767 command.

System action

None.

User response

Use *IBM z/OS Communications Server SNA Programming* and the R1 field to determine the cause of the error and take appropriate corrective action. The format of the R1 field is explained in [“TMS:Engine codes” on page 561](#).

Message Type

ERROR

KLVOP185 EMULATION SESSION ENDED

Explanation

The emulation session started via the EMLU3767 command has ended.

System action

None.

User response

None.

Message Type

REPLY

**KLVOP186 UNABLE TO ACQUIRE VIRTUAL
SESSION WITH *applid*
SENSE(*sense*)**

Explanation

The virtual session with *applid* specified by the EMLU3767 command could not be established.

System action

None.

User response

The format of the SENSE field is explained in [“TMS:Engine codes” on page 561](#), which explains the cause of the error.

Message Type

ERROR

**KLVOP191 REPLY FROM *operator*:
COMMAND(*command*)**

Explanation

Operator *operator* issued command *command*. This message is issued to create an audit trail.

System action

None.

User response

None.

Message Type

LOG

KLVOP191_d INVALID CLASS NAME: *class*

Explanation

An AUTOPURG command has been issued from an operator session that specifies an invalid CLASS= operand.

System action

The AUTOPURG command is not executed.

User response

Correct the CLASS=values specified on the AUTOPURG command and attempt the command again.

Message Type

ERROR

KLVOP192 * AUTOPURGE CANDIDATE
LIST *** *restype.resname*:
USE(*use*), RES(*resaddr*)
OWNER(*restype.resname*) *nnn*
RESOURCES SCHEDULED FOR
AUTOPURGE**

Explanation

AUTOPURG has displayed the candidate list for resources to be AUTOPURGED. The *restype* and *resname* fields show the class and name of the resource to be AUTOPURGED and also of the OWNER of the resource, if one exists. The *use* field shows the current use count for the resource. One line of

resource data will appear for each resource which matches the AUTOPURG criteria. The *nnn* field of the last line of the message displays the total number of resources that meet the AUTOPURG criteria.

System action

None.

User response

None.

Message Type

REPLY

KLVOP193 * AUTOPURGED RESOURCES
*** *restype.resname*:
USE(*use*), RES(*resaddr*)
OWNER(*restype.resname*) *xxx* OF
yyy RESOURCES REQUIRED
AUTOPURGE**

Explanation

AUTOPURG has displayed the resources that actually were AUTOPURGED. The *restype* and *resname* fields show the class and name of the AUTOPURGED resource and also of the OWNER, if one exists. The *use* field shows the current use count for the resource. Resources are not actually terminated until the use count goes to zero. An AUTOPURG must be done for each resource until the use count goes to zero to purge the resource. The last line of the display shows the number of resources that were scheduled (*xxx* field) and the number that actually had their use count decremented (*yyy* field).

System action

None.

User response

If the USE count is still positive, another AUTOPURG command should be issued to purge the resource.

Message Type

ALERT

KLVOP194 RESOURCE NAME IS REQUIRED

Explanation

The AUTOPURG command requires a resource name as part of the AUTOPURGE criteria.

System action

The AUTOPURG command is not executed.

User response

To determine the resource name of the resource to AUTOPURGE, the DISPLAY operator command can be used to show resources that are currently in PURGE status and therefore available for AUTOPURGE.

Message Type

ERROR

**KLVOP195 *restype.resname1* OWNS
restype.resname2, NOT
PURGEABLE**

Explanation

The AUTOPURG command has detected that resource named by *resname1* owns the resource named by *resname2*. This resource will not be AUTOPURGED until all resources owned by it have been terminated.

System action

An AUTOPURG is not executed for that resource.

User response

All resources owned by the resource named by *resname1* must be AUTOPURGED first.

Message Type

ERROR, ALERT

**KLVOP201 ANYAPPL SPECIFIED IN A NON
DEDICATE POOL IGNORED**

Explanation

The parameter ANYAPPL can be specified only on a DEDICATE pool.

System action

TMS:Engine ignores the ANYAPPL parameter.

User response

Correct VSM definitions. Review your configuration and call IBM Software Support if the problem persists.

Message Type

REPLY

KLVOP202 INVALID SUBCOMMAND: *subcmd***Explanation**

Subcommand *subcmd* specified in the VSM command is not supported.

System action

The command fails.

User response

Contact IBM Software Support.

Message Type

ERROR

**KLVOP203 UNABLE TO ALLOCATE VSM ACB:
ACBNAME(*applid*) PSWD *pswd*****Explanation**

An attempt to allocate and initialize a VTAM ACB failed.

System action

Application *applid* is unavailable.

User response

Contact IBM Software Support.

Message Type

ERROR

**KLVOP204 APPLICATION *acbname* ALREADY
DEFINED TO *pool*****Explanation**

Application *acbname* specified in the VSM command has already been defined to *pool*. Do not define an application more than once to the same pool.

System action

The command fails.

User response

Reissue the command correctly.

Message Type

ERROR

**KLVOP205 INCONSISTENT SPECIFICATION:
NETNAME(*netname*)
ACBNAME(*acbname*)
THROUGH(*thru*)****Explanation**

An inconsistency was detected between the *netname* and *thru*, or between the *acbname* and *thru* specified in the VSM command.

System action

The command fails.

User response

Correct the error and reissue the command.

Message Type

ERROR

**KLVOP207 UNABLE TO OPEN VSM ACB:
ACBNAME(*acbname*) NETNAME
(*netname*) ARG(*arg*)****Explanation**

The TMS:Engine VSM command was issued but one of the following occurred:

1. A VTAM (OPEN) failed and a KLVVT001 error message indicating the cause of the error is written to RKLVLLOG.
2. The resource could not be defined.
3. The pre-open exit routine specified when the application was opened did not complete successfully.

System action

If the THROUGH parameter was specified, an attempt is made to start the other virtual applications. In any case, the virtual application indicated is unavailable.

User response

Depends on the reason for the error.

1. Use the TMS:Engine log and *IBM z/OS Communications Server SNA Programming* to determine the cause for the OPEN failure and take appropriate corrective action.
2. Contact IBM Software Support for possible reasons why the resource could not be defined.

- Contact IBM Software Support to determine why the pre-open routine exit did not complete successfully.

Message Type

ERROR.

**KLVOP208 DEDICATE ATTRIBUTE SPECIFIED,
LIMIT=l IGNORED**

Explanation

The parameter LIMIT=l is specified on a VSM pool which also specified DEDICATE. DEDICATE implies a limit of l.

System action

TMS:Engine ignores the LIMIT=l parameter.

User response

Remove either the LIMIT=l or the DEDICATE parameter to suppress this message.

Message Type

REPLY

**KLVOP209 SESSLIM SPECIFIED IN A NON
DEDICATE POOL IGNORED**

Explanation

The parameter SESSLIM can be specified only on a DEDICATE pool.

System action

TMS:Engine ignores the SESSLIM parameter.

User response

Correct VSM definitions. Review your configuration and call IBM Software Support if the problem persists.

Message Type

REPLY

**KLVOP210 NOCAPPL SPECIFIED IN A NON
DEDICATE POOL IGNORED**

Explanation

The parameter NOCAPPL can be specified only on a DEDICATE pool.

System action

TMS:Engine ignores the NOCAPPL parameter.

User response

Correct VSM definitions. Review your configuration and call IBM Software Support if the problem persists.

Message Type

REPLY

**KLVOP211 MODULE LIMIT: *cmmax* MODULE
USAGE: *cmcur* PANEL LIMIT:
dmmax PANEL USAGE: *dmcur*
THREADS: *stthr***

Explanation

The STATUS command was issued. The following information is displayed:

- cmmax*: The maximum number of bytes of storage TMS:Engine will use when loading modules. Zero means no limit.
- cmcur*: The current number of bytes of storage TMS:Engine has used to load modules.
- dmmax*: The maximum number of bytes of storage dialog management may use to store panels. Zero means no limit.
- dmcur*: The current number of bytes the dialog manager is using to store panels.
- stthr*: The current number of active threads.

System action

None.

User response

None.

Message Type

REPLY

**KLVOP212 { PLU *nnnnnnnn* APPL *applid*
POOL *poolname* CID *sccid* *nnnn*
SLU(S) *nnnn* ACTIVE SESSION(S)
SLU *nnnnnnnn* LU *luname* POOL
poolname CID *sccid* *nnnn* POOL
ASSOCIATION(S) *** END OF
DISPLAY *nnnnnnnn* *** }**

Explanation

This is the response to a VSM DISPLAY command.

System action

Processing continues.

User response

None.

Note: The SLU *nnnnnnnn* version is not currently produced.

Message Type

ERROR

KLVOP212_d **NODENAME *nnnnnnnn* NOT FOUND**

Explanation

A VSM DISPLAY command was issued for *nnnnnnnn* but the resource was not found.

System action

The command is ignored and processing continues.

User response

Correct the resource name and re-enter the command if necessary.

KLVOP213 { VIRTUAL SESSION POOL
nnnnnnnnnn [,PASS] [,PARALLEL]
[,DEDICATED] [,NOCAPPL]
[,SESSLIM] TIMEOUT: *ttttttt*
LOGMODE: *lllllll* NODE:
nnnnnnnnnn LU *luname* CID
sccid [ASSOC *assocname*]
APPLICATION *applid* HAS *nnnn*
ACTIVE SESSION(S) DEFERRED
APPLICATION *applid* *poolname*
STATISTICS: ACTIVE(*nnnn*)
AVAIL(*nnnn*)OPEN(*nnnn*)
DEFER(*nnnn*) LIMIT(*nnnn*) ***
nnnn SESSION(S) IN *nnnn* POOL(S)
*** }

Explanation

This message is the response to a VSM LIST command.

System action

Processing continues.

User response

None.

KLVOP251 **cccccccccccccccccc**

Explanation

The response *cccccccccccccccccc* was returned from CP in response to a CP command. If multiple response lines were returned, this message will appear multiple times.

System action

Processing continues.

User response

None.

KLVOP253 **CP COMMAND DID NOT
COMPLETE, DIAG CONDITION
CODE (1)**

Explanation

A CP command was processed but the response from CP will not fit in the response buffer. This is a should-not-occur problem.

System action

Processing continues.

User response

Contact IBM Software Support.

Message Type

ERROR

KLVOP254 **CP COMMAND BUFFER IS
GREATER THAN 240 BYTE
MAXIMUM**

Explanation

A CP command was entered but it exceeds the maximum length of 240 bytes.

System action

The command is ignored and processing continues.

User response

Try to reduce the length of the command and re-enter if required.

Message Type

ERROR

KLVOP290 **VIRTUAL SESSION POOL *pool* NOT DEFINED****Explanation**

Pool *pool* specified in the VSM command could not be defined.

System action

The pool specified is unavailable.

User response

This message is accompanied by a more specific message indicating why the pool could not be defined. Refer to that messages to determine the cause of the error.

Message Type

ERROR

KLVOP291 **VIRTUAL SESSION POOL *pool* DELETED****Explanation**

Termination of the virtual session POOL *pool*, previously created via the VSM command, was requested and the virtual session POOL *pool* was deleted.

System action

None.

User response

None.

Message Type

INFO

KLVOP302 **VIEWLOG CLUSTER NOT AVAILABLE****Explanation**

The VIEWLOG cluster specified in the VIEWLOG command is not available.

System action

The command fails.

User response

Look for other messages, KLVVL002 or KLVVL008, to determine a more specific reason why the cluster is not available, and take corrective action.

Message Type

ERROR

KLVOP303 **VIEWLOG CLUSTER NOT ACCESSIBLE****Explanation**

The VIEWLOG cluster specified in the VIEWLOG command could not be accessed.

System action

The command fails.

User response

Examine the log for other error messages concerning the VIEWLOG cluster and take corrective action.

Message Type

ERROR

KLVOP304 **DATE FIELD INVALID: DATE(*date*)****Explanation**

The date field *date* specified in the VIEWLOG FDATE command is invalid.

System action

The command fails.

User response

Specify the date as mm/dd/yy.

Message Type

ERROR

KLVOP312 **AS COMMAND MAY NOT BE DIRECTED TO *operator*****Explanation**

The AS command cannot be directed to operator *operator*.

System action

The command fails.

User response

Validate the operator parameter and reissue the command.

Message Type

ERROR

KLVOP314 COMMAND ISSUED

Explanation

The AS command was issued.

System action

None.

User response

None.

Message Type

REPLY

KLVOP315 OPERATOR *operator* NOT LOGGED ON

Explanation

The AS command was issued but the operator operator was not logged on.

System action

The command fails.

User response

If operator is *SYSVLG* check RKLVLLOG for messages to determine why *SYSVLG* was logged off. The VIEWLOG data set may be full. For all other operators, verify that you are using the correct ID and reissue the command.

Message Type

ERROR

KLVOP402 UNABLE TO ALLOCATE JES SPOOL FILE: REASON(*rsn*)

Explanation

The BATCH command did not complete because TMS:Engine was unable to allocate the JES spool file required for the output of the command.

System action

The command fails.

User response

The reason field contains the return code from SVC 99 services. This message will be accompanied by message KLVDA002. Refer to that message to determine the corrective action to be taken.

Message Type

ERROR

KLVOP403 UNABLE TO OPEN JES SPOOL FILE

Explanation

The BATCH command did not complete because the JES spool file could not be opened.

System action

The command fails.

User response

This message is accompanied by message KLVVS001, which contains a more specific reason why the file could not be opened. Refer to that message to determine the corrective action to be taken.

Message Type

ERROR

KLVOP404 UNABLE TO ALLOCATE DATA SET: DSNAME(*dsname*) REASON(*rsn*)

Explanation

The BATCH command did not complete because the data set containing the batch commands could not be allocated.

System action

The command fails.

User response

The reason field contains the return code from SVC 99 services. This message will be accompanied by message KLVDA002. Refer to that message to determine the corrective action to be taken.

Message Type

ERROR

KLVOP405	UNABLE TO OPEN DATA SET: DSNAME(<i>dsname</i>)
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Explanation

The BATCH command did not complete because the data set containing the batch commands could not be opened.

System action

The command fails.

User response

Contact IBM Software Support.

Message Type

ERROR

KLVOP406	UNABLE TO LOGON BATCH OPERATOR
-----------------	---

Explanation

The BATCH command did not complete because the operator (*SUBMIT*) could not be logged on.

System action

The command fails.

User response

Contact IBM Software Support.

Message Type

ERROR

KLVOP411	DIALOG TRACE STATUS({ON OFF}) TRACEABLE COMPILATION MODE({ON OFF})
-----------------	---

Explanation

Dialog trace is **ON** so that tracing of dialogs will occur, or it is **OFF** so that tracing of dialogs will not occur.

Traceable compilation mode is **ON** so that compilation creates an object module that is traceable, or it is **OFF** so that compilation creates an object module that is not traceable.

System action

None.

User response

None.

Message Type

REPLY

KLVOP412	DIALOG TRACE ALLOCATED STORAGE <i>nnnn</i> KB
-----------------	--

Explanation

The amount of storage used by the dialog trace facility for the retention of source statements and control blocks is displayed.

System action

None.

User response

None.

Message Type

REPLY

KLVOP413	{<i>luname</i> NTD} {ENABLED DISABLED} TBSZ <i>nnnn</i> ENTRIES [SUSPENDED]
-----------------	--

Explanation

The specified LU or a nonterminal dialog (NTD) was ENABLED or DISABLED. If interactive tracing capabilities were granted, user trace table size, *nnnn*, is displayed. For interactive users, suspension of output to the table destination may be indicated with SUSPENDED.

System action

None.

User response

None.

Message Type

REPLY

KLVOP414 **{*luname* | NTD}**
MEMBER(*memname*) RANGE(*start-*
***end*) DEST({BP | GTF | TABLE})**

Explanation

A range of statements, *start* through *end*, will be traced from source member *memname* for dialogs (which copy the member and have been compiled for trace) executing at either the specified LU or as nonterminal dialogs. The dialog manager generates trace output to BP, GTF or TABLE.

System action

None.

User response

None.

Message Type

REPLY

KLVOP415 **{*luname* | NTD} FLOWON**
DEST([BP] [GTF] [TABLE])

Explanation

FLOW tracing is active for the specified LU or for a nonterminal dialog (NTD). The dialog manger generates trace output to BP, GTF, or TABLE.

System action

None.

User response

None.

Message Type

REPLY

KLVOP416 **DIALOG TRACE IS {OFF | ON}**

Explanation

This message indicates the status of the dialog trace facility.

System action

If trace was turned **ON**, the DTRACE command can be used to enable terminals or nonterminal dialogs and to add and delete ranges. Commands specifying users, dialogs, and ranges to be traced are rejected if tracing was turned **OFF**. When trace is turned **ON**, all enabled LUs and nonterminal dialog resources can generate trace output.

User response

None.

Message Type

INFO

KLVOP417 **DESTINATIONS BP AND TABLE**
INVALID FOR NONTERMINAL
DIALOGS AND NON-INTERACTIVE
USERS

Explanation

A command specifying the BP or TABLE destination was issued for a noninteractive user or for nonterminal dialogs. These output destinations are valid only for interactive users enabled by LU name.

System action

The command completes unsuccessfully.

User response

Reissue the command using a different destination or enable the terminal for interactive tracing.

Message Type

INFO

KLVOP418 **{*luname* | NTD} ENABLED FOR**
DIALOG TRACE, TBLSZ(*nnnn*)

Explanation

The specified LU or a nonterminal dialog was enabled for tracing of dialogs. When a terminal identified by *luname* is granted interactive capabilities, user trace table size, *nnnn*, is displayed.

System action

Commands affecting the enabled LU or nonterminal dialogs are accepted.

User response

None.

Message Type

INFO

KLVOP419 **{*luname* | NTD} DISABLED FOR
DIALOG TRACE, ENVIRONMENT
{RETAINED | DELETED}**

Explanation

Tracing for the specified LU or the nonterminal dialogs was disabled. The trace environment is deleted or retained.

System action

When the trace environment is deleted, all dialogs and ranges that were declared traceable for the user are no longer traceable, even after the user is re-enabled.

User response

None

Message Type

INFO

KLVOP420 **RANGE(*start-end*) ADDED FOR
luname: MEMBER(*memname*)
DEST({BP | GTF | TABLE})**

Explanation

A range of statements, *start* through *end*, was added for the specified LU, specified member and specified destination, or for the nonterminal dialogs (NTD).

System action

When statements within the range for member are executed, trace output can be directed to a trace output destination: BP, GTF, or TABLE.

User response

None

Message Type

REPLY

KLVOP421 **RANGE ({*start-end* | ALL})
DELETED FOR {*luname* | NTD}:
MEMBER(*memname*) DEST({BP |
GTF | TABLE | ALL})**

Explanation

A range of statements, *start* through *end*, has been deleted for the specified LU or nonterminal dialogs (NTD), specified or all members, and specified or all destinations.

System action

The specified range that was deleted for the specified member, destination, and LU or NTD will no longer be traced.

User response

None

Message Type

REPLY

KLVOP422 **TRACEABLE COMPILATION MODE
IS {ON | OFF}**

Explanation

This message indicates the status of traceable compilation mode.

System action

Output from automatic compilation and the REFRESH command using parameter defaults is a traceable dialog if the mode is **ON**; it is nontraceable if the mode is **OFF**.

User response

None

Message Type

INFO

KLVOP423 **COMMAND INVALID WHILE
DIALOG TRACE IS OFF**

Explanation

A command was issued that requires that the dialog trace facility be activated.

System action

The command completes unsuccessfully.

User response

Turn on DTF and reissue the command.

Message Type

ERROR

KLVOP424 **{luname | NTD} NOT ENABLED FOR TRACING**

Explanation

An attempt was made to disable an LU or nonterminal dialogs (NTD), but the command completed unsuccessfully because the LU or NTD was not enabled for tracing.

System action

The command completes unsuccessfully.

User response

Correct the LU name and reissue the command.

Message Type

ERROR

KLVOP427 **FLOW TRACE STATUS UNCHANGED**

Explanation

A command was issued to change the state of the flow trace to the state that already exists.

System action

The command completes unsuccessfully.

User response

Reissue the command to set the flow trace to the desired state, or do nothing if the desired state is the current one.

Message Type

ERROR

KLVOP428 **keyword=value INVALID**

Explanation

A command containing an invalid parameter *keyword* was issued.

System action

The command completes unsuccessfully.

User response

Consult the command documentation, and then reissue the command.

Message Type

ERROR

KLVOP430 **{luname | NTD} ALREADY ENABLED FOR DIALOG TRACING**

Explanation

An attempt was made to enable an LU or nonterminal dialog (NTD), but the LU or NTD was already enabled for tracing.

System action

The command completes unsuccessfully.

User response

Correct the LU name or disable the LU or nonterminal dialogs, and reissue the command.

Message Type

ERROR

KLVOP431 **STORAGE ISOLATION POOL NOT INITIALIZED**

Explanation

A storage isolation pool could not be initialized during DTF initialization.

System action

The dialog trace facility (DTF) is not on.

User response

Use the STORAGE command to display storage utilization. Adjust storage allocation parameters and recycle TMS:Engine if storage was underallocated. Otherwise, contact IBM Software Support.

Message Type

ERROR

KLVOP432 **DIALOG TRACE HANDLE POOL NOT INITIALIZED**

Explanation

An attempt was made to turn on the dialog trace facility (DTF), but a handle pool could not be initialized.

System action

The dialog trace facility (DTF) is not turned on.

User response

Contact IBM Software Support.

Message Type

ERROR

KLVOP433 **TRACE ENVIRONMENT INTEGRITY ERROR**

Explanation

Data structures used for representation of dialog trace information are corrupted.

System action

The dialog trace facility (DTF) is turned off and cannot be restarted.

User response

Contact IBM Software Support.

Message Type

ERROR

KLVOP434 **LUNAME= AND NTD= PARAMETER CONFLICT**

Explanation

The LUNAME and NTD keyword parameters are mutually exclusive.

System action

The command completes unsuccessfully.

User response

Reissue the command with either the LUNAME or NTD keyword parameter.

Message Type

ERROR

KLVOP443 **{luname | NTD} FLOWOFF DEST({BP | GTF | TABLE})**

Explanation

Flow trace has been turned off for the specified LU or nonterminal dialogs (NTD) and for the specified destinations.

System action

Transfers of control between dialogs for NTD or luname will no longer be traced.

User response

None.

Message Type

INFO

KLVOP444 **DIALOG TRACE IS ALREADY ON**

Explanation

KLV\$TEM1 returned an unanticipated return code.

System action

The command completes unsuccessfully.

User response

None.

Message Type

ERROR

KLVOP445 **INVALID RETURN CODE nn PASSED FROM KLV\$TEM**

Explanation

In attempt was made to activate DTF, but it was already activated.

System action

The command completes unsuccessfully.

User response

Contact IBM Software Support.

Message Type

ERROR

KLVOP447 **RANGE (start-end) FOR {luname
| NTD} MEMBER(memname)
DEST({BP | GTF | TABLE})
ALREADY EXISTS**

Explanation

An attempt was made to add a specified range that already exists.

System action

The command completes unsuccessfully.

User response

None.

Message Type

ERROR

KLVOP448 **LU *luname* NOT ENABLED FOR
INTERACTIVE TRACING**

Explanation

An attempt was made to suspend tracing for *luname* or an NTD that was not enabled for interactive tracing.

System action

The command completes unsuccessfully.

User response

None.

Message Type

ERROR

KLVOP450 **pppppppp, A REQUIRED
PARAMETER, IS MISSING**

Explanation

A command was issued without a required parameter.

System action

The command completes unsuccessfully.

User response

Reissue the command with required parameter.

Message Type

ERROR

KLVOP451 **LUNAME= OR NTD=YES IS
REQUIRED**

Explanation

A command was issued that requires the LUNAME or NTD keyword parameter.

System action

The command completes unsuccessfully.

User response

Reissue the command for a specified LU or NTD.

Message Type

ERROR

KLVOP452 **TBLSZ= IGNORED FOR REENABLE**

Explanation

A nonzero trace table size was specified for a disabled, interactive trace user with a retained trace environment. The trace table size cannot be changed when the user is re-enabled.

System action

The command completes successfully, but the newly-specified trace table size is ignored.

User response

If a new trace table size is desired, disable the user with the KEEP=NO option to delete the user's trace environment. Then re-enable the user with a new trace table size.

Message Type

INFO

KLVOP453 **DISABLE FAILED FOR NON-
UNIQUE LU, *luname***

Explanation

An attempt was made to disable tracing for *luname*, but the name is not unique to the system.

System action

The command completes unsuccessfully.

User response

Rename *luname* so that it is unique to the system.

Message Type

ERROR

KLVOP501 **COMMAND ISSUED AS CN *cnid*:RC
(*rc*)**

Explanation

An z/OS command was issued as console operator *cnid*. The SVC 34 used to submit the command to the operating system received the return code *rc*.

System action

None.

User response

None.

Message Type

REPLY

KLVOP502 **TMS/Engine JOBSTEP NOT
AUTHORIZED, COMMAND
REJECTED**

Explanation

TMS:Engine is not running from an APF-authorized library and is not able to issue the requested z/OS command.

System action

The command fails.

User response

Run TMS:Engine from an authorized library.

Message Type

REPLY

KLVOP503 **NO TEXT PASSED TO THE MVS
COMMAND**

Explanation

An TMS:Engine z/OS command was issued with no argument.

System action

The z/OS command is ignored.

User response

Reissue the command with an argument.

Message Type

REPLY

KLVOP504 **TEXT PASSED TO THE MVS
COMMAND GREATER THAN
126 CHARACTERS, COMMAND
REJECTED**

Explanation

The TMS:Engine operator command z/OS was issued with an argument that was too long.

System action

The z/OS command is ignored.

User response

Reissue the command with a shorter argument.

Message Type

REPLY

KLVOP552 **UNABLE TO ALLOCATE FORWARD
ACB: APPLID(*appl*)**

Explanation

TMS:Engine was unable to allocate *appl* specified in the FORWARD command.

System action

The command fails.

User response

Contact IBM Software Support.

Message Type

REPLY

KLVOP553 **UNABLE TO OPEN FORWARD ACP:
APPLID(*appl*) REASON(*rc*)**

Explanation

TMS:Engine was unable to OPEN the *appl* specified in the FORWARD command.

System action

The command fails.

User response

The REASON field contains the return code from the z/OS Communications Server OPEN macro instruction. Refer to *IBM z/OS Communications Server SNA Programming* to determine the cause of the error.

Message Type

REPLY

KLVOP554 **FORWARD TO *appldest* FROM *appl1* STARTED**

Explanation

Application *appl1* will be FORWARDED to *appldest* as specified in the FORWARD command.

System action

None.

User response

None.

Message Type

INFO

KLVOP555 **FORWARD TO *appldest* FROM *appl1* STOPPED**

Explanation

The forwarding of application *appl1* was successfully stopped by the FORWARD command.

System action

None.

User response

None.

Message Type

INFO

KLVOP601 **VPO FACILITY NOT AVAILABLE**

Explanation

The VPO facility required for the VPO command is not active.

System action

The command fails.

User response

Contact IBM Software Support.

Message Type

ERROR

KLVOP651 **UNABLE TO ALLOCATE DIALOG ACB: APPLID(*appl*)**

Explanation

TMS:Engine was unable to allocate the *appl* specified in the DIALOG command.

System action

The command fails.

User response

Contact IBM Software Support.

Message Type

ERROR

KLVOP652 **UNABLE TO OPEN DIALOG ACB: APPLID(*appl*) REASON(*rc*)**

Explanation

TMS:Engine was unable to OPEN the *appl* specified in the DIALOG command.

System action

The command fails.

User response

The REASON field contains the return code from the z/OS Communications Server OPEN macro instruction. Refer to *IBM z/OS Communications Server SNA Programming* to determine the cause of the error.

Message Type

ERROR

KLVOP653 **DIALOG APPLICATION *ool***
STARTED: DIALOG(*dialog*)
LANGUAGE(*language*)

Explanation

Application *appl* with controlling dialog *dialog* was successfully started by the DIALOG command. *language* is the language code used to locate the dialog.

System action

None.

User response

None.

Message Type

REPLY, INFO

KLVOP654 **DIALOG APPLICATION *appl***
STOPPED: DIALOG(*dialog*)
LANGUAGE(*language*)

Explanation

Application *appl* with controlling dialog *dialog* was successfully stopped by the CLOSE command. *language* is the language code used to locate the dialog.

System action

None.

User response

None.

Message Type

REPLY, INFO

KLVOP655 **LOGON DIALOG**
UNAVAILABLE: DIALOG(*dialog*)
LANGUAGE(*language*)

Explanation

A DIALOG command was issued specifying dialog as the logon dialog and a usable copy of the dialog could not be found in the DD pointed to by the language code, *language*. This error may be caused

by misspelling the dialog name in the command or by syntax errors within the dialog itself. In the case of syntax errors within the dialog, there will be additional messages describing the errors that were detected.

System action

The command fails.

User response

Contact IBM Software Support.

Message Type

ERROR

KLVOP656 **ATTENTION DIALOG**
UNAVAILABLE: DIALOG(*dialog*)
LANGUAGE(*language*)

Explanation

A DIALOG command was issued specifying dialog as the Window Control dialog and a usable copy of the dialog could not be found in the DD pointed to by the language code, *language*. This error may be caused by misspelling the dialog name in the command or by syntax errors within the dialog itself. In the case of syntax errors within the dialog, there will be additional messages describing the errors that were detected.

System action

The command fails.

User response

Contact IBM Software Support.

Message Type

ERROR

KLVOP657 **ATTENTION DIALOG AND NOPSM**
CONFLICT: DIALOG APPLICATION
appl

Explanation

A DIALOG command was issued specifying mutually exclusive parameters.

System action

The command fails.

User response

Correct and reissue the command.

Message Type

ERROR

**KLVOP658 UNABLE TO INITIALIZE DIALOG
MANAGER: LU(*lu*) APPLID(*appl*)**

Explanation

The named *lu* was attempting to log onto the named DIALOG application and an error was detected while starting execution of the logon dialog associated with the application.

System action

The named *lu* is disconnected from the application.

User response

Check the TMS:Engine log for associated error messages.

Message Type

VIEW

**KLVOP802 UNABLE TO ALLOCATE DATA SET:
DSNAME(*dsname*) REASON(*rsn*)**

Explanation

The PRINT command completed unsuccessfully because *dsname* could not be allocated.

System action

The command fails.

User response

The REASON field refers to the return code from SVC 99 services. This message is accompanied by message KLVDA002, which contains a more detailed explanation why the data set could not be allocated. Refer to that message for more information.

Message Type

ERROR

**KLVOP803 UNABLE TO OPEN DATA SET:
DSNAME(*dsname*)**

Explanation

The PRINT command completed unsuccessfully because *dsname* could not be opened.

System action

The command fails.

User response

None.

Message Type

ERROR

**KLVOP804 DATA SET PRINT COMPLETE:
DSNAME(*dsname*)**

Explanation

The PRINT command was issued and completed successfully.

System action

None.

User response

None.

Message Type

REPLY

**KLVOP805 PRINTER SESSION INACTIVE:
PRINTER(*printer*)**

Explanation

The PRINT command completed unsuccessfully because the session associated with printer *printer* could not be found.

System action

The command fails.

User response

The session between the specified printer and TMS:Engine must be active when the command is issued. Currently a LOGON command must be issued to log the printer onto the TMS:Engine operator ACB.

Message Type

ERROR

KLVOP809 PRINT REQUEST ACCEPTED

Explanation

The PRINT command completed successfully.

System action

None.

User response

None.

Message Type

REPLY

**KLVOP850 DUPLICATE NODE-ID: *nnnnnnnn*
 *ddname(memname)***

Explanation

The node *nnnnnnnn* appears more than once in member *memname*.

System action

The NODE command is ignored.

User response

Edit the indicated member and correct the problem.

Message Type

ERROR

**KLVOP851 UNABLE TO INITIALIZE ACB FOR
 NODE *appl***

Explanation

TMS:Engine was unable to allocate the *appl* specified in the NODE command.

System action

The command fails.

User response

Contact IBM Software Support.

Message Type

ERROR

**KLVOP852 DUPLICATE NETWORK-ID: *appl*
 RKANPAR (*config*)**

Explanation

A conflict was detected in configuration member *config* in RKANPAR specified in the NODE command.

System action

The command fails.

User response

Contact IBM Software Support.

Message Type

ERROR

**KLVOP853 UNABLE TO OPEN NODE ACB:
 APPLID(*appl*) REASON (*rc*)**

Explanation

The NODE command failed because TMS:Engine was unable to open the *appl* specified.

System action

The command fails.

User response

The REASON field contains the return code from the z/OS Communications Server OPEN macro instruction. Refer to *IBM z/OS Communications Server SNA Programming* to determine the cause of the error.

Message Type

ERROR

**KLVOP854 UNABLE TO LOAD NODE
 COMPONENT(S): APPLID(*appl*)**

Explanation

TMS:Engine was unable to load the node components specified in the LOAD NODE command. Either KLVLUNDE, KLVEVNDE, or KLVICNDE could not be loaded.

System action

The command fails.

User response

Look for other messages in the KLVC*Mnnn* format to determine which module could not be loaded and why.

Message Type

ERROR

KLVOP855 **NODE STARTED: APPLID(*appl*)**

Explanation

Application *appl* was successfully started by the

Explanation

NODE command.

System action

None.

User response

None.

Message Type

REPLY, INFO

KLVOP856 **NODE STOPPED: APPLID(*appl*)**

Explanation

NODE application *appl* was successfully stopped.

System action

None.

User response

None.

Message Type

INFO

KLVOP857 **VALIDATION DIALOG
UNAVAILABLE: DIALOG(*dialog*)
LANGUAGE(*language*)**

Explanation

A NOTE command was issued specifying dialog as the PANEL (validation) dialog and a usable copy of the dialog could not be found in the DD pointed to by the language code, language. This error may be caused by misspelling the dialog name in the command or by

syntax errors within the dialog itself. In the case of syntax errors within the dialog, there will be additional messages describing the errors that were detected.

System action

The command fails.

User response

Contact IBM Software Support.

Message Type

ERROR

KLVOP901 **NAM INACTIVE**

Explanation

The NAM command failed because the NAM facility is inactive. Either no parameters were specified in the initialization library member KLVINNAM, the member could not be found, or the NAM facility was never correctly defined.

System action

The command fails.

User response

Contact IBM Software Support.

Message Type

ERROR

KLVOP902 **NAM ? [CNTRLPT(*cntrlpt*)]**

Explanation

The NAM command was issued and the NAM environment has been entered. This is a prompting message. *cntrlpt* indicates the control point for subsequent NAM commands.

System action

None.

User response

Enter NAM commands.

Message Type

REPLY

KLVOP903 **COMMAND: *command***

Explanation
The NAM command was issued and is returned to the operator.

System action
None.

User response
None.

Message Type
REPLY

KLVOP904 ***subcmd* NOT RECOGNIZED**

Explanation
A NAM *subcmd* command was issued, but the requested service *subcmd* is not supported.

System action
The command terminates.

User response
Contact IBM Software Support.

Message Type
ERROR

KLVOP905 ***varname*: text FOR USERID
XXXXXXXX**

Explanation
The NAM SET command was issued, and the variable *varname* was successfully set to the value text for USERID xxxxxxxx.

System action
None.

User response
None.

Message Type
REPLY

KLVOP906 **CNTRLPT *cpname* DATABASE IS
*dbname***

Explanation
The NAM CNTRLPT *cpname* command was issued, and the current control point database is *dbname*.

System action
None.

User response
Contact IBM Software Support.

Message Type
REPLY

KLVOP908 **DUPLICATE DECLARATION:
*varname***

Explanation
The NAM DECLARE command completed unsuccessfully because the variable *varname* has already been declared.

System action
The command fails.

User response
Contact IBM Software Support.

Message Type
REPLY

KLVOP909 ***varname* DECLARED: LENGTH(*n*)**

Explanation
The NAM DECLARE command successfully defined variable *varname* with length *n*.

System action
None.

User response
None.

Message Type

REPLY

Message Type

ERROR

KLVOP910 **ACCESS UPDATED|CREATED FOR
USERID *userid***

Explanation

The NAM SET *userid* [PASSWORD=*pswd*, CHANGE=*chg*] was issued to change or add a user control record for user *userid*.

System action

None.

User response

None.

Message Type

ERROR

KLVOP911 **USER *userid* DELETED**

Explanation

The NAM DELETE *userid* command was issued and all records for the specified user have been deleted.

System action

None.

User response

None.

Message Type

REPLY

KLVOP912 **USER *userid* NOT FOUND**

Explanation

The NAM DELETE *userid* command was issued, but no records could be found for the specified *userid*.

System action

The command is ignored.

User response

Contact IBM Software Support.

Message Type

REPLY

KLVOP914 ***varname* ERASED FOR USERID
*userid***

Explanation

A NAM SET command was issued for variable *varname* with no value to set the variable to. The command action is to erase the variable for USERID *userid*. The variable still exists on the NAM database but its value for the specified user is zero or NULL.

System action

The next variable is processed.

User response

None.

Message Type

REPLY

KLVOP915 **VARIABLE *name* LENGTH *len***

Explanation

The NAM VLIST command was issued, and the declared variables with the corresponding lengths are displayed.

System action

None.

User response

None.

Message Type

REPLY

KLVOP916 **USER *userid* DEFINED *date time***

Explanation

The NAM DISPLAY command displays the current user statistics.

System action

None.

User response

None.

Message Type

REPLY

KLVOP917 **LAST ACCESS** *date time*

Explanation

The NAM DISPLAY command was issued. This message is only issued if database entry validation is used for the current control point.

System action

None.

User response

None.

Message Type

REPLY

KLVOP918 *varname: text*

Explanation

The NAM DISPLAY command was issued and variables for the requested user ID are displayed.

System action

None.

User response

None.

Message Type

REPLY

KLVOP919 **NAM END**

Explanation

The NAM END command was issued.

System action

None.

User response

None.

Message Type

REPLY

KLVOP920 **VARIABLE** *varname* **IS UNDECLARED**

Explanation

The NAM SET command was issued to set a variable *varname* for a particular user ID, but the variable was never declared.

System action

The command fails.

User response

Before a NAM SET command can be issued to manipulate a variable, the variable must be declared with the NAM DECLARE command.

Message Type

REPLY

KLVOP921 **INVALID VARIABLE REFERENCE:**
varname

Explanation

The NAM SET command was issued, but the command failed because the variable *varname* is illegally referenced. Either the variable name was too long, or there is no colon (:) separating the variable name and the text.

System action

Any remaining variables are processed.

User response

Correct the error and reissue the command.

Message Type

REPLY

KLVOP922 **VARIABLE EXPRESSION TOO LONG FOR** *varname: expr*

Explanation

The NAM SET command was issued, but the command failed because the length of varname, defined via the NAM DECLARE command, is not long enough to hold the requested expression expr.

System action

Any remaining variables are processed.

User response

Correct the error and reissue the command. The NAM LIST command can be used to list all the declared variables and their respective lengths.

Message Type

REPLY

KLVOP923	INVALID PASSWORD FOR USERID XXXXXXXX
-----------------	---

Explanation

A NAM SET command was issued to change a password, and the password was invalid.

System action

The password is changed to an unknown value.

User response

Issue the NAM SET command again with a valid password.

Message Type

REPLY

KLVOP924	I/O ERROR: CNTRLPT(<i>cntrlpt</i>) DATABASE (<i>dsname</i>)
-----------------	--

Explanation

An attempt to put a record to the database *dsname* by a NAM command failed as a result of an I/O error.

System action

The command fails.

User response

Examine the TMS:Engine log for error message KLVVS021 or KLVVS031. These messages contain a more specific reason why the PUT operation failed.

Message Type

ERROR

KLVOP926	CNTRLPT <i>cntrlpt</i> DATABASE UNAVAILABLE
-----------------	--

Explanation

A NAM command was issued but no control point database was defined for this control point.

System action

The command fails.

User response

Contact IBM Software Support.

Message Type

ERROR

KLVOP927	USER <i>cccccccc</i> - PASSWORD NOT DEFINED
-----------------	--

Explanation

A NAM DISPLAY *cccccccc* command was issued, but no password has been set for this user ID.

System action

None.

User response

Contact your NAM database administrator to have a password set for this user ID.

Message Type

REPLY

KLVOP929	<i>cpname</i>[,<i>cntrlpt</i>[,...]]
-----------------	---

Explanation

The NAM DBLIST command lists each control point, along with its associated database.

System action

None.

User response

None.

Message Type

REPLY

KLVOP930 *cpname* [,SAF(SUBSYS=*sysid*,
REQUESTOR=*rqid*)] [,RACF] [,DB]
[,EXIT] [,NOTIFY] [,NONAF]
[DATABASE=*dsname*]

Explanation

The NAM CPLIST command lists the current control points and their attributes.

System action

None.

User response

Contact IBM Software Support.

Message Type

REPLY

KLVOP951 **SCB DUMP**

Explanation

The SNA command requested a dump of the session control block and status of a certain session. This command is used as a debugging tool for TMS:Engine application programmers. Text is for IBM Software Support use.

System action

None.

User response

None.

Message Type

ERROR

KLVOP953 **UNSUPPORTED SUBCOMMAND:**
subcmd

Explanation

The SNA command was issued with the specified subcommand, but the subcommand is not supported.

System action

The command is ignored.

User response

Supply a valid subcommand name.

Message Type

ERROR

KLVOP960 **RTM *rtm-name* INTERFACE IS
TERMINATING**

Explanation

The specified RTM interface is being terminated in response to a user request (RTM OFF).

System action

None.

User response

None.

Message Type

INFO

KLVOP961 **RTM *rtm-name* INTERFACE
ENABLED - EXTERNAL NAME: *ext-*
name USEREXIT: *exit-name***

Explanation

An RTM ON command for TYPE = ETE or NetSpy? was successfully processed. The interface to the indicated response time monitor is now active.

System action

None.

User response

None.

Notes

This is a USEREXIT change only if RTM is already ON.

Message Type

INFO

KLVOP962 **RTM *rtm-name* INTERFACE
DISABLED**

Explanation

An RTM OFF command processed successfully, or the interface was active but was deactivated while processing an RTM ON command. The interface to the indicated response time monitor is now inactive.

System action

None.

User response

None.

Message Type

INFO

KLVOP963	COMMAND ERROR, RTM INTERFACE MAY BE SET "ON" OR "OFF"
-----------------	--

Explanation

ON or OFF was not specified as the first positional parameter on an RTM command.

System action

The RTM command is not processed and the RTM interface state is not changed.

User response

Correct the command syntax and reissue the command.

Message Type

ERROR

KLVOP964	RTM <i>rtm-name</i> INTERFACE IS NOT SUPPORTED FOR VTAM LEVEL <i>version-level</i>
-----------------	---

Explanation

An RTM command could not be processed because TMS:Engine is executing under a release of z/OS Communications Server that does not support the ETE or NetSpy RTM interface.

System action

The RTM command is not processed and the RTM interface state remains inactive.

User response

Verify that the release of z/OS Communications Server that you are running is supported.

Message Type

ERROR

KLVOP965	RTM <i>rtm-name</i> INTERFACE USEREXIT <i>exit-name</i> IS INVALID
-----------------	---

Explanation

While processing an RTM ON command, the specified USEREXIT could not be loaded into virtual storage, or the user exit module did not contain an NOP instruction as the first word of the module.

System action

The RTM command is not processed and the RTM interface state remains inactive.

User response

Verify that the user exit module was properly assembled and link-edited into an accessible program library, and that the requirement for the initial NOP instruction is met. Contact IBM Software Support if you need further assistance.

Message Type

ERROR

KLVOP966	COMMAND ERROR, RTM <i>rtm-name</i> IS UNKNOWN
-----------------	--

Explanation

An RTM command specified a response time monitor whose name is not recognized. NPM, ETE, and NetSpy are currently supported.

System action

The RTM command in error is not processed and the RTM interface state is not changed.

User response

Correct the name and issue the command again.

Message Type

ERROR

KLVOP967 **COMMAND ERROR, EXTERNAL NAME NOT VALID FOR RTM *rtm-name***

Explanation

An RTM ON command specified a parameter that is valid only for the ETE or NetSpy interface.

System action

The RTM command in error is not processed and the RTM interface state is not changed.

User response

Correct the name and issue the command again, or omit the invalid parameter and issue the command again.

Message Type

ERROR

KLVOP968 **RTM NPM INTERFACE ENABLED - USEREXIT: *exit-name***

Explanation

An RTM ON command for the NPM response time monitor was successfully processed. The interface to NPM is now active.

System action

None.

User response

None.

Message Type

INFO

KLVOP969 **UNABLE TO CONNECT TO RTM *rtm-name***

Explanation

The RTM ON command failed.

System action

The RTM interface state remains inactive.

User response

Refer to message KLVRT021. Correct the problem if possible and reissue the command.

Message Type

ALERT

KLVOP970 **RTM *rtm-name* NOT STARTED**

Explanation

An RTM OFF command was issued for a response time monitor in which the interface is not active.

System action

Command is ignored.

User response

None.

Message Type

INFO

KLVOP971 **GTF INTERFACE ENABLED, GTRACEID: *id* INTERNAL: *status***

Explanation

A GTF ON command has successfully been completed. *id* is the ID written for all GTF records. *status* can be YES or NO. YES means that internal trace records will also be written to GTF data set.

System action

None.

User response

None.

Message Type

INFO

KLVOP972 **GTF INTERFACE DISABLED**

Explanation

A GTF OFF command has successfully completed.

System action

None.

User response

None.

Message Type

INFO

KLVOP973	COMMAND ERROR, GTF INTERFACE MAY BE SET "ON" OR "OFF"
-----------------	--

Explanation

A GTF command with an invalid operand has been entered.

System action

The command is rejected.

User response

Correct the command and reissue it.

Message Type

ERROR

KLVOP974	COMMAND ERROR, GTRACEID: <i>id</i> IS INVALID
-----------------	--

Explanation

A GTF command with an invalid GTRACE ID has been entered.

System action

The command is rejected.

User response

Make sure that the GTRACE ID is within the range of 1-1023.

Message Type

ERROR

KLVOP975	COMMAND ERROR, INTERNAL: <i>value</i> IS INVALID
-----------------	---

Explanation

A GTF command with an invalid value for the INTERNAL operand has been entered.

System action

The command is rejected.

User response

Valid values for the INTERNAL operand are YES or NO.

Message Type

ERROR

KLVPA001	SYNAD ERROR: <i>synadmsg</i>
-----------------	-------------------------------------

Explanation

A physical error occurred while reading a partitioned data set. The operating system provides *synadmsg*, which is documented in *IBM z/OS DFSMS Macro Instructions for Data Sets*. The text of *synadmsg* includes the jobname, stepname, unit address, device type, ddname, operation, error description, absolute track address, and access method. Message KLVPA002 is issued to provide additional diagnostic information. If the data set is a PDS/E (extended partitioned data set), message KLVPA007 may follow with additional operating system information.

System action

The library is closed then reopened, and the operation is retried.

User response

Examine the text of *synadmsg* and KLVPA002 to determine the reason for the error. If the error description in *synadmsg* is OUT OF EXTENT, compress the library after the TMS:Engine address space has been terminated and is not running.

Message Type

INFO

KLVPA002	SYNAD ERROR SENSE AND STATUS BYTES: <i>xxxxyyyy</i>
-----------------	--

Explanation

A physical error has occurred while reading a partitioned data set. *xxxx* contains sense bytes 1 and 2, and *yyyy* contains status bytes 1 and 2 as documented in *DFSMS/MVS Using Datasets* (SC26-4922). Message KLVPA001 was issued prior to this to provide additional diagnostic information.

System action

The library is closed, reopened, and the operation is retried.

User response

Review message KLVPA001 and examine the sense and status bytes to determine the cause of the error.

Message Type

INFO

KLVPA003	LIBRARY ddname REFRESHED, SYNAD EXIT DRIVEN
-----------------	--

Explanation

A physical error has occurred while reading the library referenced by ddname. The library has been closed and reopened in an attempt to recover from the failure. Messages KLVPA001 and KLVPA002 have been issued to provide diagnostic information regarding the error.

System action

None.

User response

None.

Message Type

INFO

KLVPA004	LIBRARY ddname UNUSABLE, REFRESH FAILED
-----------------	--

Explanation

A physical error occurred while reading the library referenced by ddname. The library was closed and reopened, and the error persisted when the operation was retried.

System action

The request is terminated.

User response

Examine the accompanying KLVPA001 and KLVPA002 messages to determine the cause for the failure. If ddname is a critical library such as RKANPENU, the TMS:Engine address space should be stopped and restarted as soon as possible.

Message Type

INFO

KLVPA005	error, FUNCTION(PDS): 'text'
-----------------	-------------------------------------

Explanation

A syntax error, error, was found while processing the parameters passed to the partitioned data set SSPL dialog function. text is the text at or near the error. Message KLVDM015 follows and identifies the associated dialog.

System action

The dialog is terminated.

User response

If this error occurs while running CL/SUPERSESSION, correct the dialog and restart the dialog process. If this error occurs while running any other IBM Tivoli product, contact IBM Software Support.

Message Type

VIEW

KLVPA006	NO VALID REQUEST CODED FOR FUNCTION(PDS)
-----------------	---

Explanation

A null string was passed as the request code to the partitioned data set SSPL dialog function. Message KLVDM015 follows and identifies the associated dialog.

System action

The dialog is terminated.

User response

If this error occurs while running CL/SUPERSESSION, correct the dialog and restart the dialog process. If this error occurs while running any other IBM Tivoli product, contact IBM Software Support.

Message Type

VIEW

KLVPA007	synadmsg
-----------------	-----------------

Explanation

A physical error occurred while reading a PDS/E (extended partitioned data set). Message KLVPA007

follows KLVPA001 and displays additional information provided by the operating system.

System action

See KLVPA001.

User response

See KLVPA001.

Message Type

INFO

KLVPK001	INSUFFICIENT STORAGE FOR PACKED STRING
-----------------	---

Explanation

During a PACK operation KLV\$PACK determined that a piece of storage large enough to hold a packed string could not be obtained.

System action

The thread is abended.

User response

Contact IBM Software Support. Keep dump, RKLVLLOG, SYSLOG, and runsheets.

Message Type

ERROR

KLVPM001	PSM NOT AVAILABLE: DIALOG(<i>dlg</i>) LU(<i>lu</i>) APPL(<i>appl</i>)
-----------------	--

Explanation

A dialog attempted to execute a PSM dialog function that operates on the presentation space screen-image buffer (for example, PSMATTR) and there was no buffer. This may be caused, for example, by attempting to execute such a function within a dialog that has no BODY. *dlg* is the name of the dialog in error and it was executing on behalf of the terminal user at *lu*. *appl* is the controlling application for *lu*.

System action

The current dialog fails.

User response

Contact IBM Software Support.

Message Type

VIEW

KLVPM002	eeeeeeeeeeeeee FUNCTION(PSMATTR): cccccccccccccc
-----------------	---

Explanation

The syntax error *eeeeeeeeeeeeee* has been encountered while parsing the PSM ATTR command *cccccccccccccc*.

System action

The command is ignored and processing continues.

User response

Correct the problem and re-enter the command.

Message Type

VIEW

KLVPM003	UNSUPPORTED PSM SERVICE: DIALOG(<i>dlg</i>) LU(<i>lu</i>) APPL(<i>appl</i>)
-----------------	--

Explanation

A dialog attempted to execute the PSM function and the service name could not be recognized. This may be caused, for example, by misspelling the service name or by a PSM function that is obsolete. All services of the PSM function have been replaced by discrete functions. For example, PSM ATTR has been replaced by the PSMATTR function. *dlg* is the name of the dialog in error and it was executing on behalf of the terminal user at *lu*. *appl* is the controlling application for *lu*.

System action

The current dialog fails.

User response

Replace the obsolete PSM function service in error with the corresponding discrete function.

Message Type

VIEW

KLVPM005	PSM BUFFER INTEGRITY ERROR
-----------------	-----------------------------------

Explanation

An internal error was detected by TMS:Engine.

System action

TMS:Engine forces an abend with completion code U0100. The abend is associated with a single TMS:Engine user, whose terminal will hang. System operation for other users will continue normally. TMS:Engine will automatically create a dump.

User response

A VCANCEL command may be necessary to reinstate the hung user. Contact IBM Software Support for help in resolving the error condition or in gathering the problem documentation that IBM requires to research the error condition.

Message Type

ABEND

KLVP010 **PSM MAXIMUM ERROR POPUP
COUNT IS xx [, WAS yy]**

Explanation

This message is displayed in response to the PSM command. With no operands the current setting for the maximum popup count is displayed. In response to the PSM ERPCOUNT=xx command both the original setting and the new setting are displayed.

System action

None.

User response

None.

Message Type

INFO

KLVP011 **TERMINAL *luname* LOGGED OFF -
ERPCOUNT EXCEEDED**

Explanation

A terminal, *luname*, has caused more simultaneous error recovery operations than the ERPCOUNT limit set by the PSM command. *luname* is logged off.

System action

None.

User response

None.

Message Type

INFO

KLVP012 **PSM PRIVATE EXTENSION NOT
INITIALIZED**

Explanation

The PSM command was issued and the PSM private extension was not available.

System action

The PSM command is not executed.

User response

Wait until TMS:Engine has completed initialization. Then reissue the command.

Message Type

INFO

KLVP013 **PSM ERP INFO BLOCK POINTER IS
ZERO**

Explanation

The PSM command was issued and the PSM ERP block was not available.

System action

The PSM command is not executed.

User response

Wait until TMS:Engine has completed initialization. Then reissue the command.

Message Type

INFO

KLVP021 **INPUT PROCESSING
EXCEPTION: RC=*rc*,*lu_name*,
modname,*attention_code*,*fdbk*,
error_data,*datastream***

Explanation

An input message from the physical terminal has caused an exception condition in PSM where:

- *rc*: Identifies the reason for the error. See the following reason code analysis table for more information.
- *lu_name*: Physical terminal LU name.

- *modname*: Module identifier.
- *attention_code*: Pending AID.
- *fdbk*: Feedback information internal to TMS:Engine.
- *error_data*: Two bytes of error data. See the following reason code analysis table for a description of the valid data.
- *datastream*: Up to first ten bytes of the input message causing the exception.

The following table lists possible reason codes for the input exception with associated system action codes and user response codes. After locating the reason code, refer to the appropriate system action and user response following this table:

Table 4. Description of reason codes for KLVPM021

Reason Code	Description	System Action	User Response
0601	Internal Exception Condition	1	1
0602	Internal Exception Condition	1	1
0603	Internal Exception Condition	1	1
0604	Internal Exception Condition	1	1
0605	Internal Exception Condition	1	1
0606	Internal Exception Condition	2	1
0607	Internal Exception Condition	2	1
0608	Internal Exception Condition	2	1
0609	Internal Exception Condition	1	1
060A	Internal Exception Condition	1	1

Table 4. Description of reason codes for KLVPM021 (continued)

Reason Code	Description	System Action	User Response
060B	Internal Exception Condition	1	1
060C	Internal Exception Condition	1	1
060D	Internal Exception Condition	1	1
060E	Internal Exception Condition	1	1
0901	Internal Exception Condition	1	1
0902	Internal Exception Condition	1	1
0903	Internal Exception Condition	1	1
0904	Internal Exception Condition	1	1
0905	Unsupported AID received (error_data = unsupported aid)	1	2
0906	Invalid CLEAR/CLEAR partition	1	2
0907	Internal Exception Condition	1	1
0908	Internal Exception Condition	1	1
0909	Internal Exception Condition	1	1
090A	Invalid buffer address (error_data = buffer address)	1	2

Table 4. Description of reason codes for KLVP021
(continued)

Reason Code	Description	System Action	User Response
090B	Invalid codepoint detected (error_data = codepoint)	1	2
090C	Invalid value in Set Attribute (error_data = Set Attribute type/value pair)	1	2
090D	Unexpected end of output (error_data = last 1 or 2 bytes)	1	2
090E	Internal Exception Condition	2	1
090F	Internal Exception Condition	2	1
0910	Internal Exception Condition	2	1
0911	Internal Exception Condition	2	1
0912	Internal Exception Condition	2	1
0913	Unexpected formatted input (error_data = buffer address)	2	2
0914	Input data from unknown field (error_data = buffer address)	2	2
0915	Attention key received during pre-popup read.	2	2
0916	Read modified already satisfied.	2	2

System action

One of the following:

- Action 1. Error recovery displays the TERMINAL INPUT ERROR message on the terminal. The input message is rejected with an appropriate sense code and normal processing resumes.
- Action 2. Error recovery ignores the input message and normal processing resumes.

User response

One of the following:

- If the TERMINAL INPUT ERROR message displays, press **ENTER** to remove the message and continue normal operation. If the problem persists, the system administrator should obtain a VSSTRACE of the failure and a copy of any related error messages and contact IBM Software Support.
- If the TERMINAL INPUT ERROR message displays, press **ENTER** to remove the message and continue normal operation. If the problem persists, the system administrator should analyze the failure and contact the appropriate hardware or software vendor.

Message Type

INFO

**KLVP051 KLVINPSM RKANPAR
 PARAMETERS:**

Explanation

Module KLVINPSM logs its start-up parameters as they are read from RKANPAR. This is the header message and will be followed by message KLVP052.

System action

None.

User response

None.

Message Type

LOG

KLVP052 *parameters*

Explanation

As the parameters in module KLVINPSM are read, a log audit trail is created.

System action

None.

User response

None.

Message Type

LOG

KLVP101 **QUERY REPLY DATA IS NOT VALID FOR LU(lu)**

Explanation

Query reply data received from the named lu, in response to a 3270 Read Partition Query command, could not be correctly interpreted.

System action

The session with the named lu continues normally. The TMS:Engine Presentation Space Manager will not allow certain 3270 extended data stream orders (for example color, highlighting) to be used with the named lu.

User response

Contact IBM Software Support.

Message Type

LOG

KLVP000 **eeeeeeeeeeeeee,
FUNCTION(PRODUCT):
cccccccccccccc**

Explanation

The syntax error *eeeeeeeeeeeeee* has been encountered while parsing the PSM command *cccccccccccccc*.

System action

The current dialog fails.

User response

Correct the dialog.

Message Type

VIEW

KLVPT001 **PRINT FAILED FOR user TO printer,
SENSE=xxxxxxx**

Explanation

A VSSPRINT or PSMPRINT request from user to printer *printer* failed. For a VSSPRINT, user represents an actual userid ID. For a PSMPRINT, user represents a physical terminal ID. The sense code from the failing send request is *xxxxxxx*.

System action

The print request terminates.

User response

Using the sense information, try to determine the problem with the printer and retry.

Message Type

INFO

KLVRE001 **GCSDISKS REFRESHED**

Explanation

The REFRESH GCSDISKS command was successful.

System action

None.

User response

None.

Message Type

REPLY

KLVRE002 **INVALID REFRESH TYPE: type**

Explanation

The type specified in the REFRESH command is invalid.

System action

The command fails.

User response

Correct the type parameter and reissue the command.

Message Type

ERROR

KLVRE003 **DIALOG *dlgname* REFRESHED
(*tracetype*) LANGUAGE(*language*)**

Explanation

The dialog *dlgname*, specified in the REFRESH command, was successfully refreshed. *tracetype* indicates whether (TRACE) or not (NOTRACE) the dialog is traceable. *language* is the language code.

System action

None.

User response

None.

Message Type

REPLY

KLVRE004 **UNABLE TO REFRESH DIALOG
dlgname LANGUAGE(*language*)**

Explanation

An error occurred while trying to refresh the DIALOG *dlgname* specified in the REFRESH command. *language* is the language code used during the refresh attempt.

System action

The command fails. Any previously compiled copy of *dlgname* remains available.

User response

This message is accompanied by KLVDM*nnn* messages that indicate why the panel could not be refreshed.

Message Type

ERROR

KLVRE005 **BLDL FAILED FOR *modname***

Explanation

A BLDL failed during a refresh operation for module *modname* specified in the REFRESH MODULE command.

System action

The command fails.

User response

This message is accompanied by message KLVC003, which indicates why the BLDL failed.

Message Type

ERROR

KLVRE006 **BLDL COMPLETE:
MODULE(*modname*) SIZE: *size*
ENTRY: *entry***

Explanation

The REFRESH MODULE command completed successfully for *modname*. *size* is the decimal size of the module in bytes. *entry* is the hexadecimal entry point address.

System action

None.

User response

None.

Message Type

REPLY

KLVRE007 **PARAMETER *pppppppp* INVALID**

Explanation

The trace status specified on a REFRESH command is not **TRACE** or **NOTRACE**.

System action

The command is ignored and processing continues.

User response

Re-enter the command and specify either **TRACE** or **NOTRACE**.

Message Type

ERROR

KLVRE008 **MISSING OR INVALID
DSNAME(*dsname*)**

Explanation

An invalid data set name, *dsname*, was coded on a REFRESH SENSE command.

System action

The sense code table is not refreshed. The previous global sense table remains in effect.

User response

Reissue the REFRESH SENSE command with a valid data set name.

Message Type

ERROR

KLVRE009	SENSE CODE TABLE REFRESH FROM "<i>dsname(member)</i>" <i>resulttext</i>
-----------------	--

Explanation

A REFRESH SENSE command has completed. *dsname* is the data set name and *member* is the member name that contain the table definitions. *resulttext* displays the success or failure of the command:

- **COMPLETED SUCCESSFULLY:** The global sense table has been updated.
- **UNSUCCESSFUL, MEMBER NOT FOUND:** Member is not in *dsname*.
- **UNSUCCESSFUL, ALLOCATE FAILED FOR DSN:** *dsname* could not be allocated.
- **UNSUCCESSFUL, OPEN ERROR:** A z/OS OPEN for *dsname* failed.
- **UNSUCCESSFUL, SYNTAX ERROR ENCOUNTERED:** Member contains an invalid sense code definition.

System action

If the command was successful, the global sense table has been updated. Otherwise, the command terminates and the previous sense table remains in effect.

User response

Depends on *resulttext*.

- **COMPLETED SUCCESSFULLY:** None.
- **UNSUCCESSFUL, MEMBER NOT FOUND:** Reissue the command with the correct member and data set names.
- **UNSUCCESSFUL, ALLOCATE FAILED FOR DSN:** Review RKLVLLOG for message KLVDA002 followed

by message IJK56228I from SVC99. Reissue the command with a valid, cataloged data set name.

- **UNSUCCESSFUL, OPEN ERROR:** Review the JES log for IBM data management messages (IEC). Ensure that data set is a partitioned data set.
- **UNSUCCESSFUL, SYNTAX ERROR ENCOUNTERED:** Review RKLVLLOG for KLVSC*nnn* and KLVSE*nnn* error messages. Correct the errors in member. Then reissue the command.

Message Type

REPLY for success; ERROR otherwise

KLVRM004	LOGICAL RESOURCE EXIT STACK INTEGRITY ERROR
-----------------	--

Explanation

The TMS:Engine Resource Manager detected inconsistent data while processing a logical resource purge or cleanup request, usually because of a storage overlay.

System action

The request is terminated with a U0100 abend, sending a dump to the RKLVSAP file or the system dump data sets or both. The resource involved is left in an indeterminate state.

User response

Recycle the TMS:Engine address space as soon as possible. Keep the TMS:Engine run sheets, dump files, this message, and the z/OS system log. Then contact IBM Software Support.

Message Type

ABEND

KLVR5001	INVALID \$RSS REQUEST
-----------------	------------------------------

Explanation

KLV\$RSS detected an invalid function code in its input parameter list.

System action

The thread is terminated.

User response

Contact IBM Software Support. Keep dump, RKLVLLOG, SYSLOG, and runsheets.

Message Type

ABEND

KLVRS002 INVALID RSS RELEASE REQUEST

Explanation

An RSS release request was made for a lock that was not held.

System action

The thread is terminated.

User response

Contact IBM Software Support. Keep dump, RKLVLLOG, SYSLOG, and runsheets.

Message Type

ABEND

KLVRT001 PARAMETER ERROR

Explanation

TMS:Engine detected an invalid RTM event code.

System action

A call to RTM fails. TMS:Engine creates a DUMP and continues processing.

User response

Contact IBM Software Support with the contents of the DUMP.

Message Type

ABEND

**KLVRT010 RTM NPM INTERFACE *event IS*
UNRECOGNIZED**

Explanation

The NPM interface module does not recognize the session manager event code passed. Event code is a 2 hexadecimal digit field.

System action

The NSI vector containing the session manager event is not processed.

User response

Contact IBM Software Support.

Message Type

INFO

**KLVRT011 NPM MODULE FNMNSI REQUIRES
APF AUTHORIZATION**

Explanation

RTM support for NPM has been selected, but the TMS:Engine job step is not authorized.

System action

The RTM command is not processed and the RTM interface state remains inactive.

User response

Authorize the job step. Make sure all libraries concatenated to RKANMODL are APF authorized.

Message Type

ALERT

**KLVRT012 UNABLE TO LOAD NPM MODULE
FNMNSI**

Explanation

TMS:Engine was unable to load the IBM-supplied module FNMNSI because the NPM load library is not in the RKANMODL library concatenation or in LINKLIST.

System action

The RTM command is not processed and the RTM interface state remains inactive.

User response

Make FNMNSI accessible to TMS:Engine by doing one of the following:

- Copy module FNMNSI to one of the RKANMODL libraries and issue the RTM ON command.
- Concatenate the NPM load library to RKANMODL, restart TMS:Engine, and issue the RTM ON command.

Message Type

ALERT

KLVRT013 \$STG ERROR

Explanation

TMS:Engine was unable to allocate storage for the NPM/NSI NMVT request units.

System action

A call to NSI fails, TMS:Engine creates a DUMP and continues processing.

User response

Contact IBM Software Support with the contents of the DUMP.

Message Type

ABEND

KLVRT014 PARAMETER ERROR

Explanation

A call to NSI failed because of an invalid internal parameter.

System action

A call to NSI fails, TMS:Engine creates a DUMP and continues processing.

User response

Contact IBM Software Support with the contents of the DUMP.

Message Type

ABEND

**KLVRT020 RTM NPM SEND REQUEST FAILED:
LU=*lu-name* APPL=*applname*
EVENT=X'*xx*'**

Explanation

A non-zero return code was returned from the IBM-supplied interface module FNMNSI because of a request error or an exceptional condition where:

- *lu-name* is the physical terminal name.
- *applname* is the application name if applicable.

System action

Processing associated with the request is terminated.

User response

A list of return codes and reason codes can be found in *IBM Z NetView Messages and Codes*, which you can find at [IBM Z[®] NetView \(https://www.ibm.com/docs/en/z-netview\)](https://www.ibm.com/docs/en/z-netview). Contact IBM Software Support if you need further assistance.

Message Type

INFO

**KLVRT021 RTM NPM request FAILED: RC=*nn*
REASON=*nnn***

Explanation

A non-zero return code was returned from the IBM-supplied interface module FNMNSI because of a request error or an exceptional condition. This message is produced for CONNECT and DISCONNECT requests.

System action

Processing associated with the request is terminated.

User response

A list of return codes and reason codes can be found in *IBM Z NetView Messages and Codes*, which you can find at [IBM Z NetView \(https://www.ibm.com/docs/en/z-netview\)](https://www.ibm.com/docs/en/z-netview). Contact IBM Software Support if you need further assistance.

Message Type

ALERT

KLVRT022 RTM NPM VECTOR ERROR

Explanation

TMS:Engine detected an invalid internal NPM function call.

System action

A call to NSI fails, TMS:Engine creates a DUMP and continues processing.

User response

Contact IBM Software Support with the contents of the DUMP.

Message Type

ABEND

**KLVRT023 RTM NPM NSI ADDRESS SPACE
NOT RUNNING****Explanation**

The NPM NSI address space is not running. NPM has rejected a SEND, CONNECT, or DISCONNECT request by TMS:Engine with a return code of 20.

System action

The RTM interface in TMS:Engine is terminated if active. If the rejected request is CONNECT, TMS:Engine sets a timer and retries the request every 60 seconds.

User response

Start the NSI address space and reissue the RTM ON command.

Message Type

ALERT

KLVRT030 \$STG ERROR**Explanation**

TMS:Engine was unable to allocate storage for the ETE or NetSpy mapping message.

System action

TMS:Engine creates a DUMP and continues processing.

User response

Contact IBM Software Support with the contents of the DUMP.

Message Type

ABEND

KLVRT031 PARAMETER ERROR**Explanation**

TMS:Engine was unable to process the mapping message for ETE or NetSpy interface because of an internal invalid parameter.

System action

TMS:Engine creates a DUMP and continues processing.

User response

Contact IBM Software Support with the contents of the DUMP.

Message Type

ABEND

**KLVSC001 KEYWORD NOT FOUND: *keyword
environmental_information*****Explanation**

TMS:Engine was parsing a line and encountered a keyword that was not defined. This is one message in a class of syntax error messages.

System action

The action being performed terminates.

User response

The environmental portion of the message indicates where the syntax error was detected. Use this information to correct the error.

Message Type

ERROR, ALERT, WARNING

**KLVSC002 REQUIRED OPERAND OMITTED:
*field environmental_information*****Explanation**

TMS:Engine was parsing a line and encountered a required operand that was omitted. This is one message in a class of syntax error messages.

System action

The action being performed terminates.

User response

The environmental portion of the message indicates where the syntax error was detected. Use this information to correct the error.

Message Type

ERROR, ALERT, WARNING

**KLVSC003 OPERAND TOO SHORT: *operand
environmental_information***

Explanation

TMS:Engine was parsing a line and encountered a keyword or positional operand that was too short. This is one message in a class of syntax error messages.

System action

The action being performed terminates.

User response

The environmental portion of the message indicates where the syntax error was detected. Use this information to correct the error.

Message Type

ERROR, ALERT, WARNING

KLVS004	OPERAND TOO LONG: <i>environmental_information operand</i>
----------------	--

Explanation

TMS:Engine was parsing a line and encountered a keyword or positional operand that was too long. This is one message in a class of syntax error messages.

System action

The action being performed terminates.

User response

The environmental portion of the message indicates where the syntax error was detected. Use this information to correct the error.

Message Type

ERROR, ALERT, WARNING

KLVS005	INVALID NUMERIC OPERAND: operand <i>environmental_information</i>
----------------	---

Explanation

TMS:Engine was parsing a line and encountered a keyword or positional operand that must be numeric, but is not. This is one message in a class of syntax error messages.

System action

The action being performed terminates.

User response

The environmental portion of the message indicates where the syntax error was detected. Use this information to correct the error.

Message Type

ERROR, ALERT, WARNING

KLVS006	INVALID QUOTED STRING: <i>string environmental_information</i>
----------------	---

Explanation

TMS:Engine was parsing a line and encountered a string that did not adhere to quoting rules, probably due to a mismatch of quotes. This is one message in a class of syntax error messages.

System action

The action being performed terminates.

User response

The environmental portion of the message indicates where the syntax error was detected. Use this information to correct the error.

Message Type

ERROR, ALERT, WARNING

KLVS007	INVALID DELIMITER USAGE: <i>string environmental_information</i>
----------------	--

Explanation

TMS:Engine was parsing a line and encountered an invalid use of delimiters. This is caused by either a mismatch of delimiters or improper delimiters. Valid delimiters are:

- **<blank>**: Blank separates parameters.
- **,**: Comma separates parameters.
- **=**: Equal separates keyword from keyword value.
- **(**: Open parens separates keyword from keyword value.
- **'x'**: Parameters within single quotes contain text with embedded delimiters.
- **-**: Dash indicates continuation.
- **+**: Plus continues as is.
- **)**: Close parens delimits the end of a keyword value.

A common cause of this error is data added to a keyword that is defined as a keyword without

data. This is one message in a class of syntax error messages.

System action

The action being performed terminates.

User response

The environmental portion of the message indicates where the syntax error was detected. Use this information to correct the error.

Message Type

ERROR, ALERT, WARNING

KLVS008	AMBIGUOUS KEYWORD REFERENCE: keyword environmental_information
----------------	---

Explanation

TMS:Engine was parsing a line and encountered a keyword that was ambiguous, probably because not enough characters were included to uniquely define the keyword. This is one message in a class of syntax error messages.

System action

The action being performed terminates.

User response

The environmental portion of the message indicates where the syntax error was detected. Use this information to correct the error.

Message Type

ERROR, ALERT, WARNING

KLVS009	INVALID TIME SPECIFICATION
----------------	-----------------------------------

Explanation

A scan failed because time was specified incorrectly.

System action

The command fails.

User response

Correct the time parameter and try again.

Message Type

ERROR

KLVS010	\$GSA TABLE ID IS INVALID
----------------	----------------------------------

Explanation

While processing a STORCHK command, the \$GSA table failed a validity check.

System action

The command is ignored and processing continues.

User response

Contact IBM Software Support.

Message Type

ERROR

KLVS011	STORAGE OVERLAY - BAD SRT PTR. R9=BLK
----------------	--

Explanation

During STORCHK command processing, a bad SRT pointer was discovered.

System action

The system is abnormally terminated.

User response

Contact IBM Software Support.

Message Type

ERROR

KLVS012	STORAGE OVERLAY - BAD BLOCK ID. R9=BLK
----------------	---

Explanation

During STORCHK command processing, a bad storage block ID was discovered.

System action

The system is abnormally terminated.

User response

Contact IBM Software Support.

Message Type

ERROR

KLVS013 STORAGE OVERLAY - BAD FREE CHAIN PTR. R9=BLK

Explanation

During STORCHK command processing, a bad pointer was discovered in the free chain.

System action

The system is abnormally terminated.

User response

Contact IBM Software Support.

Message Type

ERROR

KLVS015 STORAGE OVERLAY - BAD TRAILER. R9=BLK

Explanation

During STORCHK processing, a storage block was discovered which did not have a correct trailing string.

System action

The system is abnormally terminated.

User response

Contact IBM Software Support.

Message Type

ERROR

KLVS017 STORAGE OVERLAY - FREE STORAGE NOT FF. R9=BLK

Explanation

During STORCHK command processing, a block of free storage was found to contain something other than X'FF'.

System action

The system is abnormally terminated.

User response

Contact IBM Software Support.

Message Type

ERROR

KLVS021 GMEM STORAGE CHECK CANNOT RUN WITH OVERLAY TOOL

Explanation

An attempt was made to run STORCHK concurrently with the overlay detection tool. The tools may not run concurrently.

System action

The STORCHK command is ignored.

User response

If you want to run STORCHK, stop the overlay detection tool.

Message Type

ERROR

KLVS022 GMEM STORAGE CHECK IS STARTING...

Explanation

Processing of a STORCHK command is starting.

System action

Processing continues.

User response

None.

Message Type

INFO

KLVS023 GMEM STORAGE CHECK IS COMPLETE. NO ERRORS WERE FOUND.

Explanation

Processing of a STORCHK command has completed.

System action

Processing continues.

User response

None.

Message Type

INFO

**KLVSD001 PRIMARY MAIN STORAGE
INFORMATION:**

Explanation

The STORAGE command was issued and this message identifies the start of information about TMS:Engine primary storage use. If DETAIL was specified, message KLVSD003 follows this; otherwise KLVSD005 follows.

System action

None.

User response

None.

Message Type

REPLY

**KLVSD002 EXTENDED MAIN STORAGE
INFORMATION:**

Explanation

The STORAGE command was issued and this message identifies the start of information about TMS:Engine extended storage use. If DETAIL was specified, message KLVSD003 follows this; otherwise KLVSD005 follows. This message follows KLVSD008.

System action

None.

User response

None.

Message Type

REPLY

KLVSD003 ALLOCATION DETAIL:

Explanation

This message is a header message and identifies the start of detailed information about TMS:Engine storage use. It is a conditional extension of KLVSD001 and KLVSD002.

System action

None.

User response

None.

Message Type

REPLY

**KLVSD004 SIZE(*range*) USE(*usecnt*)
TOTAL(*totcnt*) ACCESSED(*accnt*)**

Explanation

This message displays information about a storage pool. It follows KLVSD003.

- *range*: Specifies a range (m-n, in bytes) of the sizes of data blocks in this storage pool. For example, a range of 116 indicates that this pool contains all blocks that are from 116 bytes long.
- *usecnt* Specifies the number of blocks in use in the pool.
- *totcnt* Specifies the total number of blocks in the pool.
- *accnt* Specifies the number of times a request was made against the pool.

System action

None.

User response

None.

Message Type

REPLY

**KLVSD005 LIMIT(*stolim*) SLOPE(*sl*)
SIZES(*range*) TOTAL(*tot*)**

Explanation

This message appears in response to the TMS:Engine STORAGE operator command and displays storage parameters about primary or extended. It follows KLVSD001 and KLVSD002, or KLVSD004 if DETAIL was requested.

- *stolim*: Specifies (in bytes) the size of the largest block that can be allocated.
- *sl*: An internal parameter.
- *range*: Specifies the number of storage areas.

- *tot*: Specifies (in kilobytes) the total amount of storage available to end-user applications and TMS:Engine functions. Storage not included in this total is storage obtained during TMS:Engine initialization for the following:

- Resident load modules
- Internal trace table
- Logical Resource Table
- Log buffers

This storage is excluded from the *tot* field of the display because once allocated it remains allocated for the life of the address space.

System action

None.

User response

None.

Message Type

REPLY

KLVSD006 **FREE(*free*) CARVED(*carved*)
OVERHEAD(*overhead*)**

Explanation

This message appears in response to the TMS:Engine STORAGE operator command and specifies additional information about primary and extended storage. It follows KLVSD005.

- *free*: Specifies (in kilobytes) the amount of storage available.
- *carved*: Specifies (in kilobytes) the amount of storage allocated for use in fulfilling storage requests.
- *overhead*: Specifies (in bytes) the amount of storage used for storage control.

System action

None.

User response

None.

Message Type

REPLY

KLVSD007 ***pp*% IS IN USE; *tt*% ALLOWED [-
THRESHOLD EXCEEDED]**

Explanation

This message displays the amount of storage in use for primary or extended storage. It follows KLVSD006.

- *pp*: Indicates the amount of storage currently in use.
- *tt*: Indicates the defined quiesce threshold level for free storage. This will not appear in the message if the threshold is defined as 0%.

THRESHOLD EXCEEDED will appear when the threshold value has been met (for instance, in quiesce mode for free storage).

System action

TMS:Engine will inhibit the initiation of new work (sessions, dialogs, and so on). Work that is already active will continue to run. When the storage in use drops below the threshold, normal processing returns.

User response

If THRESHOLD EXCEEDED persists, contact your systems administrator who should review the TMS:Engine storage use in order to determine what actions should take place.

Message Type

REPLY

KLVSD008 ***pp*% HAS BEEN CARVED;
tt% ALLOWED [- THRESHOLD
EXCEEDED]**

Explanation

This message displays the amount of storage carved in primary or extended storage. It follows KLVSD007.

- *pp*: Indicates the amount of storage currently carved.
- *tt*: Indicates the defined quiesce threshold level for carved storage. This will not appear in the message if the threshold is defined as 0%.

THRESHOLD EXCEEDED will appear when the threshold value has been met (for instance, in quiesce mode for carved storage).

System action

TMS:Engine will inhibit the initiation of new work (sessions, dialogs, etc.). Once the threshold has been reached, this inhibition remains until TMS:Engine is restarted.

User response

When THRESHOLD EXCEEDED is displayed, perform an orderly shutdown of TMS:Engine. Then contact your systems administrator, who should review the TMS:Engine storage use in order to determine what actions should take place.

Message Type

REPLY

KLVS021	TMS(<i>num</i>) PREFIX(<i>px</i>) CUSHION(<i>cshn</i>)
----------------	---

Explanation

This message appears in response to the TMS:Engine STORAGE operator command and displays information about TMS:Engine temporary storage use.

- *num*: Specifies (in bytes) the amount of temporary storage allocated. TMS:Engine uses this storage, for example, to resolve a string expression. In general, this value should be zero.
- *px*: Specifies (in bytes) the length of the storage block prefix.
- *cshn*: Specifies (in bytes) the overhead for each storage block. This value is equal to the value of *px* plus the debug overhead, if any.

System action

None.

User response

None.

Message Type

REPLY

KLVS031	BUFFER POOL INFORMATION:
----------------	---------------------------------

Explanation

This message marks the beginning of the buffer pool information.

System action

None.

User response

None.

Message Type

REPLY

KLVS032	POOL BUFSIZE(<i>bufsize</i>) SEGSIZE(<i>segsz</i>) MASK(<i>mask</i>) SIDEQ(<i>n</i>)
----------------	---

Explanation

This message provides detailed information about a buffer pool. Currently, there are four buffer pools, one for each of the standard 3270 model sizes. The meaning of the individual fields are as follows:

- *bufsize*: The size of the individual buffers that are allocated from within a buffer segment. The standard sizes of the four buffer pools correspond to the 3270 model types as follows:
 - 1920 for Model2
 - 2560 for Model3
 - 3440 for Model4
 - 3564 for Model5
- *segsz*: The size of the buffer segments in the pool. The system automatically determines the segment size, with 65536 (64K) being the largest possible size and also the best size for buffer pool performance.
- *mask*: A bit mask that indicates the possible buffer allocations within the buffer segment.
- *sideq*: A list header to buffers that have been logically released but which are not yet available for reallocation,

System action

None.

User response

None.

Message Type

REPLY

KLVS033	BUFFERS INUSE(<i>inuse</i>) MAX(<i>max</i>) GETS(<i>gets</i>) FREES(<i>frees</i>)
----------------	--

Explanation

This message provides additional information about a buffer pool. It follows KLVS032.

- *inuse*: The number of buffers that are currently in use. This number is obtained from the simple

calculation of gets minus frees at the time the display is requested.

- *max*: The maximum number of buffers from this pool that were ever concurrently in use. This statistic is checked and updated, if necessary, every time a buffer is obtained.
- *gets*: The number of buffer allocation requests directed to this pool. This number is a simple running total of get requests throughout the life of the system.
- *frees*: The number of buffer deallocation requests directed to this pool. This number is a simple running total of free requests throughout the life of the system.

System action

None.

User response

None.

Message Type

REPLY

KLVSD034	SEGMENTS INUSE(<i>inuse</i>) MAX(<i>max</i>) GETS(<i>gets</i>) FREES(<i>frees</i>) Q(<i>q</i>) QMAX(<i>qmax</i>)
-----------------	---

Explanation

This message provides additional information about a buffer pool. It follows KLVSD033.

- *inuse*: The number of segments that are currently in use. This number is obtained from the simple calculation of gets minus frees at the time the display is requested.
- *max*: The maximum number of segments that were ever concurrently allocated to this pool. This statistic is checked and updated, if necessary, every time a segment is obtained.
- *gets*: The number of segment allocations performed for this pool. This number is a simple running total of get requests throughout the life of the system.
- *frees*: The number of segment deallocations performed for this pool. This number is a simple running total of free requests throughout the life of the system.
- *q*: The number of segments currently on the free queue of segments containing available buffers. This statistic is updated every time a segment is added to or removed from the free queue.

- *qmax*: The maximum number of segments that were ever concurrently on the free queue of segments containing available buffers. This statistic is checked and updated, if necessary, every time a segment is added to the free queue.

System action

None.

User response

None.

Message Type

REPLY

KLVSD039	END OF BUFFER POOL INFORMATION
-----------------	---

Explanation

This message marks the end of the buffer pool information.

System action

None.

User response

None.

Message Type

REPLY

KLVSD101	MAIN STORAGE SCAN STARTED
-----------------	----------------------------------

Explanation

The storage MAP command was issued and this message identifies the start of information about TMS:Engine storage use. Messages KLVSD102 thru KLVSD105, and KLVSD107 follow this.

System action

None.

User response

None.

Message Type

REPLY

KLVSD102 MAIN STORAGE SCAN ENDED

Explanation

This message marks the end of storage MAP information.

System action

None.

User response

None.

Message Type

REPLY

**KLVSD103 NAME(*blkid*) SIZE(*length*)
TOTAL(*count*)**

Explanation

This message displays information about the content of carved, allocated storage. Storage reported in this message is storage which has been allocated with a specific, printable control block ID. It follows KLVSD107.

- *blkid*: Specifies the control block ID for a data structure found in storage. For example, a *blkid* of **\$ACB** indicates that an Application Control Block was located in storage.
- *length*: Specifies the length in bytes of the *blkid*
- *count*: Specifies the total number of *blkid* of size length located in storage.

System action

None.

User response

None.

Message Type

REPLY

**KLVSD104 NAME(*....*) SIZE(*length*)
TOTAL(*count*)**

Explanation

This message displays information about the content of carved, allocated storage. Storage reported in this message is storage which has been allocated as a typed, self-defining data structure. These data

structures do not contain a printable control block ID. The **NAME** reported in this message is "....".

- *....* : Specifies that the data structure located in storage does not have a printable control block ID.
- *length* Specifies the length in bytes of the "self-defining" data structure.
- *count* Specifies the total number of "typed" structures of size length located in storage.

System action

None.

User response

None.

Message Type

REPLY

**KLVSD105 NAME(*FREE*) SIZE(*length*)
TOTAL(*count*)**

Explanation

This message displays information about the content of carved, free storage. Storage reported in this message is storage which has been carved and now resides on a free list. This storage is available for re-use..

- *FREE*: Specifies that the data structure located in storage is on the free list.
- *length*: Specifies the length in bytes of this free block.
- *count*: Specifies the total number of "FREE" blocks of size length located in storage.

System action

None.

User response

None.

Message Type

REPLY

**KLVSD106 INSUFFICIENT STORAGE TO
PROCESS COMMAND**

Explanation

Processing of the storage MAP command has terminated because there is insufficient storage in the extended private area.

System action

The storage MAP command is terminated.

User response

Reissue the command after ensuring that there is sufficient storage. If the problem persists, contact IBM Software Support.

Message Type

ERROR

KLVSD107	STORAGE MAP FOR <i>areadesc</i> STORAGE
-----------------	--

Explanation

This message displays the specific areas of storage to be mapped. The mapped area is determined from the operands specified on the storage MAP command.

- *areadesc*: Specifies the area of storage to be mapped. PRIMARY indicates only storage below the 16M line will be mapped. EXTENDED indicates only storage above the 16M line will be mapped. PRIMARY AND EXTENDED indicates all TMS:Engine storage will be mapped. PRIMARY AND EXTENDED is the default.

System action

None.

User response

None.

Message Type

REPLY

KLVSD108	STORAGE INTEGRITY ERROR. SCAN TERMINATED
-----------------	---

Explanation

Processing of the storage MAP command has terminated because of errors encountered in the storage management data structures.

System action

The command is terminated. TMS:Engine issues snap dumps of the environment for problem determination. TMS:Engine processing continues.

User response

Contact IBM Software Support. Keep the dump and RKLVLLOG.

Message Type

ERROR

KLVSE051	DEFAULT SENSE CODE TABLE DEFINED
-----------------	---

Explanation

The global sense code table has been constructed from the RKANPAR member KLVINSNS.

System action

None.

User response

None.

Message Type

INFO

KLVSE052	INVALID TYPE SPECIFIED: <i>type</i> STATEMENT# <i>nnn</i>
-----------------	--

Explanation

A sense code *type* other than LUSTAT or EXRESP was found in statement *nnn*.

System action

If this error is encountered during TMS:Engine initialization, only the default sense rules will be loaded. If this response was from a REFRESH SENSE command then the currently active global sense table is not refreshed.

User response

Correct the statement and reissue the REFRESH SENSE command.

Message Type

ERROR

KLVSE053 SENSE TABLE SIZE(*nnnn*)

Explanation

The sense code table has been built or refreshed and occupies *nnnn* bytes of storage.

System action

None.

User response

None.

Message Type

LOG

**KLVSE054 SYNTAX ERROR CONFLICTING
PARAMETERS FOR SENSE
ACTION SETTING '*statement*',
STATEMENT# *nnn***

Explanation

The sense code statement contains an unknown keyword.

System action

If this error is encountered during TMS:Engine initialization, only the default sense rules will be loaded. If this response was from a REFRESH SENSE command then the currently active global sense table is not refreshed.

User response

Correct the statement and reissue the REFRESH SENSE command.

Message Type

ERROR

**KLVSE055 USER SENSE CODE TABLE
DEFINED**

Explanation

The REFRESH SENSE command has successfully completed and the global sense table has been updated.

System action

None.

User response

None.

Message Type

INFO

**KLVSE056 TABLE CAPACITY OF 64K
LU NAMES EXCEEDED FOR
SENSE(*xxxxxxxx*)**

Explanation

The sense code listed had more than 64K names listed for FROMAPPL or FROMLU.

System action

If this error is encountered during TMS:Engine initialization, only the default sense rules will be loaded. If this response was from a REFRESH SENSE command then the currently active global sense table is not refreshed.

User response

Reduce the number of LU names for the sense code and reissue the REFRESH SENSE command.

Message Type

ERROR

**KLVSE057 INVALID HEX CHARACTERS IN
SENSE CODE FIELDS, '*statement*',
STATEMENT# *nnn***

Explanation

The sense code value in the statement indicated has characters other than 0-9 or A-F.

System action

If this error is encountered during TMS:Engine initialization, only the default sense rules will be loaded. If this response was from a REFRESH SENSE command then the currently active global sense table is not refreshed.

User response

Correct this sense code to contain valid hex characters and reissue the REFRESH SENSE command.

Message Type

ERROR

KLVSE058 **SENSE TABLE SIZE (nnnnnn),
EXCEEDS REQUEST LIMIT**

Explanation

The sense code table size is larger than the current storage request limit.

System action

If this error is encountered during TMS:Engine initialization, only the default sense rules will be loaded. If this response was from a REFRESH SENSE command then the currently active global sense table is not refreshed.

User response

If the table cannot be specified with wildcard names to decrease the storage needed to hold it, the limit value for extended storage must be increased.

Message Type

ERROR

KLVSE059 **SENSE TABLE TOO LARGE,
IGNORED**

Explanation

The sense code table exceeds 2G bytes and cannot be built.

System action

If this error is encountered during TMS:Engine initialization, only the default sense rules will be loaded. If this response was from a REFRESH SENSE command then the currently active global sense table is not refreshed.

User response

Contact IBM Software Support.

Message Type

ERROR

KLVSE060 **DUPLICATE LU ID FOR THIS
SENSE CODE, THE FIRST
IS RETAINED, 'statement',
STATEMENT# nnn**

Explanation

An LU ID was encountered that matches one already stored for this sense code.

System action

The processing actions specified on the first definition are retained.

User response

Remove the duplicate LU statement(s).

Message Type

WARN

KLVSE061 **EITHER FROMAPPL OR FROMLU
IS REQUIRED, 'statement',
STATEMENT# nnn**

Explanation

FROMAPPL or FROMLU must be coded.

System action

If this error is encountered during TMS:Engine initialization, only the default sense rules will be loaded. If this response was from a REFRESH SENSE command then the currently active global sense table is not refreshed.

User response

Add the required keyword and reissue the REFRESH SENSE command.

Message Type

ERROR

KLVSE062 **BOTH FROMAPPL AND FROMLU
ARE NOT ALLOWED, 'statement',
STATEMENT# nnn**

Explanation

FROMAPPL and FROMLU cannot be coded together.

System action

If this error is encountered during TMS:Engine initialization, only the default sense rules will be loaded. If this response was from a REFRESH SENSE command then the currently active global sense table is not refreshed.

User response

Remove either FROMLU or FROMAPPL and reissue the REFRESH SENSE command.

Message Type

ERROR

KLVSE063 **KLVINSNS RKANPAR
PARAMETERS:**

Explanation

Module KLVINSNS logs its start-up parameters as they are read from RKANPAR. This is the header message and will be followed by message KLVSE064.

System action

None.

User response

None.

Message Type

LOG

KLVSE064 *parameters*

Explanation

As the parameters in module KLVINSNS are read, a log audit trail is created.

System action

None.

User response

None.

Message Type

LOG

KLVSI000 *eeeeeeeeeeeeeeee: ppppppppp,
ddname(KLVINSTG)*

Explanation

A syntax error, *eeeeeeeeeeeeeeee*, was encountered while processing the *pppppppppp* parameter from the KLVINSTG member.

System action

Initialization is terminated.

User response

Edit the KLVINSTG member and correct the syntax error.

Message Type

WARNING

KLVSI001 **INVALID STORAGE CLASS
ccc ENCOUNTERED IN
RKANPAR(KLVINSTG)**

Explanation

TMS:Engine encountered an invalid storage class in the KLVINSTG member. *ccc* is the invalid class found. Storage class must be P or X.

System action

For problem determination, a dump is generated with a user abend code.

User response

Contact IBM Software Support.

KLVSI002 **INVALID STORAGE SIZE
sss ENCOUNTERED IN
RKANPAR(KLVINSTG)**

Explanation

TMS:Engine encountered an invalid storage size in the KLVINSTG member. *sss* is the invalid size found. Storage size must be a value from 1 to the maximum defined in the LIMIT start-up parameter.

System action

For problem determination, a dump is generated with a user abend code.

User response

Contact IBM Software Support.

Message Type

WARNING

KLVSI003 **INVALID STORAGE COUNT
nnn ENCOUNTERED IN
RKANPAR(KLVINSTG)**

Explanation

TMS:Engine encountered an invalid block count in the KLVINSTG member. *nnn* is the invalid count found. Storage count must be a positive number.

System action

For problem determination, a dump is generated with a user abend code.

User response

Contact IBM Software Support.

Message Type

WARNING

KLVSI004 *nnn* BLOCKS OF LENGTH *sss*
GENERATED IN *ccc* STORAGE

Explanation

nnn is the number of storage blocks generated, *sss* is the size of the blocks generated, and *ccc* is the storage class for the blocks generated.

System action

None.

User response

None.

Message Type

INFO

KLVSI005 STORAGE INITIALIZATION
COMPLETE

Explanation

The storage initialization is complete.

System action

None.

User response

None.

Message Type

INFO

KLVSI006 KLVINSTG RKANPAR
PARAMETERS:

Explanation

Module KLVINSTG logs its start-up parameters as they are read from RKANPAR. This is the header message and will be followed by message KLVSI007.

System action

None.

User response

None.

Message Type

LOG

KLVSI007 *parameters*

Explanation

As the parameters in module KLVINSTG are read, a log audit trail is created.

System action

None.

User response

None.

Message Type

LOG

KLVSI010 CONTROL BLOCK ERROR DURING
INITIALIZATION

Explanation

An internal processing error occurred during storage isolation processing.

System action

For problem determination, a dump is generated with a user abend code.

User response

Contact IBM Software Support.

Message Type

ABEND

KLVSI011 INVALID STORAGE CLASS

Explanation

An internal processing error occurred during storage isolation processing.

System action

For problem determination, a dump is generated with a user abend code.

User response

Contact IBM Software Support.

Message Type

ABEND

KLVSI020 CONTROL BLOCK ERROR DURING TERMINATION

Explanation

An internal processing error occurred during storage isolation processing.

System action

For problem determination, a dump is generated with a user abend code.

User response

Contact IBM Software Support.

Message Type

ABEND

KLVSI021 LOGIC ERROR DURING TERMINATE REQUEST

Explanation

An internal processing error occurred during storage isolation processing.

System action

For problem determination, a dump is generated with a user abend code.

User response

Contact IBM Software Support.

Message Type

ABEND

KLVSI022 INVALID STORAGE CLASS ON TERMINATE REQUEST

Explanation

An internal processing error occurred during storage isolation processing.

System action

For problem determination, a dump is generated with a user abend code.

User response

Contact IBM Software Support.

Message Type

ABEND

KLVSI030 CONTROL BLOCK ERROR DURING GET

Explanation

An internal processing error occurred during storage isolation processing.

System action

For problem determination, a dump is generated with a user abend code.

User response

Contact IBM Software Support.

Message Type

ABEND

KLVSI031 INVALID STORAGE CLASS DURING GET

Explanation

An internal processing error occurred during storage isolation processing.

System action

For problem determination, a dump is generated with a user abend code.

User response

Contact IBM Software Support.

Message Type

ABEND

KLVSIO32 ZERO LENGTH STORAGE REQUEST

Explanation

A storage block with a length of zero was requested.

System action

For problem determination, a dump is generated with a user abend code.

User response

Contact IBM Software Support.

Message Type

ABEND

**KLVSIO33 STORAGE REQUEST LIMIT
 EXCEEDED**

Explanation

A storage block with a length that exceeded the limit was requested.

System action

For problem determination, a dump is generated with a user abend code.

User response

Contact IBM Software Support.

Message Type

ABEND

**KLVSIO40 CONTROL BLOCK ERROR DURING
 FREE**

Explanation

An internal processing error occurred during storage isolation processing.

System action

For problem determination, a dump is generated with a user abend code.

User response

Contact IBM Software Support.

Message Type

ABEND

**KLVSIO41 ZERO ADDRESS ON FREE
 REQUEST**

Explanation

A request to free a storage block at address zero was encountered.

System action

For problem determination, a dump is generated with a user abend code.

User response

Contact IBM Software Support.

Message Type

ABEND

**KLVSIO42 INVALID STORAGE AREA ON FREE
 REQUEST**

Explanation

An internal processing error occurred during storage isolation processing.

System action

For problem determination, a dump is generated with a user abend code.

User response

Contact IBM Software Support.

Message Type

ABEND

KLVSIO43 STORAGE INTEGRITY ERROR

Explanation

An integrity error occurred during an attempt to free storage. A probable storage overlay has occurred.

System action

For problem determination, a dump is generated with a user abend code.

User response

Contact IBM Software Support.

Message Type

ABEND

KLVSI044 STORAGE OVERLAP DETECTED

Explanation

An internal processing error occurred during storage isolation processing.

System action

For problem determination, a dump is generated with a user abend code.

User response

Contact IBM Software Support.

Message Type

ABEND

KLVSI050 CONTROL BLOCK ERROR DURING USE/DROP

Explanation

An internal processing error occurred during storage isolation processing.

System action

For problem determination, a dump is generated with a user abend code.

User response

Contact IBM Software Support.

Message Type

ABEND

KLVSI051 LOGIC ERROR DURING USE/DROP

Explanation

An internal processing error occurred during storage isolation processing.

System action

For problem determination, a dump is generated with a user abend code.

User response

Contact IBM Software Support.

Message Type

ABEND

KLVSP001 \$SPS INVOCATION OR INTERNAL ERROR

Explanation

An TMS:Engine processing routine detected an invalid request.

System action

The request is terminated with a U0100 abend, sending a dump to the RKLVSnap file of the system's dump data sets or both.

User response

Keep the TMS:Engine run sheets, dump files, this message, and the z/OS system log. Then contact IBM Software Support.

Message Type

REPLY

KLVSP002 \$SPS STRING LENGTH INVALID

Explanation

An TMS:Engine processing routine detected an invalid parameter.

System action

The request is terminated with a U0100 abend, sending a dump to the RKLVSnap file the system's dump data sets or both.

User response

Keep the TMS:Engine run sheets, dump files, this message, and the z/OS system log. Then contact IBM Software Support.

Message Type

REPLY

KLVSQ000 **QUIESCE MODE *state* FOR *type***

Explanation

This message indicates either a change in one of the possible storage quiesce values or that a quiesce value is still active. This message will appear when a quiesce mode changes or when the STGMON interval forces the message to appear. Possible state values:

- IS IN EFFECT
- HAS BEEN ENTERED
- HAS BEEN RELEASED

Possible value types:

- FREE PRIMARY STORAGE
- CARVED PRIMARY STORAGE
- FREE EXTENDED STORAGE
- CARVED EXTENDED STORAGE

System action

None.

User response

If a quiesce mode condition persists, contact your systems administrator, who will contact your product administrator. The systems programmer should review the TMS:Engine storage use in order to determine what actions should take place.

Message Type

ALERT, WARNING

KLVSS001 **SUBSYSTEM *name* ALREADY ACTIVE**

Explanation

A name *name* that was already active was used to initialize the TMS:Engine subsystem interface.

System action

TMS:Engine terminates.

User response

Look in member KLVINSSI in RKANPAR and verify the subsystem name.

Message Type

ALERT

KLVSS002 **SUBSYSTEM *name* INITIALIZED: SSCVT(*addr*)**

Explanation

The TMS:Engine subsystem interface name with SSCVT address *addr* was successfully initialized.

System action

None.

User response

None.

Message Type

INFO

KLVSS003 **SUBSYSTEM *name* UNABLE TO LOAD KLVSSREQ**

Explanation

TMS:Engine was unable to initialize subsystem interface name. Module KLVSSREQ could not be loaded.

System action

TMS:Engine terminates.

User response

Look for messages in the KLVCMnnn format to determine a more specific reason the module could not be loaded.

Message Type

ALERT

KLVSS004 **SUBSYSTEM *name* DUPLICATED**

Explanation

TMS:Engine found a duplicate subsystem name *name*.

System action

TMS:Engine terminates.

User response

Look in member KLVINSSI in RKANPAR to locate the duplicate subsystem name.

Message Type

ALERT

KLVSS005 **SUBSYSTEM *name* SUCCESSFULLY
INSTALLED**

Explanation

The TMS:Engine subsystem interface name was successfully installed.

System action

None.

User response

None.

Message Type

INFO

KLVSS006 **KLVINSSI RKANPAR
PARAMETERS:**

Explanation

Module KLVINSSI logs its start-up parameters as they are read from RKANPAR. This is the header message and will be followed by message KLVSS006.

System action

None.

User response

None.

Message Type

LOG

KLVSS007 *parameters*

Explanation

As the parameters in module KLVINSSI are read, a log audit trail is created.

System action

None.

User response

None.

Message Type

LOG

KLVST001 **TMS/Engine INITIALIZATION
ERROR(S), ABEND U0012**

Explanation

One or more errors were detected during TMS:Engine start-up.

System action

TMS:Engine terminates with a U0012 abend. Other KLVSTnnn messages precede this one and identify the error(s).

User response

Examine the TMS:Engine and z/OS logs to determine the error(s) that were detected, take corrective action, and restart TMS:Engine.

Message Type

ALERT

KLVST002 **TSO OPTION INVALID FOR NON-
TSO ADDRESS SPACE**

Explanation

The start-up parameter TSO was specified as Y (for yes), but TMS:Engine is not executing in a TSO address space.

System action

TMS:Engine terminates.

User response

Correct the TSO parameter and retry.

Message Type

ALERT

KLVST003 **INVALID PARMLIST PARAMETER -
*text***

Explanation

A syntax error was detected by TMS:Engine in the parameter list specified by the PARM= keyword on the z/OS EXEC JCL statement. *text* is the text at or near the point where the error was found.

System action

TMS:Engine terminates with a U0012 abend.

User response

Correct the indicated area of text and restart TMS:Engine.

Message Type

ALERT

KLVST004	INVALID RKLVIN PARAMETER - <i>text</i>
-----------------	---

Explanation

A syntax error was detected by TMS:Engine in the RKLVIN start up parameters. *text* is the text at or near the point where the error was found.

System action

TMS:Engine terminates with a U0012 abend.

User response

Correct the indicated area of text and restart TMS:Engine.

Message Type

ALERT

KLVST005	MVS JOBSTEP AUTHORIZATION REQUIRED
-----------------	---

Explanation

The initialization parameter SWAP=N was specified, but the job step was not authorized.

System action

TMS:Engine terminates.

User response

If the SWAP=N parameter is to be used, the job step must be authorized.

Message Type

ALERT

KLVST006	MVS/XA EXECUTION ENVIRONMENT REQUIRED
-----------------	--

Explanation

AMODE31(YES) was specified as an initialization parameter but TMS:Engine is not running on an MVS/XA or MVS/ESA host.

System action

TMS:Engine terminates.

User response

None.

Message Type

ALERT

KLVST007	BLDVRP FAILED FOR VSAM LSR BUFFER POOL, RC=<i>rc</i>
-----------------	---

Explanation

A BLDVRP macro was issued to allocate a VSAM local shared resource buffer pool and ended with a non-zero return code, *rc*. The two most likely causes are:

1. Insufficient main storage to satisfy the request.
2. A previously issued BLDVRP was issued without a corresponding DLVRP in the TMS:Engine address space. This typically occurs when TMS:Engine is running in a TSO address space and has previously abended in the current TSO session.

System action

TMS:Engine terminates.

User response

Refer to the IBM VSAM or DFP manual that describes the BLDVRP macro for the meaning of *rc*. For the two most likely causes:

1. Adjust the main storage allocation parameters or LSRPOOL values or both and restart the TMS:Engine address space.
2. Start TMS:Engine in a fresh address space.

Message Type

ALERT

**KLVST008 PRIMARY MAIN STORAGE
UNAVAILABLE**

Explanation

A variable length GETMAIN could not be satisfied. The MINIMUM(nnn,P) start-up parameter regulates the minimum value that will satisfy the GETMAIN request. This refers to below the line storage.

System action

TMS:Engine terminates.

User response

Adjust the MINIMUM parameter and retry.

Message Type

ALERT

KLVST009 FREEMAIN TYPE=VC FAILED

Explanation

A FREEMAIN that was issued for a previously allocated block of main storage has failed.

System action

TMS:Engine terminates.

User response

Contact IBM Software Support.

Message Type

ALERT

**KLVST010 PRIMARY RESERVED MAIN
STORAGE UNAVAILABLE**

Explanation

Insufficient main storage exists to satisfy the requirements for the start-up parameter RESERVE(nnn,P). This message refers to below the line storage.

System action

TMS:Engine terminates.

User response

Adjust the storage allocation parameters, and retry.

Message Type

ALERT

**KLVST011 PRIMARY STORAGE NOT
REALLOCATED**

Explanation

A GETMAIN macro instruction failed.

System action

TMS:Engine terminates.

User response

Retry the start-up procedure.

Message Type

ALERT

**KLVST012 EXTENDED MAIN STORAGE
UNAVAILABLE**

Explanation

A variable length GETMAIN could not be satisfied. The MINIMUM(nnn,X) start-up parameter regulates the minimum value that will satisfy the GETMAIN request. This message refers to above the line storage.

System action

TMS:Engine terminates.

User response

Adjust the MINIMUM parameter, and retry.

Message Type

ALERT

**KLVST013 EXTENDED RESERVED MAIN
STORAGE UNAVAILABLE**

Explanation

Insufficient main storage exists to satisfy the requirements for the start-up parameter RESERVE(nnn,X). This message refers to above the line storage.

System action

TMS:Engine terminates.

User response

Adjust the storage allocation parameters, and retry.

Message Type

ALERT

KLVST014 INVALID TRACE SPECIFICATION

Explanation

The start-up parameter TRACE is invalid. Possible errors are:

- The value was less than 2.
- The value caused the trace table to use more than one half of the free storage area.

System action

TMS:Engine terminates.

User response

Contact IBM Software Support.

Message Type

ALERT

KLVST015 TRACE TABLE STORAGE UNAVAILABLE

Explanation

Insufficient main storage exists for the allocation of the TMS:Engine internal trace table.

System action

TMS:Engine terminates.

User response

Increase the MINIMUM parameter, and retry.

Message Type

ALERT

KLVST016 INVALID EVENT SPECIFICATION

Explanation

The start-up parameter EVENT was invalid. Some possible causes are:

- The value was less than 2.

- The value was greater than one fourth of the free storage area.

System action

TMS:Engine terminates.

User response

Contact IBM Software Support.

Message Type

ALERT

KLVST017 EVENT TABLE STORAGE UNAVAILABLE

Explanation

Insufficient main storage exists for the allocation of the TMS:Engine event hashing table.

System action

TMS:Engine terminates.

User response

Increase the MINIMUM parameter and retry.

Message Type

ALERT

KLVST018 UNABLE TO OPEN RKLVLG DATA SET

Explanation

An OPEN macro failed for ddname RKLVLG, probably because the DD is missing in the startup procedure KLV.

System action

TMS:Engine terminates.

User response

This message will be accompanied by z/OS messages indicating the reason the data set could not be opened.

Message Type

ALERT

**KLVST019 UNABLE TO OPEN RKLVSAP
DATA SET****Explanation**

An OPEN macro failed for ddname RKLVSAP, probably because the DD is missing in the startup procedure KLV.

System action

TMS:Engine terminates.

User response

This message will be accompanied by z/OS messages indicating the reason the data set could not be opened.

Message Type

ALERT

**KLVST020 LIMIT/GRANULE OPTION
SPECIFICATION ERROR****Explanation**

The value specified for LIMIT was not greater than the value specified for GRANULE.

System action

TMS:Engine terminates.

User response

If this error occurs while running CL/SUPERSESSON, correct LIMIT value and retry. If this error occurs while running any other IBM Tivoli product, contact IBM Software Support.

Message Type

ALERT

**KLVST021 LOG BUFFER STORAGE
UNAVAILABLE****Explanation**

This error can be caused by either of the following:

- The startup parameter MINIMUM is too small.
- The startup parameters LOGBLOCK and LOGBUFS are too large.

System action

TMS:Engine terminates.

User response

Adjust the appropriate start-up parameters and retry.

Message Type

ALERT

**KLVST022 RKLVLLOG DCB STORAGE
UNAVAILABLE****Explanation**

Insufficient main storage exists for the allocation of the RKLVLLOG.

System action

TMS:Engine terminates.

User response

Adjust the storage allocation parameters and retry.

Message Type

ALERT

**KLVST023 RKLVSAP DCB STORAGE
UNAVAILABLE****Explanation**

Insufficient main storage exists for the allocation of the RKLVSAP DCB.

System action

TMS:Engine terminates.

User response

Adjust the storage allocation parameters and retry.

Message Type

ALERT

**KLVST024 FREE STORAGE LIST
UNAVAILABLE****Explanation**

TMS:Engine was unable to allocate the free storage list because the MINIMUM parameter is too small.

System action

TMS:Engine terminates.

User response

Adjust the storage allocation parameters and retry.

Message Type

ALERT

KLVST025	UNABLE TO IDENTIFY SUBTASK ENTRYPOINT
-----------------	--

Explanation

The OS IDENTIFY macro issued to identify an entry point to initialize the TMS:Engine dispatcher did not complete successfully.

System action

TMS:Engine terminates.

User response

Contact IBM Software Support.

Message Type

ALERT

KLVST026	<i>modname concat [address] module info</i> TRANSIENT ALREADY RESIDENT RELOCATION ERROR BLDL ERROR [COMMAND=<i>cmd</i> RESIDENT]] [CLASS=<i>class</i>[,DEFERRED]]
-----------------	---

Explanation

During TMS:Engine start-up, this message displays the attributes and status of each module in the TMS:Engine load library. Fields of interest are the module name *modname*, the relative concatenation number *concat*, and the module information field *module info*. TRANSIENT refers to modules that are not loaded at this time. DEFERRED refers to modules that are not considered to be transient but will be loaded at a later time. Any errors detected are also displayed as ALREADY RESIDENT|RELOCATION ERROR|BLDL ERROR.

Note: In case you are parsing the messages based on columns, note that the message strings have changed

System action

None.

User response

None, unless error messages ALREADY RESIDENT|RELOCATION ERROR|BLDL ERROR are displayed. If the cause of the error cannot be attributed to a user modification, contact IBM Software Support.

Message Type

LOG

KLVST027	REQUIRED POINTER(S) NOT RESOLVED, <i>hex</i> IS THE OFFSET
-----------------	---

Explanation

One of the pointers required for TMS:Engine execution could not be resolved, probably due to a module that is missing from the TMS:Engine load library.

System action

TMS:Engine terminates.

User response

Cross reference all the modules in the execution library with the modules in the distribution library to determine if a module is missing. If the error cannot be attributed to an installation error, contact IBM Software Support with the hex value.

Message Type

ALERT

KLVST028	LOAD LIBRARY <i>concat volser</i> <i>dsname</i>
-----------------	--

Explanation

These messages are logged at start-up time to display the data set names and related information associated with the RKANMODL DD statement. Fields of interest are the concatenation number *concat*, the volser *volser* and the data set name *dsname*.

System action

None.

User response

None.

Message Type

LOG

**KLVST029 INVALID VALUE FOR SLOPE
PARAMETER**

Explanation

The SLOPE parameter specified on initialization parameter SLOPE is invalid.

System action

TMS:Engine terminates.

User response

Contact IBM Software Support.

Message Type

ALERT

**KLVST030 UNABLE TO DETERMINE CPU
IDENTIFICATION**

Explanation

TMS:Engine was unable to determine the CPU ID of the machine it is currently running on.

System action

TMS:Engine terminates.

User response

Contact IBM Software Support.

Message Type

ALERT

**KLVST032 PERCENTAGE IS INVALID IN
QUIESCE PARAMETER**

Explanation

A QUIESCE parameter in the file contains an invalid percentage. The percentage value must be in the range 0-100.

System action

The message is displayed and initialization fails.

User response

Correct the QUIESCE parameter in error and restart.

Message Type

ALERT

**KLVST033 STGMON INTERVAL IS INVALID IN
STGMON PARAMETER**

Explanation

The STGMON interval in the file contains an invalid time interval. The value should be in the range 0-120.

System action

The message is displayed and initialization fails.

User response

Correct the STGMON interval and restart.

Message Type

ALERT

**KLVST034 FREE/CARVED INDICATOR IS
INVALID IN QUIESCE PARAMETER**

Explanation

A QUIESCE parameter in the KLVSYSIN file contains an invalid storage type indicator. The value should be either **C** for carved storage or **F** for free storage.

System action

The message is displayed and initialization fails.

User response

Correct the QUIESCE parameter in error and restart.

Message Type

ALERT

**KLVST035 INSTALLING ADDITIONAL
ENTRYPOINT, |TRANSIENT
|ALREADY RESIDENT |
RELOCATION ERROR |BLDL ERROR
[COMMAND=cmd |RESIDENT]**

Explanation

An additional entry point for the module listed in message KLVST026, preceding this message, has been processed.

System action

None.

User response

Refer to KLVST026.

Message Type

LOG

KLVST036	AN ELEMENT OF COMPONENT CVT(<i>name</i>) IS <i>module</i>
-----------------	--

Explanation

The module *module*, just processed and identified by the preceding KLVST026 message, is part of a group of application modules.

System action

None.

User response

None.

Message Type

LOG

KLVST037	COMPONENT VECTOR TABLE INITIALIZED(<i>name</i>) BEGIN VECTORS DIFFER FROM PREVIOUS ELEMENTS GSA OFFSET DIFFERS FROM PREVIOUS ELEMENTS GSA VECTOR OFFSET USED -ERROR- MODULE ID(<i>name</i>)(<i>module</i>) VECTOR TABLE OFFSET ALREADY USED(<i>module</i>)(<i>entry</i>) REQUIRED POINTER MISSING FOR CVT(<i>name</i>), AT OFFSET=<i>hex</i>
-----------------	---

Explanation

A group of application modules has been successfully initialized (first message), or an error has been detected (remaining messages).

System action

For the first message, none. For the remaining messages, TMS:Engine continues processing modules, but will terminate later.

User response

For the first message, none. For the remaining messages, contact IBM Software Support.

Message Type

LOG

KLVST038	STEPLIB AUTHORIZATION REQUIRED
-----------------	---

Explanation

One or more products running in the TMS:Engine address space require the STEPLIB DD to be APF-authorized.

System action

TMS:Engine terminates with a U0012 abend.

User response

APF-authorize the data sets in the STEPLIB concatenation and restart TMS:Engine.

Message Type

ALERT

KLVST039	GCSDISKS STORAGE UNAVAILABLE
-----------------	---

Explanation

TMS:Engine initialization could not obtain storage for the GCSDISKS keyword.

System action

TMS:Engine terminates with a U0012 abend.

User response

Adjust the storage allocation parameters and restart TMS:Engine.

Message Type

ALERT

KLVST040	WARNING: NO STORAGE FOR SOME LSR HIPERSPACE POOLS
-----------------	--

Explanation

A BLDVRP macro was issued to allocate a VSAM local shared resource buffer pool in Hiperspace?, but there was not enough Hiperspace? storage (BLDVRP returned X'2C').

System action

TMS:Engine continues, using virtual storage for the buffer pool(s) that could not be allocated in Hiperspace.

User response

Refer to the *IBM z/OS DFSMS Macro Instructions for Data Sets* for the BLDVRP return code X'2C'.

Message Type

LOG

KLVST041	ERROR INITIALIZING SYSMDUMP DATA SET
-----------------	---

Explanation

An OPEN macro was issued to initialize the SYSMDUMP data set, which produced a non-zero return code. Refer to the accompanying IEC141I Fault Analyzer for z/OS message for details on the OPEN failure.

System action

TMS:Engine terminates with a U0012 abend.

User response

Refer to *MVS/ESA Planning: Problem Determination and Recovery* (GC28-1629) for details on pre-allocating SYSMDUMP data sets.

Message Type

ALERT

KLVST042	SPLEVEL NOT MATCHED, ASSUMING <i>assume</i>. SYSTEM SLEVEL DETECTED=<i>level</i>
-----------------	---

Explanation

TMS:Engine was unable to match the SP level of the current operating system (*level*) with an entry in its internal table of supported operating systems.

System action

TMS:Engine assumes the SP level is *assume*. Execution continues.

User response

Contact IBM Software Support with the contents of this message.

Message Type

LOG

KLVST043	UNABLE TO OPEN RKANPAR DATA SET
-----------------	--

Explanation

An OPEN macro was issued to initialize the RKANPAR data set, which produced a non-zero return code. Refer to the accompanying IEC141I message for details on the OPEN failure.

System action

TMS:Engine terminates with a U0012 abend.

User response

Correct the problem and restart TMS:Engine.

Message Type

ALERT

KLVST044	LOADLIST MEMBER NOT FOUND IN RKANPAR DATA SET (<i>membrname</i>)
-----------------	---

Explanation

A FIND macro issued to locate the named LOADLIST member in the RKANPAR data set produced a failing return code.

System action

TMS:Engine terminates with a U0012 abend.

User response

Specify a valid member name and restart TMS:Engine.

Message Type

ALERT

KLVST001	TABLE DATABASE INITIAL LOAD COMPLETE: DSNAME(<i>dsn</i>)
-----------------	---

Explanation

The table database has been successfully loaded from the indicated data set.

System action

Processing continues.

User response

None.

Message Type

INFO

KLVTB002 **TABLE DATABASE *dsname* INITIAL
LOAD *date time* ON *sysid* LAST
ACCESSED *date time* ON *date sysid***

Explanation

TMS:Engine table initialization has successfully opened the tables database (*dsname*). The date, time, and SMF system ID when the database was initially formatted by TMS:Engine, and the last date, time and SMF system ID when the database was last accessed by TMS:Engine are also reported.

System action

None.

User response

None.

Message Type

INFO

KLVTB003 **UNABLE TO ALLOCATE TABLE
CLUSTER: DSNAME(*dsname*)**

Explanation

TMS:Engine table initialization could not allocate the tables database (*dsname*).

System action

TMS:Engine initialization is terminated.

User response

Examine the z/OS console log or the TMS:Engine RKLVLLOG for KLVDAnnn messages, which will explain the allocation problem. Correct the error and restart TMS:Engine.

Message Type

ERROR

KLVTB004 ***keyword: 'errormessage'*
RKANPAR(KLVINTB)**

Explanation

The table initialization member (KLVINTB in RKANPAR) has an invalid keyword *keyword* in it.

System action

TMS:Engine initialization is terminated.

User response

Examine *errormessage* and member KLVINTB in RKANPAR for specific information about the error, and correct it.

Message Type

ERROR

KLVTB005 **UNABLE TO OPEN TABLE
CLUSTER: DSNAME(*dsname*)
DDNAME(*ddname*) R15(*r15*)
ACBERFLG(*erflg*)**

Explanation

TMS:Engine tables initialization was unable to open the tables database (*dsname*) allocated to *ddname*.

System action

TMS:Engine initialization is terminated.

User response

Refer to the *IBM z/OS DFSMS Macro Instructions for Data Sets* for the meaning of *r15* and *erflg* for OPEN errors. Correct the problem and restart TMS:Engine.

Message Type

ERROR

KLVTB006 **NO LSR POOL ALLOCATED**

Explanation

TMS:Engine tables initialization was unable to process the tables database because no VSAM LSR environment was established.

System action

TMS:Engine initialization is terminated.

User response

Examine the z/OS console log or the TMS:Engine RKLVLLOG for KLVVSnnn messages, which will explain

the VSAM problem. Correct the error and restart TMS:Engine.

Message Type

ERROR

**KLVTB007 UNABLE TO ACCESS TABLE
 CLUSTER**

Explanation

TMS:Engine tables initialization was unable to process the tables database because it could not establish a VSAM request against the cluster.

System action

TMS:Engine initialization is terminated.

User response

Keep the TMS:Engine run sheets and dump files, and the z/OS system log. Then contact IBM Software Support.

Message Type

ERROR

**KLVTB008 UNABLE TO READ TABLE
 DATABASE CONTROL RECORD**

Explanation

TMS:Engine tables initialization could not read information it needs to process the tables database.

System action

TMS:Engine initialization is terminated.

User response

Keep the TMS:Engine run sheets and dump files, and the z/OS system log. Then contact IBM Software Support.

Message Type

ERROR

**KLVTB009 UNABLE TO WRITE TABLE
 DATABASE CONTROL RECORD**

Explanation

TMS:Engine tables initialization could not update the tables database.

System action

TMS:Engine initialization is terminated.

User response

Keep the TMS:Engine run sheets and dump files, and the z/OS system log. Then contact IBM Software Support.

Message Type

ERROR

**KLVTB010 SHOWCB FIELDS =
 (ACBLEN,RPLLEN) ERROR:
 R15(r15) R0(r0)**

Explanation

TMS:Engine tables initialization could not format the tables database because the VSAM SHOWCB macro failed.

System action

TMS:Engine initialization is terminated.

User response

Keep the TMS:Engine run sheets and dump files, this message, and the z/OS system log. Then contact IBM Software Support.

Message Type

ERROR

**KLVTB011 UNABLE TO INITIALIZE TABLE
 CLUSTER DSNAME(dsname)
 R15(value) DCR(hex)**

Explanation

TMS:Engine tables initialization could not format the tables database because the VSAM OPEN macro failed.

System action

TMS:Engine initialization is terminated.

User response

Keep the TMS:Engine run sheets and dump files, this message, and the z/OS system log. Then contact IBM Software Support.

Message Type

ERROR

KLVTB012 **UNABLE TO LOAD TABLE CLUSTER:**
DSNAME(dsname) R15(value)
RPLERRCD(value) DCR(hex)

Explanation

TMS:Engine tables initialization could not format the tables database because the VSAM PUT macro failed.

System action

TMS:Engine initialization is terminated.

User response

Keep the TMS:Engine run sheets and dump files, this message, and the z/OS system log. Then contact IBM Software Support.

Message Type

ERROR

KLVTB013 **GENCB MACRO FAILURE**
R15(value) R0(value)

Explanation

TMS:Engine tables initialization could not format the tables database because the VSAM GENCB macro failed.

System action

TMS:Engine initialization is terminated.

User response

Keep the TMS:Engine run sheets and dump files, this message, and the z/OS system log. Then contact IBM Software Support.

Message Type

ERROR

KLVTB014 **INVALID KEY LENGTH IN TABLE**
DATABASE: SUPPLIED(actual)
EXPECTED(valid)

Explanation

The TMS:Engine tables database is incorrectly allocated. valid is the required VSAM cluster key length; actual is the key length found on the actual cluster.

System action

TMS:Engine initialization is terminated.

User response

Reallocate the tables database cluster with the proper key and control interval sizes. Then restart TMS:Engine.

Message Type

ERROR

KLVTB015 **INVALID RECORD**
LENGTH IN TABLE
DATABASE: SUPPLIED(actual)
EXPECTED(valid)

Explanation

The TMS:Engine tables database is incorrectly allocated. valid is the minimum VSAM cluster record length; actual is the record length found on the cluster.

System action

TMS:Engine initialization is terminated.

User response

Reallocate the tables database cluster with the proper key and control interval sizes. Then restart TMS:Engine.

Message Type

ERROR

KLVTB016 **NO TABLE DATABASE SPECIFIED**
- PERMANENT TABLES NOT
SUPPORTED

Explanation

The TMS:Engine initialization member (KLVINTB in RKANPAR) is either not present or is empty.

System action

TMS:Engine initialization continues, but no permanent table services are available. These include TBOPEN, TBSAVE, and TBLIST. Attempts to use these will result in return codes of 8, 12 or 20 or all three from the associated functions.

User response

If permanent table services are desired, allocate a tables database, create or update the KLVINTB member in RKANPAR. Then restart TMS:Engine.

Message Type

WARNING

KLVTB017 *keyword(value) IS OUT OF RANGE (min-max); DEFAULTS TO def*

Explanation

keyword in the KLVINTB member of RKANPAR was specified with a value that is too small (*min*) or too large (*max*).

System action

The default value, *def*, will be used. TMS:Engine initialization continues.

User response

Correct the keyword value. If the default value is unacceptable, recycle TMS:Engine.

Message Type

WARNING

KLVTB018 **MINIMUM/MAXIMUM TUBPOOL CONFLICT; MAXIMUM SET TO *val***

Explanation

The MINIMUMTUBPOOL value in the KLVINTB member of RKANPAR is not less than the MAXIMUMTUBPOOL value.

System action

The MINIMUMTUBPOOL value, plus 8, will be used (*val*). TMS:Engine initialization continues.

User response

Correct the MINIMUMTUBPOOL or MAXIMUMTUBPOOL value. If the default value is unacceptable, recycle TMS:Engine.

Message Type

WARNING

KLVTB019 *keyword(value) IS INVALID; DEFAULTS TO def*

Explanation

keyword in the KLVINTB member of RKANPAR was specified with a value that is not a valid choice.

System action

The default value, *def*, will be used. TMS:Engine initialization continues.

User response

Correct the keyword value. If the default value is unacceptable, recycle TMS:Engine.

Message Type

WARNING

KLVTB020 **TABLE ERASE FAILED, RC=*rc***

Explanation

An internal request to remove a permanent table from the tables database was not successful.

System action

The request terminates.

User response

Contact IBM Software Support.

Message Type

REPLY

KLVTB020_d **TABLE ERASED**

Explanation

An internal request to remove a permanent table from the tables database was successful.

System action

None.

User response

None.

Message Type

REPLY

KLVTB021 **TABLE CONVERTED: *table***

Explanation

The TDB CONVERT command has successfully converted table from Version 145 format to Version 146 format.

System action

None.

User response

None.

Message Type

REPLY

**KLVTB022 UNABLE TO ALLOCATE TABLE
CLUSTER: DSNAME(*dsname*)**

Explanation

The TDB CONVERT command could not allocate the Version 145 tables database.

System action

The TDB CONVERT command ends.

User response

Examine the z/OS console log or the TMS:Engine RKLVLLOG for KLVDAnnn messages, which will explain the allocation problem. Correct the error. Then reissue the TDB CONVERT command.

Message Type

WARNING

**KLVTB023 *keyword: errormessage'*
COMMAND(TDB)**

Explanation

The TDB command was issued with an invalid keyword *keyword*.

System action

The TDB command ends.

User response

Examine *errormessage* for specific information about the error and correct it.

Message Type

ERROR

**KLVTB024 UNABLE TO OPEN TABLE
CLUSTER: DSNAME(*dsname*)
DDNAME(*ddname*) R15(*r15*)
ACBERFLG(*erflg*)**

Explanation

The TDB CONVERT command could not open the Version 145 tables database (*dsname*) allocated to *ddname*.

System action

The TDB CONVERT command ends.

User response

Refer to the *IBM z/OS DFSMS Macro Instructions for Data Sets* for the meaning of r15 and erflg for OPEN errors. Correct the problem and reissue the TDB CONVERT command.

Message Type

ERROR

**KLVTB025 UNABLE TO INITIALIZE DIALOG
MANAGER**

Explanation

The TDB CONVERT command could not initialize the dialog services function of TMS:Engine for its processing.

System action

The TDB CONVERT command ends.

User response

Keep the TMS:Engine run sheets and dump files, as well as the z/OS system log. Then contact IBM Software Support.

Message Type

ERROR

**KLVTB026 UNABLE TO ACCESS TABLE
CLUSTER**

Explanation

The TDB CONVERT command could not OPEN the Version 145 tables database for processing.

System action

The TDB CONVERT command ends.

User response

Keep the TMS:Engine run sheets and dump files, as well as the z/OS system log. Then contact IBM Software Support.

Message Type

ERROR

KLVTB027	INVALID KEY LENGTH IN TABLE DATABASE: SUPPLIED(<i>actual</i>) EXPECTED(<i>valid</i>)
-----------------	---

Explanation

The Version 145 tables database specified on a TDB CONVERT command does not have the correct key length (*valid*).

System action

The TDB CONVERT command ends.

User response

Reissue the TDB CONVERT command with the correct Basic Table Services tables database VSAM cluster name.

Message Type

ERROR

KLVTB028	INVALID SUBCOMMAND: <i>keyword</i>
-----------------	---

Explanation

An invalid request (*keyword*) was made on the TDB command.

System action

The TDB command ends.

User response

Contact IBM Software Support.

Message Type

ERROR

KLVTB029	<i>action</i> TABLE REQUEST FAILED: RC(<i>rc</i>) TABLE(<i>table</i>)
-----------------	--

Explanation

The tables service function action against table failed with the indicated return code.

System action

The TDB CONVERT command ends.

User response

Some tables may have been successfully converted; refer to TMS:Engine RKLVLLOG for KLVTB021 messages. Keep the TMS:Engine run sheets and dump files, this message, and the z/OS system log. Then contact IBM Software Support.

Message Type

ERROR

KLVTB030	REQUEST FAILED - TABLE(<i>table</i>)
-----------------	---

Explanation

An internal tables request failed.

System action

The request terminates.

User response

Contact IBM Software Support.

Message Type

ERROR

KLVTB031	BLOCK ERROR: TABLE(<i>table</i>) SEQUENCE(<i>nnn</i>) RECORD(<i>hex</i>)
-----------------	---

Explanation

While processing a tables request, the TMS:Engine tables manager detected an invalid block in the tables database for *table*. *nnn* is the record sequence number for the table that contains the block. *hex* is the block that was in error, followed by the remainder of the VSAM record.

System action

The tables manager will attempt to load a previous copy of the table, if one exists (message KLVTB035), or will use the partially loaded table (message KLVTB034).

User response

None.

Message Type

LOG

KLVTB032 SORT ERROR: TABLE(*table*)

Explanation

While processing a tables request, the TMS:Engine tables manager detected invalid sort information in the tables database for *table*.

System action

The tables manager will attempt to load a previous copy of the table, if one exists (message KLVTB035), or will use the partially loaded table (message KLVTB034).

User response

None.

Message Type

LOG

**KLVTB033 ROW ERROR: TABLE(*table*)
READ(*mmm*) EXPECTED(*nnn*)**

Explanation

While processing a tables request, the TMS:Engine tables manager detected a structural error in the tables database for *table*. *mmm* is the number of rows successfully processed; *nnn* is the number of rows that were expected.

System action

The tables manager will attempt to load a previous copy of the table, if one exists (message KLVTB035), or will use the partially loaded table (message KLVTB034).

User response

None.

Message Type

LOG

**KLVTB034 RECOVERED [OLDER COPY] [WITH
DATA ERRORS]: TABLE(*table*)**

Explanation

While processing a tables request, the TMS:Engine tables manager detected an error in the tables database for *table*. If the recovery was performed by loading an older copy of the table, the phrase OLDER COPY appears. If not all of the data in the table could be recovered, the phrase WITH DATA ERRORS appears. Previous KLVTB0nn message(s) should be present that describe the original error.

System action

The request continues as if no error had occurred.

User response

None.

Notes

This error may occur when the table was not completely written to the database at some earlier point, or when a VSAM I/O error occurs while reading the table.

Message Type

LOG

**KLVTB035 RECOVERING OLDER COPY:
TABLE(*table*)**

Explanation

While processing a tables request, the TMS:Engine tables manager detected an error in the tables database for *table* and will attempt to recover using an earlier version of the table. Previous KLVTB0nn messages should be present that describe the original error.

System action

The invalid table is erased from the tables database to prevent any future errors, and the request is retried with the earlier version of the table.

User response

None.

Message Type

LOG

KLVTB036 RECOVERY FAILED: TABLE(*table*)

Explanation

While processing a tables request, the TMS:Engine tables manager detected an error in the tables database for table. If there was an older copy of the table on the database, the tables manager attempted to recover it, but that copy also had errors. These errors were severe enough that no usable information could be recovered. Previous KLVTB0nn messages should be present that describe the original error.

System action

The request is terminated with a nonzero return code. The invalid table remains on the database.

User response

Keep the TMS:Engine run sheets, dump files, this message, the z/OS system log, and a copy of your tables database. Then contact IBM Software Support. You must recreate the table and save it to the database after the diagnostic information is obtained.

Message Type

LOG

KLVTB037	WRITE ERROR: TABLE(<i>table</i>) RPLFDBWD(<i>feedback</i>) SEQUENCE(<i>nnn</i>) RECORD(<i>hex</i>)
-----------------	---

Explanation

The TMS:Engine tables manager received a VSAM error while updating the tables database for *table*. *feedback* is the RPL feedback word from the failing request. *nnn* is the record sequence number for the table that was being written. *hex* is the VSAM record contents.

System action

The request is terminated with a nonzero return code. The table remains open.

User response

Refer to the *IBM z/OS DFSMS Macro Instructions for Data Sets* manual for the meaning of the values in feedback. If the problem is not apparent, retain the TMS:Engine run sheets, dump files, this message, the z/OS system log, and a copy of your tables database. Then contact IBM Software Support.

Message Type

LOG

KLVTB038	SYNC ERROR: TABLE(<i>table</i>) EXPECTED(<i>edata</i>) ACTUAL(<i>adata</i>) SEQUENCE(<i>nnn</i>) RECORD(<i>hex</i>)
-----------------	--

Explanation

While processing a tables request, the TMS:Engine tables manager detected invalid synchronization information in the tables database for table. A VSAM record has been read that is not part of the table being loaded. *edata* is the expected sync value; *adata* is the actual data read. *nnn* is the record sequence number for the table that contains the block. *hex* is the block that was in error, followed by the remainder of the VSAM record.

System action

The tables manager will attempt to load a previous copy of the table, if one exists (message KLVTB035), or will use the partially loaded table (message KLVTB034).

User response

None.

Message Type

LOG

KLVTB039	ROW-END ERROR: TABLE(<i>table</i>) READ(<i>mmm</i>) EXPECTED(<i>nnn</i>)
-----------------	---

Explanation

While processing a tables request, the TMS:Engine tables manager detected invalid synchronization information in the tables database for table. An internal end-of-row marker is missing. *mmm* is the number of rows successfully processed; *nnn* is the number of rows that were expected.

System action

The tables manager will attempt to load a previous copy of the table, if one exists (message KLVTB035), or will use the partially loaded table (message KLVTB034).

User response

None.

Message Type

LOG

KLVTB040	KLVTBMGR LOGIC ERROR
-----------------	-----------------------------

Explanation

The TMS:Engine tables manager detected an invalid condition while performing a request.

System action

The request is terminated with a U0200 abend, sending a dump to the RKLVSnap file of the system's dump data sets or both.

User response

Keep the TMS:Engine run sheets, dump files, this message, and the z/OS system log. Then contact IBM Software Support.

Message Type

REPLY

KLVTB041	KLVTBMGR INVALID TABLE DELETE POINTER
-----------------	--

Explanation

The TMS:Engine tables manager detected an invalid condition while performing a request.

System action

The request is terminated with a U0200 abend, sending a dump to the RKLVSnap file or the system's dump data sets or both.

User response

Keep the TMS:Engine run sheets, dump files, this message, and the z/OS system log. Then contact IBM Software Support.

Message Type

REPLY

KLVTB042	FREE \$TUB INTEGRITY CHECK FAILED
-----------------	--

Explanation

The TMS:Engine tables manager detected a problem with an internal control block while performing a request.

System action

The request is terminated with a U0200 abend, sending a dump to the RKLVSnap file or the system's dump data sets or both.

User response

Keep the TMS:Engine run sheets, dump files, this message, and the z/OS system log. Then contact IBM Software Support.

Message Type

REPLY

KLVTB043	UNSUPPORTED/INVALID \$DMTB REQUEST RECEIVED
-----------------	--

Explanation

The TMS:Engine tables manager was passed an invalid request.

System action

The request is terminated with a U0200 abend, sending a dump to the RKLVSnap file or the system's dump data sets or both.

User response

Keep the TMS:Engine run sheets, dump files, this message, and the z/OS system log. Then contact IBM Software Support.

Message Type

REPLY

KLVTB045	RESIDUAL RECORD DELETED: TABLE(<i>table</i>) SEQUENCE(<i>nnn</i>)
-----------------	--

Explanation

The TMS:Engine tables manager detected an error while writing table to the tables database. Data from an older copy of the table was not completely removed during an earlier save request. *nnn* is the record sequence number of the invalid data record for table.

System action

The tables manager deletes the old, invalid records and continues saving table. This message is issued for each record that is deleted.

User response

None.

Message Type

LOG

**KLVTB046 CHAINING ERROR: TABLE(*table*)
SEQUENCE(*nnn*) RECORD(*hex*)****Explanation**

The TMS:Engine tables manager detected an error while reading the tables database for table. A block that spans multiple VSAM records is not correct. *nnn* is the record sequence number for the table that contains the block. *hex* is the block that was in error, followed by the remainder of the VSAM record.

System action

The tables manager will attempt to load a previous copy of the table, if one exists (message KLVTB035), or will use the partially loaded table (message KLVTB034).

User response

None.

Message Type

LOG

**KLVTB047 UNEXPECTED FIELD: TABLE(*table*)
SEQUENCE(*nnn*) RECORD(*hex*)****Explanation**

The TMS:Engine tables manager detected an error while reading the tables database for table. Too many variable names or sort fields have been processed. *nnn* is the record sequence number for the table that contains the block. *hex* is the block that was in error, followed by the remainder of the VSAM record.

System action

The tables manager will attempt to load a previous copy of the table, if one exists (message KLVTB035). If there is no alternate table, message KLVTB036 will be issued and the request terminated with a nonzero return code.

User response

Refer to message KLVTB036.

Message Type

LOG

**KLVTB048 INVALID ERASE REQUEST
DETECTED****Explanation**

The TMS:Engine tables manager detected an error before erasing a record from the tables data base.

System action

The request is terminated with a U0100 abend, sending a dump to the RKLVSnap file or the system's dump data sets or both.

User response

Gather the complete TMS:Engine logs, dump files, this message, and the z/OS system log. For detailed instructions on resolving this issue, search for KLVTB048 at the IBM Support Portal.

Message Type

REPLY

KLVTB049 INVALID RLB CHAIN DETECTED**Explanation**

The TMS:Engine tables manager detected an error while attempting to lock a row from the tables data base.

System action

The request is terminated with a U0100 abend, sending a dump to the RKLVSnap file or the system's dump data sets or both.

User response

Keep the TMS:Engine run sheets, dump files, and this message. Then contact IBM Software Support.

Message Type

REPLY

**KLVTB051 UNSUPPORTED/INVALID \$TBHLP
REQUEST RECEIVED****Explanation**

The TMS:Engine tables manager was passed an invalid request.

System action

The request is terminated with a U0200 abend, sending a dump to the RKLVSnap file or the system's dump data sets or both.

User response

Keep the TMS:Engine run sheets, dump files, this message, and the z/OS system log. Then contact IBM Software Support.

Message Type

REPLY

KLVTB052 **KLVINTB RKANPAR PARAMETERS:**

Explanation

Module KLVINTB logs its startup parameters as they are read from RKANPAR. This is the header message and will be followed by message KLVTB053.

System action

None.

User response

None.

Message Type

LOG

KLVTB053 *parameters*

Explanation

As the parameters in module KLVINTB are read, a log audit trail is created.

System action

None.

User response

None.

Message Type

LOG

KLVTI001 **ITMS ENGINE TIME: *time***

Explanation

The TIME command causes the TMS:Engine time to be displayed.

Explanation

None.

User response

None.

Message Type

REPLY

KLVTI002 **ITMS ENGINE TIME RESET TO:
*time DATE: date***

Explanation

The TIME RESET command has set the TMS:Engine time and date to the system local time and date shown.

System action

None.

User response

None.

Message Type

REPLY, VIEW

KLVTI201 **INVALID \$STMX REQUEST
DETECTED**

Explanation

An TMS:Engine timing service has been passed invalid information.

System action

The request is terminated with a U0200 abend, sending a dump to the RKLVSnap file or the system's dump data sets or both.

User response

Keep the TMS:Engine run sheets, dump files, this message, and the z/OS system log. Then contact IBM Software Support.

Message Type

ABEND

KLVTQ101 **CHANGE OF DAY PROCESSING
COMPLETE: DATE *date***

Explanation

The TMS:Engine timing services routine needed to adjust its queue due to a day change.

System action

None.

User response

None.

Message Type

INFO

KLVTQ102 **INVALID \$TRB DETECTED.**
\$TRB ADDR(addr)
\$TRTIME(time) \$TRJDATE(jdate)
\$TRETRY(entry) \$TRPARM(parm)
\$TRASSOC(assoc) \$TRINTVL(intvl)
ASSOCVAL(assocval)

Explanation

During the processing of an expired timer interval it was determined that the \$TRB had an invalid association vector. *addr* is the address of the \$TRB. *time* and *jdate* are the date and time that the timer request was initiated. *entry* is the address of the exit routine. *parm* is the parameter to be passed to the exit routine. *assoc* is the address of the association vector and *intvl* is the length of the interval that this \$TRB represents. *assocval* is the contents of the association vector. *assocval* will be ********* if *assoc* is an invalid address.

System action

The \$TRB is freed, the \$STMR exit routine is not run, and processing continues.

User response

Contact IBM Software Support.

Message Type

REPLY

KLVTR001 **INTERNAL TRACE STATUS:**

Explanation

The title for the INTERNAL TRACE STATUS display. The TRACE command displays the current trace table eligibility mask.

System action

None.

User response

None.

Message Type

ERROR

KLVTR002 **INVALID TRACE ID: 'arg'**

Explanation

The TRACE command contains an invalid parameter *arg*.

System action

The command fails.

User response

Validate and correct the trace id *arg*, and reissue the command.

Message Type

ERROR

KLVTR003 **INVALID PREFIX CHARACTER:**
'arg'

Explanation

The TRACE command contains an invalid prefix character *arg* as one of the parameters.

System action

The command fails.

User response

Correct the invalid prefix character (it must be (+) or (-)) and reissue the command.

Message Type

ERROR

KLVTR004 **INTERNAL TRACE FACILITY**
DISABLED

Explanation

The TRACE command failed because the internal trace facility has been disabled.

System action

The command fails.

Message Type

REPLY

KLVTR005 *class arg*

Explanation

class is the trace class being reported. *arg* is ENABLED OR DISABLED.

System action

None.

User response

None.

Message Type

REPLY

KLVTR006 **PRODUCT TRACE STATUS**

Explanation

The title line for the PRODUCT TRACE STATUS displays.

System action

None.

Message Type

ERROR

KLVTR007 *pr* **ENABLED**

Explanation

pr is a two character product id that is enabled for tracing.

System action

None.

User response

None.

Message Type

REPLY

KLVTR008 ***** END OF DATA *****

Explanation

The end of the TRACE STATUS display.

System action

None.

Message Type

REPLY

KLVTR021 **TRACE REQUEST REJECTED.
REQUIRED ARGUMENT MISSING**

Explanation

The GTRACE command was entered with the ON|OFF operand without specifying a resource to be traced.

System action

The trace request is rejected.

User response

Specify the resource to be traced and reissue the command.

Message Type

ERROR

KLVTR022 **TRACE REQUEST REJECTED.
INVALID CLASS(*class*) SPECIFIED**

Explanation

An invalid CLASS was specified. *class* is the class type specified.

System action

The trace request is rejected.

User response

Specify a correct CLASS and reissue the command.

Message Type

ERROR

KLVTR023 **TRACE REQUEST REJECTED.
INTERNAL TRACE FACILITY
DISABLED.**

Explanation

A GTRACE CLASS(INT) ON command has been issued but no internal trace table has been allocated at system startup.

System action

The trace request is rejected.

User response

If an internal trace is desired, specify DEBUG(Y) in the KLVSYSIN member of RKANPAR and recycle the system.

Message Type

ERROR

KLVTRO24	TRACE TERM ACB(<i>resname</i>) QUEUED ENABLED DISABLED
-----------------	---

Explanation

The trace request for *resname* of TERM or ACB has been performed.

System action

None.

User response

None.

Message Type

ERROR

KLVTRO25	TRACE REQUEST REJECTED. TERM(<i>resname</i>) NOT A PHYSICAL TERMINAL.
-----------------	--

Explanation

The trace for *resname* of CLASS(TERM) has been requested, but the *resname* is not a physical terminal.

System action

The trace request is rejected.

User response

Specify CLASS(ACB), or use the VSSTRACE command to trace virtual sessions.

Message Type

ERROR

KLVTRO26	GTF INTERFACE HAS NOT BEEN ENABLED
-----------------	---

Explanation

A trace request has been issued for a resource but the GTF interface has not been enabled.

System action

None.

User response

Issue the GTF ON command to enable GTF tracing.

Message Type

WARNING

KLVTRO27	TRACE CLASS(INT TERM ACB) STATUS:
-----------------	--

Explanation

This is the header message of the trace status display.

System action

None.

User response

None.

Message Type

REPLY

KLVTRO28	TRACE REQUEST REJECTED. INVALID ARGUMENT SPECIFIED.
-----------------	--

Explanation

A GTRACE command is specified with an invalid *resname*.

System action

The trace request is rejected.

User response

Correct and reissue the command.

Message Type

ERROR

KLVTR029 *class: stat*

Explanation

This message displays the status of internal trace class *class. stat* is its status.

System action

None.

User response

None.

Message Type

REPLY

KLVTR031 *type(res) : stat*

Explanation

This message displays the status of resource *res. type* is the resource type and *stat* is its status.

System action

None.

User response

None.

Message Type

REPLY

KLVTR032 ***** END OF TRACE STATUS *****

Explanation

This message marks the end of a section of trace status data.

System action

None.

User response

None.

Message Type

REPLY

KLVTS000 **INVALID \$CTMR REQUEST**

Explanation

TMS:Engine encountered a problem during timer services processing.

System action

TMS:Engine terminates.

User response

Contact IBM Software Support.

Message Type

ABEND

KLVTS001 **TIMER ALREADY CANCELLED**

Explanation

An attempt was made to cancel a timer request that had already been cancelled.

System action

The thread is terminated.

User response

Contact IBM Software Support.

Message Type

ABEND

KLVTS011 **TIMER ASSOCIATION VECTOR
REUSE**

Explanation

An attempt was made to create a timer request and the contents of the supplied association vector referenced a currently active timer request.

System action

The thread is terminated.

User response

Contact IBM Software Support.

Message Type

ABEND

**KLVUX000 INVALID USE OF KLV\$\$\$GBL BY A
 USEREXIT****Explanation**

Proper linkage has not been established for the user exit.

System action

For problem determination, a dump is generated with a user abend code.

User response

Review the user exit and make any necessary corrections.

Message Type

REPLY

**KLVVL001 VSAM SERVICES NOT AVAILABLE
 FOR VIEWLOG****Explanation**

VIEWLOG requires VSAM support, but the TMS:Engine VSAM services routine did not initialize.

System action

VIEWLOG initialization ends. VIEWLOG processing is not available. TMS:Engine initialization continues.

User response

Review RKLVL001 for KLVVSnnn messages that will identify the VSAM problem. Correct it and restart TMS:Engine.

Message Type

WARNING

**KLVVL002 UNABLE TO ALLOCATE VIEWLOG
 CLUSTER: DSNAME(*dsname*)****Explanation**

An unsuccessful attempt was made to dynamically allocate the VIEWLOG cluster.

System action

The VIEWLOG command is unavailable.

User response

Look for dynamic allocation error messages (KLVDAAnn) to determine a more specific reason the data set could not be allocated, and take appropriate corrective action.

Message Type

WARNING

**KLVVL003 VIEWLOG CLUSTER INITIALIZED:
 DSNAME *dsn*****Explanation**

The VIEWLOG cluster *dsn* has been successfully initialized. This message is logged to create an audit trail.

System action

None.

User response

None.

Message Type

INFO

**KLVVL004 UNABLE TO REOPEN VIEWLOG
 CLUSTER****Explanation**

During TMS:Engine startup, an unsuccessful attempt was made to reopen the VIEWLOG cluster under LSR. This is done to get control interval access to the cluster in order to initialize the VIEWLOG environment. An error was made defining the VIEWLOG environment.

System action

The VIEWLOG command is unavailable.

User response

Contact IBM Software Support.

Message Type

WARNING

**KLVVL005 UNABLE TO LOGON *SYSVLOG* FOR
 VIEWLOG**

Explanation

The operator *SYSVLG* could not be defined.

System action

The VIEWLOG command is unavailable.

User response

Contact IBM Software Support.

Message Type

WARNING

KLVVL006	SHOWCB FIELDS=(ACBLEN,RPLLEN) ERROR: R15(<i>r15</i>) R0(<i>r0</i>)
-----------------	---

Explanation

A SHOWCB macro instruction issued to obtain the length of a VSAM ACB completed unsuccessfully.

System action

The VIEWLOG command is unavailable.

User response

Use the appropriate VSAM programmer's reference and the *r0* and *r15* fields to determine the cause of the error and take appropriate corrective action.

Message Type

WARNING

KLVVL007	SHOWCB FIELDS=RPLLEN ERROR: R15(<i>r15</i>) R0(<i>r0</i>)
-----------------	--

Explanation

A SHOWCB macro instruction issued to obtain the length of a VSAM RPL completed unsuccessfully.

System action

The VIEWLOG command is unavailable.

User response

Use the appropriate VSAM programmer's reference and the *r0* and *r15* fields to determine the cause of the error and take appropriate corrective action.

Message Type

WARNING

KLVVL008	GENCB BLK=ACB ERROR: R15(<i>r15</i>) R0(<i>r0</i>)
-----------------	---

Explanation

A GENCB macro instruction was issued to generate a VSAM ACB and completed unsuccessfully.

System action

The VIEWLOG command is unavailable.

User response

Use the appropriate VSAM programmer's reference and the *r0* and *r15* fields to determine the cause of the error and take appropriate corrective action.

Message Type

WARNING

KLVVL009	GENCB BLK=RPL ERROR: R15(<i>r15</i>) R0(<i>r0</i>)
-----------------	---

Explanation

A GENCB macro instruction was issued to generate a VSAM RPL and completed unsuccessfully.

System action

The VIEWLOG command is unavailable.

User response

Use the appropriate VSAM programmer's reference and the *r0* and *r15* fields to determine the cause of the error and take appropriate corrective action.

Message Type

WARNING

KLVVL010	UNABLE TO OPEN VIEWLOG CLUSTER: DSNAME(<i>dsn</i>) DDNAME(<i>ddname</i>) R15(<i>r15</i>) ACBERFLG(<i>acherflg</i>)
-----------------	---

Explanation

During TMS:Engine startup, an unsuccessful attempt was made to open the VIEWLOG cluster *dsn*. The cluster was probably defined improperly.

System action

The VIEWLOG command is unavailable.

User response

Use the *VSE/VSAM Programmer's Reference* (SC33-6535) and the *r15* and *acberflg* fields to determine the cause of the error and take appropriate corrective action.

Message Type

WARNING

KLVVL011 **UNABLE TO LOAD VIEWLOG
CLUSTER: R15(*r15*) R0(*r0*)**

Explanation

An unsuccessful attempt was made to PUT an initial record to the VIEWLOG cluster. The cluster was probably defined improperly.

System action

The VIEWLOG command is unavailable.

User response

Use the *VSE/VSAM Programmer's Reference* (SC33-6535) and the *r0* and *r15* fields to determine the cause of the error and take appropriate corrective action.

Message Type

WARNING

KLVVL012 **DISP(*value*) IS INVALID;
DEFAULTS TO OLD**

Explanation

An invalid value was coded on the DISP keyword in the KLVINVLG member of RKANPAR.

System action

DISP(OLD) will be used. VIEWLOG and TMS:Engine initialization continues.

User response

Correct the keyword value. If the default value is unacceptable, recycle TMS:Engine.

Message Type

WARNING

KLVVL013 **RKANPAR(KLVINVLG) IS EMPTY**

Explanation

The VIEWLOG initialization member, KLVINVLG, in RKANPAR is either not present or contains no statements.

System action

VIEWLOG initialization ends. VIEWLOG processing is not available. TMS:Engine initialization continues.

User response

Create a valid KLVINVLG member and recycle TMS:Engine.

Message Type

WARNING

KLVVL014 **DSNAME OR DDNAME IS
REQUIRED FOR VIEWLOG**

Explanation

The KLVINVLG member of RKANPAR does not have a data set or DD name or either coded.

System action

VIEWLOG initialization ends. VIEWLOG processing is not available. TMS:Engine initialization continues.

User response

Modify the KLVINVLG member to specify a data set or DD name or both, and then recycle TMS:Engine.

Message Type

WARNING

KLVVL015 **VIEWLOG DSNAME RETRIEVAL
FAILED, RC(*rc*) ERROR(*error*)
INFO(*info*) DDNAME(*ddn*)**

Explanation

During VIEWLOG initialization, an attempt to determine the data set name associated with DD *ddn* failed. The z/OS DYNALLOC function gave with the indicated return, error, and info codes.

System action

VIEWLOG initialization ends. VIEWLOG processing is not available. TMS:Engine initialization continues.

User response

Consult the *IBM z/OS MVS Programming: Authorized Assembler Services Reference* to determine the reason DYNALLOC failed.

Message Type

WARNING

KLVVL016 **KLVINVLG RKANPAR
PARAMETERS:**

Explanation

Module KLVINVLG logs its startup parameters as they are read from RKANPAR. This is the header message and will be followed by message KLVVL017.

System action

None.

User response

None.

Message Type

LOG

KLVVL017 *parameters*

Explanation

As the parameters in module KLVINVLG are read, a log audit trail is created.

System action

None.

User response

None.

Message Type

LOG

KLVVS003 **VSAM ACB CLOSE FAILURE:
R15(r15) ACBERFLG(*acberflg*)**

Explanation

An unsuccessful attempt was made to close a VSAM ACB.

System action

Any attempt to use the cluster in error may result in an error.

User response

Use the appropriate IBM DFP or VSAM programmer's reference (typically *IBM z/OS DFSMS Macro Instructions for Data Sets*) for the CLOSE macro, and the *r15* and *acberflg* fields to determine the cause of the error. Then take appropriate corrective action.

Message Type

ERROR

KLVVS010 *text*

Explanation

A control statement in the KLVINVAM RKANPAR member has been read and is being processed. *text* is the statement.

System action

None.

User response

None.

Message Type

LOG

KLVVS011 **VSAM ACB GENERATION ERROR:
R15(r15) R0(r0), TERMINATION
SCHEDULED**

Explanation

During TMS:Engine initialization, an error was detected when a GENCB macro was issued to generate an ACB.

System action

After any subsequent startup modules are invoked, TMS:Engine terminates.

User response

Use the appropriate IBM DFP or VSAM programmer's reference (typically *IBM z/OS DFSMS Macro Instructions for Data Sets*) for the GENCB macro, and the *r15* and *r0* fields to determine the cause of the error. Then take appropriate corrective action and restart TMS:Engine.

Message Type

ALERT

KLVVS012	EXCESS BYTES RESERVED IN \$CCB FOR VSAM ACB: NEEDED(<i>nbytes</i>) ALLOCATED(<i>mbytes</i>) EXCESS(<i>mbytes-nbytes</i>)
-----------------	---

Explanation

The length of the VSAM ACB generated is less than the amount of storage reserved for the ACB in the TMS:Engine control block \$CCB.

System action

None.

User response

None.

Message Type

LOG

KLVVS013	VSAM RPL GENERATION ERROR: R15(<i>r15</i>) R0(<i>r0</i>), TERMINATION SCHEDULED
-----------------	--

Explanation

During TMS:Engine initialization, an error was detected when a GENCB macro was issued to generate an RPL.

System action

After any subsequent startup modules are invoked, TMS:Engine terminates.

User response

Use the appropriate IBM DFP or VSAM programmer's reference (typically *IBM z/OS DFSMS Macro Instructions for Data Sets*) for the GENCB macro, and the *r15* and *r0* fields to determine the cause of the error. Then take appropriate corrective action and restart TMS:Engine.

Message Type

ALERT

KLVVS014	EXCESS BYTES RESERVED IN \$CRB FOR VSAM RPL: NEEDED(<i>nbytes</i>) ALLOCATED(<i>mbytes</i>) EXCESS(<i>mbytes-nbytes</i>)
-----------------	---

Explanation

The length of the VSAM RPL generated is less than the amount of storage reserved for the RPL in the TMS:Engine control block \$CRB.

System action

None.

User response

None.

Message Type

LOG

KLVVS015	VSAM INITIALIZATION COMPLETE
-----------------	-------------------------------------

Explanation

When the VSAM initialization startup module has successfully completed, this message is logged to create an audit trail.

System action

None.

User response

None.

Message Type

INFO

KLVVS016	VSAM ACB REQUIRES <i>n</i> BYTES, ONLY <i>m</i> BYTES WERE RESERVED, INCREASE &\$CCBSP\$
-----------------	---

Explanation

The amount of storage reserved in the TMS:Engine \$CCB control block is not sufficient for the amount used by the VSAM ACB generated.

System action

After any subsequent startup modules are invoked, TMS:Engine terminates.

User response

Keep the TMS:Engine run sheets and dump files, this message, the z/OS system log, and determine your systems DFP release level. Then contact IBM Software Support.

Message Type

WARNING

KLVVS017	VSAM RPL REQUIRES <i>n</i> BYTES, ONLY <i>m</i> BYTES WERE RESERVED, INCREASE & \$CRBSP\$
-----------------	--

Explanation

The amount of storage reserved in the TMS:Engine \$CRB control block is not sufficient for the amount used by the VSAM RPL generated.

System action

After any subsequent startup modules are invoked, TMS:Engine terminates.

User response

Keep the TMS:Engine run sheets and dump files, this message, the z/OS system log, and determine your systems DFP release level. Then contact IBM Software Support.

Message Type

WARNING

KLVVS018	VSAM INITIALIZATION BYPASSED, NO LSR POOL
-----------------	--

Explanation

No LSR pool was allocated during TMS:Engine startup.

System action

The TMS:Engine VSAM facility is unavailable.

User response

Ensure that one or more LSRPOOL keywords are coded in RKLVIN and restart TMS:Engine.

Message Type

LOG

KLVVS019	TOO MANY FREEPCTWARN VALUES
-----------------	------------------------------------

Explanation

More than 10 values were specified on the KLVINVAM RKANPAR keyword, FREEPCTWARN.

System action

The remainder of the KLVINVAM member will be processed. Then TMS:Engine startup will be terminated.

User response

Correct FREEPCTWARN to have 10 or fewer values.

Message Type

WARN, ERROR

KLVVS020	KLVINVAM RKANPAR PARAMETERS:
-----------------	-------------------------------------

Explanation

Module KLVINVAM logs its startup parameters as they are read from RKANPAR. This is the header message and will be followed by message KLVVS010.

System action

None.

User response

None.

Message Type

LOG

KLVVS021	VSAM LOGIC ERROR: RPL(addr) CLUSTER(name) RPLFDBWD(rplfdbwd) RPLIDWD(rplidwd) RPLOPTCD(rploptcd)
-----------------	---

Explanation

A VSAM request issued by TMS:Engine received RC=8, indicating that a logical error occurred. For resource contention errors received for a given request, this message is issued every 10 errors to reduce message traffic in RKLVLLOG.

System action

If the error indicates VSAM resource contention, message KLVVS026 will be issued and the request retried. Otherwise, the system action depends on the reason for the error.

User response

When this message is followed by KLVVS026, refer to that message for appropriate actions. Otherwise, consult the appropriate IBM DFP or VSAM reference manual (typically *IBM z/OS DFSMS Macro Instructions for Data Sets*) for the meaning of RPLFDBWD (the feedback word) to determine the cause of the error. Then take the appropriate corrective action.

Message Type

LOG

KLVVS023	FREEPCTWARN VALUE INVALID: nnnn
-----------------	--

Explanation

The value specified on the FREEPCTWARN parameter in the KLVINVAM member of RKANPAR is not valid.

System action

Initialization is terminated.

User response

Edit the KLVINVAM member of RKANPAR and correct the value specified for FREEPCTWARN. Valid values are 0 to 100.

Message Type

WARNING, ERROR

KLVVS026	VSAM <i>type</i> CONTENTION - REQUEST WILL BE RETRIED IN 0.50 SECONDS (nnn RETRIES)
-----------------	--

Explanation

A VSAM request issued by TMS:Engine was rejected because of resource contention. type may be CI, BUFFER, or STRING. nnn is the number of prior retries for this request. KLVVS021 precedes this message. For resource contention errors received for a given request, this message is issued every 10 errors to reduce message traffic in RKLVLLOG.

System action

The TMS:Engine requester is suspended for one-half second. Then the request is reissued.

User response

If the condition occurs often, take the following actions:

- **STRING:** Increase the LSRSTRNO value in RKLVIN to allow more concurrent VSAM requests. If the value is at its maximum of 255, no further action is available.
- **BUFFER:** Increase the LSRPOOL value in RKLVIN for the CI size of the cluster identified in the KLVVS021 message.
- **CI:** If the cluster identified in the KLVVS021 message has a CI size greater than 4096, reallocate it with CISIZE(4096) and increase the LSRPOOL value for buffer size 4096. If the CI size is 4096 or smaller, no further action is available.

Message Type

LOG

KLVVS031	VSAM PHYSICAL ERROR: RPL(addr) CLUSTER(name) RPLFDBWD(rplfdbwd) RPLIDWD(rplidwd) RPLOPTCD(rploptcd)
-----------------	--

Explanation

A VSAM physical error was detected.

System action

The system action depends on the reason for the error.

User response

Consult the appropriate IBM DFP or VSAM reference manual (typically *IBM z/OS DFSMS Macro Instructions for Data Sets*) for the meaning of RPLFDBWD (the feedback word) to determine the cause of the error. Then take the appropriate corrective action.

Message Type

LOG

KLVVS041	FREEPCTWARN VALUE INVALID: pct
-----------------	---

Explanation

A FREEPCTWARN value is larger than 100 or less than 0.

System action

The remainder of the KLVINVAM member will be processed. Then TMS:Engine startup will be terminated.

User response

Correct FREEPCTWARN so that all values are between 0-100 inclusive.

Message Type

WARN, ERROR

KLVVS042 'text' IS NOT VALID FOR *kwd*
RKANPAR(KLVINVAM)

Explanation

The KLVINVAM keyword, *kwd*, had a value, *text*, that is not YES or NO.

System action

The remainder of the KLVINVAM member will be processed. Then TMS:Engine startup will be terminated.

User response

Correct *kwd* to specify YES or NO.

Message Type

WARN, ERROR

KLVVS043 SPACEINTERVAL VALUE INVALID:
nnn

Explanation

The SPACEINTERVAL value is 0 or negative.

System action

The remainder of the KLVINVAM member will be processed. Then TMS:Engine startup will be terminated.

User response

Correct SPACEINTERVAL so that the value is 1 or greater.

Message Type

WARN, ERROR

KLVVS050 *dd type* EXTENTS=*mmm*
FREE=*nnn*% DSNAME=*dsn*

Explanation

This message documents the current space usage for data set *dsn*, allocated to DD *dd type* is either DATA or INDEX. *mmm* is the current number of extents occupied by the data or index. *nnn* is the current percentage of space free within the cluster.

KLVVS050 is issued for any of these reasons:

- OPENMESSAGE=YES was specified and the cluster is being opened.
- CLOSEMESSAGE=YES was specified and the cluster is being closed.
- The number of data or index extents changed.
- The free space percentage has reached or crossed one of the values specified in the FREEPCTWARN keyword.

System action

None.

User response

None.

Notes

OPENMESSAGE, CLOSEMESSAGE, and FREEPCTWARN are all specified in the RKANPAR member, KLVINVAM.

Message Type

LOG, WARN

KLVVS051 SHOWCB RC=*rc* REASON=*rs dd*
dsn; SPACE MESSAGES DISABLED

Explanation

Space usage could not be determined for data set *dsn*, allocated to *dd*, because a SHOWCB macro failed. *rc* is the return code (R15); *rs* is the reason code (R0).

System action

No further space usage monitoring will be done for the cluster. All other VSAM operations are unaffected.

User response

Contact IBM Software Support with the contents of this message and your z/OS and DFP release and maintenance levels.

Message Type

LOG, WARN, ERROR

KLVVS052 **INVALID KLVVSSTM REQUEST**

Explanation

An invalid parameter list was passed to an TMS:Engine VSAM service module.

System action

The active thread is terminated. A diagnostic dump will be taken to the system dump data sets or RKLVSnap.

User response

Keep the TMS:Engine run sheets and the dump, and contact IBM Software Support.

Message Type

None.

KLVVT001 **VTAM OPEN ERROR:
APPLID(*applid*) R15(*r15*)
ACBERFLG(*acberflg*)**

Explanation

An unsuccessful attempt was made to open a VTAM ACB.

System action

The application terminates.

User response

Use *IBM z/OS Communications Server SNA Programming* and the *r15* and *acberflg* fields to determine the cause of the error and take appropriate corrective action.

Message Type

LOG, VIEW

KLVVT002 **VTAM CLOSE ERROR:
APPLID(*applid*) R15(*r15*)
ACBERFLG(*acberflg*)**

Explanation

An unsuccessful attempt was made to close a VTAM ACB.

System action

None.

User response

Use *IBM z/OS Communications Server SNA Programming* and the *r15* and *acberflg* fields to determine the cause of the error and take appropriate corrective action.

Message Type

LOG, VIEW

KLVVT003 **CRITICAL APPLICATION
TERMINATING: APPLID(*applid*)**

Explanation

A critical application applid is in the process of terminating. An application is defined as critical at open time.

System action

None.

User response

None.

Message Type

ALERT

KLVVT004 **VTAM ACCESS METHOD SUPPORT
VECTOR LIST RELEASE LEVEL *level*
COMPONENT ID *id* FUNCTION LIST
list VECTOR *vector***

Explanation

The first VTAM ACB is successfully opened, causing information about the current level of z/OS Communications Server to be logged.

System action

None.

User response

None.

Message Type

LOG

KLVVT005 **SETLOGON FAILURE:
APPLID(*applid*), REQSTAT(*reqstat*)**

Explanation

A SETON request for application ABCNAME failed. *reqstat* is the return code and feedback information: the first byte of which is the return code, the second byte is the feedback, and the third and fourth are the SNA sense code.

System action

The application terminates.

User response

Use *IBM z/OS Communications Server SNA Programming* and the *reqstat* field to determine the cause of the error and take appropriate corrective action.

Message Type

INFO

KLVVT006 **GENERIC RESOURCE SUPPORT
REQUIRES VTAM 4.2 OR LATER.**

Explanation

The use of generic resources is required but the level of VTAM which is installed does not support generic resources. VTAM must be at the 4.2 or higher level.

System action

Initialization is terminated.

User response

Either remove the use of generic resources or install a version of VTAM which supports that function.

KLVVT007 **GENERIC RESOURCE ADD FAILED
FOR *applname***

Explanation

A SETLOGON OPTCD=GNAMEADD macro was issued for *applname* to attempt to register as a generic resource but the macro failed.

System action

Initialization is terminated.

User response

Check VTAM configuration to determine if generic resource definitions are correct.

KLVVT011 **PHYSICAL ERROR COUNT
EXCEEDED FOR *sluname*, SESSION
TERMINATED**

Explanation

Too many I/O errors have occurred on *sluname*.

System action

The session is terminated.

User response

Determine the cause of the I/O errors and take corrective action.

Message Type

INFO

KLVVT015 **SESSION PROCEDURE TIMEOUT:
LU(*luname*) SPT(*timeout*)**

Explanation

A session initiation request has timed out. A REQSESS for primary LU *luname* or SIMLOGON for secondary LU *luname* was issued and the response to the request exceeded the timeout interval *timeout*.

System action

The session initiation attempt fails.

User response

Increase SPT value in member KLVINVTM in RKANPAR library.

Message Type

INFO

KLVVT021 *text: appl,*
<lu><dest>, <cid>, <logmode>, <seqno>, <req>, <mod><cntrl>, <fdbk>, <fdbk2>, <osens>

Explanation

VTAM and TMS:Engine information have been formatted because a VTAM error has occurred or because TMS:Engine has been directed to trace certain

VTAM actions. The data that may be shown follows (RPL field names are in brackets):

- *text*: Short description of the error.

PI TRACE

TMS:Engine has been directed to trace the flow of control for this ACB.

EXIT TRACE

TMS:Engine has been directed to trace the flow of control for this ACB.

DFASY EXIT

TMS:Engine has been directed to trace the flow of control for this ACB.

REQUEST RETRY

The request was rejected because of a storage shortage. TMS:Engine will wait one second and then retry the request.

INBOUND -RSP-

A negative response was received and DEBUG(Y) has been requested.

INBOUND +RSP

A positive response was received and TMS:Engine has been directed to trace the flow of control for this ACB.

CHAIN RETRY

An exceptional condition was detected for this request and is being retried.

CHAIN RETRY FAILED

An attempt to retry a request that failed for an exceptional reason was not successful. The session is terminated. Refer to the data fields in the message to determine the problem.

OUTBOUND -RSP-

A negative response is being reflected to the requester. Refer to the data fields in the message for more information.

LOGICAL ERROR

A VTAM logical error was detected. Refer to the data fields in the message for more information.

VTAM NSXIT, UNKNOWN RU

The TMS:Engine Network Services Exit was scheduled, but the request unit (RU) received was not a Cleanup, Notify, or Network Services RU. Contact your site z/OS Communications Server systems programmer.

INVALID CORRELATOR

A solicited BIND has been received, but the user-provided correlator returned by VTAM is not valid. The BIND is rejected. Contact your z/OS Communications Server systems programmer.

PHYSICAL ERROR

A z/OS Communications Server physical error was detected. If the error was a z/OS Communications Server storage shortage the

request is retried until it succeeds or fails for a different reason. Refer to the data fields in the message to determine the problem.

- *appl*: Application ID.
- *lu*: Logical unit name.
- *dest*: Destination (for CLSDST PASS).
- *cid*: Communication identifier.
- *logmode*: Associated logmode.
- *seqno*: RPL sequence number. [RPLSEQNO].
- *req*: Request code. If it is one of a standard set, it is shown in English; otherwise it is formatted in hexadecimal. [RPLREQ].
- *nie*: Control modifier: [RPLSRYP] and [RPLRH3].
 - **R** Response
 - **BB** Begin bracket
 - **EB** End bracket
 - **CEB** Conditional end bracket
 - **CD** Change direction
- *cntrl*: Control information. If it is one of a standard set, it is shown in English; otherwise it is formatted in hex. [RPLCNTRL].
- *fdbk*: Request feedback. If it is one of a standard set, it is shown in English; otherwise it is formatted in hex. [RPLFDBK].
- *fdbk2*: More feedback information, displayed in hex. [PRLFDBK2].
- *osens*: Sense code information, displayed in hex. [RPLOSENS].

If a data item cannot be located, it is omitted from the message. If DEBUG(Y) was specified in the TMS:Engine KLVSYISIN file, the contents of any request units, the RPL, and an TMS:Engine control block will be displayed, if they are relevant.

System action

The system action depends on the reason for the dump.

User response

Refer to *IBM z/OS Communications Server SNA Programming* to obtain information about the FDBK, FDBK2, and OSENS fields. If the dump seems to be associated with a persistent problem, contact IBM Software Support.

Note: Many of these dumps are the result of normal conditions, such as powering a terminal off.

Message Type

LOG. If DEBUG(Y) is specified, LOG, VIEW.

KLVVT021_2 EXCEPTION RESPONSE

Explanation

An exception response was received by TMS:Engine.

System action

The system action depends on the reason for the exception response.

User response

If the exception response is not the result of normal network activity, contact IBM Software Support.

Message Type

LOG

KLVVT021_3 DEFINITE RESPONSE

Explanation

The EXIT or API traces have been enabled. All responses received by TMS:Engine cause a VTAM request dump under these circumstances.

System action

None.

User response

None.

Message Type

LOG

KLVVT021_4 VTAM LERAD EXIT

Explanation

A VTAM logic error was detected, causing the TMS:Engine LERAD exit to be scheduled.

System action

None.

User response

Consult your site's network systems programmer.

Message Type

LOG

KLVVT021_5 VTAM NSEXIT, UNKNOWN RU

Explanation

The TMS:Engine Network Services Exit was scheduled, but the RU received was not a Cleanup RU or a Notify RU.

System action

None.

User response

Consult your site's network system programmer.

Message Type

LOG

KLVVT021_6 VTAM SYNAD EXIT

Explanation

A physical error or special condition was encountered by VTAM, causing the TMS:Engine SYNAD exit to be scheduled.

System action

Unpredictable.

User response

Consult your site's network system programmer.

Message Type

LOG

KLVVT021_7 PHYSICAL ERROR

Explanation

VTAM encountered a physical error, for example, a storage shortage.

System action

The operation is retried until successful. System action is invisible to the user.

User response

None. This message is logged for audit purposes only.

Message Type

LOG

KLVVT021_8 API EXIT TRACE ENABLED

Explanation

The API exit trace has been enabled.

System action

A VTAM request dump is taken.

User response

None.

Message Type

LOG

KLVVT021_9 RPL EXIT TRACE ENABLED

Explanation

The RPL exit trace has been enabled.

System action

A VTAM request dump is taken.

User response

None.

Message Type

LOG

KLVVT021_10 INVALID CORRELATOR

Explanation

A solicited BIND has been received, and the user-provided correlator returned by the access method is not valid.

System action

The BIND is rejected.

User response

Consult your site's network system programmer.

Message Type

LOG

**KLVVT031 LOGON REJECTED: LU(*luname*)
CID(*cid*)**

Explanation

Either:

- A resource ID could not be assigned, or
- Session initialization failed for the device *luname* and communication ID *cid*.

System action

The session terminates.

User response

Look for other error messages associated with this LU *luname* to isolate the error.

Message Type

INFO

**KLVVT051 NETWORK SERVICES RU:
APPLID(*acb*) LRN(*lrv*) RU(*ru*)**

Explanation

The TMS:Engine NSEXIT received a network services RU.

System action

For cleanup requests, the session is terminated.

User response

The RU field contains the network services RU type. Refer to *SNA Formats (SNA Reference Summary)* (GA27-3136) to determine the NS RU type or contact your site's network system programmer.

Message Type

LOG

**KLVVT061 RELEASE REQUESTED: LU(*luname*)
ACB(*address*)**

Explanation

Another application program has requested a session with logical unit *luname*. *address* is the address of the TMS:Engine ACB for *luname*. VTAM does not provide information about the application that requested the release.

System action

A VTAM RELREQ command is issued against luname.

User response

None.

Message Type

LOG, VIEW

**KLVVT062 RELEASE REQUESTED, SESSION
NOT FOUND: LU(lu)**

Explanation

Another application program has requested a session with logical unit lu but the session between an TMS:Engine application and LU lu could not be found.

System action

None.

User response

None.

Message Type

LOG, VIEW

**KLVVT091 APPLICATION HAS BEEN HALTED:
APPLID(applid)**

Explanation

The network operator is shutting down the network or this application, or a VTAM abend has occurred.

System action

Sessions between application applid and its associated logical units terminate.

User response

This message is normally the result of an orderly TMS:Engine shutdown. Each active application is closed by TMS:Engine.

Message Type

WARNING

**KLVVT101 VTAM EXLST GENERATION
ERROR: R15(r15) R0(r0)
TERMINATION SCHEDULED**

Explanation

An error was detected during the generation of a VTAM EXLST.

System action

After any subsequent startup modules are invoked, TMS:Engine terminates.

User response

Consult *IBM z/OS Communications Server SNA Programming* to determine the cause of the error. Correct it, and restart TMS:Engine. The return code appears in the r15 field and the error return code appears in the r0 field.

Message Type

ALERT

**KLVVT102 VTAM ACB GENERATION ERROR:
R15(r15) R0(r0) TERMINATION
SCHEDULED**

Explanation

An error was detected during the generation of a VTAM ACB GENCB macro.

System action

After any subsequent startup modules are invoked, TMS:Engine terminates.

User response

Consult *IBM z/OS Communications Server SNA Programming* to determine the cause of the error. Correct it, and restart TMS:Engine. The return code appears in the r15 field and the error return code appears in the r0 field.

Message Type

ALERT

**KLVVT103 EXCESS BYTES RESERVED
IN \$ACB FOR VTAM
ACB: NEEDED(nbytes)
ALLOCATED(mbytes)
EXCESS(mbytes-nbytes)**

Explanation

The length of the VTAM ACB generated is less than the amount of storage reserved for the ACB in the TMS:Engine control block \$ACB.

System action

None.

User response

None.

Message Type

LOG

KLVVT104	VTAM NIB GENERATION ERROR: R15(<i>r15</i>) R0(<i>r0</i>) TERMINATION SCHEDULED
-----------------	---

Explanation

An error was detected during the generation of a VTAM NIB (GENCB macro).

System action

After any subsequent startup modules are invoked, TMS:Engine terminates.

User response

Consult *IBM z/OS Communications Server SNA Programming* to determine the cause of the error. Correct it, and restart TMS:Engine. The return code appears in the *r15* field and the error return code appears in the *r0* field.

Message Type

ALERT

KLVVT105	EXCESS BYTES RESERVED IN \$NIB FOR VTAM NIB: NEEDED(<i>nbytes</i>) ALLOCATED(<i>mbytes</i>) EXCESS(<i>mbytes-nbytes</i>)
-----------------	---

Explanation

The length of the VTAM NIB generated is less than the amount of storage reserved for the RPL in the TMS:Engine control block \$CRB.

System action

None.

User response

None.

Message Type

LOG

KLVVT106	VTAM RPL GENERATION ERROR: R15(<i>r15</i>) R0(<i>r0</i>) TERMINATION SCHEDULED
-----------------	---

Explanation

An error was detected during the generation of a VTAM RPL GENCB macro.

System action

After any subsequent startup modules are invoked, TMS:Engine terminates.

User response

Consult *IBM z/OS Communications Server SNA Programming* to determine the cause of the error. Correct it, and restart TMS:Engine. The return code appears in the *r15* field and the error return code appears in the *r0* field.

Message Type

ALERT

KLVVT107	EXCESS BYTES RESERVED IN \$ARB FOR VTAM RPL: NEEDED(<i>nbytes</i>) ALLOCATED(<i>mbytes</i>) EXCESS(<i>mbytes-nbytes</i>)
-----------------	---

Explanation

The length of the VTAM RPL generated is less than the amount of storage reserved for the RPL in the TMS:Engine control block \$ARB.

System action

None.

User response

None.

Message Type

LOG

KLVVT108	NO EXTENDED SUPPORT FOR VTAM LEVEL: <i>level</i>
-----------------	---

Explanation

Some extended functions such as RTM might not be able to perform.

System action

Processing continues.

User response

If extended functions such as RTM are used contact IBM Software Support.

Message Type

LOG

KLVVT109	VTAM ACB REQUIRES <i>n</i> BYTES, ONLY <i>m</i> BYTES WERE RESERVED, INCREASE &\$ACBSP\$
-----------------	---

Explanation

The amount of storage reserved in the TMS:Engine control block \$ACB is not sufficient for the amount used by the VTAM ACB generated.

System action

After any subsequent startup modules are invoked, TMS:Engine terminates.

User response

Keep the TMS:Engine run sheets and dump files, this message, and the z/OS system log. Determine your systems z/OS Communications Server release level. Then contact IBM Software Support.

Message Type

WARNING

KLVVT110	VTAM NIB REQUIRES <i>n</i> BYTES, ONLY <i>m</i> BYTES WERE RESERVED, INCREASE &\$NIBSP\$
-----------------	---

Explanation

The amount of storage reserved in the TMS:Engine control block \$SCB is not sufficient for the amount used by the VTAM NIB generated.

System action

After any subsequent startup modules are invoked, TMS:Engine terminates.

User response

Keep the TMS:Engine run sheets and dump files, this message, and the z/OS system log. Determine your system's z/OS Communications Server release level. Then contact IBM Software Support.

KLVVT111	VTAM RPL REQUIRES <i>n</i> BYTES, ONLY <i>m</i> BYTES WERE RESERVED, INCREASE &\$ARBSP\$
-----------------	---

Explanation

The amount of storage reserved in the TMS:Engine control block \$ARB is not sufficient for the amount used by the VTAM RPL generated.

System action

After any subsequent startup modules are invoked, TMS:Engine terminates.

User response

Keep the TMS:Engine run sheets and dump files, this message, and the z/OS system log. Determine your system's z/OS Communications Server release level. Then contact IBM Software Support.

Message Type

WARNING

KLVVT112	VTAM INTERFACE INITIALIZED [,XA] [,AUTHORIZED PATH] [,SPT=VTSPT]
-----------------	---

Explanation

The VTAM interface has been initialized and XA and AUTHORIZED PATH are displayed if used. VTSPT specifies the VTAM session procedure timeout.

System action

None.

User response

None.

Message Type

INFO

KLVVT113	KLVINVTM RKANPAR PARAMETERS:
-----------------	-------------------------------------

Explanation

Module KLVINVTM logs its startup parameters as they are read from RKANPAR. This is the header message and will be followed by message KLVVT114.

System action

None.

User response

None.

Message Type

LOG

KLVVT114 *parameters*

Explanation

As the parameters in module KLVINVTM are read, a log audit trail is created.

System action

None.

User response

None.

Message Type

LOG

KLVVT251 **SESSION SETUP ERROR:**
POOL(*pool*) APPLID(*applid*)
PLU(*plu*) REQSTAT(*rcfb*)

Explanation

There has been a failure to establish a virtual session. *pool* and *applid* identify the virtual terminal. *plu* is the requested application. *rcfb* is the 4-byte return code and feedback information:

- **1:** Return code. The high bit (X'80') will be turned on if this message is being issued as a result of a VTAM NOTIFY request unit. The next bit (X'40') will be turned on if the data shown in bytes 3 and 4 is the user sense code. The remaining bits are the notify reason from the NOTIFY RU or the RPL return code (RPLRTNCD) from the VTAM acquire request.
- **2:** The reason code, from the NOTIFY RU (notify) or RPLFDB2 (acquire).
- **3,4:** The sense code. This is from the NOTIFY RU for notify or from RPLFDBK2/RPLUSNSI for acquire.

The NOTIFY request unit is described in *tIBM z/OS Communications Server SNA Programming*, under "NSEXIT Exit Routine"

System action

None.

User response

Refer to the appropriate IBM z/OS Communications Server manual for the meaning of the sense code provided in bytes 3 and 4 of *rcfb* and correct the problem.

Message Type

INFO

KLVVT501 **INITIALIZATION MEMBER**
KLVINVPO NOT AVAILABLE

Explanation

Member KLVINVPO in the initialization library was not available at startup time.

System action

The VTAM programmed operator facility (VPO) is unavailable.

User response

If use of this facility is desired, define member KLVINVPO in the initialization library and restart TMS:Engine.

Message Type

LOG

KLVVT503 **INITIALIZATION MEMBER**
KLVINVPO IS EMPTY

Explanation

Member KLVINVPO in the initialization library is empty.

System action

The VPO facility is unavailable.

User response

If use of this facility is desired, update member KLVINVPO and restart TMS:Engine.

Message Type

WARNING

KLVVT505 **VPO SHOWCB ERROR: R15(r15)
R0(r0)**

Explanation

An error was detected upon execution of an z/OS SHOWCB macro instruction.

System action

The TMS:Engine programmed operator facility (VPO) is unavailable.

User response

Consult *IBM z/OS Communications Server SNA Programming* to determine the cause of the error and take appropriate corrective action.

Message Type

WARNING

KLVVT506 **VPO ACB GENERATION ERROR:
R15(r15) R0(r0)**

Explanation

An error was detected upon execution of an z/OS GENCB macro instruction.

System action

The TMS:Engine programmed operator facility (VPO) is unavailable.

User response

Consult *IBM z/OS Communications Server SNA Programming* to determine the cause of the error and take appropriate corrective action. The error is in reference to the VPO ACB defined in initialization library member KLVINVPO.

Message Type

WARNING

KLVVT507 **UNABLE TO OPEN VPO ACB:
R15(r15) ACBERFLG(acberflg)
APPLID(applid)**

Explanation

An error was detected upon execution of an z/OS OPEN macro instruction for the VPO ACB.

System action

The TMS:Engine programmed operator facility (VPO) is unavailable.

User response

Consult the *IBM z/OS Communications Server SNA Programming* to determine the cause of the error and take appropriate corrective action.

Message Type

WARNING

KLVVT508 **VPO RPL GENERATION ERROR:
R15(r15) R0(r0)**

Explanation

An error was detected upon execution of an z/OS GENCB macro instruction.

System action

The TMS:Engine programmed operator facility (VPO) is unavailable.

User response

Consult *IBM z/OS Communications Server SNA Programming* to determine the cause of the error and take appropriate corrective action.

Message Type

WARNING

KLVVT509 **VPO APPLID IS NOT
AUTHORIZED AS A PROGRAM
OPERATOR: APPLID(applid)
RPLRTNCD(rplrtncd)
RPLFDB2(rplfdb2)**

Explanation

A DISPLAY NET,MAJNODES command was issued but the VPO applid was not authorized to issue VTAM commands. The most probable cause is the absence of the SPO parameter on the APPL definition.

System action

The TMS:Engine programmed operator facility (VPO) is unavailable.

User response

Consult the *IBM z/OS Communications Server SNA Programming* to determine the cause of the error and take appropriate corrective action.

Message Type

WARNING

KLVVT510 **UNABLE TO INITIALIZE VPO
RESOURCE ID: APPLID(*applid*)**

Explanation

An unsuccessful attempt was made to identify the VTAM program operator to the TMS:Engine logical resource manager.

System action

The VPO facility is unavailable.

User response

Contact IBM Software Support.

Message Type

WARNING

KLVVT511 **VPO INITIALIZATION COMPLETE:
APPLID(*applid*)**

Explanation

VPO initialization has completed successfully.

System action

None.

User response

None.

Message Type

INFO

KLVVT512 **KLVINVPO RKANPAR
PARAMETERS:**

Explanation

Module KLVINVPO logs its startup parameters as they are read from RKANPAR. This is the header message and will be followed by message KLVVT513.

System action

None.

User response

None.

Message Type

LOG

KLVVT513 *parameters*

Explanation

As the parameters in module KLVINVPO are read, a log audit trail is created.

System action

None.

User response

None.

Message Type

LOG

KLVVT601 **VTAM MAXIMUM PHYSICAL
ERROR COUNT IS *nnnn* [WAS
nnnn]**

Explanation

The maximum error count has been changed by the CHANGE ERPCOUNT command.

System action

Processing continues.

User response

None.

Message Type

INFO

KLVVT602 **VTAM PUBLIC VECTOR NOT
INITIALIZED**

Explanation

A CHANGE ERPCOUNT command was entered but the system is unable to locate the VTAM public vector table.

System action

The CHANGE ERPCOUNT command is ignored.

User response

Contact IBM Software Support.

Message Type

INFO

KLVVT851	UNSUPPORTED FUNCTION MANAGEMENT PROFILE: LU(<i>luname</i>) FMPROF(<i>prof</i>)
-----------------	---

Explanation

The function management profile *prof* is unsupported.

System action

The session terminates.

User response

Logical units with this FM profile cannot establish sessions with TMS:Engine. Consult the *z/OS Communications Server SNA Programmer's LU 6.2 Reference* for more information on FM profiles and bind parameters.

Message Type

LOG, WARNING, VIEW

KLVVT852	UNSUPPORTED TRANSMISSION SERVICES PROFILE: LU(<i>luname</i>) TSPROF(<i>prof</i>)
-----------------	---

Explanation

The transmission services profile *prof* is unsupported.

System action

The session terminates.

User response

Logical units with this TS profile cannot establish sessions with TMS:Engine. Refer to *z/OS Communications Server SNA Programmer's LU 6.2 Reference* for more information on TS profiles and bind parameters.

Message Type

LOG, WARNING, VIEW

KLVVT853	UNSUPPORTED LUTYPE: LU(<i>luname</i>) LUTYPE(<i>lutype</i>)
-----------------	--

Explanation

An attempt to establish a session with *luname* is rejected because the type of logical unit is not supported.

System action

The session is terminated.

User response

None

Message Type

LOG, WARNING, VIEW

KLVVT901	ABNORMAL RECEIVE TERMINATION RTNCD(<i>rplrtncd</i>) FDB2(<i>rplfdb2</i>) SSEI(<i>rplssei</i>) SSMI(<i>rplssmi</i>) USNSI(<i>rplusnsi</i>) ACB(<i>acb</i>) LU(<i>lu</i>)
-----------------	--

Explanation

TMS:Engine was unable to determine the correct action to take in response to an exception request.

System action

The session terminates.

User response

If the reason for the error cannot be determined from the information supplied and the error persists, contact IBM Software Support.

Message Type

REPLY

KLVVT902	INBOUND MESSAGE LIMIT EXCEEDED LU(<i>luname</i>) SESSION CANCELLED
-----------------	---

Explanation

The limit of inbound messages received either from application or physical terminal *luname* is exceeded.

System action

The session for the application/terminal is terminated.

User response

Examine initialization parameter INBDLIM. Contact the application or terminal vendor and increase the limit if appropriate.

Message Type

ALERT

KLVVT903 **INBOUND CHAIN ELEMENT LIMIT
EXCEEDED LU(*luname*) SESSION
CANCELLED**

Explanation

The limit of SNA chain elements per chain received either from application or physical terminal luname is exceeded.

System action

The session for the application/terminal is terminated.

User response

Examine initialization parameter INBCHAINLIM. Contact the application or terminal vendor and increase the limit if appropriate.

Message Type

ALERT

KLVVT904 **INBOUND MESSAGE SIZE LIMIT
EXCEEDED LU(*luname*) SESSION
CANCELLED**

Explanation

The inbound message size received from application or physical terminal luname is greater than 524,288 bytes.

System action

The session for the application/terminal is terminated.

User response

Contact the application or terminal vendor.

Message Type

ALERT

KLVVT951 **VIRTUAL SESSION MANAGER
INITIALIZED, TIMEOUT=*tt*,
RETRY=*rr***

Explanation

This message is logged to create an audit trail when the virtual session manager has been successfully initialized. TIMEOUT refers to the virtual session establishment timeout specified in RKANPAR member KLVINVSM or the default value. RETRY refers to the number of times TMS:Engine will retry the TIMEOUT interval.

System action

None.

User response

None.

Message Type

INFO

KLVVT952 **KLVINVSM RKANPAR
PARAMETERS:**

Explanation

Module KLVINVSM logs its startup parameters as they are read from RKANPAR. This is the header message and will be followed by message KLVVT953.

System action

None.

User response

None.

Message Type

LOG

KLVVT953 *parameters*

Explanation

As the parameters in module KLVINVSM are read, a log audit trail is created.

System action

None.

User response

None.

Message Type

LOG

KLVXC001 **XCF MESSAGE TOO LONG,
MESSAGE DISCARDED**

Explanation

An XCF message has been received, but not enough storage is available to allocate a buffer to receive it.

System action

The message is discarded.

User response

None.

Message Type

ERROR

KLX messages

The messages that begin with the KLX prefix are associated with the Tivoli Enterprise Monitoring Server or Tivoli Management Services:Engine (TMS:Engine).

KLXCP001 **WAITING FOR TCP/IP TO
INITIALIZE**

Explanation

After the TCP/IP interface was successfully initialized, the TCP/IP address space is no longer active (perhaps it is being recycled). This message appears both in the log and on the system console.

System action

No further use of TCP/IP for communications is possible until the address space is restarted. When TCP/IP is restarted, this message is removed from the system console.

User response

Restart the TCP/IP address space if processing is to continue.

Message Type

INFO

KLXIN001 **TCP/IP CONFIGURATION: <content
of member>**

Explanation

The member KLXINTCP is the configuration member of RKANPAR that is used to configure the IBM TCP/IP interface. This message displays in the content of member KLXINTCP.

System action

The process continues.

User response

None. This message is informational.

Message Type

VIEW

KLXIN002 **SYNTAX ERROR - *msg: text***

Explanation

The KLXINTCP configuration member of RKANPAR is invalid. The syntax error is displayed in this message.

System action

Initialization of the TCP/IP interface fails and the application continues with no access to TCP/IP.

User response

Correct the KLXINTCP configuration member of RKANPAR and restart the product.

Message Type

WARN

KLXIN003 **TCP/IP INTERFACE INITIALIZED**

Explanation

Initialization of the TCP/IP protocol stack has completed successfully.

System action

The process continues.

User response

This message is informational.

Message Type

LOG

**KLXIN004 TCP/IP INTERFACE NOT OPENED:
RC(nnnn)**

Explanation

Allocation and initialization of the TCP/IP interface has failed.

System action

TCP/IP access is not available to the application.

User response

Gather relevant logs and submit them to IBM Software Support.

Message Type

WARN

**KLXIN005 TCP/IP INTERFACE
INITIALIZATION BYPASSED**

Explanation

Initialization of the TCP/IP protocol is bypassed: configuration member KLXINTCP is not present in RKANPAR.

Note that this is not necessarily an error.

System action

The application continues without TCP/IP access.

User response

This message is informational.

Message Type

INFO

**KLXIN009 SOCKET INTERFACE TO *tcpipname*
UNAVAILABLE: <RC(nnnn)
ERRNO(nnnn)>**

Explanation

This message indicates that the TCP/IP interface has failed to initialize. The resulting return code and errno should be examined for the cause of failure. Refer to the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and*

Reference (SC31-8788) for an explanation of the return codes and errnos.

System action

TCP/IP access is not available to the application.

User response

Make sure the KLXINTCP member of RKANPAR contains the correct TCP/IP stack identifier.

Message Type

WARN

**KLXOP001 UNRECOGNIZED SUBCOMMAND:
<unrecognized subcommand>**

Explanation

The LBDAEMON operator command failed. The subcommand is not recognized.

System action

The LBDAEMON operator command is ignored.

User response

Correct the command and re-enter.

Message Type

ERROR

**KLXOP002 UNRECOGNIZED DAEMON ID:
<daemon name>**

Explanation

The LBDAEMON START operator command failed because the requested daemon is not valid.

System action

The LBDAEMON START command is ignored.

User response

Correct the daemon name/ID and retry the LBDAEMON operator command.

Message Type

ERROR

**KLXOP003 DAEMON NOT AVAILABLE:
<daemon>**

Explanation

The LBDAEMON command HAS failed because the requested daemon is not available.

System action

The LBDAEMON operator command is ignored.

User response

This is an unusual condition. Gather relevant logs and report the problem to IBM Software Support.

Message Type

ERROR

KLXOP004 DAEMON STARTED: <daemon>

Explanation

The LBDAEMON START command has completed successfully.

System action

The requested DAEMON is started.

User response

None.

Message Type

ERROR

KLXOP010 eeeeeeeeeeeeeeeee ccccccccccccccc

Explanation

A syntax error eeeeeeeeeeeeeeeee was countered while processing an IPMVS command.

System action

The command is ignored.

User response

Correct the syntax error and re-enter the command, if required.

Message Type

ERROR

KLXOP011 TCP/IP NOT AVAILABLE

Explanation

An IPMVS command was entered, but the TCP/IP interface has not been initialized.

System action

The command is ignored.

User response

Configure the TCP/IP interface and restart IBM Tivoli Monitoring.

Message Type

ERROR

KLXOP012 TCP/IP subcommand NOT RECOGNIZED: subcommand

Explanation

The IPMVS command specifies a subcommand which is not recognized.

System action

The command is ignored.

User response

Re-enter the IPMVS command, specifying a valid subcommand.

Message Type

ERROR

KLXOP013 TCP/IP subcommand FAILED: RC(nnnn)

Explanation

The indicated IPMVS subcommand failed with return code nnnn.

System action

Processing continues.

User response

None.

Message Type

ERROR

KLXOP014 TCP/IP subcommand COMPLETED

Explanation

The indicated IPMVS subcommand completed successfully.

System action

Processing continues.

User response

None.

Message Type

REPLY

KLXOP015 *nnnn* HOSTNAME: *hostname*

Explanation

An IPMVS HOSTNAME or CONNECT command was issued. The return code from the GETHOSTNAME macro is *nnnn* and the hostname is *hostname*.

System action

Processing continues.

User response

None.

Message Type

REPLY

KMV messages

The messages that begin with the KMV prefix are associated with OMEGAVIEW.

KMVCCC001E **UNABLE TO LOCATE KMVCCC
GLOBAL AREA**

Explanation

The KMVCCC global structure was not located.

System action

The current request is terminated.

User response

Contact IBM Software Support.

Message Type

Internal error.

KMVCCC002E **INVALID STATUS ITEM NAME IN
GETATTRIBUTE REQUEST**

Explanation

An invalid status item name was passed in a request to obtain initial attributes.

System action

The GetAttribute request is ignored.

User response

Contact IBM Software Support.

Message Type

Internal error.

KMVCCC003E **MANAGED OBJECT *object* NOT
FOUND**

Explanation

During a GetAttribute request, the specified object could not be located.

System action

The GetAttribute request is ignored.

User response

Contact IBM Software Support.

Message Type

Internal error.

KMVCCC004E **RULE FOR MANAGED OBJECT
object IS TOO LONG**

Explanation

While creating or updating the Status Data Manager (SDM) resources for the specified managed object, the SDM rule string became too long. This may be due to the number of children subordinate to the object.

System action

The SDM rule is not updated.

User response

Contact IBM Software Support.

Message Type

Internal error.

KMVCCC005E ENTERPRISE OBJECT NOT FOUND

Explanation

The KMVCCC Enterprise object was not located.

System action

The current request is terminated.

User response

Contact IBM Software Support.

Message Type

Internal error.

**KMVCCC006E ENTERPRISE OBJECT IS NOT
 VALID**

Explanation

The KMVCCC Enterprise object is not in a valid state.

System action

The current request is terminated.

User response

Contact IBM Software Support.

Message Type

Internal error.

**KMVCCC007I ERROR *return_code* WHILE
 CONNECTING TO HUB -- RETRY IN
 2 MINUTES**

Explanation

return_code was received while connecting to the Tivoli Enterprise Monitoring Server hub.

System action

The request will be retried in two minutes.

User response

Make sure the KDCSHOST and KDSENV configuration members are properly set up for locating the hub. If the problem persists, contact IBM Software Support.

Message Type

Internal error.

**KMVCCC008E INTERNAL THREAD DISPATCH
 ERROR**

Explanation

An error occurred while dispatching a thread.

System action

The current request is terminated.

User response

Contact IBM Software Support.

Message Type

Internal error.

**KMVCCC009E UNRECOVERABLE ERROR
 return_code WHILE CONNECTING
 TO HUB**

Explanation

return_code was received while connecting to the Tivoli Enterprise Monitoring Server hub.

System action

No further attempts will be made.

User response

Make sure the KDCSHOST and KDSENV configuration members are properly set up for locating the hub. If the problem persists, contact IBM Software Support.

Message Type

Internal error.

**KMVCCC010E UNABLE TO INITIALIZE KMVCCC
 SERVICE QUEUE**

Explanation

An error occurred while setting up the KMVCCC service queue.

System action

The current request is terminated.

User response

Contact IBM Software Support.

Message Type

Internal error.

**KMVCCC011E UNABLE TO INITIALIZE SDM
INTERFACE**

Explanation

An error occurred while setting up the interface to the Status Data Manager (SDM).

System action

The current request is terminated.

User response

Contact IBM Software Support.

Message Type

Internal error.

**KMVCCC012I EIB CHANGE THREAD SHUTTING
DOWN**

Explanation

The thread that monitors the Tivoli Enterprise Monitoring Server hub for changes to the enterprise, and the managed objects it contains, is shutting down.

System action

Processing continues.

User response

This message will most likely occur when the OMEGAVIEW region is shutting down. If it occurs at other times, examine the log for other error messages and contact IBM Software Support.

Message Type

Information.

**KMVCCC013I KMVCCC SERVICE THREAD
SHUTTING DOWN**

Explanation

The KMVCCC service thread is shutting down.

System action

Processing continues.

User response

This message will most likely occur when the OMEGAVIEW region is shutting down. If it occurs at other times, examine the log for other error messages and contact IBM Software Support.

Message Type

Information.

**KMVCCC014E UNABLE TO INITIALIZE NODE
STATUS THREAD**

Explanation

An error occurred while initializing the thread that monitors the Tivoli Enterprise Monitoring Server hub for changes in node status.

System action

The current request is terminated.

User response

Contact IBM Software Support.

Message Type

Internal error.

**KMVCCC015E UNABLE TO ATTACH NODE STATUS
THREAD**

Explanation

An error occurred while starting the thread that monitors the Tivoli Enterprise Monitoring Server hub for changes in node status.

System action

The current request is terminated.

User response

Contact IBM Software Support.

Message Type

Internal error.

**KMVCCC016E UNABLE TO INITIALIZE
SITUATION STATUS THREAD**

Explanation

An error occurred while initializing the thread that monitors the hub for changes in node status.

System action

The current request is terminated.

User response

Contact IBM Software Support.

Message Type

Internal error.

**KMVCCC017E UNABLE TO ATTACH SITUATION
STATUS THREAD**

Explanation

An error occurred while starting the thread that monitors the Tivoli Enterprise Monitoring Server hub for changes in node status.

System action

The current request is terminated.

User response

Contact IBM Software Support.

Message Type

Internal error.

**KMVCCC018E UNABLE TO INITIALIZE EIB
CHANGE THREAD**

Explanation

An error occurred while initializing the thread that monitors the Tivoli Enterprise Monitoring Server hub for changes in node status.

System action

The current request is terminated.

User response

Contact IBM Software Support.

Message Type

Internal error.

**KMVCCC019E UNABLE TO ATTACH EIB CHANGE
THREAD**

Explanation

An error occurred while starting the thread that monitors the Tivoli Enterprise Monitoring Server hub for changes in node status.

System action

The current request is terminated.

User response

Contact IBM Software Support.

Message Type

Internal error.

**KMVCCC021E ERROR return_code TRYING TO
ADD SITUATION EVENT**

Explanation

Return_code was received while processing a situation event.

System action

The current request is terminated.

User response

Contact IBM Software Support.

Message Type

Internal error.

**KMVCCC022E INVALID MANAGED OBJECT
DEFINITION, NO TEMPLATE**

Explanation

A managed object definition without a template specification was retrieved from the Tivoli Enterprise Monitoring Server hub.

System action

The current request is terminated.

User response

Contact IBM Software Support.

Message Type

Error.

KMVCCC023E NO SDM INTERFACE AVAILABLE

Explanation

There is no interface to the Status Data Manager (SDM).

System action

The current request is terminated.

User response

Contact IBM Software Support.

Message Type

Error.

**KMVCCC024E ERROR *return_code* TRYING TO
CREATE MESSAGE QUEUE**

Explanation

return_code was received while creating a message queue for internal communications.

System action

The current request is terminated.

User response

Contact IBM Software Support.

Message Type

Internal error.

**KMVCCC025E ERROR *return_code* TRYING TO
DESTROY MESSAGE QUEUE**

Explanation

return_code was received while deleting an internal communications message queue.

System action

The current request is terminated.

User response

Contact IBM Software Support.

Message Type

Internal error.

**KMVCCC026E ERROR *return_code* TRYING TO
ADD MESSAGE TO QUEUE**

Explanation

return_code was received while adding a message to an internal communications message queue.

System action

The current request is terminated.

User response

Contact IBM Software Support.

Message Type

Internal error.

**KMVCCC027E ERROR *return_code* TRYING TO
GET MESSAGE FROM QUEUE**

Explanation

return_code was received while getting a message from an internal communications message queue.

System action

The current request is terminated.

User response

Contact IBM Software Support.

Message Type

Internal error.

KMVCCC028I SHUTDOWN DETECTED

Explanation

Shutdown of the OMEGAVIEW address space has been detected.

System action

Shutdown continues and shutdown of the KMVCCC component is initiated.

User response

None.

Message Type

Information.

KMVCCC029	KMV_CCC ENVIRONMENT VARIABLE = <i>value</i> -- SUPPORT NOT ENABLED
------------------	---

Explanation

The KMVCCC environment is not enabled. When specifying OMEGAVIEW configuration values when you use the Configuration Software, the parameter **Display CCC Alerts?** was not specified as **Yes**. The KMV_CCC environment variable shows the value specified.

System action

Processing continues, but the KMVCCC component will not be activated.

User response

None.

Message Type

Information.

KMVCCC030E	UNABLE TO CREATE DIALOG ENVIRONMENT FOR KMVCCC SERVICE THREAD
-------------------	--

Explanation

An internal error occurred that will prevent the creation of the OMEGAVIEW panel to represent the enterprise.

System action

The current request is terminated.

User response

Contact IBM Software Support.

Message Type

Internal error.

KMVCCC031I	KMVCCC SUPPORT INITIALIZATION IS COMPLETE
-------------------	--

Explanation

The KMVCCC component is fully initialized.

System action

Processing continues.

User response

None.

Message Type

Confirmation.

KMVCCC032I	KMVCCC SHUTDOWN COMPLETE
-------------------	---------------------------------

Explanation

Shutdown of the KMVCCC component is complete.

System action

None.

User response

None.

Message Type

Confirmation.

KMVCCC033E	ERROR <i>return_code</i> WHILE FETCHING DATA FROM HUB
-------------------	--

Explanation

return_code was received while retrieving data from the Tivoli Enterprise Monitoring Server hub.

System action

The current request is terminated.

User response

Contact IBM Software Support.

Message Type

Internal error.

KMVCCC034E	ERROR <i>return_code</i> INITIALIZING THREAD ATTRIBUTE
-------------------	---

Explanation

return_code was received while initializing a thread attribute.

System action

The current request is terminated.

User response

Contact IBM Software Support.

Message Type

Internal error.

**KMVCCC035E ERROR *return_code* TRYING TO
CREATE NEW THREAD**

Explanation

return_code was received while creating a new thread.

System action

The current request is terminated.

User response

Contact IBM Software Support.

Message Type

Internal error.

**KMVCCC036E UNABLE TO ATTACH SDM SERVICE
THREAD**

Explanation

An error occurred while starting the Status Data Manager (SDM) service thread.

System action

The current request is terminated.

User response

Contact IBM Software Support.

Message Type

Internal error.

**KMVCCC037E UNABLE TO CREATE DIALOG
ENVIRONMENT FOR SDM SERVICE
THREAD**

Explanation

An internal error occurred that prevents the creation of the Status Data Manager (SDM) interface.

System action

The current request is terminated.

User response

Contact IBM Software Support.

Message Type

Internal error.

**KMVCCC038E ERROR *return_code* CREATING
NEW STATUS ITEM item**

Explanation

return_code was received while creating the specified status item.

System action

The current request is terminated.

User response

Contact IBM Software Support.

Message Type

Internal error.

**KMVCCC039E ERROR *return_code* OPENING
STATUS ITEM item**

Explanation

return_code was received while opening the specified status item.

System action

The current request is terminated.

User response

Contact IBM Software Support.

Message Type

Internal error.

**KMVCCC040E ERROR *return_code* EMITTING
VALUE TO ITEM item**

Explanation

return_code was received while emitting a value to the specified status item.

System action

The current request is terminated.

User response

Contact IBM Software Support.

Message Type

Internal error.

KMVCCC041E **ERROR *return_code* UPDATING
RULE FOR ITEM item**

Explanation

return_code was received while updating the rule for the specified status item.

System action

The current request is terminated.

User response

Contact IBM Software Support.

Message Type

Internal error.

KMVCCC042E **ERROR *return_code* CLOSING
STATUS ITEM item**

Explanation

return_code was received while closing the specified status item.

System action

The current request is terminated.

User response

Contact IBM Software Support.

Message Type

Internal error.

KMVCCC043E **ERROR *return_code* DESTROYING
STATUS ITEM item**

Explanation

return_code was received while deleting the specified status item.

System action

The current request is terminated.

User response

Contact IBM Software Support.

Message Type

Internal error.

KMVCCC044E **INVALID REQUEST *request_code*
RECEIVED BY SDM SERVICE**

Explanation

The Status Data Manager (SDM) service received an invalid request, *request_code*.

System action

The current request is terminated.

User response

Contact IBM Software Support.

Message Type

Internal error.

KMVCCC045E **INVALID REQUEST *request_code*
RECEIVED BY KMVCCC SERVICE**

Explanation

The KMVCCC service received an invalid request, *request_code*.

System action

The current request is terminated.

User response

Contact IBM Software Support.

Message Type

Internal error.

KMVCCC046E **ERROR *return_code* CREATING
SDM SESSION**

Explanation

return_code was received while trying to create the Status Data Manager (SDM) session.

System action

The current request is terminated.

User response

Contact IBM Software Support.

Message Type

Internal error.

KMVCCC047E UNABLE TO CREATE LOGICAL RESOURCE

Explanation

It was not possible to initialize a logical resource for use by the KMVCCC support component.

System action

The current request is terminated. Candle Command Center alerts will not be available.

User response

Contact IBM Software Support.

Message Type

Internal error.

KMVCCC048E UNABLE TO PROTECT LOGICAL RESOURCE

Explanation

It was not possible to protect the logical resource used by the KMVCCC support component.

System action

The current request is terminated. Candle Command Center alerts will not be available.

User response

Contact IBM Software Support.

Message Type

Internal error.

KMVCCC049E CONSTRUCTION OF SQL REQUEST OBJECT FAILED

Explanation

An SQL request object failed to initialize properly.

System action

The current request is terminated. Candle Command Center alerts will not be available.

User response

Contact IBM Software Support.

Message Type

Internal error.

KMVCCC050E ERROR *return_code* FROM SQL OPEN REQUEST

Explanation

return_code was received when opening an SQL request.

System action

The current request is terminated.

User response

Contact IBM Software Support.

Message Type

Internal error.

KMVCCC051E ERROR *return_code* FROM SQL FETCH REQUEST

Explanation

return_code was received when fetching rows from an SQL request.

System action

The current request is terminated.

User response

Contact IBM Software Support.

Message Type

Internal error.

**KMVCCC052E UNABLE TO LOCATE object
MANAGED OBJECT**

Explanation

It was not possible to locate the specified managed object while fetching initial attributes.

System action

The current request is terminated.

User response

Contact IBM Software Support.

Message Type

Internal error.

**KMVCCC053E NO CHILDREN FOUND FOR THE
ENTERPRISE**

Explanation

While constructing the initial view of the Candle Command Center Enterprise, no subordinate managed objects were found.

System action

The current request is terminated. Candle Command Center alerts will not be available.

User response

Contact IBM Software Support.

Message Type

Internal error.

**KMVCCC054E ABEND DETECTED IN THREAD
ROUTINE**

Explanation

An abend was detected in a thread routine.

System action

The thread is terminated.

User response

Contact IBM Software Support.

Message Type

Internal error.

**KMVCCC055E ERROR *return_code* TRYING TO
SUBMIT SDM SERVICE REQUEST**

Explanation

An error was encountered while submitting a request to the Status Data Manager (SDM) server.

System action

The current request is ignored.

User response

Contact IBM Software Support.

Message Type

Internal error.

**KMVCCC056E ERROR *return_code* TRYING TO
ADD ROW TO EVENTS TABLE**

Explanation

An error was encountered while adding a row to the events table for a managed object.

System action

The current request is ignored.

User response

Contact IBM Software Support.

Message Type

Internal error.

**KMVCCC057E ERROR *return_code* TRYING TO
OPEN THE EVENTS TABLE**

Explanation

An error was encountered while opening the event table for a managed object.

System action

The current request is ignored.

User response

Contact IBM Software Support.

Message Type

Internal error.

KMVCCC058E UNABLE TO LOCATE EVENT FOR
SITUATION *situation_name* ON
NODE *node_name*

Explanation

No event entry could be found for the specified situation/node combination while fetching initial attributes.

System action

The current request is ignored.

User response

Contact IBM Software Support.

Message Type

Internal error.

KMVCCC059W ATTRIBUTE NAME TRANSLATION
CANNOT BE PERFORMED

Explanation

The attribute dictionary is unavailable to perform attribute name translation while fetching initial attributes for a situation event.

System action

The attribute display will show the untranslated column names.

User response

Examine TLVLOG for messages during start-up that might explain why the attribute dictionary was not built.

Message Type

Internal error.

KMVCCC060E ERROR *return_code* TRYING TO
TRANSLATE ATTRIBUTE NAME *attr*

Explanation

An error occurred while translating the specified attribute.

System action

The attribute display will show the untranslated column name.

User response

Contact IBM Software Support.

Message Type

Internal error.

KMVCCC100E UNABLE TO OPEN DDNAME
RKANDATV OPENDIR

Explanation

An error occurred when opening the directory for the partitioned data set allocated to ddname RKANDATV.

System action

Processing of ddname RKANDATV is terminated. Candle Command Center alerts will not be available.

User response

Check the RKANDATV DD statement in the OMEGAVIEW started task JCL. Verify that the proper runtime data set is allocated and that security authorization for read access is granted to the OMEGAVIEW started task.

Message Type

User error.

KMVCCC101I READDIR ERROR RC=*nnn*

Explanation

An error or end of directory condition was detected when reading the directory of the partitioned data set allocated to ddname RKANDATV. *nnn* is the numeric return code issued by the internal I/O service routine.

System action

Processing of ddname RKANDATV continues.

User response

None.

Message Type

Information.

**KMVCCC102E OPENFILE ERROR ON
RKANDATV(member) RC=rc****Explanation**

An error occurred while opening the specified member of the partitioned data set allocated to ddname RKANDATV. Rc is the return code issued by the internal I/O service routine.

System action

Processing of ddname RKANDATV is terminated. Candle Command Center alerts will not be available.

User response

Check the RKANDATV DD statement in the OMEGAVIEW started task JCL. Verify that the proper runtime data set is allocated and that security authorization for read access is granted to the OMEGAVIEW started task. Also ensure that the data set directory is not corrupted and the data set was not being updated while OMEGAVIEW was reading it.

Message Type

User error.

**KMVCCC103I RKANDATV(member)
RECORD=data****Explanation**

An input record was successfully read from the specified member of the RKANDATV data set. Data shows the contents of the record fetched from the RKANDATV member.

System action

Processing of the RKANDATV DDNAME continues.

User response

None.

Message Type

Information.

KMVCCC104I RKANDATV(member) state**Explanation**

A parser state changed after processing an input record read from the RKANDATV data set. *member* is the member name from which the record was read.

state is the state entered after parsing the new input record.

System action

Processing of ddname RKANDATV continues.

User response

None.

Message Type

Information.

**KMVCCC105W DUPLICATE COLUMN=colname
FOR ATTRIBUTE=attrname IN
RKANDATV(member) LINE=nnn****Explanation**

A duplicate entry for an existing attribute was found. *colname* is the column name. *attrname* is the attribute name. *member* is the member where the duplicate entry was found. *nnn* is the record number within the member.

System action

The duplicate entry is ignored and processing continues.

User response

None.

Message Type

Internal warning.

**KMVCCC106I ATTRIBUTE CREATED FOR
COLUMN=colname****Explanation**

A new attribute definition entry was successfully added to the attribute dictionary. *colname* is the column name associated with the new dictionary entry.

System action

Processing of the ddname RKANDATV continues.

User response

None.

Message Type

Confirmation.

KMVCCC107I RKANDATV(*member*) tag=*value*

Explanation

An attribute definition value was successfully parsed from the current input record read from the RKANDATV data set. *member* is the member name from which the value was parsed. Tag is the type of data found in the input record. Value is the value of the data parsed from the input record.

System action

Processing of ddname RKANDATV continues.

User response

None.

Message Type

Confirmation.

KMVCCC108I RKANDATV(*member*) tag=*nnn*

Explanation

An attribute definition value was successfully parsed from the current input record read from the RKANDATV data set. *member* is the member name from which the value was parsed. Tag is the type of data found in the input record. *nnn* is the numeric value parsed from the input record.

System action

Processing of ddname RKANDATV continues.

User response

None.

Message Type

Confirmation.

KMVCCC109W DUPLICATE VALI=*input*
FOR VALE=*output* IN
RKANDATV(*member*) LINE=*nnn*

Explanation

A duplicate entry for an attribute translation value was found. *input* and *output* are the input and output translation values. *member* is where the duplicate

entry was found. The record number within the member is *nnn*.

System action

The duplicate entry is ignored and processing continues.

User response

None.

Message Type

Internal warning.

KMVCCC110I ENUM ENTRY CREATED FOR
VALI=*input* VALE=*output*

Explanation

A new attribute translation entry was successfully added to the translation table for an attribute. *input* and *output* are the input and output translation values.

System action

Processing of ddname RKANDATV continues.

User response

None.

Message Type

Information.

KMVCCC111E UNABLE TO ALLOCATE ATTRIBUTE
ENTRY

Explanation

Storage allocation for a new attribute dictionary entry has failed.

System action

Processing continues to the next attribute definition entry in the current member of the RKANDATV data set.

User response

A low storage condition can be the cause of this error. Increase the address space virtual storage region or other storage tuning limits for the OMEGAVIEW address space. Contact IBM Software Support if storage limits cannot be increased.

Message Type

Internal error.

KMVCCC112E UNABLE TO CREATE COLUMN
KEY=*table.colname*

Explanation

An error occurred while allocating storage for an attribute dictionary key. *Table* is the name of the table and *colname* is the column name of the attribute key.

System action

Processing continues to the next attribute definition entry in the current member of the RKANDATV data set.

User response

A low storage condition can be the cause of this error. Increase the address space virtual storage region or other storage tuning limits for the OMEGAVIEW address space. If storage limits cannot be increased, contact IBM Software Support.

Message Type

Internal error.

KMVCCC118E ERROR *return_code* ADDING ROW
TO TABLE *table*

Explanation

An error was encountered while adding a row to the table.

System action

The current request is ignored.

User response

Contact IBM Software Support.

Message Type

Internal error.

KMVCCC119E ERROR *return_code* OPENING
TABLE *table*

Explanation

An error was encountered while opening the table.

System action

The current request is ignored.

User response

Contact IBM Software Support.

Message Type

Internal error.

KMVCCC120W DUPLICATE ATTRIBUTE=*attrname*
FOR COLUMN=*colname*

Explanation

A duplicate entry for an existing attribute was found for the named column and attribute.

System action

The duplicate entry is ignored and processing continues.

User response

None.

Message Type

Internal warning.

KMVCCC121E UNABLE TO CREATE
ATTRIBUTE=*attrname*

Explanation

An error occurred while allocating attribute dictionary entry storage for the named attribute.

System action

Processing continues to the next attribute definition entry in the current member of the RKANDATV data set.

User response

A low storage condition can cause this error. Increase the address space virtual storage region or other storage tuning limits for the OMEGAVIEW address space. If storage limits cannot be increased, contact IBM Software Support.

Message Type

Internal error.

KMVCCC122I **ENTRY CREATED FOR
ATTRIBUTE=*attrname***

Explanation

A new attribute definition entry was successfully added to the attribute dictionary. *attrname* is the attribute name associated with the dictionary entry.

System action

Processing of the ddname RKANDATV continues.

User response

None.

Message Type

Confirmation

Explanation

An error occurred while allocating storage for a node status object.

System action

Processing continues.

User response

A low storage condition can cause this error. Increase the address space virtual storage region or other storage tuning limits for the OMEGAVIEW address space. If storage limits cannot be increased, contact IBM Software Support.

Message Type

Internal error.

KMVCCC123E **UNABLE TO LOCATE SITUATION:
*sitname***

Explanation

The named situation could not be found.

System action

The current request is ignored.

User response

Contact IBM Software Support.

Message Type

Internal error.

KMVCCC126E **UNABLE TO ALLOCATE ATTRIBUTE
ENUMERATION**

Explanation

An error occurred while allocating storage for an attribute enumeration list.

System action

Processing continues.

User response

A low storage condition can cause this error. Increase the address space virtual storage region or other storage tuning limits for the OMEGAVIEW address space. If storage limits cannot be increased, contact IBM Software Support.

Message Type

Internal error.

KMVCCC124E **ERROR *return_code* ADDING ROW
TO NODE DISPLAY TABLE**

Explanation

An error was encountered while adding a row to the table.

User response

Contact IBM Software Support.

Message Type

Internal error.

KMVCCC127E **UNABLE TO ALLOCATE COMMAND
NODE ENTRY**

Explanation

An error occurred while allocating storage for a command node entry.

Explanation

A low storage condition can cause this error. Increase the address space virtual storage region or other storage tuning limits for the OMEGAVIEW address

KMVCCC125E **UNABLE TO ALLOCATE NODE
STATUS**

space. If storage limits cannot be increased, contact IBM Software Support.

System action

Processing continues.

Message Type

Internal error.

KMVCCC128E UNABLE TO ALLOCATE NODE LIST

Explanation

An error occurred while allocating storage for a node list.

System action

Processing continues.

User response

A low storage condition can cause this error. Increase the address space virtual storage region or other storage tuning limits for the OMEGAVIEW address space. If storage limits cannot be increased, contact IBM Software Support.

Message Type

Internal error.

KMVCCC130E CONNECTION TO TEMS UNAVAILABLE

Explanation

An attempt to access data from a Tivoli Enterprise Monitoring Server has failed because the communication link between OMEGAVIEW and the Tivoli Enterprise Monitoring Server address space has failed.

System action

CCC/3270 operations indicate that no data was available for the requested function and panels display no data.

User response

Determine why the Tivoli Enterprise Monitoring Server connection has failed.

Message Type

Error.

KMVCCC131E ALLTYPE *type* NOT SUPPORTED

Explanation

An attempt to access a console from CCC/3270 has failed because the type of object used to determine the list of associated consoles could not be determined or is not one of those supported. The invalid object type is indicated by *type*.

Explanation

Contact IBM Software Support.

System action

The access console operation ends in error and no consoles are displayed or selectable.

Message Type

Internal error.

KMVCCC132E ERROR *rc* TRYING TO ADD ROW TO TEMP CONSOLE TABLE

Explanation

An attempt to add a new row to an internal console table has failed, where *rc* is the error return code issued by table add services.

System action

The access console operation ends in error and no consoles are displayed or selectable.

User response

Contact IBM Software Support.

Message Type

Internal error.

KMVCCC133E ERROR *rc* TRYING TO OPEN THE TEMP CONSOLE TABLE

Explanation

An attempt to create a temporary internal console table has failed, where *rc* is the error return code issued by table creation services.

Explanation

Contact IBM Software Support.

System action

The access console operation ends in error and no consoles are displayed or selectable.

Message Type

Internal error.

KMVCCC134E UNABLE TO ALLOCATE MANAGED SYSTEM LIST FOR *objname*

Explanation

An attempt to allocate storage for the list of managed systems has failed. The error can occur when storage shortages occur in the OMEGAVIEW address space. *objname* is the object associated with the managed system list.

System action

The access console operation ends in error and no consoles are displayed or selectable.

User response

Contact IBM Software Support.

Message Type

Internal error.

KMVCCC135W NO MANAGED SYSTEMS FOUND FOR *moname*

Explanation

An attempt to determine the managed systems list for a selected managed object has failed. A null list of

managed systems was defined for the managed object indicated by *moname*.

System action

The access console operation ends in error and no consoles are displayed or selectable.

User response

Update the managed object by locating the managed object in the Candle Management Workstation Enterprise container and then selecting Settings.

Message Type

Warning.

KMVCCC150E Error processing predicate: *pdt*

Explanation

An error occurred processing the situation predicate.

System action

The user is prevented from editing the situation.

User response

Use the Candle Management Workstation editor to determine the nature of the error.

Message Type

Error.

KOB messages

Messages that begin with the KOB prefix are associated with the OMEGAMON Enhanced 3270 User Interface, which is part of the OMEGAMON Base component; Parameter Generator (PARMGEN); or Configuration Manager.

- Messages for the OMEGAMON Enhanced 3270 User Interface:
 - [“KOBK – KOBO messages” on page 279](#)
 - [“KOBK – KOBK messages” on page 328](#)
- Messages for Parameter Generator (PARMGEN) or Configuration Manager:
 - [“KOBK messages” on page 324](#)

KOBK – KOBO messages

These messages are associated with the OMEGAMON Enhanced 3270 User Interface, which is part of the OMEGAMON Base component. By default, trace and error logs are created in SYSPRINT. (An alternate log

location may have been specified, using standard JCL services.) Most of the messages are prefixed by a timestamp and thread ID.

KOBC0000E **Unable to locate an important internal control block. Contact IBM technical support.**

Explanation:

The address space cannot continue to process because of an internal error that resulted in the inability to find an internal control block.

System action:

The address space terminates.

User response:

Try one time to restart the address space. If the attempt fails, collect dump and log information and contact IBM Software Support.

KOBC00001E **Job or system level memory limit (MEMLIMIT) exceeded.**

Explanation:

z/OS has refused a request for virtual storage for this address space step. The reason information returned by z/OS indicates that the request would have exceeded the MEMLIMIT value for the step.

System action:

The address space continues, but may not function correctly.

User response:

Verify that MEMLIMIT=NOLIMIT is coded on the address space EXEC statement within the started task or job JCL, or increase the step EXEC MEMLIMIT value. (See the documentation for SYS1.PARMLIB member SMFPRMxx, or the *z/OS JCL Reference* for an explanation of MEMLIMIT.)

KOBC00002E **Error attempting key change. This step must be APF authorized.**

Explanation:

This program requires APF authorization.

System action:

The address space is terminated.

User response:

Ensure that all libraries concatenated as part of the STEPLIB DD (in the JCL) are APF authorized.

KOBC00003E **Must be APF authorized.**

Explanation:

This program requires APF authorization.

System action:

The address space is terminated.

User response:

Ensure that all libraries concatenated as part of the STEPLIB DD (in the JCL) are APF authorized.

KOBC00004E **Job or system level memory limit (MEMLIMIT) exceeded.**

Explanation:

z/OS has refused a request for virtual storage for this address space step. The reason information returned by z/OS indicates that the request would have exceeded the MEMLIMIT value for the step.

System action:

The address space continues, but may not function correctly.

User response:

Verify that MEMLIMIT=NOLIMIT is coded on the address space EXEC statement within the started task or job JCL, or increase the step EXEC MEMLIMIT value. (See the documentation for SYS1.PARMLIB member SMFPRMxx, or the *z/OS JCL Reference* for an explanation of MEMLIMIT.)

KOBC00004I **reserved for later use**

KOBC00005I **reserved for later use**

KOBC00006E **Unable to create recovery environment. Thread terminates.**

Explanation:

The thread management functions were unable to establish a recovery environment during thread creation.

System action:

The new thread is not created.

User response:

Collect dump, trace, and system log data. Report the problem to IBM Software Support.

KOBC00007E **Freeing of lock failed in kob_TCB_Thread_Base(), rc=return_code, errno=error_number, rsno=error_reason.**

Explanation:

The thread management functions were unable to free a lock during thread creation, for the reasons indicated in the message.

System action:

The new thread is not created.

User response:

Collect dump, trace, and system log data. Report the problem to IBM Software Support.

KOBC00008E **Sib-lock build failure in pthread_create(). rc=n, errno=x, rsno=y.**

Explanation:

The thread management functions were unable to build a lock during thread creation, for the reasons indicated in the message.

System action:

The new thread is not created.

User response:

Collect dump, trace, and system log data. Report the problem to IBM Software Support.

KOBC00009E Sib-lock failure in pthread_create(). rc=*n*, errno=*x*, rsno=*y*.

Explanation:

The thread management functions were unable to obtain a lock during thread creation, for the reasons indicated in the message.

System action:

The new thread is not created.

User response:

Collect dump, trace, and system log data. Report the problem to IBM Software Support.

KOBC00010E Sib-unlock failure in pthread_create(). rc=*n*, errno=*x*, rsno=*y*.

Explanation:

The thread management functions were unable to free a lock during thread creation, for the reasons indicated in the message.

System action:

The address space terminates.

User response:

Collect dump, trace, and system log data. Report the problem to IBM Software Support.

KOBC00011E Sib-lock failure in pthread_detach(). rc=*n*, errno=*x*, rsno=*y*.

Explanation:

The thread management functions were unable to free a lock during thread detach, for the reasons indicated in the message.

System action:

The thread terminates.

User response:

Collect dump, trace, and system log data. Report the problem to IBM Software Support.

KOBC00012E Lock release failure in pthread_detach(). rc=*n*, errno=*x*, rsno=*y*.

Explanation:

The thread management functions were unable to release locking resources during thread detach, for the reasons indicated in the message.

System action:

The thread terminates.

User response:

Collect dump, trace, and system log data. Report the problem to IBM Software Support.

KOBC00013E Child not found in pthread_detach() of %016IX.

Explanation:

The detachment of a created thread was requested, but the thread was found to be already detached.

System action:

The thread terminates.

User response:

Collect dump, trace, and system log data. Report the problem to IBM Software Support.

KOBC00014E Sib-unlock failure in pthread_detach(). rc=*n*, errno=*x*, rsno=*y*.

Explanation:

The thread management functions were unable to free a lock during thread detach.

System action:

The address space terminates.

User response:

Collect dump, trace, and system log data. Report the problem to IBM Software Support.

KOBC00015E Lock build failure in pthread_create(). rc=*return_code*, errno=*error_number*, rsno=*error_reason*.

Explanation:

The thread management functions were unable to build a lock during thread create.

System action:

The new thread is not created.

User response:

Collect dump, trace, and system log data. Report the problem to IBM Software Support.

KOBC00016E Lock obtain failure in pthread_create(). rc=*return_code*, errno=*error_number*, rsno=*error_reason*.

Explanation:

The thread management functions were unable to obtain a lock during thread create.

System action:

The thread terminates.

User response:

Collect dump, trace, and system log data. Report the problem to IBM Software Support.

KOBC00017E **Add2Sibling Chain failure in pthread_create(). rc=n, errno=x, rsno=y.**

Explanation:

The thread management functions were unable to update internal linkages to add a new thread.

System action:

The thread terminates.

User response:

Collect dump, trace, and system log data. Report the problem to IBM Software Support.

KOBC00018E **pthread_create() failure. rc=n, errno=error_code, rsno=error_reason.**

Explanation:

The thread management functions were unable to create a new thread.

System action:

The thread terminates.

User response:

Collect dump, trace, and system log data. Report the problem to IBM Software Support.

KOBC00019E **lock cleanup failure in pthread_create(). rc=return_code, errno=error_number, rsno=error_reason.**

Explanation:

The thread management functions were unable to clean up a lock during thread creation.

System action:

The thread terminates.

User response:

Collect dump, trace, and system log data. Report the problem to IBM Software Support.

KOBC00020E **Sibling cleanup failure in pthread_create(). rc=n, errno=x, rsno=y.**

Explanation:

The thread management functions were unable to insert a sibling thread during thread create.

System action:

The thread terminates.

User response:

Collect dump, trace, and system log data. Report the problem to IBM Software Support.

KOBC00021E **Lock destroy failure in pthread_detach(). rc=n, errno=x, rsno=y.**

Explanation:

The thread management functions were unable to clean up a lock during thread detach.

System action:

The thread terminates.

User response:

Collect dump, trace, and system log data. Report the problem to IBM Software Support.

KOBC00022E **Child cleanup failed in pthread_detach(). rc=return_code, errno=error_number, rsno=error_reason.**

Explanation:

The thread management functions were unable to remove a sub-thread during thread detach.

System action:

The thread terminates.

User response:

Collect dump, trace, and system log data. Report the problem to IBM Software Support.

KOBC00023E **Unable to obtain thread end lock in pthread_join(). rc=return_code, errno=error_number, rsno=error_reason**

Explanation:

An attempt to wait for completion of another thread failed.

System action:

The thread terminates.

User response:

Collect dump, trace, and system log data. Report the problem to IBM Software Support.

KOBC00024E **pthread_detach() failed in pthread_join(). rc=return_code, errno=error_number, rsno=error_reason**

Explanation:

An attempt to release thread resources after waiting for a thread to complete failed.

System action:

The thread terminates.

User response:

Collect dump, trace, and system log data. Report the problem to IBM Software Support.

KOBC00025E **Unable to free thread end lock in pthread_join(). rc=return_code,**

errno=error_number,
rsnno=error_reason

Explanation:

The thread management functions were unable to clean up a lock after waiting for a thread to complete.

System action:

The thread terminates.

User response:

Collect dump, trace, and system log data. Report the problem to IBM Software Support.

KOBCM0001E Create thread for kobcmsrv failed, pthreadstatusI = x

Explanation:

The conduit manager attempt to create a query server thread, kobcmsrv, has failed with return code x.

System action:

No queries can be processed.

User response:

Restart the enhanced 3270 user interface address space. If the problem persists, call IBM Software Support.

KOBCM0001I nnnnnnnn uuuuuuuu. Compiled on x at y.

Explanation:

The running copy of module nnnnnnnn at Program Temporary Fix (PTF) level uuuuuuuu was compiled on date x and time y.

System action:

None.

User response:

Note this PTF for any questions related to query processing within the OMEGAMON Enhanced 3270 User Interface.

KOBCM0002E Create thread for kobcmdmt failed, pthreadstatusI =n

Explanation:

The conduit manager attempt to create a discovery manager thread, kobcmdmt, has failed with return code n.

System action:

No queries can be processed.

User response:

Restart the enhanced 3270 user interface address space. If the problem persists, call IBM Software Support.

KOBCM0003E Create thread for kobcmdpt failed, pthreadstatusI = return_code

Explanation:

The conduit manager attempt to create a discovery manager thread, kobcmdpt, has failed with return code *return_code*.

System action:

No queries can be processed.

User response:

Restart the enhanced 3270 user interface address space. If the problem persists, call IBM Software Support.

KOBCM0004E Create thread for kobcmsrv failed, pthreadstatusI = return_code

Explanation:

The conduit manager attempt to create a query server thread, kobcmsrv, has failed with return code *return_code*.

System action:

No queries can be processed.

User response:

Restart the enhanced 3270 user interface address space. If the problem persists, call IBM Software Support.

KOBCM0005E Create thread for kobcmmnt failed, pthreadstatusI = return code.

Explanation:

The Conduit Manager attempt to create a maintenance processing thread, kobcmmnt, has failed with return code *return code*.

System action:

No maintenance can be performed.

User response:

Re-start the Tivoli OMEGAMON address space. If the problem persists call IBM support.

KOBCM0006E Create thread for kobcmdnt failed, pthreadstatusI = return_code + extended diagnostics context.

Explanation:

The Conduit Manager attempt to create a maintenance worker/ processing thread, kobcmdnt, has failed with return code = *return_code*.

System action:

No maintenance can be performed.

User response:

Re-start the Tivoli OMEGAMON address space. If the problem persists call IBM support.

KOBCM0010E Conduit manager Recv Error, rc = return_code, retry = n, microseconds = y +extended diagnostics error and context

Explanation

An IP socket `recv()` function call ended badly. The return code is *return_code*, the elapsed duration of the receive attempt is *y*. The `errno` and `errno2` values in the extended data can help clarify what receive error occurred. If the `errno` is retry-able, like `EINTR`, `EWOULDBLOCK`, or `EAGAIN`, then `retry = n` gives the count of retries done. Many of the conduit manager error messages are followed by extended diagnostic information. This information is intended to help users determine the context of the failing query, where:

errno and errno2

Are further error codes beyond the return code from many system services. When present, the additional codes can help isolate the exact nature of the problem. Since the conduit manager (CM) can be in simultaneous conversation with several data retrieval agents (DRAs) associated with several different hub environments, the following data will help identify just which query to which DRA has encountered a problem.

Target Hub

Is the hub environment of the DRA involved in this query.

DRA IP

Is the IP address of the LPAR where the DRA is running.

DRA jobname

Is the name of the address space where the DRA used is running.

DRA Port

Is the port number this DRA is listening to.

Sequence

Is a unique identifier for this query transaction.

Query

Is the text string of the query in question.

System action:

No further results are processed for this query.

User response

Verify that the partner data retrieval agent (DRA) is okay by inspecting its `RKLVLOG` messages. If the `errno` value is `EWOULDBLOCK`, it is likely that the query timed out. Compare the microseconds value to the value found in the most recent log message `KOBCM0066I`, `KOBCM0068I`, `KOBCM0081I`, or `KOBCM0083I`. If the microseconds in this message are slightly longer than the timeout value, in seconds, found in the most recent preceding message, then the query took too long to process.

If the microseconds values are similar to that found in the most recent `KOBCM0066I` or `KOBCM0068I` message, you can try increasing the timeout value

using command `"/F tom,SO_TIMEOUT x"` to change the timeout value, where *x* is the timeout in seconds and *tom* is the name of the enhanced 3270 address space. You can try increasing the timeout value to see if that resolves the problem.

If the microseconds values are similar to that found in the most recent `KOBCM0081I` or `KOBCM0083I`, you can try increasing the timeout value using command `"/F tom,DIS_TIMEOUT x"` to change the timeout value, where *x* is the timeout in seconds, *tom* is the name of the enhanced 3270 address space. Retry the query.

If the problem persists, restarting either the enhanced 3270 user interface or the DRA address space might help.

KOBCM0011E **Conduit Mgr Recv Error - Bad Length, is x should be y**
+extended diagnostics error and context

Explanation:

The enhanced 3270 user interface address space is expecting to receive *x* bytes, but instead received *y* bytes.

System action:

No further results are processed for this query.

User response:

Try the query again. If the problem persists, look for connection problems with the data retrieval agent (DRA) identified in the extended diagnostics.

KOBCM0012E **read_response(), recvbuf storage not obtained.**
+ size requested is x
+extended diagnostics error and context

Explanation:

Buffer storage to receive result rows for this query could not be obtained. The storage size requested is *x*

System action:

No further results are processed for this query.

User response:

Retry the query. If the problem persists, recycle the enhanced 3270 user interface address space and, if needed, the data retrieval agent address space. Call IBM Software Support if recycling does not resolve the problem.

KOBCM0013E **Block Length Error, tries = n**
+ should be x , but is y
+extended diagnostics error and context

Explanation:

The received block length, *y*, does not match the expected block length, *x*. It is likely that a connection failure occurred. If the failure type in the extended diagnostics was retryable, such as EINTR, EAGAIN, or EWOULDBLOCK, then *tries = n* indicates how many retries were made before accepting the error.

System action:

No further results are processed for this query.

User response:

Retry the query. If the problem persists, use the extended context data to determine the data retrieval agent (DRA) involved in the conversation. Look for further error indications from this DRA in its RKLVLLOG.

KOBCM0014E **Length Error**
+ Block Length is x
+ Block Length should be greater than record length which is y
+extended diagnostics error and context

Explanation:

The received block length is *x*. This is less than the expected size (*y*) of the record length contained in this block. This should never occur.

System action:

No further results are processed for this query.

User response:

Retry the query. If the problem persists, recycle the enhanced 3270 user interface address space and, if needed, the data retrieval agent address space. If recycling fails to resolve the problem, call IBM Software Support.

KOBCM0015E **Total of record lengths exceed the block length. Block Length is x**
Total record lengths are y
+extended diagnostics error and context

Explanation:

The sum of the received record lengths exceeds the block size. This should not occur.

System action:

No further results are processed for this query.

User response:

Retry the query. If the problem persists, recycle the enhanced 3270 user interface address space and, if needed, the data retrieval agent address space. If recycling fails to resolve the problem, call IBM Software Support.

KOBCM0016E **Unknown Rec-Type in response. Record Type received is protocol_type**
+extended diagnostics error and context

Explanation:

The record type found in the received data (*protocol_type*) is not recognized as a valid record type.

System action:

No further results are processed for this query.

User response:

Inspect the IP address and port number in the extended diagnostic data and verify this is a valid LPAR connection.

KOBCM0017E **KOBCM17E: Error condition in DRA. Failed Function is function_name**
+extended diagnostics error and context

Explanation:

The data retrieval agent (DRA) involved found something wrong with the query involved in this transaction. The specific SQL1 operation that failed is *function_name*.

System action:

No further results are processed for this query.

User response:

Inspect the query text looking for SQL syntax errors. If this is a user-supplied query, ensure that all the column names are spelled correctly. Often the RKLVLLOG of the Tivoli Enterprise Monitoring Server managing the DRA involved will have helpful diagnostic information. Repair the query and retry the operation.

KOBCM0018E **KOBGW_RR_CM_EndOfRows failed, rc = x**
+extended diagnostics error and context

Explanation:

The conduit manager component has completed sending rows for a request and is signaling completion to the next component in the path, the request router. The request router is responding with an error condition.

System action:

No further results are processed for this query.

User response:

If the problem persists, call IBM Software Support.

KOBCM0019E **KOBGW_RR_CM_PutDataRow rc = x**
+Dump of failing row
+extended diagnostics error and context

Explanation:

The conduit manager component encountered an error trying to pass a query result row through the request router on its way to the 3270 screen.

System action:

No further results are processed for this query.

User response:

Retry the query. If the problem persists, call IBM Software Support.

KOBCM0020W **KOBCM20W: Invalid SQL request received & ignored.**
+Dump of request header

Explanation:

The conduit manager received a malformed SQL query header. The "dump" documents the request header involved.

System action:

The query is bypassed.

User response:

If the problem persists, call IBM Software Support. Include the full content of this message in your report.

KOBCM0021E **Failure getting registered DRA. rc = error_code rs = error_reason**

Explanation:

The conduit manager attempted to discover the data retrieval agents registered in this Sysplex.

System action:

No queries will be processed.

User response:

Use the appropriate version of the z/OS manual *MVS Programming: Workload Management Services* (SA22-7619). Locate the reference section for the IWMSRSRS macro and compare the rc and rs values in this message with the return and reason codes documented for this macro. If no reasonable resolution is apparent, contact IBM Software Support.

KOBCM0022W **Too many hubs. Hub *hub_name* ignored. More than *nn* hubs managed.**

Explanation:

While discovering data retrieval agents (DRAs), the conduit manager found more hubs active than it can manage. The current limit for hub management is *xx*. Hub name *hub_name* and all of its DRAs are ignored.

System action:

No new hubs are added to the managed system list.

User response:

No action is required unless a vital Tivoli Enterprise Monitoring Server hub is being ignored. If an important hub is being ignored, consider reducing the number of less important hubs in your environment.

KOBCM0023E **KOBGW_RR_CM_GetAnyRequest failed with rc = return_code**
+extended diagnostics context

Explanation:

The conduit manager received a failure notice while waiting for a new query request. The return code is *return_code*.

System action:

No more requests are processed.

User response:

Restart the enhanced 3270 user interface address space as soon as possible. If the problem persists, call IBM Software Support.

KOBCM0024I **Conduit manager retry with alternate DRA**
+extended diagnostics error and context

Explanation:

A failed query is being retried through an alternate data retrieval agent (DRA). The extended diagnostics has a sequence number specifying the exact query instance being retried, the SQL text, and information about the new DRA path selected.

System action:

The query is resubmitted through a different DRA.

User response:

Look for a prior KOBCM0010E message with the same sequence number. Note the DRA used in this failed transaction. If this DRA is frequently seen in failure messages, please recycle the associated Tivoli Enterprise Monitoring Server or OMEGAMON XE monitoring agent address space at your earliest convenience.

KOBCM0025W **DRA candidate *nn* has invalid . . .**

Explanation

The e3270 address space found a Data Retrieval Agent candidate that had invalid registration information. The variable portion of this message specifies one or more problems noted with the registration:

- "version number of *vvvvvvvv*. Must be string between 6 and 8 characters."
- "address space name of *nnnnnnnn*. Must be string between 1 and 8 characters."
- "DRA IP address of *cccccccc*. Must be string between 14 and 22 characters, starting with *::ffff*."
- "DRA port number of *%d*. Must be number between 1 and 65535."
- "Sysplex name of *%s*. Must be string between 1 and 8 characters."
- "SMF ID of *%s*. Must be string between 1 and 4 characters."
- "Space Token, *%s*. Must be string of form *xxxxxxxx_xxxxxxx*"

- "Hub IP address of %s. Must be string between 14 and 22 characters, starting with ::ffff:"
- "Hub port number of %d. Must be number between 1 and 65535."
- "Hub origin node of %s. Must be string between 1 and 32 characters."

System action:

The candidate DRA is not included in the e3270 address space registry. If this is the only candidate for a hub, then the hub will not be accessible from the e3270 address space.

User response:

Call IBM Software Support.

KOBCM0026W Dropped DRA count is xx it should be yy.

Explanation:

The count of DRAs after eliminating troubled DRAs is found to be xx. Instead, the count should have been yy.

System action:

The e3270 address space should work properly as long as there are 1 or more DRAs available for the hub.

User response:

If this problem persists after the next restart of the e3270 address space, call IBM Software Support.

**KOBCM0030E socket create failed, rc = return_code
+extended diagnostics error and context**

Explanation:

The conduit manager attempted to allocate a communication socket for use with the data retrieval agent. The attempt failed with return code *return_code*.

System action:

This query is bypassed.

User response:

Retry the associated query found in the extended diagnostics. If the problem persists, call IBM Software Support.

**KOBCM0031E setsockopt failed, rc = return_code
+extended diagnostics error and context**

Explanation:

The conduit manager is attempting to set communication options for this socket conversation with the data retrieval agent. The attempt failed with return code *return_code*.

System action:

This query is bypassed.

User response:

Retry the associated query found in the extended diagnostics. If the problem persists, call IBM Software Support.

**KOBCM0032E invalid ip or port
+ip = x port = y
+extended diagnostics error and context**

Explanation:

The conduit manager has detected that either the IP or port values for the data retrieval agent are incorrect. The incorrect IP or port number is indicated.

System action:

This query is bypassed.

User response:

Retry the associated query found in the extended diagnostics. If the problem persists, call IBM Software Support.

**KOBCM0034E BLDgwDataRq failed, rc = return_code
+extended diagnostics error and context**

Explanation:

The conduit manager has an internal error constructing the query for the data retrieval agent. Return code is *return_code*.

System action:

This query is bypassed.

User response:

Retry the associated query found in the extended diagnostics. If the problem persists, call IBM Software Support.

**KOBCM0035E send block failed, rc = return_code,
microseconds = mmm
+extended diagnostics error and context**

Explanation:

The conduit manager send of the query to the data retrieval agent failed. Return code was *return_code*. The elapsed time for the connect attempt, in microseconds, is *mmm*.

System action:

This query is bypassed.

User response:

If the errno value is EWOULDBLOCK, it is likely the query timed out. Compare the microseconds value to the value found in log message KOBCM0066I. If the microseconds in this message are slightly longer than the time-out value, in seconds, found in KOBCM0066I, then the query took too long to process. Try increasing the time-out value to see if that resolves the problem. Use the command "/F *tom*,SO_TIMEOUT *x*" to

change the time-out value, where x is the time out in microseconds and tom is the enhanced 3270 address space name. Retry the associated query found in the extended diagnostics. If the problem persists, call IBM Software Support.

KOBCM0036E EOD send block failed, rc =
return_code
+extended diagnostics error and context

Explanation:

The conduit manager send of end-of-query indication to the data retrieval agent failed. Return code was *return_code*.

System action:

This query is bypassed.

User response:

Retry the associated query found in the extended diagnostics. If problem persists, call IBM Software Support.

KOBCM0040E Discovery manager thread can not create refresh queue, kob_init_queue_header. rc =
return_code
+extended diagnostics error and context

Explanation:

The conduit manager discovery and refresh of data retrieval agents, hubs, managed system names and managed system lists can not proceed.

System action:

The local registry is not initialized.

User response:

Try restarting this address space. If problem persists, call IBM Software Support.

KOBCM0041E Maintenance manager thread can not create Maintenance refresh queue, kob_init_queue_header, rc =
return_code.

Explanation:

The Conduit Manager Maintenance Thread can not proceed.

System action:

No Maintenance requests can be created/submitted to the worker thread to do maintenance refresh.

User response:

Re-start the Tivoli OMEGAMON address space. If the problem persists call IBM support.

KOBCM0041W Add discovery refresh request failed. kob_add_to_queue error. rc =
return_code

+extended diagnostics error and context

Explanation:

An attempt to request a periodic refresh of data retrieval agents, hubs, managed system names and managed system lists failed.

System action:

The local registry is updated with any recent changes.

User response:

If this is a recurring problem, call IBM Software Support.

KOBCM0042E Wait for periodic refresh failed. rc =
return_code
+extended diagnostics error and context

Explanation

An attempt to wait for the configured time period between discovery refresh cycles has failed.

Note: This is an extremely unlikely error condition. Basically, it indicates that normal timer services within the LPAR have failed, so the configured registry refresh time period cannot be honored.

System action:

To prevent looping, the discovery refresh thread suspends periodic refresh and waits for an operator reply to message KOBCM0043I.

User response:

Try replying GO to the associated KOBCM0043I write to operator with reply (WTOR) message found in the LPAR's SYSLOG. If another KOBCM0043I WTOR appears immediately, then call IBM Software Support.

KOBCM0042W Add Maintenance refresh request from kobcmmnt failed. kob_add_to_queue error rc =
return_code
+ extended diagnostics context.

Explanation:

An attempt to request a maintenance refresh failed from the kobcmmnt Maintenance Manager Thread.

System action:

No maintenance can be performed.

User response:

If this is a reoccurring problem, call IBM support.

KOBCM0043I Discovery refresh wait failed. Simulate timed wait reply GO or END.

Explanation:

Write to operator with reply (WTOR) message associated with KOBCM0042E log message.

System action:

Discovery refresh thread waits for operator reply.

User response:

Try replying GO to this write to operator with reply (WTOR) message. If another KOBCEM0043I WTOR appears immediately, then call IBM Software Support.

KOBCEM0043W **Add Maintenance refresh request from myCommandRoutine failed. kob_add_to_queue error rc = return_code + extended diagnostics context.**

Explanation:

An attempt to request a periodic refresh of ODI/Thresholds failed.

System action:

Most recent ODI/Thresholds refresh request have not been added.

User response:

If this is a reoccurring problem, call IBM support.

KOBCEM0044W **Discovery refresh thread failed to release the refresh queue properly. kob_destroy_queue rc = return_code + extended diagnostics error and context**

Explanation:

Discovery refresh thread is terminating. Its attempt to release storage associated with the refresh queue may be orphaned.

System action:

Thread termination proceeds.

User response:

If termination of the discovery refresh thread is unexpected, call IBM Software Support.

KOBCEM0045E **Wait for Maintenance refresh failed. sleep rc = return_code + extended diagnostics context.**

Explanation:

An attempt to wait for the configured time period between maintenance refresh cycles has failed.

System action:

To prevent looping, the maintenance refresh thread suspends periodic refresh and waits for an operator reply to message KOBCEM0045I.

User response:

Try replying GO to the associated KOBCEM0045I write to operator with reply (WTOR) message found in LPAR's SYSLOG. If another KOBCEM0045I WTOR message appears immediately, then call IBM support.

KOBCEM0045I **Maintenance refresh wait failed. Simulate timed wait reply GO or END.**

Explanation:

Write to operator with reply (WTOR) message associated with KOBCEM0045E log message.

System action:

Discovery refresh thread waits for operator reply.

User response:

Try replying GO to this write to operator with reply (WTOR) message. If another KOBCEM0045I WTOR message appears immediately, then call IBM support.

KOBCEM0045W **RC = return code in DRA = Data_Retrieval_Agent_name IP = IP_address, Hub = hub_monitoring_server_name (application_name .table_name)**

Explanation

Message KOBCEM0045W indicates that the Data Retrieval Agent (KOBAGENT) was contacted from the Tivoli OMEGAMON Manager, but an error was detected in the Data Retrieval Agent. This error indicates that a repeat attempt might be successful.

The following return codes are possible:

RC=5

The Hub or Remote Tivoli Enterprise Monitoring Server is not yet available.

RC=79

When attempting to delete a table row, the row was not found.

RC=80

When attempting to insert a table row, a duplicate row was found.

RC=155

A hub or remote monitoring server could not be contacted.

RC=202

A TEMS does not contain application support for a particular column.

RC=209

A monitoring server does not contain application support for a particular application and table.

RC=3000

Historical data does not exist for the requested table.

RC=9036

The hub monitoring server is not yet available.

RC=9037

SQL SELECT string is too long, rejected by the DRA

RC=9038

SQL query contains invalid column name, rejected by the DRA

RC=9999

The hub monitoring server is not yet available.

RC=67109015

A hub or remote monitoring server could not be contacted.

RC=67109019

A Hub or Remote TEMS could not be contacted.

RC=67109066

A TEMS does not contain application support for a particular column.

RC=67109073

A monitoring server does not contain application support for a particular application and table.

If this message occurs frequently, check the RKLVLLOG for the Data Retrieval Agent that is listed, which might contain more details. If the message indicates that a remote or hub monitoring server is not yet available, confirm that the monitoring server is running and is not out of storage or abending.

System action

The query, insertion or deletion fails and any enhanced 3270 user interface workspace that needs the results might be missing data.

System programmer response

Check the message details for the particular return code (RC) and take the appropriate action. For example, if the message return code indicates that the monitoring server is not available, check the system to confirm that the monitoring server is running correctly. If the return codes indicate that application support files are missing, apply application support (also known as seeding) to the necessary remote and hub monitoring servers.

KOBCM0046I Refresh Hubs(+aaa,-ddd,ttt) DRAs(+aaa,-ddd,ttt) MSNs(+aaa,-ddd,ttt) MSLs(+aaa,-ddd,ttt), n seconds

Explanation

A Registry Refresh occurred. As a result of the Registry Refresh, there is a change in the number of hub monitoring servers (Hubs), Data Retrieval Agents (DRAs), Managed System Names (MSNs), or Managed System Lists (MSLs) known to this Tivoli OMEGAMON Manager. The values within parentheses indicate the number of added items (aaa), the number of deleted items (ddd), and the total number of items (ttt). The

time taken to perform the Registry Refresh is reported in seconds (n).

System action

None.

System programmer response

None.

KOBCM0047W Connect failed, Err = error code Rsn = reason_code, nnn seconds Failed for DRA = Data_Retrieval_Agent_name IP = IP_address, Hub = hub_monitoring_server_name (application_name.table_name)

Explanation

Message KOBCM0047W indicates that a TCP/IP connection attempt failed between this Tivoli OMEGAMON Manager and a data retrieval agent (DRA). The error and reason codes are displayed in the Err=nnn and Rsn=nnn fields.

The following examples show some typical return values:

Err=0 Rsn=0x00000000

The destination rejected the connection.

Err=1127 Rsn=0x0000020A

The connection attempt timed out.

If Err=0 Rsn=0x00000000 is returned, the DRA might either be not running or not reachable due to a TCP/IP firewall between the Tivoli OMEGAMON Manager and the DRA.

System action

No results from the failed query are available, so any enhanced 3270 user interface workspace that needs the results might be missing data.

System programmer response

For code Err=0 with Rsn=0x00000000, check that the named DRA is both running and not in an abending address space. Check that any firewall between this address space and the DRA address space is configured to allow TCP traffic for the port number in use by the DRA. You can control the port number of the DRA with the POOL:nnnnn modifier in the KDE_TRANSPORT environmental variable, contained in the KxxENV file for the DRA address space.

KOBCM0048I Retry with DRA = Data_Retrieval_Agent_name IP

= *IP_address*, Hub
= *hub_monitoring_server_name*
(*application_name.table_name*)

Explanation

Message KOBCEM0048I indicates that an earlier failure occurred between the Tivoli OMEGAMON Manager and a Data Retrieval Agent (DRA) and that same operation will be tried again, with a different DRA. See the earlier message for details about the failure.

System action

The query is being tried again, with a different DRA.

System programmer response

None.

KOBCEM0049W Receive failed, Err = *error code* Rsn = *reason_code*, *nnn* seconds, retry = *n* Failed for DRA = *Data_Retrieval_Agent_name* IP = *IP_address*, Hub = *hub_monitoring_server_name* (*application_name.table_name*)

Explanation

Message KOBCEM0049W indicates that a TCP/IP 'receive' failed between this Tivoli OMEGAMON Manager and a Data Retrieval Agent (DRA). The error and reason codes are displayed in the Err = *nnn* and Rsn = *nnn* fields. Typical values that you might see include: Err=1102 Rsn=0x76650211 The receive attempt 'timed out'. You can find details about the failure by examining the Rsn value. For example, you can enter the following TSO command to get Rsn code details: bpxmtext 76650211.

System action

No results from the failed query are available, so any enhanced 3270 user interface workspace that needs the results might be missing data.

System programmer response

Check that the named DRA is running and not in an abending address space. If this message repeats frequently, adjust your enhanced 3270UI "Global Query Timeout" value to a larger number of seconds, to allow a longer period for the query to complete. The Global Query Timeout value is found in the Edit->Preferences (E.P) menu, under the Session/Logon tab.

KOBCEM0050E kob_get_from_queue failed, rc = *return_code* +*extended_diagnostics_error_and_context*

Explanation:

While selecting discovery refresh requests the conduit manager received a bad return. The failing return code is x.

System action:

Discovery refresh requests will no longer be processed by this address space. The current data retrieval agents, hub monitoring server, managed system names and managed system lists will continue to be available for use, but no changes to the connected Hub environments will be recognized.

User response:

Recycle the address space at the next convenient point or when differences between the locally registered information for the connected hub environments is sufficiently outdated to cause concern.

KOBCEM0051W Recalled DRA registry data is unreliable. + *dump of registered data retrieval agents*

Explanation:

After several attempts to recall all registered data retrieval agents (DRAs) in the local registry, only partial data was retrieved. The log has a dump of the registered DRAs that were found.

System action:

Discovery refresh processing continues but possibly with incomplete environmental information.

User response:

The enhanced 3270 user interface address space may not be aware of all your monitored environments. If this warning appears repeatedly, recycle the address space. If the warning continues to appear, call IBM Software Support.

KOBCEM0052E reqWork too small for MSN sql. Requested size is x.

Explanation:

After several attempts to size the reqWork workarea to hold the SQL for MSN refresh, the required size could not be obtained. The size desired is shown in the message.

System action:

Local registry refresh activities terminate. The enhanced 3270 user interface address space will gradually become out of date with changes to the monitoring agents.

User response:

Recycle the address space as soon as is practical. If this error occurs frequently, call IBM Software Support.

KOBCM0053E reqWork too small for MSL sql. Requested size is x.

Explanation:

After several attempts to size the reqWork workarea to hold the SQL for managed system list (MSL) refresh, the required size could not be obtained. The size desired is shown in the message.

System action:

Local registry refresh activities terminate. The enhanced 3270 user interface address space will gradually become out of date with changes to the monitoring agents.

User response:

Recycle the address space as soon as is practical. If this error occurs frequently, call IBM Software Support.

KOBCM0054E kobcmndt kob_get_from_queue failed, rc = return code + extended diagnostics context.

Explanation:

While selecting maintenance refresh requests the Conduit Manager received a bad return. The failing return code is *return code*.

System action:

Maintenance refresh requests will no longer be processed by kobcmndt. This thread will be terminated.

User response:

The address space should be recycled at the next convenient point.

KOBCM0054I Registry Refresh {configured | defaults} to x minutes.

Explanation:

This documents the local registry refresh cycle that is in use. If the message says "configured," then the value was supplied as configuration parameter REGREF; otherwise, the message says "defaults".

System action:

Local registry is refreshed periodically at the time interval specified

User response:

None.

**KOBCM0055W REGREF configuration variable is value.
+ Valid values are between 1 minute and 1440 minutes.
+ Default of 5 minutes will be used.**

Explanation:

Configuration variable REGREF was imported but was not used. *value* documents the value read. Valid values are between 1 and 1440 minutes (1 day).

System action:

The default of 5 minutes will be used.

User response:

Correct the REGREF configuration variable to specify a value within the allowed range, or accept the default.

KOBCM0056W Get [MSN | MSL] data for hub. Data at address, rc = return_code + extended diagnostics context + [MSN | MSL] table header

Explanation:

Discovery refresh has received a bad return code (*return_code*) while trying to obtain managed system name (MSN) or managed system list (MSL) information from the specified hub monitoring server. The returned data structure is located at *address*. The extended diagnostics context and the result table header structure are also provided for further diagnosis.

System action:

This hub's managed system names or managed system lists are not refreshed in the local registry.

User response:

If this message appears many times, obtain a dump of the enhanced 3270 user interface address space and capture the logs. Call IBM Software Support.

KOBCM0057I Registry refresh period reset to n.

Explanation:

This message documents the local registry refresh cycle that is now in use as a result of a REGREFRESH command.

System action:

Local registry is refreshed periodically at the time interval specified.

User response:

None.

**KOBCM0058I Registry refresh cccccc:
+ Refresh completed in = n millisec
+ Hubs currently active = n
+ Hubs no longer active = n
+ Hubs just added = n
+ DRAs currently active = n
+ DRAs newly discovered = n
+ DRAs removed = n
+ DRAs registration errors = n
+ MSNs Currently registered = n
+ MSNs Newly Registered = n
+ MSNs Removed = n
+ MSNs Registration errors = n
+ MSNs Currently registerd = n**

- + MSLs Newly Registered = *n*
- + MSLs Removed = *n*
- + MSLs Registration errors = *n*

Explanation:

This message appears at the end of every registry refresh cycle, both for periodic refreshes and for "on demand" refreshes. *ccccccc* is either "completed" or "statistics". *n* is the time, in milliseconds, used to complete the refresh. If a hub, a data retrieval agent (DRA), managed system (MSN), or managed system list (MSL) is added or dropped in the recycle, *ccccccc* will be "statistics" and the option statistics will be presented. The option messages document what the registry content is and the registry changes found in the last refresh operation.

System action:

None.

User response:

None.

KOBCM0059I Maintenance Refresh period reset to *n*.

Explanation:

This documents the local maintenance refresh cycle that is now in use. The value was changed by a MNTREFRESH command.

System action:

ODI or threshold members are refreshed periodically at the time period specified.

User response:

None.

KOBCM0059W No viable DRA, Hub=*hub-name* (*application-name.table-name*)

Explanation:

The enhanced 3270 user interface address space has attempted to send an SQL request against table *table-name* in application *application-name* but could not find a suitable Data Retrieval Agent (DRA) associated with the hub *hub-name* to handle the request.

System action:

The SQL request is not processed.

User response:

Check the enhanced 3270 user interface address space configuration. Make sure the hub *hub-name* has one or more DRAs associated with it and that the DRAs are running. Check the DRA and Hub filtering settings to make sure the required DRAs are not excluded. If further assistance is required, contact IBM Software Support.

KOBCM0060I processing cmd string = *text*.

Explanation:

The conduit manager has received command *text*.

System action:

The conduit manager processes the command.

User response:

None.

KOBCM0061I Trace level for KOBGWCND is *n*.

Explanation:

The conduit manager is setting internal trace level to *n*.

System action:

The conduit manager will start tracing internal activity messages at interest level *n* and lower.

User response:

Diagnostic tracing for conduit manager can be prolific. Tracing should be done only under the guidance of IBM Software Support.

KOBCM0062I Registry refresh period is now *n* minutes.

Explanation:

A REGREFRESH command included a valid refresh period value, which is now in effect.

System action:

The local registry refresh period for the conduit manager is changed to *n*.

User response:

Short refresh periods can increase CPU utilization for the enhanced 3270 user interface address space. Use caution in setting refresh intervals.

KOBCM0063I Maintenance refresh period is now *n* minutes.

Explanation:

A MNTREFRESH command included a valid refresh period value.

System action:

Conduit Manager's Maintenance refresh period is changed to *n*.

User response:

Short refresh periods can increase CPU utilization for the Tivoli OMEGAMON address space.

**KOBCM0063W REGREFRESH command specified *value*.
+ Valid values are between 1 minute and 1440 minutes.
+ Original period of *n* minutes will be used.**

Explanation:

Command REGREFRESH specified an out-of-range value of *value*. Valid values are in the range between 1 and 1440 minutes (1 day).

System action:

The immediate refresh is done, but the refresh interval is not reset.

User response:

If a new refresh period is desired, reissue the REGREFRESH command to specify a value within the valid range.

KOBCM0064I Conduit manager trace level {configured | defaults} to x.
Explanation:

This message documents the trace level that is in use by the conduit manager. If the message says "configured," then the value was supplied as the configuration parameter TRACE; otherwise, the message says "defaults".

System action:

Tracing will be done for all standard messages, plus diagnostic messages at level x and below.

User response:

None.

**KOBCM0064W MNTREFRESH command specified value.
 + Allowed values are between 0 minute and 1440 minutes.
 + Original period of n minutes will be used.**
Explanation:

Command MNTREFRESH specified an out of range value of *value*. Allowed values are between 0 and 1440 minutes (1 day).

System action:

The immediate refresh is done. The refresh period, however, is not reset.

User response:

If a new refresh period is desired, reissue the MNTREFRESH command to specify a value within the allowed range.

KOBCM0065I Maintenance Refresh {configured | defaults} to x minutes.
Explanation:

This documents the maintenance refresh cycle that is in use. If the message says *configured* then the value was supplied as configuration parameter MNTREFRESH, otherwise the message says *defaults*.

System action:

Maintenance thread is refreshed periodically at the time period specified.

User response:

None.

**KOBCM0065W TRACE configuration variable is value.
 + Valid values are integers from 0 and up.**

+ Default of x minutes will be used.

Explanation:

The configuration variable TRACE was imported, but was not used. The value read, *value*, was not a valid value. Valid values are 0 and up.

System action:

The specified default of x will be used.

User response:

Correct the TRACE configuration variable to specify a value within the allowed range or accept the default.

KOBCM0066I Conduit Manager socket timeout level {configured | defaults} to s.
Explanation:

This message documents the time-out seconds in use by the conduit manager for socket operation connect, send, and receive. If the message says "configured", then the value was supplied as the configuration parameter SO_TIMEOUT. Otherwise, the message says "defaults".

System action:

Conduit manager socket operations with data retrieval agents (DRAs) will time out if they have not started within the specified number of seconds.

User response:

If communication is slow or error prone and causes many query failures, increase the time-out value.

KOBCM0067I THRESHOLDS_SOURCE environment variable not FOUND.
Explanation:

THRESHOLDS_SOURCE environment variable was not found. Default value of DD:RKANPAR will be used.

System action:

THRESHOLDS_SOURCE set to DD:RKANPAR.

User response:

If a new source value of THRESHOLDS is desired, specify that in THRESHOLDS_SOURCE environment variable.

**KOBCM0067W SO_TIMEOUT configuration variable is value.
 + Allowed values are integers from 0 and up.
 + Default of x seconds will be used.**
Explanation:

The configuration variable SO_TIMEOUT was imported but was not used. *value* documents the value read. Allowed values are 0 and up.

System action:

The default of x is used.

User response:

Correct the SO_TIMEOUT configuration variable to specify a value within the allowed range or accept the default.

KOBCM0070W **Get_Column_Affinities failed. rc = *return_code*, appl = *appl*, table = *table***
+*extended diagnostics context*

Explanation:

Object Definition Interchange (ODI) file information for the named application, *appl* and table, *table*, was not found. The return code was *return_code*. Extended diagnostics will provide the error code and error reason values as well.

System action:

No attempt is made to further adjust the query for agent version level. The query will be attempted as-is and may fail.

User response:

Ensure that the current product ODI table is loaded for the application named in the message.

KOBCM0081I **Conduit Manager discovery socket timeout {configured | defaults} to *x*.**

Explanation:

This message documents the time-out seconds in use by the conduit manager for discovery socket operation connect, send, and receive. If the message says "configured", then the value was supplied as a configuration parameter DIS_TIMEOUT. Otherwise, the message say "defaults".

System action:

Conduit manager discovery socket operations with data retrieval agents (DRAs) will time out if they have not started within the specified number of seconds.

User response:

Consult with IBM Software Support before adjusting this value.

KOBCM0082W **DIS_TIMEOUT configuration variable is *value*.**
+ Allowed values are integers from 0 and up.
+ Default of *x* seconds will be used.

Explanation:

Configuration variable DIS_TIMEOUT was imported but was not used. *value* documents the value read. Allowed values are 0 and up.

System action:

The default of *x* is used.

User response:

Correct the DIS_TIMEOUT configuration variable to specify a value within the allowed range or accept the default.

KOBCM0083I **Discovery socket timeout seconds for KOBGWCND is *n*.**

Explanation:

Conduit manager is setting discovery socket operations time limit to *n* seconds.

System action:

Conduit manager will wait up to specified seconds for each discovery socket communication with data retrieval agents (DRAs) to start.

User response:

Consult with IBM Software Support before adjusting this value.

KOBCM0084I **Conduit Manager ping socket timeout {configured | defaults} to *x*.**

Explanation:

This message documents the time-out seconds that is in use by Conduit Manager for ping socket operation receive. If the message says "configured", the value was supplied as the configuration parameter PNG_TIMEOUT. Otherwise the message says "defaults".

KOBCM0085W **PNG_TIMEOUT configuration variable is *value*.**
+ Allowed values are integers from 0 and higher.
+ Default of *x* seconds will be used.

Explanation:

Configuration variable PNG_TIMEOUT was imported but was not used. *value* documents the value read. Allowed values are 0 and above.

System action:

The default *x* will be used.

User response:

Correct the PNG_TIMEOUT configuration variable to specify a value within the allowed range or accept the default.

KOBCM0086I **Ping socket timeout seconds for KOBGWCND is *n*.**

Explanation:

The conduit manager is setting the time limit for ping-socket operations to *n* seconds.

KOBCM0087I **Conduit Manager connect socket timeout {configured | defaults} to *x*.**

Explanation:

This message displays the number of seconds before timeout that the conduit manager uses when connecting to a data retrieval agent (DRA) socket. If the message says *configured*, the value was supplied in the configuration parameter **CON_TIMEOUT**. Otherwise, the message says *defaults*.

KOBCM0088W **CON_TIMEOUT configuration variable is value.**
+ Allowed values are integers from 0 and higher.
+ Default of x seconds will be used.

Explanation:

The configuration parameter **CON_TIMEOUT** was specified, but the value is not allowed. Allowed values are integers from 0 and above.

System action:

The default value of x will be used.

User response:

Correct the **CON_TIMEOUT** parameter value to be within the allowed range, or accept the default.

KOBCM0089I **Connect socket timeout seconds for KOBGWCND is n.**

Explanation:

The conduit manager is setting the time limit for connect-socket operations to n seconds.

KOBCM0090W **Conduit Manager retried the receive n operation x times before succeeding.**
+ Elapsed time before success is y microseconds
+ extended diagnostics context

Explanation:

Conduit manager receives data from its partner KOBAGENT in two steps. The first step learns how large the data block will be and the second step receives the actual data. If n is 1, the conduit manager is receiving the data block size. If n is 2, the conduit manager is receiving the actual data block. x is the number of retries before succeeding. y is the number of microseconds elapsed trying to receive this data.

KOBCM0091I **Jobname: nnnnnnnn SYSID: nnnnnnnn SMFID: ssss.**

Explanation:

Conduit Manager documents the address space name, System ID, and SMF ID from which this log is being collected.

KOBCM0100W **ODIREFRESH command specified s.**
+ Allowed values must begin with K and be followed by 2 character
+ product code.

Explanation:

The ODIREFRESH command entered was not processed. The product code s is not valid. The command expects you to specify a single product code for the ODI to be refreshed. The product code must be 3 characters. The first character must be K, the next two characters must be a product code for a valid product, for example, M5 or CP.

System action:

None.

User response:

Retry the command using a valid product code. Look at the concatenated files in the RKANPAR DD statement for this OMEGAMON Enhanced 3270 user interface address space and find the first instance of the KOBFCGAP member. The first column contains the valid product codes for the ODI files that this address space might use.

KOBCM0110I **Completed Collection_type Situation Collection for Hub_Name (Total_Sits, +Added_Sits, -Deleted_Sits).**

Explanation

A situation collection processes has completed for the indicated hub TEMS. Details on the collection type and the number of known situations for this hub TEMS is given, where:

- *Collection_type* = Periodic | Realtime
- *Hub_Name* = the origin node of the hub TEMS that was sampled
- *Total_Sits* = number of situations within the Situation Database for this hub TEMS
- *Added_Sits* = number of new situations added to the Situation Database on this sample
- *Deleted_Sits* = number of situations deleted from the Situation Database on this sample

System action

None.

System programmer response

None.

KOBCM0111W **Registry Refresh in progress. Periodic Situation Collection will not be performed this interval.**

Explanation

An attempt was made to make start collecting situation data. As the Tivoli OMEGAMON Manager's

internal Registry Refresh processing was taking place a definitive list of hub TEMS was not available. Collection of situation data cannot take place and will wait 1 minute before attempting again.

System action

The periodic situation collection is skipped for the current collection interval.

System programmer response

Check the frequency of the Registry Refresh process (KOBCM0054I) and time taken to perform a Registry Refresh (KOBCM0046I). If this problem is a regular occurrence, consider changing the situation collection interval, the Registry Refresh process, or both to different intervals to reduce the chance of Registry Refresh and situation collection occurring at the same time.

KOBCM0112I **Situation sampling interval *type* to *frequency* minutes.**

Explanation

Indicates how often a periodic situation collection against all know hub TEMS will take place, where:

- *type* = configured | defaults
- *frequency* = frequency, in minutes of the periodic situation collection process

The value is read from the Tivoli OMEGAMON Manager's environment settings at startup. The default value is 5 minutes.

System action

None.

System programmer response

None.

KOBCM0113I **Number of cached recent situation samples *type* to *slot_number* samples.**

Explanation

Indicates how many recent periodic samples, including status and snapshot data, are retained by the Tivoli OMEGAMON Manager for an open situation, where:

- *type* = configured | defaults
- *slot_number* = number of slots defined.

The value is read from the Tivoli OMEGAMON Manager's environment settings at startup. The default value is 12 samples.

System action

None.

System programmer response

None.

KOBCM0114I **Number of cached historical situation samples *type* to *slot_number* samples.**

Explanation

Indicates how many historical periodic samples, including status and snapshot data, are retained by the Tivoli OMEGAMON Manager for an open situation, where:

- *type* = configured | defaults
- *slot_number* = number of slots defined.

The value is read from the Tivoli OMEGAMON Manager's environment settings at startup. The default value is 16 samples.

System action

None.

System programmer response

None.

KOBCM0115I **Historical situation collection range *type* to *time_period* units.**

Explanation

Indicates the time period that historical situation collection will cover, where:

- *type* = configured | defaults
- *time_period* = time period that historical samples will cover
- *units* = minutes | hours | days

The value is read from the Tivoli OMEGAMON Manager's environment settings at startup. The default value is 4 hours. Valid ranges is from 1 minute to 2**32 days.

System action

None.

System programmer response

None.

KOBCM0116I Each historical sample will represent approximately *time_period units*.

Explanation

Indicates the time period that a single historical collection sample or slot will cover, where:

- *time_period* = time period that an individual historical sample will cover
- *units* = minutes | hours | days

The value is calculated from overall time period historical situation collection is defined to cover (KOBCM0115I) divided by the number of periods or slots allocated (KOBCM0114I). If default values are used, this is 4 hours / 16 samples = 15 minutes.

System action

None.

System programmer response

None.

KOBCM0117W Value of **KOB_SITST_SAMPLE_MINUTES** configuration variable is *frequency*. Valid range is between **1 and 4294967295 minutes**. Default of **5 minutes** will be used.

Explanation

There was a problem reading the environment variable that defines the situation collection interval, where:

- *frequency* = the value for this environment variable as defined in the read configuration file

The default value of 5 minutes will be used.

System action

Normal processing continues using the default value.

System programmer response

Check the value that is set in the Tivoli OMEGAMON Manager environment variable files and make any corrections. The Tivoli OMEGAMON Manager will need to be recycled for any change to take effect.

KOBCM0118W Value of **KOB_SITST_RECENT_SLOTS**

configuration variable is *slot_number*. Valid range is between **1 and 128 samples**. Default of **12 samples** will be used.

Explanation

There was a problem reading the environment variable that defines the number recent periodic samples to be retained by the Tivoli OMEGAMON Manager for an open situation, where:

- *slot_number* = the value for this environment variable as defined in the read configuration file

The default value of 12 samples will be used.

System action

Normal processing continues using the default value.

System programmer response

Check the value that is set in the Tivoli OMEGAMON Manager environment variable files and make any corrections. The Tivoli OMEGAMON Manager will need to be recycled for any change to take effect.

KOBCM0119W Value of **KOB_SITST_HISTORY_SLOTS** configuration variable is *slot_number*. Valid range is between **1 and 128 samples**. Default of **16 samples** will be used.

Explanation

There was a problem reading the environment variable that defines the number historical periodic samples to be retained by the Tivoli OMEGAMON Manager for an open situation, where:

- *slot_number* = the value for this environment variable as defined in the read configuration file

The default value of 16 samples will be used.

System action

Normal processing continues using the default value.

System programmer response

Check the value that is set in the Tivoli OMEGAMON Manager environment variable files and make any corrections. The Tivoli OMEGAMON Manager will need to be recycled for any change to take effect.

KOBCM0120W Value of **KOB_SITST_HISTORY_RANGE** configuration variable is **time_period**. Valid range is between 1 minute and 4294967295 days. Use suffix M (minutes), H (hours) or D (days) to indicate units. Default of 4 hours will be used.

Explanation

There was a problem reading the environment variable that defines the time period historical situation will cover, where:

- *time_period* = the value for this environment variable as defined in the read configuration file

The default value of 4 hours will be used.

System action

Normal processing continues using the default value.

System programmer response

Check the value that is set in the Tivoli OMEGAMON Manager environment variable files and make any corrections. The Tivoli OMEGAMON Manager will need to be recycled for any change to take effect.

KOBCM0121W Historical sample slot interval cannot represent time period less than situation sample interval. Each historical sample will represent *time_period* minutes.

Explanation

The calculated historical sample slot interval cannot be less than the defined situation sample interval (KOBCM0112I). The value is therefore reset to match this value meaning each sample interval also represents a single historical sample period, where:

- *time_period* = time period that an individual historical sample will cover

System action

None.

System programmer response

None.

KOBCM0125E Unable to create Situation Database for hub *Hub_Name*.

Explanation

There was a problem attempting to create a situation database entry for the given hub, where:

- *Hub_Name* = the originnode of the hub TEMS that was sampled

System action

Situation collection for the specified hub is stopped for the current interval. Data collected on this interval will not be retained.

System programmer response

A likely cause for this issue would be a lack of available storage in the Tivoli OMEGAMON Manager address space. Check the amount of storage that has been made available and adjust as appropriate.

KOBCM0126E Unable to create record for hub *Hub_Name*.

Explanation

There was a problem attempting to create a single entry situation database entry for the given hub, where:

- *Hub_Name* = the originnode of the hub TEMS that was sampled

System action

Situation collection for the specified hub is stopped for the current interval. Data collected on this interval will not be retained.

System programmer response

A likely cause for this issue would be a lack of available storage in the Tivoli OMEGAMON Manager address space. Check the amount of storage that has been made available and adjust as appropriate.

KOBCM0127E Create thread for kobcmsit failed, pthreadstatusI = *pointer*

Explanation

There was a problem attempting to create a thread for periodic situation collection, where:

- *pointer* = pointer location of the failed pthread status

System action

The Tivoli OMEGAMON Manager will continue but periodic situation collection will not take place.

System programmer response

Check the problem and make corrections. The Tivoli OMEGAMON Manager will need to be restarted to enable periodic situation collection.

KOBCM0128E Create thread for kobcmrst failed, pthreadstatusI = *pointer*

Explanation

There was a problem attempting to create a thread for realtime situation collection, where:

- *pointer* = pointer location of the failed pthread status

System action

The Tivoli OMEGAMON Manager will continue but this instance of a realtime situation collection will not take place.

System programmer response

Check the problem and make corrections. The Tivoli OMEGAMON Manager will need to be restarted to use changed settings.

KOBCM0129W kobcmsit nap had a problem. RC: *return_code*

Explanation

There was a problem that occurred while the periodic situation collection process was sleeping, where:

- *return_code* = return code

System action

None.

System programmer response

If problem is recurring check the problem and make corrections. The Tivoli OMEGAMON Manager may need to be restarted to use changed settings.

KOBCM0130E Unable to perform real-time situation sample. *Reason*

Explanation

There was an error when attempting to make a real-time situation collection. The following line in the log will give a reason for the error, where:

- *Reason* = Unable to allocate storage for hub data. | No hub TEMS details supplied.

System action

The real-time situation data collection is not completed.

System programmer response

If problem is recurring check the problem and make corrections. The Tivoli OMEGAMON Manager may need to be restarted to use changed settings.

KOBCM0131I Situation Database statistics:

Explanation

This internal trace message gives a full description as to the current state of the situation database stored at the Tivoli OMEGAMON Manager for the specified hub TEMS.

System action

None.

System programmer response

None.

KOBCM0132W There were *number_situations* new situation records discarded for hub *Hub_Name*.

Explanation

The Tivoli OMEGAMON Manager found there was new situations but was unable to collect all the required information to create a record in the situation database, where:

- *number_situations* = number of discarded situations
- *Hub_Name* = the hub TEMS this message applies to

The most likely cause of this would be a timeout in the query to get this information. As the required information was not collected, the situation record is discarded.

System action

Processing continues. If the situation is still open on the next collection sample, another attempt to create the record will be made.

System programmer response

Additional tracing (kobflg03 8) may be able to indicate where the problem is. If the issue is caused by a timeout, increase the value with the Tivoli OMEGAMON Manager to see if this corrects the issue.

KOBCM0133I The following Hub TEMS are *message_type* periodic situation sampling: *Hub_Name*

Explanation

The KOBENV environment file has a variable that provided a comma-separated case-sensitive list of hub TEMS names that will be either included or excluded from periodic situation data collection depending on the variable used. The list of these hub TEMS will be logged on subsequent lines, where:

- *message_type* = INCLUDED in | EXCLUDED from
- *Hub_Name* = the hub TEMS this message applies to.

System action

When periodic situation sampling occurs, the name of each known hub TEMS is checked against the list and will be skipped if it matches with a name on an exclude list, or it does not match with a name on an include list.

System programmer response

None.

KOBCM0134W Excluded hub name must be 32 characters or less: *Hub_Name*.

Explanation

A name on the KOB_SITST_INCLUDE_HUBS or KOB_SITST_EXCLUDE_HUBS environment variable exceeded the maximum length permitted for a hub TEMS name, where:

- *Hub_Name* = the hub TEMS this message applies to.

It will be ignored by the Tivoli OMEGAMON Manager when checking hub TEMS names to either include or exclude from sampling.

System action

Processing continues. If the situation is still open on the next collection sample, another attempt to create the record will be made.

System programmer response

Correct the variable value. The Tivoli OMEGAMON Manager will need to be restarted to use changed settings.

KOBCM0135I All hubs to be included in periodic situation sampling.

Explanation

The Tivoli OMEGAMON Manager will periodically sample all hub TEMS discovered and recorded in the registry for situation data.

System action

None.

System programmer response

None.

KOBCM0136W Both KOB_SITST_INCLUDE_HUBS and KOB_SITST_EXCLUDE_HUBS are specified. Values for KOB_SITST_INCLUDE_HUBS will be ignored.

Explanation

When processing the environment variables at Tivoli OMEGAMON Manager startup, entries were found for both the KOB_SITST_INCLUDE_HUBS and KOB_SITST_EXCLUDE_HUBS. As these environment variables conflict with each other, the value for KOB_SITST_INCLUDE_HUBS is ignored while the value for KOB_SITST_EXCLUDE_HUBS will be processed and applied.

System action

Processing continues.

System programmer response

Check the environment variable settings and make corrections. The Tivoli OMEGAMON Manager will need to be restarted to use changed settings.

KOBCM0137I Situation Data Collection disabled.

Explanation

No periodic situation data collection will take place against any hub TEMS. Real-time situation data collection will take place if a user navigates to the Enterprise Status Tree workspace or refreshes that workspace.

System action

None.

System programmer response

None.

KOBDR001W **server pthread_attr_init failed.**
 rc=return_code

Explanation:

The attempt to set thread attributes needed to continue initializing the KOBAGENT Data Retrieval Agent has failed.

System action:

Initialization continues.

User response:

It is likely this KOBAGENT instance is unusable. Try restarting the address space. If the problem persists, contact IBM Software Support.

KOBDR002W **server pthread_create failed.**
 rc=return_code

Explanation:

The attempt to start the main TCP/IP server thread within the KOBAGENT data retrieval agent has failed.

System action:

The data retrieval agent is unable to process client requests.

User response:

It is likely this KOBAGENT instance is unusable. Try restarting the address space if problem persists contact IBM Support. If the problem persists, contact IBM Software Support.

KOBDR003W **Data Retrieval Agent is not**
 registered. Registration stage
 stage failed with Return Code =
 return_code

Explanation

stage can assume the follow values:

Discover Host IP Data

The TCP/IP host name of the LPAR where this address space is located could not be determined. Additional information for this failure can be:

```
+ gethost_rc =return_code, gethost_errno =  
error_code  
+ hostname = host_name  
+ getaddr_rc = return_code, getaddr_errno =  
error_code  
+ freeaddr_rc = return_code, freeaddr_errno =  
error_code
```

Resolve IP Address

The IP address associated with the host name could not be determined

Discover HUB Data

The hub name and IP information for this agent could not be determined

Register DRA

The attempt to register the information for this data retrieval agent with the IWMSRSRG service failed

System action:

The data retrieval agent is unable to process client requests.

User response:

It is likely this KOBAGENT instance is unusable. Try restarting the address space if problem persists contact IBM Support. If the problem persists, contact IBM Software Support.

KOBDR004W **client pthread_attr_init failed.**
 rc=return_code

Explanation:

The attempt to set thread attributes needed to initialize the query processing thread in the KOBAGENT data retrieval agent has failed.

System action:

The query is abandoned.

User response:

Retry the workspace associated with this failure. If the problem persists, contact IBM Software Support.

KOBDR005W **client pthread_create failed.**
 rc=return_code

Explanation:

The attempt to initialize the query processing thread in the KOBAGENT data retrieval agent has failed.

System action:

The query is abandoned.

User response:

Retry the workspace associated with this failure. If the problem persists, contact IBM Software Support.

KOBDR006E **ERROR: storage_type storage**
 unavailable

Explanation

The attempt to acquire storage within the address space failed. The storage types involved are:

Send block

1 megabyte is requested

Send buffer

64K bytes is requested

Row buffer

4K bytes is requested

System action:

The query is abandoned.

User response:

Retry the workspace associated with this failure. If the problem persists, contact IBM Software Support.

KOBDR007E **ERROR: input buffer storage unavailable**

Explanation:

The attempt to acquire storage to receive query from the enhanced 3270 user interface address space has failed.

System action:

The query is abandoned.

User response:

Retry the workspace associated with this failure. If the problem persists, contact IBM Software Support.

KOBDR008E **stage failure (return_code)**

Explanation

The attempt to start the SQL request in the data retrieval agent failed at stage *stage* with code *return_code*, where *stage* is one of:

SQL1_CreateAccessPlan

specifies the query to submit

SQL1_CreateRequest

establishes connection with agent

SQL1_GetInputSQLDA

allows for variable input values

SQL1_OpenRequest

collects a table sample

SQL1_GetOutputSQLDA

provides structure for return row

System action:

The query is abandoned.

User response:

Retry the workspace associated with this failure. If the problem persists, contact IBM Software Support.

KOBDR009E **error for SQL, sqlStatus(%d)**

Explanation:

Fetching row data failed.

System action:

The query is abandoned.

User response:

Retry the workspace associated with this failure. If the problem persists, contact IBM Software Support.

KOBDR010E **ERROR: Row buffer storage too small**

Explanation:

Fetching row data failed.

System action:

The query is abandoned.

User response:

Retry the workspace associated with this failure. If the problem persists, contact IBM Software Support.

KOBDR011E **SQL processing error in call stage. Return code is return_code. clsocket is socket**

Explanation:

Documents failure of an SQL request. This message is usually preceded or followed by KOBDR006E, KOBDR0007E, KOBDR008E, KOBDR009E, or KOBDR010E.

System action:

The query is abandoned.

User response:

Retry the workspace associated with this failure. If the problem persists, contact IBM Software Support.

KOBDR012E **function function failed with error code code (code_name) at line line_number.**
Reason
Action

Explanation:

This message documents many of the possible TCP/IP error codes. The *Action* text may suggest a corrective step.

System action:

The query is abandoned.

User response:

if there is an action mentioned that can be implemented try taking that action. Otherwise, contact IBM Software Support.

KOBDR013I **sent nnn bytes to address space name and SMFID + for sequence # = xxxxxxxx_xxxxxxx,table = appl.table**

Explanation

This message documents the number of bytes returned for this query, where:

- *nnn* is the count of bytes sent
- *address space name and SMFID* is the name and SMFID of the job
- *xxxxxxx_xxxxxxx* is the sequence number tied to the request
- *appl.table* is the name of the application and the table submitting the query

System action:

None

User response:

None

KOBDR020W **CreateRequest failed, possibly due to missing TEMS Catalog entries. Resolve this by adding application support files (seeding) for 'appl.table in the target {TEMS | Remote TEMS}: monitoring_server_name**

Explanation

Message KOBDR020W indicates that a query was relayed by this KOBAGENT (Data Retrieval Agent) to a remote or hub monitoring server that does not contain the necessary monitoring server catalog entries (application support files).

System action

The query fails and any enhanced 3270 user interface workspace that needs the results might be missing data.

System programmer response

Apply application support (also known as seeding) to the necessary remote and hub monitoring server.

KOBDR023I **Host address discovery**

Explanation

Message KOBDR023I is an internal trace message that is displayed during KOBAGENT (Data Retrieval Agent) Host IP address discovery.

System action

None.

System programmer response

None.

KOBDR024I **gethostname() rc(return_code), name(hostname)**

Explanation

Message KOBDR024I is an internal trace message that is displayed during KOBAGENT (Data Retrieval Agent) Host IP address discovery, which shows the result of the gethostname service.

System action

None.

System programmer response

None.

KOBDR025I **IRA_GetHostname() name(hostname)**

Explanation

Message KOBDR025I is an internal trace message that is displayed during KOBAGENT (Data Retrieval Agent) Host IP address discovery, which shows the result of the IRA_GetHostname service.

System action

None.

System programmer response

None.

KOBDR026I **Host name priority: #1
IRA_GetHostname(hostname) #2
gethostname(hostname) or
Host name priority: #1
gethostname(hostname) #2
IRA_GetHostname(hostname)**

Explanation

This message displays the host name or names on which the Data Retrieval Agent is running. The gethostname() value can be given priority over the IRA_GetHostname value (not the default behavior) by supplying the user configuration value KOB_USE_IRA_HOSTNAME=N in the KxxENV file.

System action

None.

System programmer response

None.

KOBDR027I **hostname(hostname) details:**

Explanation

Message KOBDR027I is an internal trace message that is displayed during KOBAGENT (Data Retrieval Agent) Host IP address discovery.

System action

None.

System programmer response

None.

KOBDR030I **getaddrinfo().2 flags nnn family
nnn type nnn proto nnn addrlen
nnn**

Explanation

Message KOBDR030I is an internal trace message that is displayed during KOBAGENT (Data Retrieval Agent) Host IP address discovery, which shows the result of the getaddrinfo service.

System action

None.

System programmer response

None.

KOBDR031I **getaddrinfo().3 address:
getaddrinfo_returned_answer**

Explanation

Message KOBDR031I is an internal trace message that is displayed during KOBAGENT (Data Retrieval Agent) Host IP address discovery, which shows the result of the getaddrinfo service.

System action

None.

System programmer response

None.

KOBDR032E **Unable to obtain DRA Host
Address, cannot run DRA**

Explanation:

The Data Retrieval Agent (DRA), a component of the OMEGAMON enhanced 3270 user interface (enhanced 3270UI), was not able to initialize due to a failure in an attempt to use z/OS UNIX System Services TCP/IP services (for example, to obtain the Host system TCP/IP address).

System action:

The DRA will terminate initialization as it cannot function without TCP/IP. TCP/IP is required for communication between the DRA and the enhanced 3270UI (TOM) address space.

System programmer response

Perform the following actions:

- Verify that TCP/IP has been started and is running in the Host system where the DRA is running.
- Verify that TCP/IP has been started before starting the address space where the DRA will be running.
- Verify that a Security System OMVS Segment has been defined for the address space where the DRA is running.

KOBDR033I **Forcing use of a single TCP
IPv4 interface(IPv4_address_text)
(IPv4_address_text) or Forcing
use of a single TCP
IPv6 interface(IPv6_address_text)
(IPv6_address_text)**

Explanation

The user configuration value KOB_USE_ONE_INTERFACE=Y was set in the KxxENV file, so the TCP "listen" for the Data Retrieval Agent component is done on just a single network interface, rather than on all network interfaces on this host.

System action

None.

System programmer response

None.

KOBDR037I **{host | hub} property =
property_value**

Explanation

A Hub Tivoli Enterprise Monitoring Server and local Host address were successfully discovered and the listed values are the related network addresses, port numbers, and names. The Host Port value is the TCP port number on which this address space "listens" for inbound requests from Tivoli OMEGAMON Manager address spaces. The possible properties are shown in the following list:

- Host Name
- Host Address IPv4
- Host Address IPv6
- Host Port
- Host Family
- Hub Name
- Hub Address
- Hub Port

System action

None.

System programmer response

None.

KOBDR043I Hub IP addr = *IP_address*,
port = *port_number*, orig =
monitoring_server_name

Explanation

A Hub Tivoli Enterprise Monitoring Server was successfully discovered and the listed values are its network address, port number, and monitoring server name.

System action

None.

System programmer response

None.

KOBDR044I Hub Name =
hub_monitoring_server_name Hub
Address =
hub_monitoring_server_address
Hub Port =
hub_monitoring_server_port_number

Explanation

A Hub Tivoli Enterprise Monitoring Server was successfully rediscovered and the listed values are the related network addresses, port numbers, and names.

System action

None.

System programmer response

None.

KOBDR045I {Call to | Back from} {Init_HUB |
Drop_HUB}()

Explanation

These messages indicate the processing flow of Hub Tivoli Enterprise Monitoring Server discovery within the KOBAGENT (Data Retrieval Agent).

System action

None.

System programmer response

None.

KOBDR046I *programFlowDetails_controlBlockInformation*

Explanation:

This internal trace message is displayed during data retrieval agent (DRA) processing, showing program flow details and internal control block information.

System action:

None.

System programmer response:

None.

KOBDR047I **KOB_DRA_BACKLOG value=x is specified**

Explanation:

The configuration parameter **KOB_DRA_BACKLOG** with the value of *x* has been found in the *KppENV* member of the *RKANPAR* DD concatenation, where *pp* is the two-character product code.

System action:

The data retrieval agent (DRA) will process the parameter.

User response:

No action is required.

KOBDR048W **Incorrect KOB_DRA_BACKLOG value=x is specified.**
+ Allowed values are integers from min to max.
+ Default value of y is assigned

Explanation:

The configuration parameter **KOB_DRA_BACKLOG** has the value of *x*, which is incorrect. A correct value should be an integer within the limits displayed in the message.

System action:

The data retrieval agent (DRA) will process the **KOB_DRA_BACKLOG** parameter using the default value of *y*.

User response:

Correct the **KOB_DRA_BACKLOG** parameter value to be within the allowed range, or accept the default. The updated value will be picked up when the DRA is restarted.

KOBDR049I **Default DRA backlog value=x will be used**

Explanation:

The configuration parameter **KOB_DRA_BACKLOG** was not specified.

System action:

The data retrieval agent (DRA) will continue initialization using the default value of x.

User response:

No action is required.

KOBGW0000I enhanced 3270 user interface address space initialized successfully.

Explanation:

The address space has started.

System action:

None

User response:

None

KOBGW0001I enhanced 3270 user interface address space terminated successfully.

Explanation:

The address space has terminated without error.

System action:

None

User response:

None

KOBGW0002E The enhanced 3270 user interface address space terminated with errors.

Explanation:

The address space terminated, but errors were detected in one or more phases of the shutdown.

System action:

The address space terminates.

User response:

Check accompanying messages and forward the job message log to IBM Software Support.

KOBGW0003E The enhanced 3270 user interface address space is not APF-authorized.

System action:

The address space terminates.

User response:

Make sure that the enhanced 3270 user interface address space started task STEPLIB load libraries are APF-authorized and restart the task.

KOBGW0004E enhanced 3270 user interface CVT eyecatcher invalid at storage free.

Explanation:

The enhanced 3270 user interface CVT control block storage has been corrupted.

System action:

The address space terminates.

User response:

Contact IBM Software Support.

KOBGW0005E Name/Token IEANTCR failed rc=return_code.

Explanation:

The z/OS Name/Token services call used to create an anchor for the enhanced 3270 user interface address space CVT failed with the return code given.

System action:

The address space terminates.

User response:

Contact IBM Software Support.

KOBGW0006E EXTRACT parameter list allocation failed.

Explanation:

Storage could not be acquired for a z/OS service to establish a communication area for operator console communications.

System action:

The address space terminates.

User response:

Contact IBM Software Support.

KOBGW0007E Name/Token IEANTDL failed rc=return_code.

Explanation:

The z/OS Name/Token services call used to delete an anchor for the enhanced 3270 user interface address space CVT failed with the return code given.

System action:

The address space terminates.

User response:

Contact IBM Software Support.

KOBGW0008E Attempt to free enhanced 3270 user interface CVT failed.

Explanation:

Freeing of the enhanced 3270 user interface address space anchor control block failed. The CVT control block storage has been corrupted.

System action:

The address space terminates.

User response:

Contact IBM Software Support.

KOBGW0009E SYSEVENT parameter list allocation failed.

Explanation:

Storage could not be acquired for a z/OS service to make the enhanced 3270 user interface address space nonswappable.

System action:

The address space terminates.

User response:

Contact IBM Software Support.

KOBGW0010E ATTACHX parameter list allocation failed.

Explanation:

Storage could not be acquired for a z/OS service to start a enhanced 3270 user interface address space subcomponent.

System action:

The address space terminates.

User response:

Contact IBM Software Support.

KOBGW0011I User interface subcomponent subcomponent started successfully.

Explanation:

Subcomponent *subcomponent* of the enhanced 3270 user interface address space user interface started successfully.

KOBGW0012E LOAD parameter list allocation failed.

Explanation:

Storage could not be acquired for a z/OS service to start an enhanced 3270 user interface address space subcomponent.

System action:

The address space terminates.

User response:

Call IBM Software Support.

KOBGW0013E Load of subcomponent module module failed. rc=return_code, rsn=reason_number

Explanation:

The z/OS service used to load the program required to start the Enhanced 3270 User Interface address space subcomponent *module* failed with return code *return_code* and reason code *reason_number*.

System action:

The address space terminates.

User response:

Call IBM Software Support.

KOBGW0014E pthread_attr_init() for subcomponent subcomponent

failed. rc=return_code, rsn=reason_number

Explanation:

A service to initialize attributes for starting a enhanced 3270 user interface address space subcomponent *subcomponent* failed with return code *return_code* and reason code *reason_number*.

System action:

The address space terminates.

User response:

Call IBM Software Support.

KOBGW0015E pthread_attr_setJST_np() for subcomponent subcomponent failed. rc=return_code, rsn=reason_number

Explanation:

A service to initialize the task ownership for starting a enhanced 3270 user interface address space subcomponent *subcomponent* failed with return code *return_code* and reason code *reason_number*.

System action:

The address space terminates.

User response:

Call IBM Software Support.

KOBGW0016E pthread_create() for subcomponent subcomponent failed. rc=return_code, rsn=reason_number

Explanation:

A service to start a thread for an enhanced 3270 user interface address space subcomponent *subcomponent* failed with return code *return_code* and reason code *reason_number*.

System action:

The address space terminates.

User response:

Call IBM Software Support.

KOBGW0017I Subcomponent subcomponent started.

Explanation:

The enhanced 3270 user interface address space subcomponent *subcomponent* started successfully.

KOBGW0018E Request router queue initialization failed. rc=return_code.

Explanation:

A problem occurred in the initialization of the communication queue between the user interface and the request router.

System action:

The address space terminates.

User response:

Contact IBM Software Support.

KOBGW0019E Request router queue destroy failed. rc=return_code.

Explanation:

A problem occurred with the destruction of the communication queue between the user interface and the request router.

System action:

The address space terminates.

User response:

Contact IBM Software Support.

KOBGW0020E KOBBC_IO_Term() failed. rc=return_code.

Explanation:

A problem occurred with the destruction of the file descriptor table.

System action:

The address space terminates.

User response:

Contact IBM Software Support.

KOBGW0021E Delete of LPA-based load modules failed.

Explanation:

A problem occurred during the deletion of load modules loaded dynamically into the Link Pack Area (LPA).

System action:

The address space terminates.

User response:

Contact IBM Software Support.

KOBGW0022E Allocation of registry root area failed.

Explanation:

Allocation of storage for the enhanced 3270 user interface registry root area failed

System action:

The address space terminates.

User response:

Contact IBM Software Support.

KOBGW0023E Allocation of request router base area failed.

Explanation:

Storage could not be acquired for a enhanced 3270 user interface request router storage area.

System action:

The address space terminates.

User response:

Contact IBM Software Support.

KOBGW0024E Allocation of trace base area failed.

Explanation:

Storage could not be acquired for a enhanced 3270 user interface trace storage area.

System action:

The address space terminates.

User response:

Contact IBM Software Support.

KOBGW0025E LPA-based function load/registration failed. rc=return_code, rsn=error_reason, rsn2=error_reason2.

Explanation:

enhanced 3270 user interface load modules could not be loaded into the Link Pack Area (LPA) or the registration of the modules' functions in the GWCVT anchored function table was unsuccessful. Further information related to the reason codes may be found in the "CSVDYLPA -- Provide Dynamic LPA Services" section of the *MVS Programming: Authorized Assembler Services Reference, Volume 1 (ALE-DYN)*.

System action:

The address space terminates.

User response:

Contact IBM Software Support.

KOBGW0026E KOBBC_IO_Init() failed. rc=return_code, rsn=error_reason, rsn2=error_reason2.

Explanation:

The allocation and initialization of the enhanced 3270 user interface file descriptor table failed

System action:

The address space terminates.

User response:

Contact IBM Software Support.

KOBGW0027E User interface subcomponent subcomponent start up failed. rc=return_code

Explanation:

The enhanced 3270 user interface address space subcomponent *subcomponent* could not be started due to error *return_code*.

System action:

The address space terminates.

User response:

Contact IBM Software Support.

KOBGW0028E The enhanced 3270 user interface address space initialized with errors.**Explanation:**

The enhanced 3270 user interface address space initialized, but errors were detected in one or more phases of the start up.

System action:

The address space terminates.

User response:

Check accompanying messages and forward the job message log to IBM Software Support.

KOBGW0029E CSVDYLPA REQUEST=ADD failure rc = return_code, rsn = error_reason.**Explanation:**

Loading of Link Pack Area (LPA) modules at initialization of the enhanced 3270 user interface failed, with the return and reason codes displayed in message.

System action:

The address space terminates.

User response:

Check accompanying messages and forward the job message log to IBM Software Support.

KOBGW0030E One or more modules could not be loaded into LPA.**Explanation:**

Loading of Link Pack Area (LPA) modules at enhanced 3270 user interface initialization failed with return code 4.

System action:

The address space terminates.

User response:

Check accompanying messages and forward the job message log to IBM Software Support.

KOBGW0031I Module *module* loaded into LPA successfully at loadpoint, entry point *entrypoint*.**Explanation:**

Module *module* was dynamically loaded into LPA at load point *loadpoint*. Its entry point is at location *entrypoint*

System action:

Address space initialization continues.

KOBGW0032E Load of module *module* failed. pcode = *pppp*, rtncd/abndcd = *xxxx*, rsncd/abndrsn = *yyyy*.**Explanation:**

Dynamic load of load module *module* failed with the return, abend reason, and abend reason codes displayed in the second line of the message. Further information related to the reason codes may be found in the "CSVDYLPA -- Provide Dynamic LPA Services" section of the *MVS Programming: Authorized Assembler Services Reference, Volume 1 (ALE-DYN)*.

System action:

The address space terminates.

User response:

Check accompanying messages and forward the job message log to IBM Software Support.

KOBGW0033E CSVDYLPA DELETE failure. rc = return_code, rsn =error_reason.**Explanation:**

Deletion of dynamically loaded Link Pack Area (LPA) modules failed with return code *return_code* and reason code *error_reason*.

System action:

The address space termination continues.

User response:

Check accompanying messages and forward the job message log to IBM Software Support.

KOBGW0034E One or more modules could not be deleted from LPA.**Explanation:**

Deletion of Link Pack Area (LPA) modules at termination of the enhanced 3270 user interface failed with return code 4.

System action:

The address space termination continues.

User response:

Check accompanying messages and forward the job message log to IBM Software Support.

KOBGW0035I Module *module* deleted from LPA successfully.**Explanation:**

Load module *module* was dynamically deleted from the Link Pack Area (LPA) successfully.

System action:

Termination of the address space continues.

KOBGW0036E Delete of module *module* from LPA failed. pcode = *pppp*, rtncd/abndcd = *xxxx*, rsncd/abndrsn = *yyyy*.**Explanation:**

Dynamic deletion of load module *module* failed with the return, abend reason, and abend reason codes displayed in the second line of the message. Further information related to the reason codes may be

found in the "CSVDYLPA -- Provide Dynamic LPA Services" section of the *MVS Programming: Authorized Assembler Services Reference, Volume 1 (ALE-DYN)*.

System action:

Termination of the address space continues.

User response:

Check accompanying messages and forward the job message log to IBM Software Support.

KOBGW0037E **KOBGW_LoadLPAFunction() registration failed. rc = return_code, errno = error_number, rsno = reason_number.**

Explanation:

Registration of an Link Pack Area (LPA) based enhanced 3270 user interface address space function failed with return code *return_code*, errno *error_number* and rsno *reason_number*.

System action:

The address space terminates.

User response:

Recreate the error with debugging mode switched on. Establish debugging mode by specifying the following in the RKANPARU(KOBENV) member before starting the enhanced 3270 user interface address space: TRACEV1=TRACE KOBGWLPA, 1. Check accompanying messages and forward the job message log to IBM Software Support.

KOBGW0038E **Module module function registration failed rc = return_code, errno = error_number, errno2 = error_number2.**

Explanation:

The entry point initialization routine for dynamically loaded Link Pack Area (LPA) module *module* failed with the return and reason codes displayed in the message.

System action:

The address space terminates.

User response:

Recreate the error with debugging mode switched on. Establish debugging mode by specifying the following in the RKANPARU(KOBENV) member before starting the enhanced 3270 user interface address space: TRACEV1=TRACE KOBGWLPA, 1. Check accompanying messages and forward the job message log to IBM Software Support.

KOBGW0039E **RESMGR output token address parameter is zero.**

Explanation:

A problem occurred with the start of a component enhanced 3270 user interface address space. The value of the RESMGR TOKEN= keyword parameter is zero.

System action:

The address space terminates.

User response:

This is a program error. Contact IBM Software Support.

KOBGW0040E **Allocation of the resource manager LOAD parameter list failed.**

Explanation:

Insufficient storage is available to allocate the parameter list for LOAD.

System action:

The address space terminates.

User response:

Determine whether there were storage shortage problems at the time of the error and contact IBM Software Support.

KOBGW0041E **Load of resource manager KOBRSMGR failed. rc = return_code, rsn = error_reason.**

Explanation:

The LOAD of the enhanced 3270 user interface address space resource manager routine failed with the return and reason codes displayed in the message.

System action:

The address space terminates.

User response:

Contact IBM Software Support.

KOBGW0042E **Allocation of the parameter list for RESMGR ADD failed.**

Explanation:

Insufficient storage is available to allocate the parameter list for RESMGR ADD.

System action:

The address space terminates.

User response:

Contact IBM Software Support.

KOBGW0043E **Allocation of the parameter list for RESMGR DELETE failed.**

Explanation:

Insufficient storage is available to allocate the parameter list for RESMGR DELETE, causing a problem with the start of the enhanced 3270 user interface address space.

System action:

The address space terminates.

User response:

Contact IBM Software Support.

KOBGW0044E **Establishment of resource manager failed rc = return_code.**

Explanation:

Establishment of the enhanced 3270 user interface address space resource manager failed with the return code displayed in the message.

System action:

The address space terminates.

User response:

Contact IBM Software Support.

KOBGW0045E Attempt to free the resource manager LPA module table failed.
Explanation:

The enhanced 3270 user interface address space resource manager routine attempted to delete a dynamically loaded LPA module and failed.

System action:

The address space terminates.

User response:

Contact IBM Software Support.

KOBGW0046E Deletion of resource manager failed rc = return_code
Explanation:

Deletion of enhanced 3270 user interface address space resource manager failed. Further information related to the reason codes may be found in the "RESMGR -- Add or Delete a Resource Manager" section of the *MVS Programming: Authorized Assembler Services Reference, Volume 3 (LLA-SDU)*.

System action:

The address space terminates.

User response:

Contact IBM Software Support.

KOBGW0047I enhanced 3270 user interface CVT freed by resource manager.
Explanation:

Anchor control block storage for the enhanced 3270 user interface address space was freed successfully during resource manager processing.

System action:

Resource manager processing continues.

User response:

None.

KOBGW0048E Resource Manager KOBGW_DeleteLPAFunction() failed rc = return_code
Explanation:

The deletion of dynamically-loaded LPA modules failed during resource manager processing with the return code displayed in the message.

System action:

Resource manager processing continues.

User response:

Contact IBM Software Support.

KOBGW0049E LPA_Term() in resource clean up failed rc = return_code.
Explanation:

During processing by the enhanced 3270 user interface address space resource manager, the routine handling the deletion of dynamically loaded LPA modules failed with the return code displayed in the message.

System action:

Resource manager processing continues.

User response:

Contact IBM Software Support.

KOBGW0050E deleteLPAmodTabFromESQA() in resource clean up failed rc = return_code.
Explanation:

During processing by the enhanced 3270 user interface address space resource manager, the routine handling the freeing of a common storage area used during deletion of dynamically loaded LPA modules failed with the return code displayed in the message.

System action:

Resource manager processing continues.

User response:

Contact IBM Software Support.

KOBGW0051E free_GWCVT() in resource clean up failed rc = return_code.
Explanation:

The anchor control block storage for the enhanced 3270 user interface address space could not be freed during resource manager processing for the reason in the return code displayed in the message.

System action:

Resource manager processing continues.

User response:

Contact IBM Software Support.

KOBGW0052I KOBRSMGR resource manager routine entered.
Explanation:

The enhanced 3270 user interface address space resource manager routine installed to clean up orphaned, critical resources was entered due to an operator CANCEL command.

System action:

Resource manager processing continues.

User response:

Investigate the reason for the operator CANCEL command being issued.

KOBGW0053I **KOBRSMGR resource manager routine completed**

Explanation:

The enhanced 3270 user interface address space resource manager routine installed to clean up orphaned, critical resources completed its processing.

System action:

Resource manager processing continues.

User response:

Investigate the reason for the operator CANCEL command being issued. Also check for any error messages issued during normal user interface address space processing and in the resource manager processing.

KOBGW0054E **Command table entry for thread *thread* not found. rsn = *reason_code*.**

Explanation:

The subcomponent has not registered to receive commands. The failure to register was discovered in the subcomponent command processing routine. The reason code will help to determine the cause of the problem.

System action:

The subcomponent command processing routine terminates.

User response:

Contact IBM Software Support.

KOBGW0055E **Attempt to get command from the subcomponent command queue failed. rc = *return_code*, rsn = *error_reason*, rsn2 = *error_reason*.**

Explanation:

The subcomponent command processing routine experienced a failure attempting to read a command from its command queue. The return and reason codes will help to determine the cause of the problem.

System action:

The subcomponent command processing routine terminates.

User response:

Contact IBM Software Support.

KOBGW0056E **Subcomponent command processing routine failed. rc = *return_code*, rsn = *error_reason*, rsn2 = *error_reason2*.**

Explanation:

The subcomponent experienced a failure while processing a command. The return code and reason codes will help to determine the cause of the problem.

System action:

The subcomponent command processing routine terminates.

User response:

Contact IBM Software Support.

KOBGW0057E **Command table entry for thread *thread_name* not found. rsn = *error_reason*.**

Explanation:

During subcomponent command registration no thread table entry was found for subcomponent thread *thread_name*. The reason code will help to determine the cause of the problem.

System action:

The subcomponent thread terminates.

User response:

Contact IBM Software Support.

KOBGW0058E **Command *command* is longer than 16 characters.**

Explanation:

During subcomponent command registration, registration of a command name with a length greater than the maximum 16 characters allowed was specified.

System action:

The subcomponent thread terminates.

User response:

Contact IBM Software Support.

KOBGW0059E **Creation of subcomponent command queue failed. rc = *return_code*, rsn = *error_reason*, rsn2 = *error_reason2*.**

Explanation:

During subcomponent command registration, the creation of the subcomponent's command queue failed. The return code and reason codes will help to determine the cause of the problem.

System action:

The subcomponent thread terminates.

User response:

Contact IBM Software Support.

KOBGW0060E **pthread_attr_init() for subcomponent message thread failed. rc = *return_code*, rsn = *error_reason*, rsn2 = *error_reason2*.**

Explanation:

During the subcomponent launch of its command processing thread, the initialization of thread attributes failed. The return code and reason codes will help to determine the cause of the problem.

System action:

The subcomponent thread terminates.

User response:

Contact IBM Software Support.

KOBGW0061E pthread_create() for subcomponent message thread failed. rc = return_code, rsn = error_reason, rsn2 = error_reason2.

Explanation:

During the subcomponent launch of its command processing thread, the creation of the thread failed. The return code and reason codes will help to determine the cause of the problem.

System action:

The subcomponent thread terminates.

User response:

Contact IBM Software Support.

KOBGW0062E Command table entry for thread thread not found. rsn = reason_code.

Explanation:

During subcomponent command deregistration, no thread table entry was found for subcomponent thread thread. The reason code will help to determine the cause of the problem.

System action:

The subcomponent thread terminates.

User response:

Contact IBM Software Support.

KOBGW0063E Destruction of command table entry queue failed. rc = return_code, rsn = error_reason.

Explanation:

During subcomponent command deregistration, the destruction of the subcomponent command queue failed. The return code and reason code will help to determine the cause of the problem.

System action:

The subcomponent thread terminates.

User response:

Contact IBM Software Support.

KOBGW0064E No command text specified in the command buffer.

Explanation:

A command issued to the subcomponent did not contain any command text.

System action:

Processing continues and the subcomponent waits for another command.

User response:

Make sure that the command issued was specified correctly. If a command greater than 16 characters in length is documented, this is an error. Contact IBM Software Support.

KOBGW0065E Command table entry for thread thread not found. rsn = reason_code.

Explanation:

While issuing a command for a subcomponent, no thread table entry was found for subcomponent thread thread. The reason code will help to determine the cause of the problem.

System action:

Processing continues and the subcomponent waits for another command.

User response:

Contact IBM Software Support.

KOBGW0066E Add of command to command queue failed. rc = return_code, rsn = error_reason, rsn2 = error_reason2.

Explanation:

A command issued for the subcomponent could not be added to the subcomponent's command queue. The return code and reason codes will help to determine the cause of the problem.

System action:

Processing continues and the subcomponent waits for another command.

User response:

Contact IBM Software Support.

KOBGW0067E pthread_join() failed. rc = return_code, rsn = error_reason, rsn2 = error_reason2.

Explanation:

An attempt to synchronize subcomponent termination with the main task on issuance of a STOP command to the subcomponent failed. The return code and reason codes will help to determine the cause of the problem.

System action:

The subcomponent processes the STOP command, but the subcomponent thread termination is not synchronized with the main thread, possibly forcibly terminating the subcomponent thread with an abnormal termination code.

User response:

Contact IBM Software Support.

KOBGW0068E Command *command* not supported by any active subcomponents.

Explanation:

A console command was entered but no active enhanced 3270 user interface subcomponent was registered for the command.

System action:

The interface continues to wait for the next console command.

User response:

A console command may have been mistyped. Retry the command. If the command is documented and entered correctly, contact IBM Software Support.

KOBGW0069E GW_Obtain_GWCVT_Address() returned NULL. rsn = *error_reason*, rsn2 = *error_reason2*.

Explanation:

A console command to stop the KOBVTAM subcomponent failed to find a required anchor control block. The reason codes may help determine the cause of the problem.

System action:

The KOBGWOBV subcomponent terminates without terminating the KOBVTAM subcomponent. The interface will continue to wait for console commands.

User response:

This is an internal error. Contact IBM Software Support and be prepared to supply the logs for the address space.

KOBGW0070E Session header block address is NULL.

Explanation:

A console command to STOP the KOBVTAM subcomponent failed to find the head of the session control block chain.

System action:

The KOBGWOBV subcomponent terminates without terminating the KOBVTAM subcomponent. The interface will continue to wait for console commands.

User response:

This is an internal error. Contact IBM Software Support and be prepared to supply the logs for the address space.

KOBGW0071W *nnnnn* UI sessions still have requests in progress. Waiting *nn* more seconds to allow requests to complete.

Explanation:

A console command to STOP the KOBVTAM subcomponent has been issued but the user interface

component has one or more sessions with active requests. The address space will wait for up to 60 seconds in 5 second increments or until no active user interface requests are detected. After 60 seconds a WTOR will be issued allowing the operator to extend the wait for active requests to complete.

System action:

The subcomponent KOBGWOBV will issue KOBGW0071W messages every 5 seconds until it detects all active user interface requests have completed. KOBGW0085I will be issued as a WTOR after 60 seconds if active user interface requests persist.

User response:

This message is most likely issued because at least one long-running request was still active when a console STOP command was issued against the address space. If, however, the duration of the request exceeds an expected amount of time, there may be a problem in the request path. If this is the case, contact IBM Software Support.

KOBGW0072W Maximum wait time for session requests to complete at termination exceeded

Explanation:

A console command to STOP the KOBVTAM subcomponent has been issued and the operator has responded to the KOBGW0085I WTOR to request that no further waiting for request completion be attempted.

System action:

The address space will terminate the KOBVTAM subcomponent. Any user interface sessions with active requests will be forcibly terminated.

User response:

The termination of the KOBVTAM subcomponent may be premature if a long-running request has not been given enough time to complete. If the request should have completed within the allowed interval, capture the logs for the address space and the hub Tivoli Enterprise Monitoring Server from which data was being requested and contact IBM Software support.

KOBGW0073W Sessions with active requests will be forcibly terminated.

Explanation:

A console command to STOP the KOBVTAM subcomponent has been issued and the operator has responded to the KOBGW0085I WTOR to request that no further waiting for request completion be attempted.

System action:

The address space will terminate the KOBVTAM subcomponent. Any user interface sessions with active requests will be forcibly terminated.

User response:

The termination of the KOBVTAM subcomponent may be premature if a long-running request has not been given enough time to complete. If the request should have completed within the allowed interval, capture the logs for the address space and the hub Tivoli Enterprise Monitoring Server from which data was being requested and contact IBM Software support.

KOBGW0074E **OBVTAM STOP processing failed rc = return_code, rsn = error_reason, rsn2 = error_reason2.**

Explanation:

The STOP console command to terminate the KOBVTAM subcomponent failed with the return and reason codes provided.

System action:

The KOBVTAM subcomponent will not be terminated by the current command. The address space will continue to wait for other console commands.

User response:

Other messages preceding KOBGW0074E will help in determining the cause of the problem in addition to the return and reason codes displayed.

KOBGW0075E **OBVTAM command *command* not supported by command handler.**

Explanation:

The KOBGWOBV command handling process does not support the command *command*.

System action:

The KOBGWOBV subcomponent returns and the address space continues to wait for other console commands.

User response:

This is an internal error. Contact IBM Software Support and be prepared to supply the logs for the address space.

KOBGW0076E **Command registration in KOBGWOBV subcomponent failed. rc = return_code, rsn = error_reason, rsn2 = error_reason2.**

Explanation:

KOBGWOBV failed to register for address space console commands.

System action:

The KOBGWOBV subcomponent returns and the address space continues to wait for other console commands. The KOBVTAM subcomponent will not be able to respond to console commands.

User response:

This is an internal error. Contact IBM Software Support and be prepared to supply the logs for the address space.

KOBGW0077E **Command wait in KOBGWOBV subcomponent failed. rc = return_code, rsn = error_reason, rsn2 = error_reason2.**

Explanation:

KOBGWOBV failed to establish the routine that waits for its registered console commands.

System action:

The KOBGWOBV subcomponent returns and the address space continues to wait for further console commands. The KOBVTAM subcomponent will not be able to respond to console commands.

User response:

This is an internal error. Contact IBM Software Support and be prepared to supply the logs for the address space.

KOBGW0078E **Command deregistration in KOBGWOBV subcomponent failed. rc = return_code, rsn = error_reason, rsn2 = error_reason2.**

Explanation:

KOBGWOBV failed to establish the routine that deregisters its registered console commands.

System action:

The KOBGWOBV subcomponent returns and the address space continues to wait for further console commands.

User response:

This is an internal error. Contact IBM Software Support and be prepared to supply the logs for the address space.

KOBGW0079E **KOBOBV_Update_Session_Status() TCBAAddress is NULL.**

Explanation:

A user interface session registration with the command handler supplied a NULL TCB address.

System action:

The user interface will issue a popup error message explaining that the session initialization failed.

User response:

This is an internal error. Contact IBM Software Support and be prepared to supply the logs for the address space.

KOBGW0080E **KOBOBV_Update_Session_Status() sessionStatus out of range (1 - 4). Value passed = nnnn**

Explanation:

The status parameter values supplied by the internal routine were outside the acceptable range?

System action:

The user interface will issue a popup error message explaining that the session request failed.

User response:

This is an internal error. Contact IBM Software Support and be prepared to supply the logs for the address space.

KOBGW0081E **GW_Obtain_GWCVT_Address() returned NULL. rsn = error_reason, rsn2 = error_reason2.**

Explanation:

A user interface session request failed to find a required anchor control block. The reason codes may help determine the cause of the problem.

System action:

The user interface will issue a popup error message explaining that the session request failed.

User response:

This is an internal error. Contact IBM Software Support and be prepared to supply the logs for the address space.

KOBGW0083E **Current session status is nnnn, requested status is nnnn - invalid transition.**

Explanation:

A user interface session request supplied a status value that is an invalid state to transition to from the current session status.

System action:

The user interface will issue a popup error message explaining that the session request failed.

User response:

This is an internal error. Contact IBM Software Support and be prepared to supply the logs for the address space.

KOBGW0084E **Current session status is nnnn, requested status is nnnn - invalid transition.**

Explanation:

A user interface session request supplied a status value that is an invalid state to transition to from the current session status.

System action:

The user interface will issue a popup error message explaining that the session request failed.

User response:

This is an internal error. Contact IBM Software Support and be prepared to supply the logs for the address space.

KOBGW0085I **Enhanced 3270 user interface session requests still active. Reply (Y)es to continue waiting.**

Explanation:

A console command to STOP the KOBVTAM subcomponent has been issued but the user interface component has one or more sessions with active requests. The address space has waited for 60 seconds in 5 second increments. After 60 seconds, this WTOR is issued allowing the operator to extend the wait for active requests to complete by replying to the console message number with a Y.

System action:

If the response to the WTOR is Y, the address space will wait up to another 60 seconds before reissuing the WTOR. If all user interface requests complete in that period, termination of the KOBVTAM subcomponent will continue normally.

User response:

This is an operator command WTOR. To continue waiting for active user interface requests to complete, respond Y or y to the console message. Any other response will result in sessions with active requests being forcibly terminated and possibly unpredictable results.

KOBGW0086E **KOBVTAM session TCB address address not found on session chain.**

Explanation:

A user interface session request supplied a TCB address representing the current session, but the session control block chain did not contain an entry containing the supplied address.

System action:

The user interface will issue a popup error message explaining that the session request failed.

User response:

This is an internal error. Contact IBM Software Support and be prepared to supply the logs for the address space.

KOBGW0087E **USS filepath: /tmp/zzz... open failed, fd = nn, errno = xxxx, errno2= xxxx.**

Explanation:

The enhanced 3270 user interface attempted to open a file in the z/OS UNIX System Services /tmp path with file name based on job name and job ID (e.g., /tmp/jobname.jobid.log).

System action:

The enhanced 3270 user interface writes this message to the system console and continues to run. All messages are written to the system console.

User response:

This is an internal error. Contact IBM Software Support and be prepared to supply the logs for the address space.

KOBGW0088E USS file close failed, fd = nn, errno = xxxx, errno2= xxxx.

Explanation:

The enhanced 3270 user interface attempted to close a file in the z/OS UNIX System Services /tmp path with the file name based on job name and job ID (/tmp/*jobname.jobid.log*).

System action:

The enhanced 3270 user interface writes this message to the system console and continues to run. All messages are written to the system console.

User response:

This is an internal error. Contact IBM Software Support and be prepared to supply the logs for the address space.

KOBGW0089E USS file path: /tmp/zzz... open failed, fd = nn, errno = xxxx, errno2= xxxx.

Explanation:

The enhanced 3270 user interface attempted to open or create a file in the z/OS UNIX System Services /tmp path with the file name based on job name and job ID (/tmp/*jobname.jobid.log*).

System action:

The enhanced 3270 user interface writes this message to the system console and continues to run. All messages are written to the system console.

User response:

This is an internal error. Contact IBM Software Support and be prepared to supply the logs for the address space.

KOBGW0090W Threshold parsing encountered an error in the following statement:

Explanation:

The parsing of a thresholds input file found an error in a threshold specifications statement contained in the text following this message.

System action:

The interface writes this message to the system console and continues to run. All messages are written to the system console.

User response:

Identify the threshold statement in the text following KOBGW0090W that contains a syntax error.

KOBGW0091W Threshold parsing completed with errors.

Explanation:

The parsing of a thresholds input file found one or more errors in the threshold specifications. Each error is contained in the text following the preceding KOBGW0090W message.

System action:

The interface writes this message to the system console and continues to run. All messages are written to the system console.

User response:

Identify the threshold statement in the text following each prior KOBGW0090W message that contains a syntax error.

KOBGW0092E KOBGW0092E: Allocation of command table failed. rc=return_code

Explanation:

Allocation of the internal table containing operator command processing information failed because sufficient storage is not available. storage

System action:

The interface address space terminates.

User response:

Contact IBM Software Support.

KOBGW0093E Initial setenv() failed rc = return_code, errno = error_reason, errno2 = error_reason2.

Explanation:

An operation to initialize an environmental variable during initialization of the interface address space failed with the return and reason codes in the message.

System action:

The address space terminates.

User response:

Contact IBM Software Support.

KOBGW0094E Allocation of session block header failed.

Explanation:

Insufficient storage is available to allocate a control block required for user interface session operations.

System action:

The address space terminates.

User response:

Try increasing the size of the region using the MEMLIMIT JCL parameter. If this does not correct the problem, contact IBM Software Support.

KOBGW0095E Allocation of thresholding cache header failed.

Explanation:

Insufficient storage is available to allocate a control block required for thresholding operations.

System action:

The address space terminates.

User response:

Try increasing the size of the region using the MEMLIMIT JCL parameter. If this does not correct the problem, contact IBM Software Support.

KOBGW0096E Deallocation of the command table failed. rc=return_code.

Explanation:

A problem occurred during an attempt to deallocate the internal table containing operator command processing information.

System action:

The address space terminates.

User response:

Contact IBM Software Support.

KOBGW0097W Dynamic load of modules into LPA requested but not supported. Modules loaded into private area.

Explanation:

Loading of function modules into the Link Pack Area was expected but was not allowed by the operating system. This might be due to the SAF-based security for the installation prohibiting the interface from performing dynamic LPA loading operations.

System action:

Address space initialization continues by loading function modules into the interface private area.

User response:

If loading of function modules into LPA is required, and supported by the level of operating system, check that the security controls established for loading and deleting modules dynamically into and from LPA allow the interface to perform these operations. If LPALOAD=Y is supplied as a parameter in the interface started task JCL, either eliminating the parameter or coding LPALOAD=N will prevent this message from being generated.

KOBGW0098E Allocate of function module LOAD parameter list failed.

Explanation:

Insufficient storage is available to allocate the z/OS LOAD parameter list required to load function modules into the enhanced 3270 user interface private area.

System action:

The enhanced 3270 user interface address space terminates.

User response:

Try increasing the size of the region using the REGION JCL parameter. If this does not correct the problem, contact IBM Software Support.

KOBGW0099I Status thresholds could not be established from member_name. rc = return_code

Explanation:

The enhanced 3270 user interface initialization could not establish thresholding for member *member_name* (CUASITE, IBMSITE, or *Kpp*THRSH, where *pp* is the 2-character product code).

System action:

Initialization of the address space continues.

User response:

The THRESHOLDS_SOURCE environmental variable or the libraries in the RKANPAR DD concatenation may specify the wrong DD name. Check to make sure the DD name is correct.

KOBGW0100W Open of threshold directory DD:directory_name failed. errno = error_number, rsno = error_reason.

Explanation:

Initialization of the enhanced 3270 user interface could not open the PDS directory allocation *directory_name* containing the status threshold members.

System action:

Address space initialization continues.

User response:

Contact IBM Software Support.

KOBGW0101W Read of threshold directory directory_name failed. errno = error_number, rsno = error_reason.

Explanation:

Initialization of the enhanced 3270 user interface could not read the next member of the PDS directory containing the status threshold members.

System action:

Initialization of the address space continues.

User response:

Contact IBM Software Support.

KOBGW0102W Close of threshold directory directory_name failed. errno = error_number, rsno = error_reason.

Explanation:

Initialization of the enhanced 3270 user interface could not close the PDS directory containing the status threshold members.

System action:

Initialization of the address space continues.

User response:

Contact IBM Software Support.

KOBGW0103I **Status thresholds successfully established from member *member_name*.**

Explanation:

Initialization of the enhanced 3270 user interface address space successfully established status thresholds from member *member_name*.

KOBLI0001E **Command registration in KOBLISTN subcomponent failed. rc = *return_code***

Explanation:

KOBLISTN failed to register for enhanced 3270 user interface console commands.

System action:

The KOBLISTN subcomponent returns and the enhanced 3270 user interface continues to wait for further console commands.

User response:

This is an internal error. Contact IBM Software Support and supply the logs for the enhanced 3270 user interface address space.

KOBLI0002E **Command wait in KOBLISTN subcomponent failed. rc = *return_code***

Explanation:

KOBLISTN failed to establish the routine that waits for its registered enhanced 3270 user interface console commands.

System action:

The KOBLISTN subcomponent returns and the enhanced 3270 user interface continues to wait for further console commands.

User response:

This is an internal error. Contact IBM Software Support and supply the logs for the enhanced 3270 user interface address space.

KOBLI0003E **Command deregistration in KOBLISTN subcomponent failed. rc = *return_code***

Explanation:

KOBLISTN failed to establish the routine that deregisters its registered enhanced 3270 user interface console commands.

System action:

The KOBLISTN subcomponent returns and the enhanced 3270 user interface continues to wait for further console commands.

User response:

This is an internal error. Contact IBM Software Support and supply the logs for the enhanced 3270 user interface address space.

KOBLI0004E **KOBLISTN STOP processing failed. rc = *return_code***

Explanation:

The enhanced 3270 user interface STOP console command to terminate the KOBLISTN subcomponent failed with the return code *rc*.

System action:

The KOBLISTN subcomponent will not be terminated by the current command. The enhanced 3270 user interface will continue to wait for other console commands.

User response:

Use other messages preceding KOBLI0004E in addition to the return and reason codes displayed to determine the cause of the problem.

KOBLI0005E **KOBLISTN TRACE command processing failed. rc = *return_code***

Explanation:

The enhanced 3270 user interface TRACE console command to begin tracing for the KOBLISTN subcomponent failed with return code *return_code*.

System action:

The KOBLISTN subcomponent will not be able to process the TRACE command. The enhanced 3270 user interface will continue to wait for other console commands.

User response:

Use other messages preceding KOBLI0004E in addition to the return code displayed to determine the cause of the problem.

KOBLI0006E **KOBLISTN command *command* not supported by command handler.**

Explanation:

The KOBLISTN command handling process does not support the command *command*.

System action:

The KOBLISTN subcomponent returns and the enhanced 3270 user interface continues to wait for further console commands.

User response:

This is an internal error. Contact IBM Software Support and supply the logs for the enhanced 3270 user interface address space.

KOBLI0007I **Processing command string =*command***

Explanation:

The KOBLISTN command handling routine is processing the *command* command.

System action:

None

User response:

None

KOBLI0008I The Trace Command supplied is command.

Explanation:

The KOBLISTN subroutine is echoing the command *command*.

System action:

None

User response:

None

KOBOD0000I ODI cache initialization has started.

Explanation:

The Object Definition Interchange (ODI) cache initialization (which may involve reading the DOC/ATR files for some applications) has started.

System action:

None

User response:

None

KOBOD0001I ODI cache initialization has completed.

Explanation:

The Object Definition Interchange cache initialization, which might involve reading the DOC/ATR files for some applications, has completed.

System action:

None.

User response:

None.

KOBOD0002I ODI cache termination has started.

Explanation:

The Object Definition Interchange (ODI) cache termination (which involves releasing all the storage for all applications in the cache) has started.

System action:

None

User response:

None

KOBOD0003I ODI cache termination has completed.

Explanation:

The Object Definition Interchange cache termination (which involves releasing all the storage for all applications in the cache) has completed.

System action:

None

User response:

None

**KOBOD0004E Error opening file
filename; rc=return_code,
errno=error_number,
rsnno=reason_number.**

Explanation:

An error occurred trying to open the DOC or ATR file for an application.

System action:

The Object Definition Interchange (ODI) loader subcomponent stops processing the DOC and ATR files for this application.

User response:

Verify the file exists and that its file permissions allow the enhanced 3270 user interface address space to read it.

**KOBOD0005E Error reading file
filename; rc=return_code,
errno=error_number,
rsnno=reason_number.**

Explanation:

An error occurred trying to read the DOC or ATR file for an application.

System action:

The Object Definition Interchange (ODI) loader subcomponent stops processing the DOC and ATR files for this application.

User response:

Verify the file exists in the files concatenated to the RKANDATV DD statement. If the file is not there, check for it in TKANDATV and try to replace the file. If the file is already in RKANDATV, try to access the file to verify its integrity. Also, check the log for security-related messages or some other type of I/O error. If the file is there, and you can access it, but the problem persists, or if the file is not present, call IBM Software Support.

**KOBOD0006E Error closing file
filename; rc=return_code,
errno=error_number,
rsnno=reason_number.**

Explanation:

An error occurred trying to close the DOC or ATR file for an application.

System action:

The Object Definition Interchange (ODI) loader subcomponent will try to use the DOC and ATR files for this application, if there were no errors reading or parsing the files.

User response:

Verify the file exists and that its file permissions allow the enhanced 3270 user interface address space to read it. Set the permissions to allow access if necessary.

KOBOD0007E **Error parsing DOC/ATR files for application *applid*, product code *product_code*; errno=*error_number*, rsno=*reason_number***

Explanation:

A problem was encountered parsing the information from the DOC or ATR file for the indicated application.

System action:

The Object Definition Interchange (ODI) loader subcomponent continues processing the DOC and ATR files looking for other parsing errors, but does not keep the information from these files in the ODI cache.

User response:

Since the DOC and ATR files are generated files, this error should only occur if a file has been corrupted or altered. Restore the original versions of these files.

KOBOD0008E **The DOC/ATR files for application *applid*, product code *product_code* will not be used due to errors.**

Explanation:

The DOC and ATR files for the indicated application will not be used because errors were encountered reading and parsing the ODI information from them.

System action:

The Object Definition Interchange (ODI) loader subcomponent does not add the ODI information for this application to the cache.

User response:

Refer to earlier error messages to determine the root cause of the error.

KOBOD0009E **Error allocating memory for ODI cache. errno=*error_number*, rsno=*reason_number***

Explanation:

An error occurred allocating memory to hold the Object Definition Interchange (ODI) cache information for this application.

System action:

The ODI loader subcomponent does not add the ODI information for this application to the cache.

User response:

The ODI cache is maintained in 64-bit virtual storage. Make sure the address space has been given sufficient storage to use for the ODI cache. If necessary, increase the value of the MEMLIMIT JCL parameter.

KOBOD0010E **The requested application product ID, *applid*, is not a registered application.**

Explanation:

A request for the Object Definition Interchange (ODI) information was received for an application product that is not registered with the OMEGAMON Enhanced 3270 user interface.

System action:

The ODI Loader subcomponent stops processing the request and returns an error return code.

User response

The ODI cache is maintained in 64-bit virtual storage. Verify that the address space has been given sufficient storage to use for the ODI cache. Verify that the runtime environment was copied correctly. Also, check that the ODI is referenced in the KOBFCGAP and KOBREGAP members of the data set that is referenced in the RKANPAR DDNAME concatenation list. If the members are present and the ODI is correctly referenced, but the problem persists, contact IBM Software Support.

Capture the following diagnostic information:

- The OMEGAMON Enhanced 3270 user interface SYSPRINT log file
- A directory listing of the data sets referenced by the OMEGAMON Enhanced 3270 user interface RKANPAR DD name
- A listing of the content for the members KOBFCGAP and KOBREGAP of the data set or data sets referenced in the RKANPAR DDNAME concatenation list

KOBOD0011E **The application product DOC file, *KppDOC*, was not found.**

Explanation:

The DOC file associated with an application could not be found by the Object Definition Interchange (ODI) loader component. The file names are the PDS member names that were used to locate the file. The *pp* value is the two-letter product code for the application that has the file missing.

System action:

The ODI loader subcomponent stops processing the DOC and ATR files for this application.

User response:

Verify that the *KppDOC* and *KppATR* files for the application product are located in the appropriate PDS

and that the location of the files is in the concatenation list for the RKANDATV DDNAME statement.

KOBOD0012E The application product ATR file, KppATR was not found.

Explanation:

The ATR file associated with an application could not be found by the ODI loader component. The file names show the PDS member name and z/OS UNIX System Services filename variations that were used.

System action:

None.

User response:

None.

KOBOD0013E The requested product code, product_code, is not a registered application.

Explanation:

An Object Definition Interchange (ODI) refresh request was received for a product code that is not registered with the enhanced 3270 user interface.

System action:

The ODI loader subcomponent stops processing the request and returns an error return code.

User response:

Verify that the application has been properly installed and registered with the enhanced 3270 user interface and retry the request.

KOBOD0014I ODI file filename opened successfully.

Explanation:

The Object Definition Interchange (ODI) cache initialization process has opened a file in preparation for reading its content as input to its internal cache.

System action:

The ODI loader subcomponent will process the file contents as input to its internal cache.

User response:

None.

KOBOD0015E Command registration in KOBODISC subcomponent failed, rc=return_code, errno=error_number, rsno=error_reason

Explanation:

The Object Definition Interchange (ODI) loader subcomponent failed to register for enhanced 3270 user interface console commands.

System action:

The ODI loader subcomponent will continue to run; however, it will not be able to respond to console commands.

User response:

This is an internal error. Contact IBM Software support and supply the logs for the enhanced 3270 user interface address space.

KOBOD0016E Command wait in KOBODISC subcomponent failed, rc = return_code, errno=error_number, rsno=error_reason

Explanation:

The Object Definition Interchange (ODI) loader subcomponent failed to establish the routine that waits for its registered enhanced 3270 user interface console commands.

System action:

The ODI loader subcomponent will continue to run, but it will not be able to respond to console commands.

User response:

This is an internal error. Contact IBM Software Support and provide the logs for the enhanced 3270 user interface address space.

KOBOD0017E Command deregistration in KOBODISC subcomponent failed, rc=return_code, errno=error_number, rsno=error_reason

Explanation:

The Object Definition Interchange (ODI) loader subcomponent failed to establish the routine that deregisters its registered enhanced 3270 user interface console commands.

System action:

The ODI loader subcomponent will continue its termination process.

User response:

This is an internal error. Contact IBM Software Support and supply the logs for the enhanced 3270 user interface address space.

KOBOD0018E KOBODISC STOP processing failed, rc=return_code, errno=error_number, rsno=error_reason

Explanation:

The Object Definition Interchange (ODI) loader subcomponent encountered an error while processing a console STOP command.

System action:

The ODI loader subcomponent will continue its termination process.

User response:

This is an internal error. Contact IBM Software Support and supply the logs for the enhanced 3270 user interface address space.

KOBOD0019I processing cmd string = *command*

Explanation:

The Object Definition Interchange (ODI) component has received an operator command.

System action:

The ODI loader subcomponent will process the received command; for example, in the case of the STOP command, it will terminate the ODI cache.

User response:

None

KOBP messages

Messages that begin with the KOBP prefix are associated with the KCIPARSE program and are generated in the JESMSGLOG message log. KCIPARSE is used by both Parameter Generator (PARMGEN) and Configuration Manager.

For more information about these messages, contact IBM Software Support, and send the following documentation:

For PARMGEN:

- \$PARSE*-related job output
- Contents of the &rte_plib_hilev.&rte_name.WCONFIG data set
- Contents of the &gbl_user_jcl data set

For Configuration Manager:

- The full output from the JCL job that runs the action (for example, the **GENERATE** action).

KOBP000E INVALID PARAMETER

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP100E SYSIN SYNTAX CHECKING COMPLETE. CODE:08

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP101E NO SYSIN PARAMETERS SUPPLIED

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP102E nnnnnnnn DD STATEMENT MISSING

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP103E DDNAME *ddname* IS NOT A PDS

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP104E DDNAME *ddname* INVALID RECORD FORMAT

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP105E DDNAME *ddname* DESERV FAILURE RC:*ccc*

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP106E DDNAME *ddname* IS A NULL INPUT DATA SET

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP107E CANNOT OPEN DDNAME *ddname*

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP110E MAXIMUM PDS DIRECTORY BLOCKS USED

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP111E mmmm FAILED FOR MEMBER:*member* RC:*ccc/ccc*

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP112E UPDATE CONFLICT DSN:

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP113E MEMBER *member* EXCEEDS MAX RECORD COUNT

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

**KOBP114E I/O ERROR DURING *nnnnn*
*nnnnnnnnnnnnnnnnnn***

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP115E SYSIN RECORD LIMIT EXCEEDED

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP116E LABEL TABLE OVERFLOW-

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

**KOBP117I SNA bypassed, SYSVTAMNETID/
SYSVTAMSSCP not available**

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP120E (LINE *nnnn*) CONFIG - No members selected

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP200E (LINE *nnnn*) INVALID KEYWORD

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP201E (LINE *nnnn*) NO VALUE FOR KEYWORD

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP202E (LINE *nnnn*) VALUE EXCEEDS MAXLENGTH *mmmm*

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP203E (LINE *nnnn*) EXPECTED THEN MISSING

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP204E (LINE *nnnn*) INVALID DDNAME *ddname*

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP205E (LINE *nnnn*) TRUNCATION ON

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP206E INVALID PATTERN *pattern*

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP207E (LINE *nnnn*) NON-NUMERIC VARIABLE *vvvvvvvv*

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP208E (LINE *nnnn*) NON-NUMERIC VALUE *vvvvvvvv*

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP209E (LINE *nnnn*) INVALID OPERATION *x*

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP210E (LINE *nnnn*) INVALID NEGATIVE NUMBER - *vvvv*

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP211E (LINE *nnnn*) INPUT PARAMETER OVERFLOW

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP212E (LINE *nnnn*) RESULT OVERFLOW

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP213E (LINE *nnnn*) DIVISION BY ZERO

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP220E VARIABLE TABLE IS FULL

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP221E (LINE *nnnn*) INTERNAL STACK ERROR

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP222E (LINE *nnnn*) INVALID KEYWORD TABLE ENTRY

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP223E EXTENDED VARIABLE TABLE IS FULL

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP230E (LINE *nnnn*) VARIABLE NOT FOUND: *nnnnnnnn*

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP231E MAXIMUM NUMBER OF IMBEDS (*vvvvv*) FOR *nnnn*

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP232W *nnnnnnnn* TRUNCATED

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP233E (LINE *nnnn*) IMBED OVERFLOW: *vvvvvvv*

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP234E (LINE *nnnn*) IMBED LOOP: *vvvvvvv*

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP235I MEMBER=*member* LINE=*nnnnn* DELIMITER ERROR

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP300E (LINE *nnnn*) AND DETECTED OUTSIDE OF IF

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP301E (LINE *nnnn*) OR DETECTED OUTSIDE OF IF

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP302E (LINE *nnnn*) UNMATCHED THEN STATEMENT

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP303E (LINE *nnnn*) UNMATCHED DO STATEMENT

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP304E (LINE *nnnn*) UNMATCHED ELSE STATEMENT

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP305E (LINE *nnnn*) UNMATCHED END STATEMENT

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP306E (LINE *nnnn*) NON-NUMERIC LOOP VARIABLE

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP307E (LINE *nnnn*) LOOP MAXIMUM COUNT REACHED

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP308E (LINE *nnnn*) DOUBLE LOOP CONFLICT

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP309E (LINE nnnn) TO SPECIFIED WITHOUT LOOP

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP311E (LINE nnnn) MAXIMUM NESTED IF STATEMENTS

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP312E (LINE nnnn) SETTING SYSTEM VARIABLES PROHIBITED

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP313E (LINE nnnn) CANNOT RESOLVE

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP314E (LINE nnnn) WORDPOS INVALID ARGUMENTS

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP315E (LINE nnnn) WORDS ARGUMENT 1 IS NULL

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP316E (LINE nnnn) WORD INVALID ARGUMENT

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP317E (LINE nnnn) LEFT INVALID ARGUMENT

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP318E (LINE nnnn) RIGHT INVALID ARGUMENT

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP319E (LINE nnnn) STRIP INVALID ARGUMENT

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP320E (LINE nnnn) SUBSTR INVALID ARGUMENTS

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP321E (LINE nnnn) POS INVALID ARGUMENTS

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP322E (LINE nnnn) LASTPOS INVALID ARGUMENTS

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP323E (LINE nnnn) INVALID ARGUMENTS

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP324E (LINE nnnn) UNABLE TO LOCATE VARIABLE

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP325E (LINE nnnn) CONCAT OVERFLOW ARG1 xxx + ARG

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP326E (LINE nnnn) WRITEMEM INVALID MEMBER member

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP327E (LINE nnnn) WRITEMEM INVALID KEYWORD

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP328E (LINE nnnn) WRITEMEM INVALID OPTION

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

**KOBP329E (LINE nnnn) SETCOMMENT
INVALID VALUE**

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

**KOBP330E (LINE nnnn) SETSPACES INVALID
VALUE x**

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

**KOBP331E (LINE nnnn) SETNULLVAR INVALID
VALUE vvv**

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

**KOBP332E (LINE nnnn) CONTROL VARIABLE
ERR**

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

**KOBP333E (LINE nnnn) LOOP STACK
OVERFLOW**

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

**KOBP334E (LINE nnnn) CONTROL VARIABLE
ERR**

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBP335E (LINE nnnn) vvv ERR,

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

**KOBP336E (LINE nnnn) PROTECT72 INVALID
VALUE - vvv**

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

**KOBP337E (LINE nnnn)
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX**

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

**KOBP338E (LINE nnnn) Invalid name -
mmmmmmmm**

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

**KOBP339E (LINE nnnn) DELMEM INVALID
KEYWORD**

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

**KOBP350E (LINE nnnn) UNSUPPORTED
FUNCTION**

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

**KOBP400I STORAGE sssssss A=aaaaaaaa
L=nnnnnnn ID=**

User response:

Gather the [requested documentation](#) and contact IBM Software Support.

KOBR – KOBU messages

These messages are associated with the OMEGAMON Enhanced 3270 User Interface, which is part of the OMEGAMON Base component. By default, trace and error logs are created in SYSPRINT. (An alternate log location may have been specified, using standard JCL services.) Most of the messages are prefixed by a timestamp and thread ID.

**KOBRR0001E Column *column_name* not
selected. It cannot be indexed.**

Explanation:

The column specified was referenced in an ORDER BY clause, but was not selected. If a column is to be used to order the records, it must be explicitly selected in the QUERY statement.

System action:

The table records are not ordered.

User response:

Correct your QUERY by adding the column name to the SELECT statement. If the query was distributed by IBM, report this problem to IBM Software Support.

**KOBRR0002E Eyecatch check of row index
failed: control_block_identifier.**

Explanation:

The request router has detected an internal error during the process of indexing query data.

System action:

The data from the query is not ordered.

User response:

Report this message to IBM Software Support.

KOBRR0003E **Index tree initialization failed.**
rc=n, errno=x, rsn=y.

Explanation:

The request router has detected an internal error during processing of an ORDER BY keyword or a request for sorted data.

System action:

The data from the query is not ordered.

User response:

Report this message to IBM Software Support.

KOBRR0004E **Index tree corruption found:**
eyecatch_value.

Explanation:

The request router has detected an internal error during processing of an ORDER BY keyword or a request for sorted data.

System action:

The request router will not function.

User response:

Report this message to IBM Software Support.

KOBRR0005E **Conversion of index failed**
for column *column_name*.
rc=return_code, errno=error_code,
rsn=error_reason

Explanation:

The request router has detected an internal error during processing of an ORDER BY keyword or a request for sorted data.

System action:

The request router will not function.

User response:

Report this message to IBM Software Support.

KOBRR0006E **Index cleanup failed for column**
***column_name*.** *rc=n, errno=x,*
rsn=y

Explanation:

The request router has detected an internal error during processing of an ORDER BY keyword or a request for sorted data.

System action:

The request router will not function.

User response:

Report this message to IBM Software Support.

KOBRR0007E **Indexing of a row failed.** *rc=n,*
errno=error_code, rsn=error_reason

Explanation:

The request router has detected an internal error during processing of an ORDER BY keyword or a request for sorted data.

System action:

The request router will not function.

User response:

Report this message to IBM Software Support.

KOBRR0008E **Indexing of column**
***column_name* failed.**
rc=return_code, errno=error_code,
rsnno=error_reason

Explanation:

The request router has detected an internal error during processing of an ORDER BY keyword or a request for sorted data.

System action:

The request router will not function.

User response:

Report this message to IBM Software Support.

KOBRR0009E **Re-indexing of column**
***column_name* failed.**
rc=return_code, errno=error_code,
rsn=error_reason

Explanation:

The request router has detected an internal error during processing of an ORDER BY keyword or a request for sorted data.

System action:

The request router will not function.

User response:

Report this message to IBM Software Support.

KOBTC0018E **connect_local: CONNECT() FAIL**
Err=nn Rsn=0xnnnnnnnn.

Explanation

OMEGAMON Subsystem Near Term History component is not able to communicate with the RMF Distributed Data Server (DDS - GPMSERVE) data provider. This message with Err=0 and Rsn=0x00000000 values may occur as part of the normal OMEGAMON Subsystem stop (shutdown) process.

Please refer to TCP/IP documentation for an explanation of the Err (error) and Rsn (reason) codes.

If this message is occurring frequently during the course of normal OMEGAMON Subsystem operation, please verify that the RMF and GPMSERVE are running and connectable.

System action

When this message occurs outside of OMEGAMON Subsystem stop processing, OMEGAMON XE on z/OS Near Term History (NTH) data collection will not be possible.

System programmer response

Verify that RMF and related GPMSSERVE started tasks are running and connectable. If this is the case, examine the Err and Rsn values returned from the TCP/IP for an explanation of the connect error to help determine the cause of the error. Verify that the TCP/IP configuration and operation is running normally. If RMF, GPMSSERVE, and TCP/IP are ruled out as possible causes, capture the OMEGAMON subsystem Job log and contact IBM support.

KOBUT001I **CreatePath #1 call,**
type(server_type), NCS:{SOCKET
= protocol :#address} CT/DS:
{SERVER = server_name USER =
user_name TERMPATH = YES}

Explanation

The Hub Tivoli Enterprise Monitoring Server discovery process is attempting to create a communications path between this address space and a hub or remote monitoring server endpoint. This discovery process uses the protocol, address, and port that is listed in the message. A type (*H*) value indicates a hub monitoring server, while a type (*R*) value indicates a remote monitoring server.

System action

None.

System programmer response

None.

KOBUT002I **CreatePath #1 done,**
type(server_type), RC=return_code

Explanation

The Hub Tivoli Enterprise Monitoring Server discovery process attempted to create a communications path between this address space and a hub or remote monitoring server endpoint. This process resulted in the return code listed. A type (*H*) value indicates a hub monitoring server, while a type (*R*) value indicates a remote monitoring server.

System action

None.

System programmer response

None.

KOBUT003W **CreatePath failed, possibly due**
to a communications protocol
mismatch. Check that the
KDE_TRANSPORT value (in this
address space) contains at
least one enabled protocol that
matches the KDE_TRANSPORT
value in the target TEMS:
monitoring_server_name

Explanation

The Hub Tivoli Enterprise Monitoring Server discovery process attempted to create a communications path between this address space and a hub or remote monitoring server endpoint. However, that attempt failed, possibly because there are no communication protocols (for example, IP.PIPE) in common between this address space and the endpoint.

System action

None.

System programmer response

Check that the KDE_TRANSPORT and KDC_FAMILIES environmental variables in this address space and the monitoring server processes (z/OS address spaces or non-z/OS processes) contain matching communications protocols. For example, that both sides include IP.PIPE, or IP.SPIPE communication protocols.

KOBUT004I **CT_CMSLIST #0.0, LbLookup**
text(protocol : server_address)

Explanation

The Hub Tivoli Enterprise Monitoring Server discovery process is attempting to use Location Broker services to find a hub or remote monitoring server to which a connection can be attempted.

System action

None.

System programmer response

None.

KOBUT005I CT_CMSLIST #*sequence*, LbLookup nodeAddr(*hub_name*), sockString(protocol :#*ipv4_address.port*.) CT_CMSLIST #*sequence*, LbLookup nodeAddr(*hub_name*), sockString(protocol :#(*ipv6_address.port*.) CT_CMSLIST #*sequence*, LbLookup nodeAddr(*hub_name*), sockString(protocol :#*sna_address.port*.)

Explanation

The Hub Tivoli Enterprise Monitoring Server discovery process found the listed remote or hub monitoring server by using Location Broker services.

System action

None.

System programmer response

None.

KOBUT006I CT_CMSLIST #0.0, LbLookup failed RC(*return_code*)

Explanation

The Hub Tivoli Enterprise Monitoring Server discovery process failed to find a hub monitoring server at one of the endpoints when using Location Broker services. This message should not be mistaken for an error. It indicates that the endpoint is a remote monitoring server.

System action

None.

System programmer response

None.

KOBUT007I Init_TEMS #*n*, type(*server_type*), path(*server_address*)

Explanation

The Hub Tivoli Enterprise Monitoring Server discovery process is attempting to connect to the hub or remote monitoring server that is listed in the message. A type(H) value indicates a hub monitoring server, while a type(R) value indicates a remote monitoring server.

System action

None.

System programmer response

None.

KOBUT008I Init_TEMS leaving loop, found=*n*

Explanation

The Hub Tivoli Enterprise Monitoring Server discovery process was able to connect to a hub or remote monitoring server if "found=1," otherwise the connection failed.

System action

None.

System programmer response

None.

KOBUT009I HOSTADDR protocol(*communication_protocol*)

Explanation

The Hub Tivoli Enterprise Monitoring Server discovery process found the listed communications protocol for the hub monitoring server by querying the HOSTADDR field of the O4SRV.INODESTS table.

System action

None.

System programmer response

None.

KOBUT010I HOSTADDR host(*monitoring_server_address*)

Explanation

The Hub Tivoli Enterprise Monitoring Server discovery process found the listed host address for the hub monitoring server by querying the HOSTADDR field of the O4SRV.INODESTS table.

System action

None.

System programmer response

None.

KOBUT011I HOSTADDR port(*port_number*)

Explanation

The Hub Tivoli Enterprise Monitoring Server discovery process found the listed port number for the hub monitoring server by querying the HOSTADDR field of the O4SRV.INODESTS table.

System action

None.

System programmer response

None.

KOBUT012I	HOSTADDR PATH (<i>host_address_path + communication_protocol</i>)
------------------	---

Explanation

The Hub Tivoli Enterprise Monitoring Server discovery process found the complete listed path value for the hub monitoring server by querying the HOSTADDR field of the O4SRV.INODESTS table.

System action

None.

System programmer response

None.

KOBUT014I	User supplied KOB_CREATEPATH(<i>path</i>)
------------------	--

Explanation

The user supplied a KOB_CREATEPATH environmental variable to control how the KOBAGENT connects to a hub or remote monitoring server. Supplying this variable is not typical and should be done only under the direction of IBM support.

System action

None.

System programmer response

None.

KOBUT015I	KDS_HUB({*LOCAL *REMOTE}) found
------------------	--

Explanation

The Hub Tivoli Enterprise Monitoring Server discovery process found this address space was either a

hub monitoring server(*LOCAL value) or a remote monitoring server(*REMOTE value).

System action

None.

System programmer response

None.

KOBUT016I	No KDS_HUB, running in TEMA
------------------	------------------------------------

Explanation

The Hub Tivoli Enterprise Monitoring Server discovery process found this address space was an Agent address space (not a hub monitoring server and not a remote monitoring server).

System action

None.

System programmer response

None.

KOBUT021I	paths: Path # <i>n</i>, server type=<i>server_address_path</i>.
------------------	--

Explanation

The Hub Tivoli Enterprise Monitoring Server discovery process found one or more hub or remote monitoring server destinations, as listed. A connection will be attempted to each of these destinations until a successful connection is established. A server type(H) value indicates a hub monitoring server, while a server type(R) value indicates a remote monitoring server.

System action

None.

System programmer response

None.

KOBUT030I	DROP_HUB delete pConn Object [validation failed], <i>reason</i>.
------------------	---

Explanation

A problem occurred during cleanup after detecting the loss of a hub TEMS connection. The text "validation failed" may not always be present.

The following values are possible for the *reason*:

- ConnObj*: *addr*, .Sequence#: *xxxx* .Hasid: *asid*, .Haddr: *addr*
- already freed
- pConnHandle is NULL

System action

None.

System programmer response

None.

KOBUT031I Drop_HUB: *object-name* object is already deleted

Explanation:

The Drop_HUB subroutine detected and prevented an attempt to delete an instance of object *object-name* that has already been deleted.

System action:

Program processing continues.

Programmer response:

None.

KOBUT032I Drop_HUB: an attempt to restore old pConn address *xxxx* failed;

new address yyyy is already in place

Explanation:

The Drop_HUB subroutine detected and prevented an attempt to store an obsolete pConn object address into a control block.

System action:

Program processing continues.

Programmer response:

None.

KOBUT099I In {NodeHdr | Connect} {ctor(),#n | dtor()}

Explanation

These internal trace messages indicate when a Connect or NodeHdr object is created or destroyed.

System action

None.

System programmer response

None.

KPD and KFAPD messages

Messages that begin with the KPD prefix are associated with the persistent data store. Messages that begin with the KFAPD prefix are issued by the KPD component and refer to errors in KPD commands.

KFAPD0001E System Name: Data set *variable* is not known to the persistent data store.

Explanation

An INITDS command was encountered and the specified data set name has not been defined to the persistent data store.

Operator response

Use the ADDFILE command to assign the specified data set to a file group and then reissue the INITDS command.

KFAPD0001E_d Data set name missing or invalid.

Explanation

An INITDS, REMOVE or an ALLOCATE command was encountered. The data set name parameter on the command was either missing or invalid.

Operator response

In the case of the REMOVE or ALLOCATE command, locate the persistent data store startup commands and fix the invalid or missing data set name. In the case of the INITDS command, fix the command in the persistent data store startup commands or reissue the command by using the correct syntax.

KFAPD0001E_d Error *variable* initializing *variable*.
d

Explanation

An I/O error occurred while initializing the specified data set. The error value displayed is the I/O error code.

Operator response

Allocate the data set on a different I/O device. Then redefine it to the persistent data store and reissue the INITDS command.

KFAPD0002E ALLOCATE already issued for this file.

Explanation

The ALLOCATE command has already been issued for this file.

Operator response

Issue other persistent data store commands to begin using the allocated file.

KFAPD0002E_d Data set *variable* can not be initialized because it is *variable*.

Explanation

The INITDS was unable to initialize the specified data set *variable* for the reason *variable*.

Operator response

If the reason is that the file is the current active data store, issue the SWITCH command to make a different file in the group the active data store. Then reissue the INITDS command. If the reason is that the file is offline, issue the ADDFILE command to add the specified file to a group. Then reissue the INITDS command.

KFAPD0003E Error opening file *variable* for output.

Explanation

An I/O error occurred while attempting to open the specified file for output.

Operator response

Check the joblog and logrec files for I/O device errors. If the error persists, allocate the file on a different I/O device.

KPDCM010 KPDCCMD persistent data store not available.

Explanation

While attempting to process a persistent data store command, the system determined that the PDS Service vector was unavailable. The command is ignored.

Operator response

Check the RKPDLLOG to see if the persistent data store is down or has abended. Shut down the persistent data store address space, collect the RKPDLLOG and RKLVLLOG files, and any SVCDUMP file results,

produced and send to IBM Software Support. Restart the persistent data store address space.

KPDCM011 KPDCCMD persistent data store command interface not available.

Explanation

While attempting to process a persistent data store command, the system determined that the command interface was unavailable. The command is ignored.

Operator response

Check the RKPDLLOG to see if the persistent data store is down or has abended. Shutdown the persistent data store address space, collect RKPDLLOG and RKLVLLOG, and any SVCDUMP produced and send to IBM Software Support. Restart the persistent data store address space.

KPDCM012 KPDCCMD Error *variable* attempting to setup request for commands.

Explanation

While attempting to process a persistent data store command, an error occurred during setup for processing a command. The command is ignored.

Operator response

Check the RKPDLLOG to see if the persistent data store is down or has abended. Shutdown the persistent data store address space, collect RKPDLLOG and RKLVLLOG, and any SVCDUMP produced and send to IBM Software Support. Restart the persistent data store address space.

KPDCM000 *variable*.

Explanation

This message is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

KPDCM001 RESULT results*variable*.

Explanation

This message is an informational message and does not require further action. The data displayed is the count of result lines displayed for the command issued.

KPDCM013 **KPDCCMD: command lengthvariable longer than maximumvariable.**

Explanation

The persistent data store command that was entered is too long. The command is ignored.

Operator response

Make the command shorter and re-enter the command.

KPDMN001 **KPDMON starting.**

Explanation

This is an informational message and does not require further action. This message indicates that KPDMON has started. KPDMON is a monitor that tracks the health of the persistent data store processes.

KPDMN002 **KPDMON giving up after 5 minutes.**

Explanation

This is an informational message indicating that the persistent data store did not complete startup processing.

Operator response

Check the RKPDLLOG to see if the persistent data store is down or has abended. Shutdown the persistent data store address space, collect RKPDLLOG and RKLVLLOG, and any SVCDUMP produced and send to IBM Software Support. Restart the persistent data store address space.

KPDMN003 **WAITING FOR PDS TO GO ACTIVE.**

Explanation

This is an informational message and does not require further action. This message indicates that KPDMON is waiting for the persistent data store to complete startup processing.

KPDMN004 **PDS IS INACTIVE.**

Explanation

This is an informational message indicating that the persistent data store is inactive.

Operator response

Check the RKPDLLOG to see if the persistent data store is down or has abended. Shutdown the persistent data store address space, collect RKPDLLOG and RKLVLLOG, and any SVCDUMP produced and send to IBM Software Support. Restart the persistent data store address space.

KPDMN005 **PDS IS ACTIVE.**

Explanation

This is an informational message and does not require further action. This message indicates that the persistent data store has completed startup processing.

KPDMNT001 **Data set = variable, Started Task = variable, Job Name = variable.**

Explanation

This is an informational message and does not require further action. This message indicates a persistent data store maintenance job is currently running. The message will be immediately followed by one of the following messages: KPDMNT01W, KPDMNT02E, or KPDMNT03S.

KPDMNT01W **Maintenance for persistent data store has not completed after waiting 0:05:00.**

Explanation

This is a warning level message indicating that a maintenance job has been running for 5 minutes and has not completed yet.

Operator response

If the maintenance should have completed in less than 5 minutes, check the RKPDLLOG file for errors. Also, check the system log for messages that must be replied to or errors that might be holding up the persistent data store maintenance.

KPDMNT02E **Maintenance for persistent data store has not completed after waiting 0:10:00.**

Explanation

This is a error level message indicating that a maintenance job has been running for 10 minutes and has not completed yet.

Operator response

If the maintenance should have completed in less than 10 minutes, check the RKPLOG file for errors. Also, check the system log for messages that must be replied to or errors that may be holding up the persistent data store maintenance.

KPDMNT03S Maintenance for persistent data store has not completed after waiting 0:15:00.

Explanation

This is a severe level message indicating that a maintenance job has been running for 15 minutes and has not completed yet.

KPQ messages

Messages with the KPQ prefix are associated with the persistent data store.

KPQA106E KPQSPDSH: UNABLE TO LOCATE GSA

Explanation:

An internal control block could not be located.

System action:

OMEGAMON continues; however, near-term history may be lost.

User response:

Contact IBM® Software Support. This problem information is stored in the ITMS:Engine log, RKLVLLOG.

KPQD004E KPQSPDSH: UNABLE TO FIND PQ VECTOR

Explanation:

An internal control block could not be located.

System action:

OMEGAMON continues; however, near-term history may be lost.

User response:

Contact IBM® Software Support. This problem information is stored in the ITMS:Engine log, RKLVLLOG.

KPQD005E KPQHINIT: APF AUTHORIZATION REQUIRED FOR DATA COLLECT

Explanation:

All load libraries specified in the STEPLIB DD statement of the Tivoli Enterprise Monitoring Server address space are not APF authorized.

System action:

The initialization of the Tivoli Enterprise Monitoring Server terminates.

User response:

Operator response

If the maintenance should have completed in less than 15 minutes, check the RKPLOG file for errors. Also, check the system log for messages that must be replied to or errors that may be holding up the persistent data store maintenance.

KPQD006I KPQHINIT: RKPDIR DATASET NOT OPENED, REASON CODE = rsn

Explanation:
Make sure that all the Tivoli Enterprise Monitoring Server load libraries are APF-authorized prior to restarting the Tivoli Enterprise Monitoring Server address space. The destination is the Tivoli Enterprise Monitoring Server Engine log file, RKLVLLOG.

KPQD007E KPQHINIT RKPDIR DATASET NOT READ, REASON CODE = rsn

Explanation:

During PDS V2 initialization, the RKPDIR data set failed to open.

System action:

PDS V2 terminates.

User response:

Contact IBM® Software Support. This problem information is stored in the ITMS:Engine log, RKLVLLOG.

KPQD008E KPQHINIT: APPLICATION TABLE IS EMPTY

Explanation:

During PDS V2 initialization, the RKPDIR data set could not be read.

System action:

PDS V2 terminates.

User response:

Contact IBM® Software Support. This problem information is stored in the ITMS:Engine log, RKLVLLOG.

KPQD008E KPQHINIT: APPLICATION TABLE IS EMPTY

Explanation:

During PDS V2 initialization, the RKPDIR data set was found to be empty. This usually happens when you have enabled PDS V2 by setting the **RTE_PDS2_ACTIVATION** parameter to Y but did not

install (or did not enable) any of the products that support PDS V2.

System action:

PDS V2 terminates. The engine continues to run without enabling PDS V2.

User response:

If no product that supports PDS V2 was installed in the RTE, no action is required. If, however, a product that supports PDS V2 was installed and is expected to be activated, collect the contents of the RKPDIIN data set and contact IBM® Software Support. This problem information is stored in the ITMS:Engine log, RKLVLLOG.

KPQD009E **KPQHINIT: CONFIGURATION ERROR, RKANPARU(KPQHINIT) NOT FOUND**

Explanation:

During PDS V2 initialization, the RKANPARU (KPQHINIT) member was not found. This usually happens when you have enabled PDS V2 by setting the **RTE_PDS2_ACTIVATION** parameter to Y but did not install (or did not enable) any of the products that support PDS V2. If, however, a product that supports PDS V2 was installed and is expected to be activated, this could happen if PDS V2 was configured incorrectly or because the member was removed manually.

System action:

PDS V2 terminates. The engine continues to run without enabling PDS V2.

User response:

If no product that supports PDS V2 was installed in the runtime environment, no action is required. If, however, a product that supports PDS V2 was installed and is expected to be activated, PDS V2 should be configured again. For more information, see [How to: Activate PDS V2](#).

KPQD009I **KPQDTERM: TERMINATING**

Explanation:

The PDS V2 component is terminating.

System action:

None.

User response:

No action is required.

KPQD010E **KPQHINIT: CONFIGURATION ERROR, PDSV1 PARM NOT FOUND**

Explanation:

During PDS V2 initialization, the **PDSV1** parameter was not found in the RKANPARU (KPQHINIT) member. **PDSV1** is a mandatory parameter that should be present in the RKANPARU (KPQHINIT) member and be set to ON or OFF. This could happen if PDS V2 was

configured incorrectly or because the member was edited manually.

System action:

PDS V2 terminates. The engine continues to run without enabling PDS V2.

User response:

Perform PDS V2 configuration again. For more information, see [How to: Activate PDS V2](#).

KPQD012E **KPQHINIT: ALLOCATION FAILED FOR [work_area] SIZE=[bytes]**

Explanation:

Data collection initialization failed during allocation of the required work area name indicated in the message. The size (in bytes) required for the work area is also displayed.

System action:

The initialization of Tivoli Enterprise Monitoring Server terminates.

User response:

Change the LIMIT parameter depending on the number of devices defined to your system. The LIMIT value is expressed as a power of 2, thus LIMIT (22,x) specifies 4 meg, LIMIT (23,x) specifies 8 meg, and so on. Each device table entry is 320 bytes, so LIMIT (23,x) allows allocation of a device table large enough to accommodate about 26,000 devices. LIMIT (24,x) accommodates twice that many. If the error still occurs, contact IBM Software Support. The destination is the Tivoli Enterprise Monitoring Server Engine log file, RKLVLLOG.

KPQD013E **KPQSPDSH: ALLOCATION FAILED FOR WORK AREA**

Explanation:

A work area could not be allocated.

System action:

OMEGAMON continues; however, near-term history may be lost.

User response:

Contact IBM® Software Support. This problem information is stored in the ITMS:Engine log, RKLVLLOG.

KPQD013W **[module_name] LOAD FAILED FOR [loaded_module_name] - [result]**

Explanation:

An attempt to load [loaded_module_name] failed. The effect of this load failure on processing indicated by [result].

System action:

Processing continues or terminates according to the information contained in [result].

User response:

Verify that `[loaded_module_name]` is in the Tivoli Enterprise Monitoring Server RKANMODL load library concatenation and is executable. If it is available and executable, contact IBM Software Support.

KPQD029E **[module name]: SERVICE TASK ATTACH FAILED [code] - [text]**

Explanation:

This message indicates that an internal error has occurred. Module `[module name]` attempted to do an ATTACH, but it failed with return code `[code]`. The text further identifies the failing component.

System action:

The OMEGAMON product continues, but the operation triggering the error does not complete.

User response:

Contact IBM Software Support. This problem information is stored in the ITMS:Engine log, RKLVLLOG.

KPQD033W **[module name]: SDUMP ERROR, RC = [code]**

Explanation:

This message indicates that an attempt to issue the SDUMPX service failed with return code `code`. The dump has been attempted as a result of an abend or unexpected situation.

System action:

The OMEGAMON product continues, but the dump that may be required for diagnosis is not available.

User response:

Check the return code to see if it indicates an environmental error that can be corrected. Otherwise, contact IBM Software Support.

KPQD034I **[module name]: SDUMP [dumpname] SUCCESSFULLY TAKEN**

Explanation:

This message indicates that an SVC dump was successfully taken with title `[dumpname]`. The dump was taken as a result of an abend or other unexpected situation.

System action:

The OMEGAMON product continues. The dump may be required by support for problem determination.

User response:

Contact IBM Software Support. Save the dump as it may be required for problem determination. This problem information is stored in the ITMS:Engine log, RKLVLLOG.

KPQD054E **KPQDBCMD COMMAND FUNCTION INVALID OR OMITTED**

Explanation:

The PQDEBUG operator command function is invalid.

System action:

KPQD055I messages are issued.

User response:

Correct the function and reissue the PQDEBUG command.

KPQD055I *help text*

Explanation:

This message documents the PQDEBUG syntax.

System action:

None.

User response:

Note the syntax and use when reissuing the PQDEBUG command.

KPQD056E **KPQDBCMD UNABLE TO ACCESS DEBUG FLAG AREA**

Explanation:

OMEGAMON was unable to access the area where debug flags are set.

System action:

The PQDEBUG command terminates.

User response:

Contact IBM® Software Support. This problem information is stored in the ITMS:Engine log, RKLVLLOG.

KPQD090E **KPQSPDSH: MODULE [module name] NOT AVAILABLE**

Explanation:

The historical module `[module name]` is not available.

System action:

The module encountering the error will terminate. The historical data will be collected by using PDS V1.

User response:

Contact IBM Software Support.

KPQD0100E **[module name] ABENDED: [abend information]**

Explanation:

This message indicates that an internal error has occurred.

System action:

The OMEGAMON product continues, but the operation triggering the error does not complete.

User response:

Contact IBM Software Support. This problem information is stored in the ITMS:Engine log, RKLVLLOG.

KPQD101E **KPQDBCMD @KPQ@ VECTOR NOT FOUND**

Explanation:

During execution of the PQDEBUG operator command, the PDS V2 vector was not found.

System action:

The PQDEBUG command terminates.

User response:

Contact IBM® Software Support. This problem information is stored in the ITMS:Engine log, RKLVLLOG.

KPQD102E **KPQDBCMD PQDEBUG VECTOR NOT FOUND**

Explanation:

During execution of the PQDEBUG operator command, the PQDEBUG vector was not found.

System action:

The PQDEBUG command terminates.

User response:

Contact IBM® Software Support. This problem information is stored in the ITMS:Engine log, RKLVLLOG.

KPQD0102I **KPQHINIT: KPQHINIT INPUT PARAMETER: *parameter***

Explanation:

During PDS V2 initialization, RKANPARU(KPQHINIT) was found; this parameter was found in the member.

System action:

None.

User response:

No action is required.

KPQD0105E **[*detecting_module_name*]: UNABLE TO LOAD [*module*]**

Explanation:

An attempt to issue an internal load for the specified [*module*] failed.

System action:

Processing continues; however, a loss of functionality will occur.

User response:

Verify that [*module*] is in the Tivoli Enterprise Monitoring Server RKANMOD load library concatenation. If the module appears to be available, contact IBM Software Support.

KPQD0106E **[*module name*]: UNABLE TO ALLOCATE [*nnn*] BYTES OF STORAGE, RC = [*rc*]**

Explanation:

An attempt to \$GMEM [*nnn*] bytes of storage failed with RC = [*rc*]. Processing for this function terminates.

System action:

Processing continues; however functionality will be impacted.

User response:

Contact IBM Software Support.

KPQD107E **KPQDBCMD: KPQ VECTOR NOT FOUND**

Explanation:

While running the KPQ operator command, the KPQ vector was not found.

System action:

The KPQ command terminates.

User response:

View the related messages in the ITMS:Engine log, RKLVLLOG. Contact IBM Software Support.

KPQD108E **KPQDBCMD: MODULE KPQSPCMD NOT AVAILABLE, RC = *rc***

Explanation:

While running the KPQ operator command, the command handler module was not available.

System action:

The KPQ command terminates.

User response:

View the related messages in the ITMS:Engine log, RKLVLLOG. Contact IBM Software Support.

KPQH000E **[*parameter*] ADDRESS IS ZERO**

Explanation:

This message indicates that an internal error has occurred.

System action:

The module encountering the error will terminate. Other product functions may continue to operate as normal.

User response:

Contact IBM Software Support.

KPQH001E **[*module_name*]: [*parameter*] IS INVALID, [*details_if_any*]**

Explanation:

An error has occurred in the noted module.

System action:

The system action that occurs varies. Some near-term history may be lost.

User response:

Contact IBM® Software Support. This problem information is stored in the ITMS:Engine log, RKLVLLOG.

KPQH002I **[*parameter*] DUMP AT [*parameter address*]:**

Explanation:

Content of [*parameter*] at [*parameter address*] will be printed in hex after this message.

System action:

None.

User response:

No action is required.

KPQH003I **MODULE STARTED, BUILD
NUMBER IS [build number]****Explanation:**

Module [module_name] is started and the build number for the module is [build number].

System action:

None.

User response:

No action is required.

KPQH004E **INITIALIZATION ERROR, [details if
any]****Explanation:**

This message indicates that an internal error has occurred during initialization.

System action:

The module encountering the error will terminate. Other product functions may continue to operate as normal.

User response:

Contact IBM Software Support.

KPQH004W **INITIALIZATION WARNING,
[details if any]****Explanation:**

This message indicates that an unexpected condition has occurred during initialization.

System action:

The module producing the warning message will continue to work. Depending on the message details, some of the functionality might be disabled.

User response:

Depending on the message details, take the corresponding action or contact IBM Software Support.

KPQH005I **[module_name]: HISTORY TASK
[task_name] DETACHED****Explanation:**

The PDS V2 agent subtask has been detached.

System action:

None.

User response:

This behavior is normal during agent termination. If it occurs at other times, contact IBM® Software Support. This problem information is stored in the ITMS:Engine log, RKLVL0G.

KPQH006I **MODULE TERMINATED****Explanation:**

The history module [module_name] has terminated.

System action:

None.

User response:

No action is required.

KPQH007W **INDICES HAVE NOT BEEN RE-
BUILT FROM DISK, RC = [return
code]****Explanation:**

The existing historical data has not been indexed successfully.

System action:

The module encountering the error will continue to work. Some of the historical data might not be available for the application specified in the last two characters of [module_name].

User response:

Contact IBM Software Support.

KPQH008E **EXECUTION ERROR, [details if any]****Explanation:**

This message indicates that an internal error has occurred during execution.

System action:

The module encountering the error will continue to work. Depending on the message details, some of the functionality might not be available for the application specified in the last two characters of [module_name].

User response:

Contact IBM Software Support.

KPQH008W **EXECUTION WARNING, [details if
any]****Explanation:**

This message indicates that an unexpected condition has occurred during execution.

System action:

The module producing the warning message will continue to work. Depending on the message details, some of the functionality might not be available for the application specified in the last two characters of [module_name].

User response:

Depending on the message details, take the corresponding action or contact IBM Software Support.

KPQH009I **[module_name]: [parameter] -
[details]****Explanation:**

This message provides diagnostic information related to a previous message.

System action:

None.

User response:

Provide diagnostic information if contacting IBM® Software Support.

KPQH010I **[module_name]:**
[recovery_information]

Explanation:

This message provides diagnostic information related to a previous ABEND.

System action:

None.

User response:

Provide diagnostic information to IBM® Software Support.

KPQH011E **[module_name]: I/O FAILED,**
[details]

Explanation:

An I/O error occurred.

System action:

The system action that occurs varies. Some near-term history may be lost.

User response:

Contact IBM® Software Support. This problem information is stored in the ITMS:Engine log, RKLVLLOG.

KPQH012I **[module_name]: [IDCAMS_output]**

Explanation:

This message provides IDCAMS output related to a previous message.

System action:

None.

User response:

Provide diagnostic information to IBM® Software Support.

KPQH013W **[module_name]: FAILED TO**
EXTEND A DATASET, WRITE
REQUESTS WILL BE IGNORED TO
[data_set_name]

Explanation:

PDS V2 was unable to extend the current history data set. This behavior usually indicates that the DATACLAS assigned to the history data set does not have Extent Constraint Removal.

System action:

PDS V2 stops recording near-term history until the start of the next time period.

User response:

Check the assigned DATACLASS and make changes. If Extent Constraint Removal is not desired, near-term history data is lost until the start of the next time period.

KPQH014I **[number of datasets] HISTORY**
DATASETS EXIST, [number of
datasets] DATASETS USED, PDS
MIGRATION WILL [NOT] BE
PERFORMED

Explanation:

The message is printed during the historical modules initialization and indicates the number of historical data sets being used. It also indicates whether the migration of the existing PDS history is going to be performed.

System action:

None.

User response:

No action is required.

KPQH015I **TABLE [table_name] HAS BEEN**
MIGRATED, RECORDS MIGRATED
= [migrated_record_count],
IGNORED =
[ignored_record_count], OUTDATED
= [outdated_record_count]

Explanation:

The message indicates information about the tables and records being migrated.

System action:

None.

User response:

No action is required.

KPQH016I **KPQHSMGR: PERFORMING [OUT-**
OF-SPACE | SCHEDULED] DATASET
SWITCH FOR application

Explanation:

This informational message indicates that the recording data set for the persistent data store is switching to the next available data set for the identified application. OUT-OF-SPACE indicates a space-based switch, and SCHEDULED indicates a time-based switch. The *application* is the code of the component (for example, KC5 for OMEGAMON for CICS).

System action:

None.

User response:

No action is required.

KPQH017I **KPQHSMGR: SWITCH**
SUCCESSFUL FOR application,
WRITING TO data_set_name

Explanation:

This informational message indicates that the recording data set for the persistent data store for the identified application has switched to the next

data set successfully. The *application* is the code of the component (for example, KC5 for OMEGAMON for CICS), and the *data_set_name* is the active recording data set.

System action:

None.

User response:

No action is required.

KPQH018E **KPQHSMGR: SWITCH FAILED FOR
application, RC = return_code**

Explanation:

An attempt to switch to the next recording data set for the persistent data store failed. The *application* is the code of the component (for example, KC5 for OMEGAMON for CICS).

System action:

Only partial data may have been written.

User response:

Check if any storage issues are present on your system. If you cannot address the problem, contact IBM® Software Support.

KPQH019I **KPQHSMGR: number_of_data_sets
PDSV2 DATASETS HAVE BEEN
FOUND**

Explanation:

This informational message provides the number of PDS V2 data sets that have been found. Typically, eight PDS V2 data sets are allocated and online at all times. Seven data sets are used for writing data, and one data set remains empty for future switches.

System action:

None.

User response:

No action is required.

KPQH020I **KPQHSMGR: data_set_statistics**

Explanation:

This informational message provides details about a PDS V2 data set found for a particular application when the monitoring server or monitoring agent starts up. The statistics include the data set name, status, used space and other information. Any timestamps are in GMT.

System action:

None.

User response:

No action is required.

KPQH021I **KPQHSMGR: application PDSV2
STORE STATE: ACTIVE DATASETS
= data_set_number**

Explanation:

This informational message provides the number of PDS V2 data sets that are active for the identified application. The *application* is the code of the component (for example, KC5 for OMEGAMON for CICS). Typically, eight PDS V2 data sets are allocated and online at all times. Seven data sets are used for writing data, and one data set remains empty for future switches.

System action:

None.

User response:

No action is required.

KPQH022I **KPQHSMGR: data_set_LLQ:
statistics**

Explanation:

This informational message provides details about a specific PDS V2 data set. *data_set_LLQ* is the low-level qualifier of the data set name. Statistics include the DD name, status, record count, used space and other information. Any timestamps are in GMT.

System action:

None.

User response:

No action is required.

KPQH023W **KPQHSMGR: DATASET HAS NOT
BEEN RESERVED FOR application,
RC = return_code, PLEASE
ADDRESS POTENTIAL SPACE
ISSUES**

Explanation:

An attempt to reserve the next recording data set for the persistent data store failed.

System action:

Recording continues using the active recording data set, but the capacity of the data store will decrease, allowing for fewer records to be stored until the issue is resolved.

User response:

Check if any storage issues are present on your system. If you cannot address the problem, contact IBM® Software Support.

KPQH024I **module_name: MIGRATION
SUCCESSFULLY COMPLETED**

Explanation:

This informational message indicates that migration to PDS V2 data sets completed successfully for the application identified in module *module_name*. The last two characters of the module name are the code of the component. For example, KPQHSTSC5 is the module collecting history for OMEGAMON for CICS.

System action:

None.

User response:

No action is required.

KPQH024W **module_name: MIGRATION
COMPLETED WITH ERRORS**

Explanation:

An attempt was made by the application identified in module *module_name* to migrate from PDS V1 to PDS V2 but did not complete successfully. The last two characters of the module name are the code of the component. For example, KPQHSTSC5 is the module collecting history for OMEGAMON for CICS.

System action:

Recording to the persistent data store continues but some PDS V1 data may be missing.

User response:

Contact IBM® Software Support.

KPQH025W **KPQHSMGR: PERFORMING
UNEXPECTED OUT-OF-SPACE
DATASET SWITCH FOR *application***

Explanation:

A space-based switch had to be performed on a time-based data set (ECR=YES).

System action:

Recording continues using the next recording data set, but the capacity of the data store is decreased, resulting in fewer records being stored (less than 24 hours of data per data set) until the issue is resolved. The *application* is the code of the component (for example, KC5 for OMEGAMON for CICS).

User response:

Check if there is enough storage for the data sets to extend on your system.

KPQH026W **module_name: INCOMPLETE
HISTORICAL DATA MAY HAVE
BEEN WRITTEN, WRITE RC =
return_code**

Explanation:

An attempt to write historical data failed for the application identified in module *module_name*.

System action:

Only partial data may have been written.

User response:

Check previous KPQ error or warning messages in the RKLVLLOG, and check if any storage issues are present on your system. If you cannot address the problem, contact IBM® Software Support.

KPQH027I **KPQHSMGR: *application*
PARAMETER *parameter_name*
WITH VALUE *value* HAS BEEN
FOUND**

Explanation:

This informational message indicates that the PDS V2 parameter with name *parameter_name* and value *value* has been found for the identified *application*. The *application* is the code of the component (for example, KC5 for OMEGAMON for CICS).

System action:

None.

User response:

No action is required.

KPQH028W **KPQHSMGR: *application*
PARAMETER ERROR, details**

Explanation:

An error has been detected while processing a PDS V2 parameter for the identified *application*. The *application* is the code of the component (for example, KC5 for OMEGAMON for CICS). The *details* text indicates the cause.

System action:

The parameter is ignored.

User response:

Correct the parameter value.

KPQH029I **KPQHSMGR: *application*
PARAMETERS:
*parameters_and_values***

Explanation:

This informational message provides a list of the PDS V2 parameters and settings for the identified *application*. The *application* is the code of the component (for example, KC5 for OMEGAMON for CICS).

System action:

None.

User response:

No action is required.

KPQH030I **KPQHSMGR: LEGACY
CONFIGURATION HAS BEEN
DETECTED**

Explanation:

This informational message indicates that PDS V2 has not found the parameter members supplied by the PARMGEN PTF *ptf_number* and the legacy parameter source (PDS V1) will be used.

System action:

None.

User response:

No action is required.

KPQH031I **KPQHSMGR: PDS V2 IS DISABLED
FOR *application***

Explanation:

This informational message indicates that PDS V2 has been disabled for the identified *application*. This situation can happen due to user action in the configuration tool (PARMGEN or Configuration Manager) or automatically if the identified *application* is not supported by PDS V2. The *application* is the code of the component (for example, KC5 for OMEGAMON for CICS).

System action:

PDS V1 is used for the application.

User response:

No action is required.

KPQH032W **KPQHSMGR: BROKER MODULE
name NOT LOADED, RC = rc, RSN
= rsn**

Explanation:

The broker API module *name* could not be loaded. The return code (*rc*) and reason (*rsn*) values have the abend and reason codes from the **LOAD** system call.

System action:

No data is sent to the broker.

User response:

Review the JCL for the job that runs the OMEGAMON historical collection task. Check that the broker module is in the STEPLIB data sets specified by the JCL. If you cannot resolve the issue, contact IBM Software Support.

KPQH033W **KPQSPCMD: COMMAND IGNORED,
reason**

Explanation:

A **MODIFY** command has been entered for the job that runs the OMEGAMON historical collection task; for example, the monitoring server job. The **MODIFY** command has been ignored. The *reason* specifies the cause of the error.

System action:

The command is ignored.

User response:

Enter a correct **MODIFY** command.

KPQH034I **KPQSPCMD: COMMAND
ACCEPTED, details**

Explanation:

A **MODIFY** command has been entered for the job that runs the OMEGAMON historical collection task; for example, the monitoring server job. The **MODIFY** command has been accepted. The *details* contain additional command response information.

System action:

The command is accepted.

User response:

None required.

KPQH037I **TABLE *table* HAS BEEN
CONNECTED TO PDS**

Explanation

The OMEGAMON historical collection task has successfully written the first instance of a record of this table to the persistent data store (PDS). This message is written only for the first instance of a record of this table since the task's configuration was loaded: either when the task's job started or when the configuration was reloaded by a **MODIFY** command while the job was running.

This message is reported only if the table is explicitly specified in the RKANPARU (KAYOPEN) configuration member. If the member does not exist, or the member exists but does not explicitly specify the table, then the default behavior is to write records from the table to PDS without reporting this message.

System action:

None.

User response:

None required.

KPQH038I **TABLE *table* HAS BEEN
CONNECTED TO BROKER**

Explanation:

The OMEGAMON historical collection task has successfully sent the first instance of a record of this table to the OMEGAMON Data Broker. This message is written only for the first instance of a record of this table since the task's configuration was loaded: either when the task's job started or when the configuration was reloaded by a **MODIFY** command while the job was running.

System action:

None.

User response:

None required.

KPQH039W **PDS CONNECTION FOR TABLE
table FAILED, reason**

Explanation

The OMEGAMON historical collection task failed to write records of this table to the persistent data store (PDS). The *reason* provides details of the cause.

This message is reported only if the table is explicitly specified in the RKANPARU (KAYOPEN) configuration member. If the member does not exist, or the member exists but does not explicitly specify the table, then this message is not reported for the table.

System action:

Until this issue is resolved, no records of this table are written to the PDS.

User response:

Review the provided details and take appropriate action. If you cannot resolve the issue, contact IBM Software Support.

KPQH040W **BROKER CONNECTION FOR TABLE
table FAILED, reason**

Explanation:

The OMEGAMON historical collection task failed to send records of this table to OMEGAMON Data Broker. The *reason* provides details of the cause.

System action:

Until this issue is resolved, no records of this table are sent to OMEGAMON Data Broker.

User response

Review the provided details and take appropriate action.

reason values and suggested actions:

STORE NOT FOUND

Ensure that the OMEGAMON store is defined in the OMEGAMON Data Broker configuration member.

BROKER HAS NO CONNECTION TO SINK

Ensure that OMEGAMON Data Broker is connected to OMEGAMON Data Connect.

BROKER OFFLINE

Ensure that the OMEGAMON Data Broker name is correct in the collection configuration member.

Ensure that the Zowe cross-memory server that hosts OMEGAMON Data Broker is running.

RC = rc, RSN = rsn

Contact IBM Software Support.

If you cannot resolve the issue, contact IBM Software Support.

KPQH041E **task: CONFIG NOT
LOADED, HISTORY/OPEN DATA
PROCESSING IS STOPPED**

Explanation

There are issues with the OMEGAMON historical collection task configuration member, *rte_hilev.rte_name*.RKANPARU(KAYOPEN), for the application identified by *task*.

The *task* is the name of the task in which the error originated, in the format KPQHST*pp*, where *pp* is the product code.

System action:

Until the issue is resolved, processing of records from the application (*pp*) stops. No records of tables from this application are sent to OMEGAMON Data Broker.

User response:

Review the issues reported in previous error messages. If you cannot resolve these issues, contact IBM Software Support.

KPQH042W **task: CONFIG NOT LOADED,
EXISTING CONFIG WILL BE USED**

Explanation

A **MODIFY** command has been entered for the job that runs the OMEGAMON historical collection task, to reload the configuration. However, the new configuration is ignored. Processing of historical data and/or streaming continues the same as before the **RELOAD_CONFIG** command was issued; the new parameters are ignored.

The *task* is the name of the task in which the error originated, in the format KPQHST*pp*, where *pp* is the product code.

System action:

The new configuration is ignored. Processing of historical data and streaming continues the same as before for the application identified by *task* until the issue has been resolved.

User response:

Address the issues reported in previous error messages. If you cannot resolve this issue, contact IBM Software Support.

KPQH043I **KPQHSMGR: DATASTORE
INFORMATION: details**

Explanation:

In response to the QUERY DATASTORE command, this informational message provides details about the data sets allocated to the data store for a particular application. Details include the data set name, the application code, the number of allocated bytes, the number of used bytes, and the status of the data set.

System action:

None.

User response:

No action is required.

KPQH044I **KPQSPINI: TCB=*tcb_address*,
FSA=*fsa_address*,
DSA=*dsa_address*, RC=*return_code***

Explanation:

This informational message is issued during the historical module initialization. It indicates a successful completion of one of the initialization steps and provides technical details about this step.

System action:

None.

User response:

No action is required.

KPQH045I **module name: PDS V1 IS
DISABLED, PDS MIGRATION FOR
APPLICATION *application-name*
WILL NOT BE PERFORMED**

Explanation:

PDS V2 is enabled for application *application-name*. PDS V1 near-term history files exist for this application, but PDS V2 files do not exist yet. This situation normally triggers the migration process of PDS V1 files to PDS V2. However, the monitoring server or monitoring agent is configured with PDS V1 disabled, so the PDS V1 environment is not initialized, and the migration cannot be performed.

System action:

The PDS migration process for the application will not be performed. Empty PDS V2 application files will be created, but the application data from PDS V1 will not be migrated. History data collection for the application will begin in PDS V2. If the *application-name* in the message is KPD, Tivoli Data Warehouse (TDW) export configuration data stored in PDS V1 will be lost, which may cause a spike in CPU usage the next time history data is exported to TDW.

User response:

No action is required.

KPQM0001W **U\$USM000: FAILURE TO OBTAIN
WORKAREA**

Explanation:

The PDS V2 Media Manager interface could not obtain storage for a work area.

System action:

The PDS V2 Media Manager interface signals IBM Media Manager to attempt to obtain storage.

User response:

If this message occurs frequently, contact IBM® Software Support. This problem information is stored in the ITMS:Engine log, RKLVLLOG.

KPQM0002W **U\$USM000: ROUTING TABLE AT
MAXIMUM**

Explanation:

A PDS V2 Media Manager interface routing table is full.

System action:

OMEGAMON continues; however, some near-term history may be lost.

User response:

If this message occurs frequently, contact IBM® Software Support. This problem information is stored in the ITMS:Engine log, RKLVLLOG.

KPQM0003E **U\$USM000: IEAN4RT FAILURE,
RETURN CODE: *retcode***

Explanation:

A name or token could not be established.

System action:

PDS V2 terminates.

User response:

Contact IBM® Software Support. This problem information is stored in the ITMS:Engine log, RKLVLLOG.

KPQM0004E **U\$USM000: IARST64 FAILURE,
RETURN CODE: *retcode*, REASON
CODE *rsn***

Explanation:

64-bit storage could not be obtained.

System action:

PDS V2 terminates.

User response:

Contact IBM® Software Support. This problem information is stored in the ITMS:Engine log, RKLVLLOG.

KPQM0005E **U\$USM000: STORAGE OBTAIN
FAILURE FOR *n* BYTES, RETURN
CODE: *retcode***

Explanation:

31-bit storage could not be obtained.

System action:

PDS V2 terminates.

User response:

Contact IBM® Software Support. This problem information is stored in the ITMS:Engine log, RKLVLLOG.

KPQM0006W **U\$USM000: FAILURE TO OBTAIN
WORKAREA**

Explanation:

An internal work area could not be obtained.

System action:

OMEGAMON continues; however, some near-term history may be lost.

User response:

If this message occurs frequently, contact IBM® Software Support. This problem information is stored in the ITMS:Engine log, RKLVLLOG.

KPQM0007I **R\$RM0000: DISCONNECT
SUCCESSFUL**

Explanation:

IBM Media Manager was disconnected successfully.

System action:

None.

User response:

No action is required.

KPQM0008E **R\$RM0000: DISCONNECT UPDATE
FAILED WITH RETURN CODE:
retcode, FEEDBACK: *feedback***

Explanation:

An attempt to disconnect IBM Media Manager during an update operation was not successful.

System action:

PDS V2 terminates.

User response:

Contact IBM® Software Support. This problem information is stored in the ITMS:Engine log, RKLVLLOG.

**KPQM0009E R\$RM0000: DISCONNECT
WITHOUT UPDATE FAILED
WITH RETURN CODE: *retcode*,
FEEDBACK: *feedback***

Explanation:

An attempt to disconnect IBM Media Manager during a non-update operation was not successful.

System action:

PDS V2 terminates.

User response:

Contact IBM® Software Support. This problem information is stored in the ITMS:Engine log, RKLVLLOG.

**KPQS031E [*module_name*] ESTAEX macro
request rc = [*return_code*]**

Explanation:

The ESTEAX macro returned with a return code of [*return_code*].

User response:

Contact IBM Software Support. This problem information is stored in the ITMS:Engine log, RKLVLLOG.

**KPQS216I KPQSPDSH: RKANPARU MEMBER
[*member name*] NOT FOUND**

Explanation:

The specified application member has not been found in RKANPARU.

System action:

The historical data will not be collected for the corresponding application as this application has not been installed yet.

User response:

No action is required.

**KPQS217I KPQSPDSH: PDS V2 HISTORY
INITIALIZED**

Explanation:

The PDS V2 history has been successfully initialized.

System action:

None.

User response:

No action is required.

KPQS218E INVALID Z/OS LEVEL

Explanation:

An incompatible z/OS version has been found.

System action:

The module encountering the error will terminate. The historical data will be collected by using PDS V1.

User response:

Use z/OS 2.2 with APAR OA50569 or later.

**KPQS219E KPQSPDSH: CANNOT LOAD
KPDCSVG RC = [*return_code*]
REASON CODE = [*reason_code*]**

Explanation:

Persistent data store module KPDCSVG cannot be found.

System action:

Processing terminates.

User response:

Contact IBM Software Support.

**KPQS221E UNABLE TO OBTAIN [*number of
bytes*] BYTES OF SUBPOOL 254
STORAGE**

Explanation:

This message indicates that an internal error has occurred.

System action:

The module encountering the error will terminate. The historical data will be collected by using PDS V1.

User response:

Contact IBM Software Support.

**KPQS222E INPUT MODE NOT SUPPLIED,
USING NORMAL HISTORY**

Explanation:

This message indicates that an internal error has occurred.

System action:

The module encountering the error will terminate. The historical data will be collected by using PDS V1.

User response:

Contact IBM Software Support.

**KPQS223E INTERNAL ERROR, TABLE
MISMATCH**

Explanation:

This message indicates that an internal error has occurred.

System action:

The module encountering the error will terminate. The historical data will be collected by using PDS V1.

User response:

Contact IBM Software Support.

**KPQS224E METAL C LOAD FAILURE,
ROUTINE: [routine name], RETURN
CODE = [return code value]**

Explanation:

This message indicates that an internal error has occurred.

System action:

The module encountering the error will terminate. The historical data will be collected by using PDS V1.

User response:

Contact IBM Software Support.

**KPQS225E ATTEMPT TO INTERCEPT HISTORY
ROUTINE FAILED**

Explanation:

This message indicates that an internal error has occurred.

System action:

The module encountering the error will terminate. The historical data will be collected by using PDS V1.

User response:

Contact IBM Software Support.

**KPQS226E UNABLE TO OBTAIN RTE DATASET
NAME**

Explanation:

This message indicates that an internal error has occurred.

System action:

The module encountering the error will terminate. The historical data will be collected by using PDS V1.

User response:

Contact IBM Software Support.

**KPQS227E X\$INSET EYECATCHER
MISMATCH AT [address]**

Explanation:

This message indicates that an internal error has occurred during an insert setup call.

System action:

The corresponding call will be ignored. Some historical data might be missing.

User response:

Contact IBM Software Support.

**KPQS228E X\$INSPRO EYECATCHER
MISMATCH AT [address]**

Explanation:

This message indicates that an internal error has occurred during an insert process call.

System action:

The corresponding call will be ignored. Some historical data might be missing.

User response:

Contact IBM Software Support.

**KPQS229E X\$INSEND EYECATCHER
MISMATCH AT [address]**

Explanation:

This message indicates that an internal error has occurred during an insert tear down call.

System action:

The corresponding call will be ignored. Some historical data might be missing.

User response:

Contact IBM Software Support.

**KPQS230E X\$LOCSET EYECATCHER
MISMATCH AT [address]**

Explanation:

This message indicates that an internal error has occurred during a locate setup call.

System action:

The corresponding call will be ignored. Some historical data might be missing.

User response:

Contact IBM Software Support.

**KPQS231E X\$LOCPRO EYECATCHER
MISMATCH AT [address]**

Explanation:

This message indicates that an internal error has occurred during a locate process call.

System action:

The corresponding call will be ignored. Some historical data might be missing.

User response:

Contact IBM Software Support.

**KPQS232E X\$LOCEND EYECATCHER
MISMATCH AT [address]**

Explanation:

This message indicates that an internal error has occurred during a locate tear down call.

System action:

The corresponding call will be ignored. Some historical data might be missing.

User response:

Contact IBM Software Support.

**KPQS233E X\$TCSFND EYECATCHER
MISMATCH AT [address]**

Explanation:

This message indicates that an internal error has occurred during a find TCS call.

System action:

The corresponding call will be ignored. Some historical data might be missing.

User response:

Contact IBM Software Support.

**KPQS234E X\$CMTTAB EYECATCHER
MISMATCH AT [address]**

Explanation:

This message indicates that an internal error has occurred during a commit table call.

System action:

The corresponding call will be ignored. Some historical data might be missing.

User response:

Contact IBM Software Support.

KPQS235E UNABLE TO OBTAIN PDS VECTOR

Explanation:

This message indicates that an internal error has occurred. A possible cause is an incorrect configuration or an improper manual modification of RKANPARU (KPQHINIT).

System action:

The module encountering the error will terminate. The historical data will be collected by using PDS V1.

User response:

Contact IBM Software Support.

**KPQS236E KPQSPDSH: [PUBLIC | PRIVATE]
PDS V1 *function-name* CALL HAS
OCCURRED BUT PDS V1 IS
DISABLED**

Explanation:

A call has occurred to PDS V1 function *function-name*, but the monitoring server or monitoring agent is running with PDS V1 disabled. Most likely this happened due to a user error (such as issuing a PDS V1 command when PDS V1 is disabled) or a monitoring server or monitoring agent misconfiguration.

System action:

Processing continues. The PDS V1 request is ignored.

User response:

Contact IBM® Software Support. This problem information is stored in the TMS:Engine log, RKLVL0G.

**KPQS237I KPQHINIT: PDS V2 IS RUNNING
STAND-ALONE, PDS V1 IS
DISABLED**

Explanation:

During PDS V2 startup, the program discovered that the monitoring server or the monitoring agent is configured to run with PDS V1 disabled.

System action:

Processing continues. The PDS V1 environment will not be initialized, and PDS V1 data sets will not be used.

User response:

No action is required. Optionally, PDS V1 data sets can be deleted.

**KPQS238E KPQSPDSH: UNABLE TO OBTAIN
KPD TOKEN**

Explanation:

An internal error has occurred.

System action:

The module encountering the error terminates. PDS V2 is not able to collect historical data.

User response:

Contact IBM Software Support.

KRAO messages

The messages that begin with the KRAO prefix are associated with monitoring agents.

**KRAOP001 AGENT FRAMEWORK NOT
INITIALIZED.**

Explanation

Agent can not be started because agent framework is not initialized yet. Could be recoverable error that can be ignored or could be fatal depending on how agent loader handles this condition.

KRAOP002 NULL COMMAND INVALID.

Explanation

Check if an invalid command was issued by the user.

**KRAOP003 AGENT *module_name* NOT
INSTALLED.**

Explanation

An installation failure occurred. Reinstall the agent.

**KRAOP004 AGENT *module_name* ALREADY
STARTED.**

Explanation

Only one instance of the agent can be running at a time. This is an informational message, and can be ignored.

KRAOP005 **AGENT *module_name* NOT ACTIVE.**

Explanation

Contact IBM Software Support.

KRAOP006 **AGENT ID INVALID *nnnn*.**

Explanation

Contact IBM Software Support.

KRAOP007 **COMMAND SCHEDULED FOR
module_name.**

Explanation

This is an informational message. The command is scheduled to run.

KSC messages

The messages that begin with the KSC prefix are associated with SMF errors reported by the auditing function when running on a z/OS-based Tivoli Enterprise Monitoring Server.

Message number

Message content

KSCSMFH010E

Unable to allocate storage for SMF File Handler

KSCSMFH011E

Unable to determine current address space jobname

KSCSMFH012E

Unable to convert current address space ID

KSCSMFH013E

Unable to determine current address space ID

KSCSMFH020E

Unable to free SMF File Handler storage

KSCSMFH030W

SMF File Handler not enabled

KSCSMFH040W

Unable to locate SMF File Handler

KSCSMFH041W

No event data passed to SMF File Handler

KSCSMFH050E

Unable to format event message

KSCSMFH060E

Event message length(*len*) exceeds maximum(*max*)

KSCSMFH070E

Unable to determine product code

KSCSMFH080E

Invalid event record type (SMF 112 subtype)=*stype*

KSCSMFH090W

String truncation for *strg*

KSCSMFH116E

SMF record not written. SMF inactive or abend.

KSCSMFH108E

Invalid SMF record length

KSCSMFH120W

SMF record not written. Suppressed by installation exit

KSCSMFH124E

SMF record not written. Data lost by SMF

KSCSMFH136W

SMF record not written. Recording of record disabled

KSCSMFH140E

SMF record not written. SMF buffer shortage

KSCSMFH144E

SMF record not written. Cannot establish recovery env.

KSCSMFH148E

SMF record not written. SMF ASC mode error

KSCSMFH199ESMF record not written. SMFEWTM return code=*rc*

KSD messages

The messages that begin with the KSD prefix are associated with the OMEGAVIEW component.

KSDCY010E **SHORT ON STORAGE CONDITION ENCOUNTERED. OG ALERT NOT SENT FOR STATUS ITEM *item***

Explanation

Short-on-storage condition encountered.

System action

OG alert not sent.

User response

Contact IBM Software Support.

Message Type

Internal Error.

KSDDM001E **SDMBLDN RETURNED, RC=*return_code***

Explanation

Error returned from SDMBLDN request.

System action

Request terminated.

User response

Contact IBM Software Support.

Message Type

Internal Error.

KSDCY011E **1PSIMDATA => *data***

User response

Contact IBM Software Support.

Message Type

Internal Error.

KSDDM002E **CREATESTATUS RULECOMPILER RETURNED, RC= *return_code***

Explanation

Error returned from rule compiler for a CreateStatus request.

System action

Request terminated.

User response

Contact IBM Software Support.

KSDCY012E **1PSIMPARM => *parm***

User response

Contact IBM Software Support.

Message Type

Internal Error.

KSDDM003E **KSD_NEWXATTRSSPL ERROR RC= *return_code***

Explanation

Error returned when requesting new attribute for item.

System action

Request terminated.

User response

Contact IBM Software Support.

Message Type

Internal Error.

KSDDM004E **KSD_RECONCILEPARENTS ERROR**
RC= *return_code*

Explanation

Error encountered when reconciling parents of item.

System action

Request terminated.

User response

Contact IBM Software Support

Message Type

Internal Error.

KSDDM005E **KSD_DELXATTRSSPL ERROR RC=**
return_code

Explanation

Error encountered when deleting attribute of item.

System action

Request terminated.

User response

Contact IBM Software Support

Message Type

Internal Error.

KSDDM006E **KSD_NEWXATTRVBB ERROR RC=**
return_code

Explanation

Error encountered when adding attribute to item.

System action

Request terminated.

User response

Contact IBM Software Support.

Message Type

Internal Error.

KSDDM007E **KSD_DISOWNCHILDREN ERROR**
RC= *return_code*

Explanation

Error encountered when disconnecting children from item.

System action

Request terminated.

User response

Contact IBM Software Support.

Message Type

Internal Error.

KSDDM008E **KSD_RECONCILECHILDREN**
ERROR RC= *return_code*

Explanation

Error encountered when reconciling children of item.

System action

Request terminated.

User response

Contact IBM Software Support

Message Type

Internal Error.

KSDDM009E **KSD_DISOWNPARENTS ERROR**
RC= *return_code*

Explanation

Error encountered when disconnecting parents from item.

System action

Request terminated.

User response

Contact IBM Software Support

Message Type

Internal Error.

KSDDM010E **KSD_RECONCILEPARENTS ERROR RC=**
RC= *return_code*

Explanation

Error encountered when reconciling parents of item.

System action

Request terminated.

User response

Contact IBM Software Support

Message Type

Internal Error.

KSDDM011E **KSD_DELXATTR() ERROR RC=**
return_code

Explanation

Error encountered when deleting attribute of item.

System action

Request terminated.

User response

Contact IBM Software Support.

Message Type

Internal Error.

KSDDM012E **KLE_TABLEMODIFY ERROR RC=**
return_code FOR STATUS ITEM
item

Explanation

Error encountered from TableModify request.

System action

Request terminated.

User response

Contact IBM Software Support.

Message Type

Internal Error.

KSDDM013E **DIALOG *dialog* FAILED, RC=**
return_code

Explanation

Error occurred during the execution of the named dialog.

System action

Execution of the dialog is terminated.

User response

Contact IBM Software Support.

Message Type

Internal Error.

KSDIN001I **PRINT PARENTS OF CHILD *child***

Explanation

These are the parents of the specified child.

System action

None.

User response

None.

Message Type

Information.

KSDIN002I **CHILD *child* PARENT *parent***

Explanation

This is the specified child and parent.

System action

None.

User response

None.

Message Type

Information.

KSDRM002E Receive failed RC = 24 Sense = 0

Explanation

ERROR PROCESSING AN SDM FUNCTION IN DIALOG KONDSDME - APPL(CTDMVSD) SESSION(VTMD) FUNCTION(SDMMLTEM) STATUS_ITEM(SDMHNDL) RC(40)

System action

None.

User response

Review the z/OS Communication Server SNA Messages and Codes to interpret the nature of the problem. Review the message fields that identify the Omegaview Session, and the VTAM ApplID("APPL") to identify the VTAM session that is experiencing problems. In general, this may be caused by any of the following:

- Incorrect OMEGAVIEW Session parameter specification.
- VTAM Communication disruptions (hardware or network outages).
- OMII Monitor Address Space termination.
- Incorrect VTAM LOGMODE Table entries.

Message Type

Internal error.

KSDRM003E Send failed RC 4 Sense 0

Explanation

ERROR PROCESSING AN SDM FUNCTION IN DIALOG KONDSDME - APPL(CTDMVSD) SESSION(VTMD) FUNCTION(SDMMLTEM) STATUS_ITEM(SDMHNDL) RC(40)

System action

None.

User response

Review the z/OS Communication Server SNA Messages and Codes to interpret the nature of the problem. Review the message fields that identify the Omegaview Session, and the VTAM ApplID("APPL") to identify the VTAM session that is experiencing

problems. In general, this may be caused by any of the following:

- Incorrect OMEGAVIEW Session parameter specification.
- VTAM Communication disruptions (hardware or network outages).
- OMII Monitor Address Space termination.
- Incorrect VTAM LOGMODE Table entries.

Message Type

Internal error.

**KSDVS001I VARNAME *variable* VARVALUE
value**

Explanation

This is the name of the variable and its value.

System action

None.

User response

None.

Message Type

Internal error.

KSDVS002E ALLOC PCT-STR FAILED

Explanation

Allocation of the PCT string failed.

System action

Request terminated.

User response

Contact IBM Software Support

Message Type

Internal error.

KSDVS003E ALLOC COLUPDAT FAILED

Explanation

Allocation of the column update failed.

System action

Request terminated.

User response

Contact IBM Software Support.

Message Type

Internal error.

KSDVS004E ALLOC VARVALUE FAILED

Explanation

Allocation of the variable value failed.

System action

Request terminated.

User response

Contact IBM Software Support.

Message Type

Internal error.

**KSDVS005E REFRESHDM STATUS *state*
VARNAME *name* VARVALUE *value***

Explanation

These are the refresh data manager values.

User response

Contact IBM Software Support.

Message Type

Internal error.

KSDVS005I PRINT VALUES FROM VBB

Explanation

These are the values from the VBB.

System action

None.

User response

None.

Message Type

Information.

KSDXA001I PRINT XATTR OBJECT

Explanation

These are the attributes of the object.

System action

None.

User response

None.

Message Type

Information.

**KSDXA002E KSD_NEWXATTRVBB ERROR
RC=*return_code***

Explanation

Error encountered when adding attribute of item.

System action

Request terminated.

User response

Contact IBM Software Support.

Message Type

Internal error.

**KSDXA003E KSD_DISOWNCHILDREN RC=
*return_code***

Explanation

Error encountered when disconnecting children from item.

System action

Request terminated.

User response

Contact IBM Software Support.

Message Type

Internal error.

KSDXA004E **KSD_RECONCILECHILDREN RC=**
return_code

Explanation

Error encountered when reconciling children of item.

System action

Request terminated.

User response

Contact IBM Software Support.

Message Type

Internal error.

KSDXA005E **KSD_DISOWNPARENTS RC=**
return_code

Explanation

Error encountered when disconnecting parents of item.

System action

Request terminated.

User response

Contact IBM Software Support.

Message Type

Internal error.

KSDXA006E **KSD_RECONCILEPARENTS RC=**
return_code

Explanation

Error encountered when reconciling parents of item.

System action

Request terminated.

User response

Contact IBM Software Support.

Message Type

Internal error.

KSDXA007E **KSD_DELXATTR() ERROR RC=**
return_code

Explanation

Error encountering when deleting attribute of item.

System action

Request terminated.

User response

Contact IBM Software Support.

Message Type

Internal error.

KSDXA008E **INVALID RULE COLUMN NAME,**
RC= return_code

Explanation

Problem when specifying rule of specific roll-up item.

System action

Item not matched.

User response

Contact IBM Software Support.

Message Type

Internal error.

KSDXA009E **ERROR IN RULE TEXT, RC=**
return_code

Explanation

Problem when specifying rule of specific roll-up item.

System action

Item not matched.

User response

Contact IBM Software Support.

Message Type

Internal error.

LSC messages

There is only one LCS message and it is associated with Classic OMEGAMON.

LSCXn (message text varies)

Explanation

SAS/C generates messages that have LSCX prefixes.

System action

None.

User response

Contact IBM Software Support.

OB messages

The messages that begin with the OB prefix are associated with the OMEGAMON Base component.

OB0101 **INVALID FIELD DETECTED, INPUT
IGNORED**

Explanation

The cursor was placed on a field which the command processor determined to be invalid.

System action

Processing continues as determined by the particular command.

User response

Make corrections as determined by the particular command.

OB0104 **.MFY ONLY WORKS IN DEDICATED
MODE**

Explanation

The OMEGAMON session is not in the proper mode. The .MFY command only works in dedicated mode.

System action

The command terminates.

User response

Restart OMEGAMON in dedicated mode, or do not attempt to execute this command.

OB0106 ***keyword* KEYWORD VALUE cc
INVALID**

Explanation

The color or highlighting value entered for the specified keyword is not valid. When Display=BASIC, valid keyword values are HI and LO. When Display=COLOR, valid keyword values are any of the seven color names available on terminals that support the extended data stream.

System action

Command execution terminates.

User response

Correct the appropriate keyword value and retry.

OB0107 **MAJOR NOT FOUND**

Explanation

The major command name supplied during a help request was not found.

System action

Command execution terminates.

User response

Correct the major command name and re-enter it.

OB0108 **COMMAND IS NOT A MINOR OF
THIS MAJOR**

Explanation

The major command name supplied during a help request exists, but the minor supplied is not valid for this major.

System action

Command execution terminates.

User response

Correct the minor command name and re-enter.

OB0109 **MAXIMUM MESSAGE LENGTH IS 60 CHARACTERS**

Explanation

An attempt has been made to specify an XTXT message greater than 60 characters.

System action

The command terminates.

User response

Respecify the message using less than 60 characters.

OB0110 **INVALID .VAR OPTION - ccccccc**

Explanation

The option ccccccc is unknown to the .VAR command.

System action

Command execution terminates.

User response

Correct the option and retry the command.

OB0111 **INVALID VARIABLE NAME - ccccccc**

Explanation

The name ccccccc contains invalid characters.

System action

Command execution terminates.

User response

Correct the name and retry the command.

OB0112 **VARIABLE NAME TOO LONG**

Explanation

Name exceeds 8 characters.

System action

Command execution terminates.

User response

Correct the name and retry the command.

OB0113 **STRING TOO LONG**

Explanation

The length of the replacement string set with .VAR can be no larger than 64 characters.

System action

The string is not installed.

User response

Supply a shorter string and retry the command.

OB0114 **VARIABLE ccccccc HAS BEEN SET**

Explanation

The requested variable ccccccc has been updated in the table.

System action

The command executes successfully.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB0115 **VARIABLE NAME NOT FOUND IN TABLE**

Explanation

The requested name could not be located.

System action

The command terminates.

User response

Correct the command and retry. To see a list of the values in the table, issue the .VAR command.

OB0116 **VARIABLE TABLE IS EMPTY**

Explanation

The user attempted to list variables with the .VAR command, however there were no variables in the table.

System action

The command terminates.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB0117 **NO ENTRIES FOUND ON STACK**

Explanation

The .DSE command determined that no stack entries exist.

System action

The .DSE command terminates normally and waits for the next user request.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB0119 **VARIABLE NAME IS RESERVED,
CANNOT BE SET**

Explanation

The variable name on a .VAR SET operation is reserved. Either the full name as entered is reserved, or the format is reserved. For example, the exception analysis format (ZX....) is reserved.

System action

OMEGAMON suppresses the .VAR SET function.

User response

Change the variable name to a valid name and re-enter the command.

OB0120 **CANNOT LOCATE PREVIOUS
MAJOR COMMAND**

Explanation

OMEGAMON could not locate the major command associated with this minor command.

System action

OMEGAMON does not execute the minor command.

User response

Enter the minor command after a major command and retry.

OB0121 **NO WAIT INDICATED**

Explanation

The .WAT command requires a numeric argument. No numeric argument was supplied.

System action

Command execution terminates.

User response

Re-enter the command, specifying a wait value.

OB0122 **nn SECOND WAIT COMPLETED**

Explanation

OMEGAMON completed the requested wait.

System action

Command execution completes normally.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB0123 **NO MINOR COMMAND NAME
GIVEN**

Explanation

This command expects you to supply a minor command name as an argument.

System action

The command terminates.

User response

Enter a valid minor name.

OB0124 **MINOR COMMAND NAME TOO LONG**

Explanation

The user entered a minor command name longer than 4 characters.

System action

The command terminates.

User response

Correct the entry and retry.

OB0125 **NO MAJOR COMMAND HAS A MINOR WITH THIS NAME**

Explanation

The user entered an invalid minor command name.

System action

The command terminates.

User response

Enter a different minor command.

OB0126 **STATUS MODE ccc**

Explanation

Status mode has been turned ON or OFF.

System action

The command executes.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB0127 **INVALID LENGTH FOR KEYWORD - cccccccc**

Explanation

A keyword that is too long has been entered. The value cccccccc is the first 8 characters of the keyword specified with the invalid length. The maximum length

for a conditional keyword is 8; the maximum length for a relational keyword is 2 characters.

System action

The screen is not fetched.

User response

Correct the keyword and re-enter it.

OB0128 **INVALID RELATIONAL KEYWORD**

Explanation

An invalid relational keyword has been entered. Valid relational keywords are EQ, LT, LE, NE, GT, GE, and the equal (=) sign.

System action

The screen is not fetched.

User response

Correct the keyword and re-enter it.

OB0129 **INVALID CONDITIONAL SYNTAX**

Explanation

An invalid conditional syntax has been entered. The valid syntax is:

```
condition relation condition
```

System action

The screen is not fetched.

User response

Correct the keyword and re-enter.

OB0130 **DEFINITION MODE {ENABLED| HELD|DISABLED}**

Explanation

OMEGAMON set definition mode to ENABLED, HELD, or DISABLED.

System action

The command completes processing.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB0131 **DELETE FAILED - ccccccc NOT FOUND IN PROCSAVE**

Explanation

Member ccccccc, the member to delete, was not found.

System action

The command terminates.

User response

Correct the name and retry the command. You can issue the SCRN command to display a list of screens in RKOMPCSV. You cannot use DELT to delete screens from the KOBICISOMPROC data set.

OB0132 **DIRECTORY UPDATE FAILED, CODE = xx**

Explanation

An attempt to modify the RKOMPCSV directory failed; the return code (from STOW) is xx. The explanation of the return code is found in the *IBM MVS Data Administration Macro Instruction Reference* manual (STOW macro).

System action

The command terminates.

User response

Examine the return code and take appropriate action.

OB0133 **ENTER MEMBER NAME TO BE DELETED**

Explanation

The DELT command requires a member name. No member name was found.

System action

The command terminates.

User response

Enter a member name and retry the command.

OB0134 **MEMBER NAME LENGTH GREATER THAN 8 BYTES**

Explanation

The member name exceeds the maximum length of 8 bytes.

System action

The command terminates.

User response

Correct the member name and retry the command.

OB0135 **PROCSAVE MEMBERNAME ccccccc CHANGED TO aaaaaaaaa**

Explanation

The requested name change was made.

System action

The command terminates normally.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB0136 **PROCSAVE MEMBERNAME ccccccc DELETED**

Explanation

The named member was deleted.

System action

The command completes.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB0137 **RENAME FAILED - ccccccc ALREADY EXISTS IN PROCSAVE**

Explanation

The screen space name already exists in the RKOMPCSV data set.

System action

The rename process terminates.

User response

Either delete or rename the member in RKOMPCSV, or specify another name and retry.

OB0138	RENAME FAILED - ccccccc NOT FOUND IN PROCSAVE
---------------	--

Explanation

The member to be renamed is not in the RKOMPCSV data set.

System action

OMEGAMON terminates the command.

User response

You can issue the SCRN command to list screens. Correct the name and retry the command.

OB0139	RENAME FAILED - PROCSAVE DIRECTORY FULL
---------------	--

Explanation

An attempt to update the directory failed.

System action

OMEGAMON terminates the command.

User response

Increase the size of the directory or delete members, then retry the command.

OB0140	DIR ABORT NOT ALLOWED FROM DIRECTOR SESSION
---------------	--

Explanation

The ABORT function can only be performed from a collector.

System action

OMEGAMON terminates the command.

User response

If you want to abort the collector, enter the command in the collector segment and retry.

OB0141	NO SYSTEM ID SPECIFIED. NO LINES TRANSFERRED.
---------------	--

Explanation

The /GIVE command requires a target collector.

System action

OMEGAMON terminates the command.

User response

Add the required collector ID and retry.

OB0142	SAME SESSION SPECIFIED. NO LINES TRANSFERRED
---------------	---

Explanation

The target and source for /GIVE are the same.

System action

OMEGAMON terminates the command.

User response

Specify the correct collector ID and retry.

OB0143	SESSION NOT FOUND. NO LINES TRANSFERRED
---------------	--

Explanation

The target ID is not an active session.

System action

OMEGAMON terminates the command.

User response

Specify the correct collector ID and retry.

OB0144	PROCSAVE DATA SET CONCATENATED, UPDATE REQUESTS IGNORED
---------------	--

Explanation

The RKOMPCSV data set cannot be concatenated. Use KOBICSPROC to concatenate data sets for updating screen spaces.

System action

The command terminates.

User response

Correct the starting PROC or JCL, and restart OMEGAMON.

OB0145 **ENTER FROM AND TO MEMBER
NAMES FOR RENAME REQUEST**

Explanation

The user did not specify the old and new names required for the RENM command.

System action

OMEGAMON terminates the command.

User response

Supply the required parameters and retry the command.

OB0146 **{1st|2nd} MEMBER NAME IS
INVALID**

Explanation

The indicated name (from or to) is invalid for OMEGAMON.

System action

OMEGAMON terminates the command.

User response

Correct the indicated name and retry the command.

OB0147 **SCREEN SPACE NAME MISSING**

Explanation

No screen space name was supplied, or an undefined variable was used. This message usually occurs with the .SGO command.

System action

OMEGAMON terminates the command.

User response

Enter a valid screen space name or variable and retry the command.

OB0150 **DUPLICATE NAME**

Explanation

The command synonym already exists.

System action

OMEGAMON cancels the request.

User response

Specify a unique name and retry.

OB0151 **LOG RESET REQUIRED.
USE .LOGOUT**

Explanation

Issue the .LOGOUT command to activate the changes made to the log file.

System action

The command continues.

User response

Reset the LOG as indicated.

OB0152 **SYNONYM NAME NOT SPECIFIED**

Explanation

A name is required for this function.

System action

OMEGAMON ignores the request.

User response

Reissue the command and specify a synonym name.

OB0153 **SYNONYM VALUE NOT SPECIFIED**

Explanation

You must supply an OMEGAMON command name for the synonym to represent.

System action

OMEGAMON terminates the request.

User response

Supply a value for the synonym.

OB0154 **UNKNOWN REQUEST**

Explanation

An invalid function was specified.

System action

OMEGAMON terminates the request.

User response

Specify a valid function (for example, ADD, DELETE).

OB0155 **THIS COMMAND WORKS IN TSO
MODE ONLY**

Explanation

The command is reserved for use in the TSO environment.

System action

OMEGAMON terminates the command.

User response

Execute this command only in a TSO environment.

OB0156 **VALID ONLY IN DIRECTOR OR
COLLECTOR MODE**

Explanation

The .DIR command allows execution of director or collector commands from within a screen space. It only works in director or collector mode.

System action

The command does not execute.

User response

Execute this command only in a cross memory or cross system environment.

OB0160 **.FGO LOOP DETECT HAS BEEN
RESET**

Explanation

OMEGAMON processed the RESET=YES parameter of the .FGO command which reset the loop detect function.

System action

OMEGAMON execution continues.

User response

None. This is an informational message and does not require further action. Typically, this type of

message clarifies some aspect of system behavior during normal operations.

OB0161 **SCREEN SPACE FETCH {DELAYED|
PENDING}**

Explanation

The screen space processor suspends processing (delayed) until the count in the label field reaches 0. The screen space is scheduled for fetch (pending).

System action

OMEGAMON execution continues.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB0162 **SCREEN SPACE NOT FETCHED**

Explanation

The screen space was not fetched because the specified condition was not met.

System action

OMEGAMON execution continues.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB0163 **NOT A VALID KEYWORD**

Explanation

Conditional screen space fetch processing detected a keyword not contained in its tables.

System action

The command terminates.

User response

Correct the keyword and retry the command.

OB0164 **.FGO LOOP DETECT, NO FAST GO**

Explanation

There are too many .FGOs in a row (64) without an intervening display. .FGO assumes that OMEGAMON is in a loop.

System action

OMEGAMON disables the .FGO function and changes it to .SGO.

User response

Correct the screen space loop and reset the .FGO command.

OB0165 .FGO LOOP DETECT SWITCH SET

Explanation

OMEGAMON processed the TEST=YES parameter of the .FGO command which set the loop detect function.

System action

OMEGAMON execution continues. OMEGAMON continues to treat .FGO as .SGO until you reissue the .FGO command with the RESET=YES keyword.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB0170 *n* OF *m* MINOR COMMANDS GENERATED FOR *cccc*

Explanation

The user issued the .EXM immediate command with parameters. The variable *m* is the total number of minor commands associated with major command *cccc* and the variable *n* is the number of minors that .EXM displays for this request.

System action

Command execution continues.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB0171 NO MINOR COMMANDS AVAILABLE

Explanation

The user issued the .EXM immediate command with parameters. However, there are no minors associated with this major command.

System action

The command executes.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB0172 CONDITIONAL TEST FAILED - VARIABLE NOT SET

Explanation

The condition set with the .VAR immediate command tested not true.

System action

OMEGAMON does not set the variable.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB0201 INVALID COMMAND OPTION SPECIFIED

Explanation

An incorrect option was specified for the /DEF command. The valid options are ON and OFF.

System action

The command terminates.

User response

Correct the error and retry.

OB0202 MEMBER NAME TOO LONG

Explanation

The member name exceeds 8 characters.

System action

The command terminates.

User response

Correct the name and retry.

OB0203 **MEMBER ALREADY EXISTS, TO
REPLACE, USE /REP**

Explanation

The user attempted to save a screen space with the /SAVE command, but a member with the same name already exists.

System action

The command terminates.

User response

Use the /REP command or enter a new name and retry.

OB0204 **MEMBER NOT FOUND - USE /SAVE**

Explanation

A replace was attempted but no corresponding member was found in the data set.

System action

The command terminates.

User response

Correct the name or use the /SAVE command.

OB0205 **KOBICSPROC DD MISSING**

Explanation

OMEGAMON could not find the KOBICSPROC DD statement and could not open the file.

System action

The command terminates.

User response

Allocate the proper file and restart OMEGAMON.

OB0206 **PDS IS BUSY (ENQUEUE FAILED)**

Explanation

An attempt to access the data set failed because it was in use by another job.

System action

The command terminates.

User response

Wait a few moments and retry the command.

OB0207 **NO SPACE IN DIRECTORY**

Explanation

The directory is full. There is no room to add additional members.

System action

The command terminates.

User response

Increase the size of the directory and restart OMEGAMON, use an existing name, or delete entries.

OB0208 **I/O ERROR**

Explanation

An I/O error has occurred. See other accompanying messages.

System action

The command terminates.

User response

This is a generic message. Examine the specific error messages and take appropriate action.

OB0209 **PROGRAM ERROR, CONTACT IBM
CORP**

Explanation

An internal error has occurred.

System action

The command terminates.

User response

Contact IBM Software Support.

OB0210 NO PFKS SAVED BECAUSE NONE MODIFIED**Explanation**

No PF keys were modified, so OMEGAMON did not save them in the KOBICSPROC file.

System action

The command terminates.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB0211 /PWD SUPPRESSED BY SECURITY**Explanation**

The user security verification routine has permanently assigned a security level. This command is therefore disabled.

System action

The command terminates.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB0212 LOGGED**Explanation**

The screen space was logged to the report data set.

System action

The command continues.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB0213 REPORT FILE NOT AVAILABLE**Explanation**

The allocation of a report file has failed.

System action

The command terminates.

User response

Check the minors of the OUTF major command: DDNM, DEST, DSTU, and FORM.

OB0214 INVALID ARGUMENT**Explanation**

An operand was found which was not valid for the specified command.

System action

The command terminates.

User response

See the help entry for the specified command to determine the correct operands. Correct the operand and retry.

OB0215 VTAM MINIMUM WAIT IS 5 SECONDS**Explanation**

An attempt was made to set the automatic update interval at less than 5 seconds in VTAM auto update mode.

System action

The request is denied. An interval of less than 5 seconds is invalid in this mode.

User response

Set a valid time and retry.

OB0219 COLLECTOR ATTACHED**Explanation**

The requested collector is attached to this director.

System action

Processing continues.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB0220 **MEMBER NAME IS INVALID**

Explanation

The name is specified incorrectly; it must begin with an alphanational character.

System action

The command terminates.

User response

Correct the name and retry.

OB0221 **RKOMPCSV DD STATEMENT
MISSING**

Explanation

A DD statement that allocates a user PROCFILE library was not present in the JCL. Therefore, the screen space cannot be saved or replaced.

System action

OMEGAMON does not make the screen space available to the user.

User response

Supply a DD statement that points to a PROCFILE library.

OB0222 **ARGUMENT NOT ALLOWED ON /
RETURN**

Explanation

The /RETURN command (alias /R) does not allow an argument. /R is often mistaken as an alias for /REP, which does allow an argument.

System action

OMEGAMON ignores the command.

User response

Correct the command and retry.

OB0223 **INVALID STACK ENTRY NUMBER**

Explanation

OMEGAMON attempted to recall an invalid stack entry. A valid stack entry number is greater than 0 but less than the number of entries in the stack.

System action

OMEGAMON ignores the command.

User response

Correct the stack entry number. Use the .DSE command to display the entries on the stack.

OB0224 **REQUIRED MEMORY FOR ccc NOT
AVAILABLE**

Explanation

OMEGAMON is unable to allocate storage for the stack work area, where ccc is either SIA or SIB.

System action

The /STK command terminates normally and waits for the next user request.

User response

Increase the region size.

OB0225 **cccccccc STACKED**

Explanation

The /STK command successfully placed screen space ccccccc on the stack. This message appears on the INFO-line.

System action

The /STK command terminates and waits for the next user request.

User response

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations. Enter the next command.

OB0226 **cccccccc RECALLED**

Explanation

The /STK command successfully retrieved screen space ccccccc from the stack. This message appears on the INFO-line.

System action

The /STK command terminates and waits for the next user request.

User response

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations. Enter the next command.

OB0227 **STACK ENTRY *nnnn* DELETED**

Explanation

The user successfully deleted stacked screen entry *nnnn* from the stack. This message appears on the INFO-line.

System action

The /STK command terminates and waits for the next user request.

User response

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations. Enter the next command.

OB0228 **STACK EMPTIED**

Explanation

The user cleared all stack entries. OMEGAMON freed all GETMAINed storage for the stack. This message appears on the INFO-line.

System action

The /STK command terminates and waits for the next user request.

User response

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations. Enter the next command.

OB0229 **INVALID KEYWORD *cccccccc***

Explanation

The user entered an invalid keyword *cccccccc*. This message appears on the INFO-line.

System action

The /STK command terminates and waits for the next user request.

User response

Correct the keyword and retry.

OB0230 **INVALID CURSOR LOCATION**

Explanation

The cursor must not be in row 0 or in the first or last column of a row.

System action

The command terminates.

User response

Place the cursor in the proper position and retry.

OB0231 **UNABLE TO LOCATE GENERATING
COMMAND**

Explanation

The backscan for a nonblank in column 2 failed. The scanner backed into the INFO-line. This most likely occurred if there were only comments on the screen.

System action

The command terminates.

User response

Correct the screen and retry.

OB0232 **INVALID COMMAND NAME FOUND
- *cccc***

Explanation

The command name *cccc* is not a valid 3 or 4 alphanumeric character name.

System action

The command terminates.

User response

Correct the command name and retry.

OB0233 **INCORRECT OPTIONAL
PARAMETER - *cccccccc***

Explanation

The optional parameter for the /ZOOM INFO-line command is invalid. It is not 4 characters long, or it contains invalid characters.

System action

The command terminates.

User response

Correct the parameter and retry.

OB0234 **THERE ARE NO PFK
ASSIGNMENTS AT THIS TIME**

Explanation

The user has not issued any .PFK immediate commands to assign screen spaces or INFO-line commands to PF keys.

System action

OMEGAMON waits for the next user request.

User response

Use the .PFK immediate command to assign screen spaces or INFO-line commands to PF keys.

OB0235 **PFK *nn* NOT CURRENTLY
ASSIGNED**

Explanation

The user pressed PF key *nn* to execute a screen space or an INFO-line command, but a screen space or INFO-line command is not assigned to PF key *nn*. This message appears on the INFO-line.

System action

OMEGAMON waits for the next user request.

User response

Use the .PFK immediate command to assign a screen space or an INFO-line command to PF key *nn*, or try another PF key.

OB0236 **RECALL DENIED - AT *cccccc* OF
STACK**

Explanation

The user entered a /STK U or /STK D command and the stack entry pointer is currently at the top or bottom of the stack. This message appears on the INFO-line.

System action

The /STK command terminates and waits for the next user request.

User response

Enter the next command.

OB0237 **MAXIMUM STACK ENTRIES**

Explanation

There is currently a maximum of 999 stacked screens; the user cannot save another screen. This message appears on the INFO-line.

System action

The /STK command terminates and waits for the next user request.

User response

Keep the number of stacked screens under 999.

OB0238 **ERROR IN \$SQZ**

Explanation

There is an error in the \$SQZ routine.

System action

The /STK command terminates.

User response

Contact IBM Software Support.

OB0239 **EXTERNAL SECURITY ROUTINE
CANNOT BE FOUND**

Explanation

An attempt has been made to enter a new user ID via the /PWD command. However, the user's external security routine cannot be located.

System action

The command is terminated.

User response

Contact your security administrator to verify that an external security routine has been properly installed.

OB0240 **INVALID LENGTH FOR USERID**

Explanation

An attempt has been made to enter a new user ID via the /PWD command that is more than 8 characters.

System action

The command is terminated.

User response

Correct the user ID and retry.

OB0241 RELOGON NOT ALLOWED IN TSO OR SPF MODE

Explanation

An attempt has been made to enter a new user ID via the /PWD command while in TSO or ISPF mode. The relogon function is not allowed in these modes.

System action

The command is terminated.

User response

Log off from TSO and log on with the new user ID and password.

OB0242 RELOGON REQUEST DENIED - NO PASSWORD

Explanation

An attempt was made to relogon via the /PWD command, but no password was entered.

System action

The command is terminated.

User response

To relogon, re-execute the command and enter a password. If you want to reset the security level, enter /PWD without a user ID.

OB0243 RELOGON SUCCESSFUL

Explanation

Relogon via the /PWD command was successful. This is the default message.

System action

The command executes.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations. If you have customized your own message and it failed to display in place of the default message, verify the following information:

- The message has no more than 60 characters.
- U#CHMSG contains the message's length.
- U#CHMSG contains the message.
- U#CHRESP indicates that a message is pending (U@CHMSHO).

OB0244 RELOGON REQUEST DENIED

Explanation

Relogon via the /PWD command was not successful. This is the default message. The user's security exit did not return a message and message length, or returned an invalid message length. Therefore, OMEGAMON issued this default message.

System action

The command terminates.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations. If you have customized your own message and it failed to display in place of the default message, verify the following information:

- The message has no more than 60 characters.
- U#CHMSG contains the message's length.
- U#CHMSG contains the message.
- U#CHRESP indicates that a message is pending (U@CHMSHO).

OB0245 INVALID RETURN CODE *nn* FROM EXTERNAL SECURITY EXIT

Explanation

An invalid return code *nn* was passed from the external security exit.

System action

OMEGAMON terminated the command and disallowed execution of EXTERNAL=YES commands.

User response

Correct the external security exit to issue only these valid return codes: 0, 4, 8, and 12.

OB0246 /AUPON NOT ALLOWED IN TSO OR
SPF MODE

Explanation

Automatic update is not allowed under the VTAM1 interface.

System action

OMEGAMON terminated the command.

User response

If you want to update automatically, use VTAM or dedicated mode.

OB0247 RELOGON NOT ALLOWED UNDER
OLD EXIT

Explanation

The relolon feature is not available with this version of the user exit.

System action

OMEGAMON terminated the command.

User response

Upgrade the user exit to the current version.

OB0248 INTERVAL NOT EFFECTIVE IN *ccc*
MODE

Explanation

The interval that was set cannot take effect in the mode in which the user is operating, because the current mode does not support automatic updating.

System action

The interval value set is retained. If the value is saved in a user profile, it may be used in dedicated or VTAM mode.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB0249 EFFECTIVE INTERVAL IN *ccc*
MODE IS *nn.n* SECONDS

Explanation

The interval that was set cannot take effect in the mode in which the user is operating. The current mode has a minimum interval of *nn.n* seconds.

System action

The interval value set is retained, however the minimum of *nn.n* seconds becomes the effective interval in the current mode of operation. If the value is saved in a user profile, it may be effective in other modes.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB0308 INVALID KEYWORD, EXCESSIVE
LENGTH - *cccccccccccc*

Explanation

The character string is longer than OMEGAMON allows (maximum 12 characters).

System action

OMEGAMON bypasses the string. It makes no attempt to validate the string against the internal tables.

User response

Correct the parameter and retry.

OB0310 PARAMETER *keyword value DATA*
IS INVALID

Explanation

The value associated with the keyword parameter is incorrect.

System action

OMEGAMON bypasses the parameter.

User response

Correct the parameter and retry.

OB0311 PARAMETER *keyword value DATA*
IS NOT UNIQUE

Explanation

The value associated with the keyword parameter is incorrect. The data does not uniquely distinguish between entries.

System action

OMEGAMON bypasses the parameter.

User response

Correct the parameter and retry.

OB0312	UNKNOWN KEYWORD PARAMETER - cccccccccc
---------------	---

Explanation

The indicated parameter is not in any of the tables associated with this command.

System action

OMEGAMON bypasses the parameter.

User response

Correct the parameter and retry.

OB0315	PARAMETER cccccccccc (nnnnnnnnnnn) MAX DECIMALS = nn
---------------	---

Explanation

The data *nnnn* associated with parameter *cccc* contains too many significant digits to the right of the decimal point.

System action

OMEGAMON bypasses the parameter.

User response

Correct the parameter and retry.

OB0316	KEYWORD FORMAT ERROR - ccccccccc
---------------	---

Explanation

The parameter was specified in the wrong format. It must either be specified as a single word or as a keyword followed by an equal sign (=) and a data value.

System action

OMEGAMON bypasses the parameter.

User response

Correct the parameter and retry.

OB0317	PARAMETER cccccccccc (xxxxxxxxxxxx) MUST BE HEX DATA
---------------	---

Explanation

The data *xxxx* associated with parameter *ccccccc* must contain only hex digits (0–9 and A–F).

System action

OMEGAMON bypasses the parameter.

User response

Correct the parameter and retry.

OB0318	PARAMETER cccccccccc (aaaaaaaaaaaa) MUST BE bbbbbbb OR ddddddd
---------------	---

Explanation

The data *aaaaaaaaaaaa* associated with parameter *ccccccccc* must be either *bbbbbbb* or *ddddddd*. No other values are allowed.

System action

OMEGAMON bypasses the parameter.

User response

Correct the parameter and retry.

OB0319	PARAMETER cccccccccc (nnnnnnnnnnn) MUST BE NUMERIC
---------------	---

Explanation

The data *nnnn* associated with parameter *ccccccc* must be a numeric value. Only the digits 0–9 and a decimal point are allowed.

System action

OMEGAMON bypasses the parameter.

User response

Correct the parameter and retry.

OB0320 **PARAMETER cccccccccc
(aaaaaaaaaaaa)**

Explanation

The data *aaaaaaaa* associated with parameter *ccccccc* is in error. This message will be followed by additional messages explaining the error.

System action

OMEGAMON bypasses the parameter.

User response

Correct the parameter and retry.

OB0321 **LENGTH MUST BE GE xxxxxxxx
AND LE yyyyyyy**

Explanation

The length of the character or hex string data must be within the bounds *xxxxxxx* and *yyyyyy*.

System action

OMEGAMON bypasses the parameter.

User response

Correct the parameter and retry.

OB0322 **VALUE MUST BE GE ccccccc AND
LE aaaaaaa**

Explanation

The value of the number in message OB0320 must be within the bounds *ccccccc* and *aaaaaaa*.

System action

OMEGAMON bypasses the parameter.

User response

Correct the parameter and retry.

OB0323 **EXCESSIVE DATA LENGTH, MUST
BE LE 12**

Explanation

The length of the data is too long. The maximum length of any data string is 12 characters.

System action

OMEGAMON bypasses the parameter.

User response

Correct the parameter and retry.

OB0408 **EXCEPTION NOT FOUND; CALL
IBM CORPORATION**

Explanation

An exception in the KOBICUSER module could not be processed because of an error in the exception analysis tables.

System action

Exception analysis initialization terminates.

User response

Contact IBM Software Support.

OB0409 **MAXIMUM BELL INTERVAL IS 99
SECONDS**

Explanation

An attempt has been made to set the bell interval to more than 99 seconds.

System action

The command terminates.

User response

Enter a value that is less than 99 seconds.

OB0410 **MINIMUM BELL INTERVAL IS 5
SECONDS**

Explanation

An attempt has been made to set the bell interval to less than 5 seconds.

System action

The command terminates.

User response

Enter a value that is 5 seconds or more.

OB0411 **\$DFNEXC MISSING - CALL IBM
CORPORATION**

Explanation

An internal exception analysis table is missing from the OMEGAMON module.

System action

Exception analysis initialization terminates.

User response

Contact IBM Software Support.

OB0412 NEED *nnn*K MORE TO INITIALIZE EXCEPTION ANALYSIS

Explanation

OMEGAMON requires *nnn*K more storage to initialize exception analysis.

System action

The command terminates.

User response

Run OMEGAMON in a larger region.

OB0418 EXCEPTION ANALYSIS NOT INITIALIZED

Explanation

Exception analysis has not been initialized.

System action

None.

User response

Contact IBM Software Support.

OB0419 GROUP ID IS INVALID

Explanation

OMEGAMON does not recognize the group ID supplied as a valid group ID.

System action

OMEGAMON ignores the request.

User response

Enter a defined group ID or define the group to OMEGAMON.

OB0420 EXCEPTION LIMIT OF 25 ENTRIES

Explanation

A user attempted to enter more than 25 exceptions into this group. It is not possible to have more than 25 exceptions in a single user exception group.

System action

The command terminates.

User response

Create a group of 25 or less exceptions.

OB0421 LIST KEYWORD HAS NO EXCEPTIONS

Explanation

A user entered the keyword LIST= without any exceptions.

System action

The command terminates.

User response

Enter the desired exceptions for the group.

OB0422 *cccc* ENTRY NON EXISTENT NOT DELETED

Explanation

A user requested the deletion of an exception from a group that does not have that exception assigned.

System action

The command terminates.

User response

Determine the correct exception to be deleted.

OB0423 GROUP ID MUST BE PRESENT

Explanation

The GROUP= keyword was not entered.

System action

The command terminates.

User response

Enter the GROUP= keyword along with the desired group ID.

OB0424 DELETE PARAMETER IS INVALID

Explanation

The DELETE= keyword does not have GROUP or EXCEPTION specified.

System action

The command terminates.

User response

Enter the DELETE= keyword with either GROUP or EXCEPTION as the option.

**OB0425 INVALID KEYWORD SPECIFIED
FOR COMMAND**

Explanation

An undefined keyword was specified for this command.

System action

The command terminates.

User response

Correct the keyword and retry.

**OB0426 LAST, WORST, AND CUMULATIVE
VALUES HAVE BEEN RESET**

Explanation

Exception group trip statistics were reset.

System action

Last, worst, and cumulative counters were set to zero.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB0427 STATE OPTION IS INVALID

Explanation

A user entered an option for an exception state other than NULL, NDSP, TEST, ON, or OFF.

System action

The command terminates.

User response

Enter a valid option.

**OB0428 GROUP CHANGED FROM *cc* TO *aa*
FOR EXCEPTION *bbbb***

Explanation

Exception *bbbb* was previously in exception group *cc* before being assigned to group *aa*.

System action

None.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

**OB0429 DELETE INVALID, GROUP NOT IN
TABLE**

Explanation

Requested delete for exception group not processed, exception group is not in the table.

System action

The command terminates.

User response

Correct the exception group code and retry.

OB0430 EXCEPTION GROUP *cc* DELETED

Explanation

OMEGAMON deleted exception group *cc* from exception group table.

System action

The command terminates.

User response

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB0431 **EXCEPTION *cccc* DELETED FROM
EXCEPTION GROUP *aa***

Explanation

OMEGAMON deleted exception *cccc* from exception group *aa*. It is now available for assignment to another exception group.

System action

The command terminates.

User response

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB0432 ***cccccccc* - INVALID COLOR,
PLEASE RE-ENTER**

Explanation

The color entered was not a valid color.

System action

The command terminates.

User response

Enter a valid color (red, yellow, green, blue, turquoise, pink, or white).

OB0433 **EXCEPTION NAME *cccc* IS
INVALID**

Explanation

The exception name specified was not defined.

System action

The command terminates.

User response

Enter a defined exception name.

OB0434 **SEQUENCE NUMBER IS INVALID**

Explanation

A non-numeric sequence was entered for the exception.

System action

The command terminates.

User response

Enter a numeric sequence number.

OB0435 **GROUP ID *cc* IS INVALID**

Explanation

The GROUP= parameter for the XACB command was not specified or was specified incorrectly.

System action

The XACB command terminates.

User response

Enter a valid group identification code.

OB0437 **POSITION KEYWORD HAS NO
ENTRY**

Explanation

The POSITION= keyword was entered with no value following it.

System action

The command terminates.

User response

Enter a correct POSITION= value.

OB0438 **POSITION *nnn* IS INVALID**

Explanation

OMEGAMON received a POSITION=*nnn* request that is greater than the number of entries in the table that was specified.

System action

The command terminates.

User response

Enter a value within the table range.

OB0439 **NAME KEYWORD PARAMETER IS INVALID**

Explanation

The exception group NAME is null.

System action

The command terminates.

User response

Enter a valid name for the exception group.

OB0440 **MORE THAN GROUP ID REQUIRED TO ADD ENTRY**

Explanation

An undefined group ID was entered with no other parameters.

System action

The command terminates.

User response

Enter the group ID, name, and list of desired exceptions to add a new entry to the table.

OB0441 **ccccccc IS AN INVALID KEYWORD**

Explanation

An undefined keyword was entered.

System action

The command terminates.

User response

Correct the spelling of the keyword.

OB0442 **KEYWORDS ALL/LIST/GROUP ARE MUTUALLY EXCLUSIVE**

Explanation

The XACB command uses the ALL, LIST, and GROUP keywords to select exceptions for display. Only one of these selection options may be specified at a time.

System action

XACB output is suppressed.

User response

Enter only one of the three keywords.

OB0443 **VERBOSE AND TERSE ARE MUTUALLY EXCLUSIVE**

Explanation

The XACB command produces either a VERBOSE or TERSE display. The presence of both keywords creates a conflict.

System action

XACB output is suppressed.

User response

Select either VERBOSE or TERSE.

OB0444 **GROUP cc HAS NO EXCEPTIONS ASSIGNED TO IT**

Explanation

The XACB command was used to select exception group cc for display. There are no exceptions currently assigned to group cc.

System action

The command is ignored.

User response

Select another exception group for display.

OB0445 **THERE ARE NO EXCEPTIONS AVAILABLE FOR DISPLAY**

Explanation

The XACB command did not find any exceptions that met the selection criteria specified. This could have happened because the LIST= parameter was specified without any exception name.

System action

The command is ignored.

User response

Enter a valid group identifier or exception name.

OB0510 **USER PROFILE cc ADDED TO LIBRARY**

Explanation

The user added a new profile *cc* to the profile library.

System action

The command executes.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB0515 **USER PROFILE *cc* DELETED FROM LIBRARY**

Explanation

The user deleted profile *cc* from the profile library.

System action

The command executes.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB0520 **USER PROFILE *cc* REPLACED IN LIBRARY**

Explanation

The user replaced existing profile *cc* in the profile library.

System action

The command executes.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB0525 **USER PROFILE *cc* NOT IN LIBRARY**

Explanation

The user attempted to delete profile *cc* which does not exist in the library.

System action

The command terminates.

User response

Correct the profile ID and retry.

OB0526 **OMEGAMON WILL EXECUTE USING IBM DEFAULTS**

Explanation

This message indicates which profile defaults will execute for this session.

System action

The command completes processing.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB0527 **OMEGAMON WILL EXECUTE USING YOUR INSTALLATION PROFILE**

Explanation

This message indicates which profile defaults will execute for this session.

System action

The command executes.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB0530 **USER PROFILE ID *cc* IS NOT VALID**

Explanation

The user issued a profile command with an invalid profile identifier (suffix).

System action

The command terminates.

User response

Enter a valid 2-character profile identifier. Use the PPRF LIST command to list valid identifiers at your installation.

OB0532 **USER PROFILE KEYWORD ccccccc IS INVALID**

Explanation

The user issued a profile command with an invalid profile keyword.

System action

The command terminates.

User response

Enter the profile keyword SAVE or DELETE.

OB0535 **INSTALLATION PROFILE cc DELETED FROM LIBRARY**

Explanation

The installer deleted the installation profile from the library.

System action

The command terminates.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB0540 **INSTALLATION PROFILE ADDED TO LIBRARY**

Explanation

The installer added a new installation profile to the profile library.

System action

The command terminates.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB0544 **INSTALLATION PROFILE DELETED FROM LIBRARY**

Explanation

The installer deleted the existing installation profile from the profile library.

System action

The command terminates.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB0545 **INSTALLATION PROFILE REPLACED IN LIBRARY**

Explanation

The installer replaced the existing installation profile in the profile library.

System action

The command terminates.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB0546 **INSTALLATION PROFILE IDENTIFIER NOT ALLOWED**

Explanation

The user entered a profile identifier for the installation profile command. It does not accept an identifier.

System action

The command terminates.

User response

Either use the PPRF command for a user profile, or delete the identifier on the IPRF command for the installation profile.

OB0547 **INSTALLATION PROFILE NOT IN LIBRARY**

Explanation

The installer attempted to delete or replace a non-existent installation profile from the profile library.

System action

The command terminates.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB0580 **COMMENT ccccccccccccccccc IS MORE THAN 18 CHARACTERS LONG**

Explanation

A comment was added with the PPRF command that is longer than the maximum allowed.

System action

The command terminates.

User response

Add a comment that is a maximum of 18 characters and retry the command.

OB0590 **PROFILE SERVICE REQUEST FAILED - {reason}**

Explanation

A user profile request failed for the specified reason.

System action

The request is terminated.

User response

The reasons that appear follow. Take the appropriate action for the reason displayed with this message.

OB0590(cont.) **ABEND X'13' OCCURRED IN cccc**

Explanation

An X'13' abend occurred when the specified routine (cccc) tried to open the profile data set.

System action

The request is terminated.

User response

Check the SYSLOG for the X'13' abend and correct the problem.

OB0590(cont.) **ABEND X'14' OCCURRED IN cccc**

Explanation

An X'14' abend occurred attempting to close the profile data set from routine cccc.

System action

The request is terminated.

User response

Check the SYSLOG for the X'14' abend and correct the problem.

OB0590(cont.) **ABEND X'37' OCCURRED IN cccc**

Explanation

An X'37' abend occurred while processing the profile data set from routine cccc.

System action

The request is terminated.

User response

Compress and/or re-allocate the data set as required.

OB0590(cont.) **ABEND 913, SECURITY VIOLATION**

Explanation

An abend 913 occurred attempting to access a profile data set.

System action

The request is terminated.

User response

Contact the person in charge of system security at your installation.

OB0590(cont.) **FILE NOT AVAILABLE**

Explanation

A prior error occurred during user profile facility processing and the file was flagged as unavailable to this OMEGAMON session.

System action

The request is terminated.

User response

There should be a prior error message. Follow the instructions to correct the first error.

OB0590(cont.) GETMAIN FAIL, INCREASE REGION

Explanation

An attempt to GETMAIN storage failed with a non-zero return code.

System action

The request is terminated.

User response

Increase the region parameter on the EXEC statement or job card of the OMEGAMON session.

OB0590(cont.) INPUT DCB OPEN FAILED

Explanation

An attempt to open the input profile data set was not successful.

System action

The request is terminated.

User response

Make sure that the input profile data set is properly defined. Contact IBM Software Support.

OB0590(cont.) INPUT FILE NOT AVAILABLE

Explanation

A prior error occurred during user profile facility processing and the input file was flagged as unavailable to this OMEGAMON session.

System action

The request is terminated.

User response

Another OB0590 message with a different reason was issued prior to this one. Follow the procedure to correct the first error.

OB0590(cont.) INTERNAL ERROR, cccccc

Explanation

Routine cccccc has detected an OMEGAMON internal error.

System action

The request is terminated.

User response

Contact IBM Software Support.

OB0590(cont.) INTERNAL PROFILE HEADER ERROR

Explanation

The user profile header record about to be written to the output data set has an error.

System action

The request is terminated.

User response

Contact IBM Software Support.

OB0590(cont.) INVALID DDNAME IN cccc

Explanation

An internal OMEGAMON error has occurred.

System action

The request is terminated.

User response

Contact IBM Software Support.

OB0590(cont.) INVALID SERVICE REQUEST TYPE

Explanation

An invalid parameter type was presented to the user profile facility I/O driver.

System action

The request is terminated.

User response

Contact IBM Software Support.

OB0590(cont.) IOWA NOT AVAILABLE**Explanation**

The user profile I/O work area is not available.

System action

The request is terminated.

User response

Contact IBM Software Support.

OB0590(cont.) MEMBER IS EMPTY**Explanation**

The requested profile member contains no records.

System action

The request is terminated.

User response

Delete or replace the empty profile.

OB0590(cont.) nnnnnnnn NOT FOUND**Explanation**

Member *nnnnnnnn* was not found in the profile data set.

System action

The request is terminated.

User response

Insure that the proper member name was requested. Use the PPRF LIST command to see what profiles are available and what profile data sets are allocated.

OB0590(cont.) OPEN FAILURE IN cccc**Explanation**

An attempt to open a profile data set in routine *cccc* was not successful.

System action

The request is terminated.

User response

Insure that the profile data sets are properly defined. If you still cannot open the data set, contact IBM Software Support.

OB0590(cont.) OUTPUT DCB OPEN FAILED**Explanation**

An attempt to open the output profile data set was not successful.

System action

The request is terminated.

User response

Make sure that the output profile data set is properly defined. Contact IBM Software Support.

OB0590(cont.) OUTPUT FILE NOT AVAILABLE**Explanation**

A prior error occurred during user profile facility processing and the output file was flagged as unavailable to this OMEGAMON session.

System action

The request is terminated.

User response

Another OB0590 message with a different reason was issued prior to this one. Follow the procedure to correct the first error.

OB0590(cont.) OUTPUT TEMPORARILY UNAVAILABLE**Explanation**

The output profile data set is being used by another OMEGAMON session.

System action

The request is terminated.

User response

Once the output profile data set is free, you can enter the command again. If the condition persists, contact IBM Software Support.

OB0590(cont.) PROFILE DATA SETS NOT ALLOCATED

Explanation

The KOBICSPROF and KOBICSPROFSV data sets are not allocated.

System action

The request is terminated. Profile services are not available.

User response

Allocate the KOBICSPROF and KOBICSPROFSV data sets by DD statements or CLIST as appropriate for the session mode. If the problem persists, contact IBM Software Support.

OB0590(cont.) SEQUENCE ERROR IN cccc

Explanation

An internal error occurred during user profile facility processing in routine cccc.

System action

The request is terminated.

User response

Another OB0590 message with a different reason was issued prior to this one. Follow the procedure to correct the first error.

OB0590(cont.) SERVICE NOT AVAILABLE

Explanation

An invalid parameter was presented to the user profile facility I/O driver.

System action

The request is terminated.

User response

Contact IBM Software Support.

OB0590(cont.) SPANNED RECORD ERROR

Explanation

A profile being read for input was found to have an invalid value in the spanned record field.

System action

The request is terminated.

User response

Attempt to recreate the profile and if the problem still exists, contact IBM Software Support.

OB0800 INFORMATION UNAVAILABLE— NOT A MULTI-USER ENVIRONMENT

Explanation

In response to the .VTM command, OMEGAMON determined that the current environment does not support multi-user sessions. There is no meaningful information for the .VTM command to display. Valid multi-user environments are VTM, VTS, and VTT.

System action

The command terminates.

User response

Use this command only in a valid multi-user environment controlled by OBVTAM.

OB0801 INFORMATION UNAVAILABLE— INTERNAL ERROR

Explanation

In response to the .VTM command, OMEGAMON attempted to display multi-session status information. However, OMEGAMON detected one or more problems in the internal subtask configuration for OBVTAM. This problem may be caused by transitory changes in OBVTAM subtask structures, which could result in a program check.

System action

The command terminates.

User response

Reissue the command. If this message persists, contact IBM Software Support.

OB0802 NO DATA ONLY SPACES ARE OWNED BY THIS ADDRESS SPACE

Explanation

No tasks within the address space specified by the PEEK major command own any data-only spaces.

System action

The command terminates.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB0803 **ERROR DETECTED IN INTERNAL
SCAN ROUTINE**

Explanation

An internal subroutine detected an error while collecting information on data-only spaces for the specified address space.

System action

The command terminates.

User response

Try the command again. If this message persists, contact IBM Software Support.

OB0900 **COMMAND *cccc* IS NOT A VALID
COMMAND**

Explanation

The command *cccc* is not a minor of the current major command or is not itself a major or immediate command.

System action

OMEGAMON bypasses this line.

User response

Correct the command and retry.

OB0901 **COMMAND SUPERSEDED BY *cccc***

Explanation

OMEGAMON no longer supports the specified command. Command *cccc* now performs a similar function.

System action

OMEGAMON selects the new version of the command.

User response

None. In the future, use command *cccc*.

OB0902 **COMMAND INVALID UNDER *nnn***

Explanation

This command is not valid with the MVS version you are running (*nnn*).

System action

OMEGAMON selects the next command.

User response

Use this command with the correct version of MVS.

OB0903 **INVALID INFO-LINE COMMAND**

Explanation

The INFO-line command entered does not exist.

System action

The command is not executed.

User response

Correct the command and retry.

OB0906 **COMMAND DISABLED**

Explanation

The specified command was disabled by user security processing.

System action

OMEGAMON bypasses this line.

User response

Issue another command.

OB0910 **PROGRAM CHECK - RECOVERY
SUCCESSFUL - *xxxxxxxx***

Explanation

An OMEGAMON command terminated abnormally due to a program check at location *xxxxxxxx*.

System action

OMEGAMON aborts the command.

User response

Retry the command. If the problem persists, follow the instructions given in the Preface, then contact IBM Software Support.

OB0915 **CROSS MEMORY ERROR,
ADDRESS SPACE SWAPPED OUT**

Explanation

Cross memory operations were attempted to an address space that was swapped out.

System action

Program recovery is successful, although the operation is suppressed.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB0916 **PATTERN MUST BE SET BY .SPT
COMMAND**

Explanation

A pattern-controlled operation was requested, but the pattern was not defined.

System action

Operation is ignored.

User response

Set a proper pattern using the .SPT command.

OB0917 **PATTERN ARGUMENT MUST BE
NUMERIC**

Explanation

The command requires a pattern that only has numeric values.

System action

Pattern operation is ignored.

User response

Correct the command and retry.

OB0918 **NO PATTERN EXISTS**

Explanation

No pattern exists for the requested pattern number.

System action

Pattern operation is ignored.

User response

Correct the command or assign a pattern.

OB0919 **PATTERN NUMBER MUST BE 0
THROUGH 9**

Explanation

Invalid pattern number.

System action

Pattern operation is ignored.

User response

Correct the command and retry.

OB0920 **COMMAND LOOP—RECOVERY
SUCCESSFUL**

Explanation

OMEGAMON built-in loop detection encountered a possible loop in an OMEGAMON command processor.

System action

OMEGAMON terminates the command.

User response

Use the .SET command to increase the LOOPTIME and/or LOOPCOUNT values. If the problem persists after setting these values to the maximum, follow the instructions given in the Preface and contact IBM Software Support.

OB0921 **SECURITY CHECK FAILED
(INTERNAL)**

Explanation

A password was not supplied for the security level associated with this command.

System action

OMEGAMON suppresses the command.

User response

Supply a valid password, or see your security administrator.

**OB0922 SECURITY CHECK FAILED
(EXTERNAL)****Explanation**

The OMEGAMON external security interface determined that the command is not authorized for execution.

System action

OMEGAMON suppresses the command.

User response

See your security administrator.

**OB0924 cccc COMMAND NOT VALID WITH
cc ARGUMENT****Explanation**

This command does not support a .D or a .R argument.

System action

The command is not executed.

User response

Correct the command syntax and retry.

OB0925 LOOP IN OMEGAMON BASE**Explanation**

OMEGAMON's built-in loop detection encountered a possible loop in an OMEGAMON service module.

System action

OMEGAMON terminates with a user ABEND 0925.

User response

Use the .SET command to increase the LOOPTIME and/or LOOPCOUNT values. If the problem persists after setting these values to the maximum, follow the instructions given in the Preface and contact IBM Software Support.

**OB0926 LOOP IN OMEGAMON BASE
TERMINATION****Explanation**

A loop was detected while termination operations were under way.

System action

Termination operations are suspended and OMEGAMON abends.

User response

If the problem persists, contact IBM Software Support.

**OB0930 UNEXPECTED PROGRAM CHECK -
XXXXXXXXXX****Explanation**

OMEGAMON abend protection (ESTAE) processing detected a program check error in a module at location XXXXXXXX.

System action

OMEGAMON terminates the command.

User response

Follow the instructions given in the Preface, then contact IBM Software Support.

**OB0931 CP LOCATE OR CANDLE DIAGNOSE
REQUIRED****Explanation**

The command cannot be executed without having either the authority to issue the CP LOCATE, or the IBM Tivoli Candle User Diagnose installed.

System action

OMEGAMON terminates the command.

User response

Get the privilege class needed to execute the CP LOCATE command or install the IBM Tivoli Candle User Diagnose as documented in the *OMEGAMON and EPILOG for VM Installation and Customization Guide* and regenerate the VM operating system.

**OB0932 CANDLE DIAGNOSE OR CP LOCK
COMMAND REQUIRED****Explanation**

The command cannot be executed without having either the IBM Tivoli Candle User Diagnose installed or authority to issue the CP LOCK command.

System action

OMEGAMON terminates the command.

User response

Install the IBM Tivoli Candle User Diagnose as documented in the *OMEGAMON and EPILOG for VM Installation and Customization Guide* and regenerate the VM operating system, or get the privilege class needed to execute the CP LOCK command.

OB0933 **OMEGAMON resource cleanup initiated for abend ccccc RC=xxxxxxxx**

Explanation

An abend occurred for an OMEGAMON session, and the non-private area resources will be removed. *cccc* is the abend code and *xxxxxxxx* is the return code associated with the failure. This message is always followed by OB0935.

System action

Termination continues.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB0934 **LOAD FAILED FOR USER SECURITY EXIT - ccccccc**

Explanation

At initialization, this message appears if OMEGAMON was unable to load the designated user security exit.

System action

All EXTERNAL=YES commands with associated security levels of 0 are disabled.

User response

Ensure that the user security exit is specified in the MODULE= keyword of the security update program.

OB0935 **OMEGAMON RESOURCE CLEANUP COMPLETE**

Explanation

Abend processing removed non-private area resources in preparation for abnormal termination.

System action

Termination continues.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB0936 **WARNING—RUNNING KOBASnnn ON MVS/SPmmm. USE KOBASbbb.**

Explanation

The MVS version level of OMEGAMON you are attempting to initialize (*nnn*) does not match the MVS version under which you are running (*mmm*). Because we do not distinguish among all possible MVS variations, *mmm* can be 13x, 2xx, or 3xx. The variable *bbb* is the correct level.

System action

The system prompts you on whether you want to continue initialization. If you do continue to run an OMEGAMON version that does not match the MVS version level, the integrity of some OMEGAMON data may be compromised.

User response

Determine whether your site is licensed for the version of OMEGAMON that matches your MVS level. If so, check the version level specified in the start-up parameters and change *nnn* to *bbb*. If not, contact IBM Software Support.

OB0937 **WARNING—RUNNING MVS/SPnnn MODULE pppppppp ON MVS/SPmmm**

Explanation

The variable *nnn* is the MVS version on which the module (*pppppppp*) is supported. It does not match the MVS version under which you are running (*mmm*). Because we do not distinguish among all possible MVS variations, *mmm* can be one of 13x, 2xx, or 3xx.

System action

The system prompts you on whether you want to continue initialization. If you do continue and run an OMEGAMON version that does not match the MVS version level, the integrity of some OMEGAMON data may be compromised.

User response

Determine whether your site is licensed for the version of OMEGAMON that matches your MVS level. If so, check the version level specified in the start-up parameters and change *nnn* to *bbb*. If not, contact IBM Software Support.

OB0938 **WARNING—OMEGAMON
UNSUPPORTED ON MVS PRE-
SP1.3.**

Explanation

OMEGAMON no longer supports versions of MVS prior to SP1.3.

System action

The system prompts you on whether you want to continue initialization. If you continue to run an OMEGAMON version that does not match the MVS version level, the integrity of some OMEGAMON data may be compromised.

User response

Upgrade your MVS version.

OB0939 **STORAGE UNAVAILABLE FOR
COWA**

Explanation

A collector is starting and needs memory for the work area to communicate with the director. The request for memory has failed.

System action

The collector terminates.

User response

Increase region size and try again.

OB0940 **NO RESPONSE FROM DIRECTOR
FOR 5 MINUTES**

Explanation

During the last 5 minutes, an OMEGAMON collector session did not detect a response from its associated director session.

System action

OMEGAMON terminates the collector.

User response

Determine why the director failed and restart the session.

OB0941 **COLLECTOR CONNECTION FAILED:
NO SEGMENTS AVAILABLE**

Explanation

The user tried to establish more than the maximum number (7) of cross memory collector sessions with a single OMEGAMON director.

System action

OMEGAMON cancels the request.

User response

If you need to display more than 7 cross memory collectors on this system, start another OMEGAMON director.

OB0942 **COLLECTOR AT WRONG VERSION:
CONNECTION FAILED**

Explanation

A cross memory collector at a different (and incompatible) release level tried to start a cross memory session with an OMEGAMON director.

System action

OMEGAMON cancels the request.

User response

Bring up the director and cross memory collector using the same (or a compatible) version of OMEGAMON.

OB0943 **NO RESPONSE FROM COLLECTOR
FOR 5 MINUTES**

Explanation

An OMEGAMON director did not detect a response from one of its associated collectors during the last 5 minutes.

System action

The director terminates this collector session.

User response

Determine why the collector failed, and restart the collector. If the condition continues, contact IBM Software Support.

**OB0944 DIRECTOR INITIALIZATION
FAILED: ID ALREADY IN USE**

Explanation

An attempt to bring up an OMEGAMON director failed because OMEGAMON was already running in another address space using the same system ID (via the SYS= start-up keyword).

System action

OMEGAMON cancels the request.

User response

To initialize the OMEGAMON director, specify a unique value for the SYS= parameter.

**OB0945 DIRECTOR INITIALIZATION
FAILED: NOT AUTHORIZED**

Explanation

An attempt was made to bring up an OMEGAMON director that did not have APF authorization.

System action

OMEGAMON terminates the director.

User response

APF authorize all of the necessary load libraries and restart the director.

**OB0946 TARGET DIRECTOR NOT FOUND
(RC=20)**

Explanation

OMEGAMON could not start the requested OMEGAMON cross memory collector because it could not find the specified director (via the DIR= start-up keyword).

System action

OMEGAMON cancels the request.

User response

Bring up the OMEGAMON director before you try to initialize the collector or specify the ID of an active director.

**OB0947 ANOTHER COLLECTOR HAS THE
SAME ID (RC=24)**

Explanation

An attempt to start the requested OMEGAMON collector failed because another collector was already active using the specified system ID (via the SYS= start-up keyword). You must specify a unique system ID for each collector when you bring up multiple OMEGAMON collectors in the same system.

System action

OMEGAMON cancels the request.

User response

Specify a unique system ID for each collector.

**OB0948 INVALID NUMBER OF COLUMNS
SPECIFIED (RC=36)**

Explanation

The number of columns you specified (via the COLS= keyword) for the cross memory or cross system collector does not match the number of columns for the director with which the collector is attempting to begin a session.

System action

OMEGAMON cancels the request.

User response

Correct the COLS= value at either the collector or director and restart the session.

**OB0949 DIRECTOR AT WRONG VERSION:
CONNECTION FAILED (RC=40)**

Explanation

A cross memory collector tried to start a cross memory session with an OMEGAMON director of a different and incompatible release level.

System action

OMEGAMON cancels the request.

User response

Bring up the director and cross memory collector using the same (or compatible) version of OMEGAMON.

**OB0950 DISK DATA SET AT WRONG
VERSION - REFORMAT (RC=40)**

Explanation

This session's cross system data set was formatted with an incompatible version of the format program.

System action

OMEGAMON cancels the request.

User response

Reformat the cross system data set with the current version of the KOBXDSK program.

OB0951 ONLY EIGHT SEGMENTS ALLOWED

Explanation

The /ATTACH command generates this message. OMEGAMON allows no more than 7 collectors plus the director segment at the director screen for cross memory/cross system mode terminal input/output processing.

System action

OMEGAMON cancels the request.

User response

If you need to display more than 7 collectors on this system, start another OMEGAMON director.

OB0952 COLLECTOR ID ALREADY ACTIVE

Explanation

The /ATTACH command generates this message. While trying to bring up a cross system collector session, OMEGAMON detected that this collector was already in session with a director.

System action

OMEGAMON cancels the request.

User response

Specify the correct collector ID.

OB0953 DDNAME MISSING

Explanation

This message may be issued in either of two situations:

- When the /ATTACH command is issued and OMEGAMON did not find the correct DD statement for the cross system data set.

- When attempting to start a collector and OMEGAMON did not find the correct DD statement for the cross system data set.

System action

OMEGAMON cancels the request.

User response

To correct the error, check the following:

- A collector system ID for the session that matches the name specified on the SYS= start-up parameter.
- A missing or incorrect DD statement in the director start-up JCL or EXEC file to point to the cross system data set.
- A missing or incorrect DD statement in the collector start-up JCL or EXEC file to point to the cross system data set.

When you have corrected the error, restart the OMEGAMON director.

OB0954 COLLECTOR ID REQUIRED

Explanation

The /ATTACH command generates this message. An /ATTACH INFO-line command was entered without a collector ID.

System action

OMEGAMON cancels the request.

User response

Re-enter the /ATTACH command and specify a valid collector ID.

OB0955 DATA SET AT WRONG LEVEL - REFORMAT

Explanation

The /ATTACH command generates this message. A different release level format program was used to format the cross system data set for this cross system session and its director.

System action

OMEGAMON cancels the request.

User response

Reformat the cross system data set with the current version of the KOBXDSK program.

OB0956 DATA SET HAS WRONG NUMBER OF COLUMNS - REFORMAT**Explanation**

The /ATTACH command generates this message. The cross system data set used for cross system session initialization was formatted for a different screen size (via the COLS= parameter) than that of the director terminal.

System action

OMEGAMON cancels the request.

User response

Reformat the cross system data set with KOBXDSK and specify the proper COLS= value.

OB0957 DIRECTOR MODE IS REQUIRED**Explanation**

The /ATTACH command generates this message. The attempt to attach a cross system collector at an OMEGAMON console failed because it was not initiated as an OMEGAMON director.

System action

OMEGAMON cancels the request.

User response

Restart OMEGAMON, specifying the proper parameter for director mode.

OB0958 ENQUEUE ALREADY OUTSTANDING. QNAME: cccc**Explanation**

An enqueue attempt by the director controller failed.

System action

The attach is suppressed.

User response

If this problem persists, contact IBM Software Support.

OB0959 DEQUEUE ATTEMPTED FOR RESOURCE NOT OWNED. QNAME:cccc**Explanation**

A dequeue attempt by the director controller failed.

System action

The detach is suppressed.

User response

If this problem persists, contact IBM Software Support.

OB0960 BASE(Vnnnccc) AND INIT(Vnnnccc) VERSIONS ARE NOT COMPATIBLE**Explanation**

You are using two incompatible levels of OMEGAMON load modules.

System action

OMEGAMON does not start.

User response

Verify that the proper libraries are in use. If necessary, reinstall OMEGAMON using the appropriate distribution tape.

OB0962 UNABLE TO OPEN PRIMARY CONSOLE**Explanation**

OMEGAMON could not bring up the requested dedicated OMEGAMON session because the OMEGAMON console (specified by the UNIT= start-up keyword) is not available.

System action

If this is the first OMEGAMON console session in the address space, OMEGAMON terminates. Otherwise, the particular OMEGAMON console session terminates.

User response

Check to see whether the terminal address is attached to another user or owned by VTAM. Specify an available console and retry.

OB0963 cc MODE INVALID: NOT A TSO SESSION

Explanation

You can only specify TS or LS mode at OMEGAMON start-up when OMEGAMON is running under a TSO session.

System action

OMEGAMON terminates.

User response

Correct the MODE= parameter and restart OMEGAMON.

OB0964	TS CHANGED TO LS AS THIS IS NOT A SCREEN DEVICE
---------------	--

Explanation

An OMEGAMON TSO session was altered to low-speed mode, since the OMEGAMON terminal is not a display device.

System action

TS mode becomes LS mode.

User response

Specify MODE=LS when starting OMEGAMON at this device.

OB0965	WARNING: NUMBER OF ROWS REQUESTED DOES NOT MATCH YOUR TERMINAL SIZE
---------------	--

Explanation

The value specified for the ROWS= start-up parameter does not match the actual size of the OMEGAMON terminal screen.

System action

OMEGAMON changes ROWS to match the terminal size; initialization continues.

User response

Specify a ROWS= value that matches your terminal's physical characteristics at OMEGAMON start-up.

OB0966	RKOMPCSV DD CONCATENATED, UPDATES IGNORED
---------------	--

Explanation

The RKOMPCSV DD statement consists of more than one data set.

System action

MVS data management constraints prevent OMEGAMON from performing any PDS updates to RKOMPCSV. OMEGAMON ignores requests by the /SAVE and /REP INFO-line commands and the DELT and RENM immediate commands.

User response

Remove the concatenated data sets from the RKOMPCSV DD statement and restart OMEGAMON.

OB0967	xxPROCSV PRIOR SECURITY VIOLATION xxPROC —ABEND SX13
---------------	---

Explanation

A /SAVE or /REP command failed due to a security problem.

System action

The command terminates.

User response

Consult your security coordinator to gain access to the data sets in the xxPROC DD statement.

OB0969	INSUFFICIENT MEMORY TO INITIALIZE
---------------	--

Explanation

OMEGAMON was unable to GETMAIN enough virtual storage to complete initialization.

System action

Start-up fails.

User response

Increase the region size address space and restart OMEGAMON. (See message OB0970).

OB0970	INCREASE REGION SIZE BY nnnK AND RERUN
---------------	---

Explanation

Initialization failed because OMEGAMON needed additional virtual storage.

System action

OMEGAMON terminates.

User response

Increase the REGION= parameter by the amount that this message indicates and restart OMEGAMON. (See message OB0969.)

OB0971+....**1**....+....**2**....+....**3**....+....**4**

Explanation

This ruler appears below message OB0972 to help you locate PARM line errors. The following additional message text displays below the ruler line, followed by the column location of the error, except when the error is in column 1.

System action

The OMEGAMON session terminates.

User response

Examine the message text and make suitable corrections. Additional message text:

- OMEGAMON STARTUP PARAMETER ERROR
- PARM FIELD SYNTAX ERROR
- PARAMETERS MUST BE SEPARATED BY A COMMA
- KEYWORD MUST END IN EQUAL SIGN
- UNKNOWN KEYWORD PARAMETER
- PARAMETER STRING TOO SHORT
- PARAMETER STRING TOO LONG
- PARAMETER NOT VALID HEXADECIMAL VALUE
- PARAMETER VALUE TOO LOW
- PARAMETER VALUE TOO HIGH
- THIRD CHARACTER MUST BE NUMERIC
- FIRST PARAMETER LENGTH ERROR
- UNABLE TO ACQUIRE STORAGE FOR PARAMETER TABLES
- UNIT SAME AS EXISTING TASK
- OMEGAMON HAS PROBABLY BEEN ENTERED AS A TSO COMMAND
- UNSUPPORTED MODE - BASE
- UNSUPPORTED MODE - OMEGAMON
- UNSUPPORTED MODE - NO IC DRIVER

OB0972 (USER INPUT APPEARS HERE)

Explanation

OMEGAMON issues this message with OB0971 (see above).

System action

OMEGAMON terminates.

User response

See the error code for OB0971.

OB0973 **WARNING -- RUNNING *nnn***
OMEGAMON ON *yyy* SYSTEM

Explanation

This level of OMEGAMON (*nnn*) is incompatible with this level of VM (*yyy*).

System action

OMEGAMON initialization continues, but with unpredictable results.

User response

If OMEGAMON did not terminate itself, stop it, install the correct OMEGAMON level, and restart OMEGAMON.

OB0974 ***aaaaaaaa* LOADER ERROR**

Explanation

OMEGAMON attempted to load module *aaaaaaaa*, but could not find it in the load library.

System action

The load fails and OMEGAMON issues an abend code 0974.

User response

Check that module *aaaaaaaa* is in the load library.

OB0975 ***aaaaaaaa* MODULE HAS**
REENTRANT LINKAGE EDITOR
ATTRIBUTE

Explanation

OMEGAMON could not update the module *aaaaaaaa* because it resides in a store-protected subpool.

System action

OMEGAMON terminates.

User response

Relink module *aaaaaaaa* without the RENT linkage editor parameter.

OB0976 RMF ASCB NOT FOUND**Explanation**

OMEGAMON was unable to locate proper ASCB during RMF search.

System action

The process terminates.

User response

Contact IBM Software Support.

OB0977 {SMF|WTO} AUDITING IS BEING SUPPRESSED FOR THIS SESSION**Explanation**

The user security exit has explicitly requested that SMF and/or WTO auditing be suppressed for this session; this request is made at initialization and/or relogon time. This message only appears once.

System action

The command terminates.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB0978 SECURITY ROUTINE HAS ABORTED STARTUP**Explanation**

An external security routine passed back a non-zero return code to initialization.

System action

OMEGAMON terminates.

User response

See your security officer.

OB0979 ERROR LOADING PRODUCT MODULE ccccccc**Explanation**

The product module could not be loaded successfully.

System action

OMEGAMON terminates.

User response

Be sure the named module is in the product library. See accompanying MVS system messages and take appropriate action. If it is not in the product library, contact IBM Software Support.

OB0980 SAVE STACK RECOVERY SUCCESSFUL**Explanation**

The save area stack overflowed.

System action

The command terminates.

User response

Contact IBM Software Support.

OB0981 COMMAND TABLE ERROR cccc**Explanation**

A validation error occurred while loading the command table module.

System action

OMEGAMON terminates.

User response

Contact IBM Software Support.

OB0982 ERROR DETECTED IN COMMAND TABLES**Explanation**

An error occurred while loading the command tables.

System action

This is a secondary message. It follows messages that contain validation error information.

User response

Examine the previous errors and follow the recommended user responses.

OB0983 **CANNOT LOCATE COMMAND
TABLE MODULE, ABEND=cccc,
RC=cc**

Explanation

The usual cause of this message is insufficient region size for OMEGAMON to load the command table module.

System action

OMEGAMON aborts the session start.

User response

See your installer to increase the region size. For other possible causes, look up the abend code in the IBM *System Codes* manual for your system. You may also need to refer to the IBM *System Messages* manual.

OB0984 **NO COMMAND TABLE MODULE
NAME**

Explanation

An error occurred in command table processing.

System action

OMEGAMON terminates.

User response

Contact IBM Software Support.

OB0985 **SAVE STACK RECOVERY
SUCCESSFUL**

Explanation

Invalid stack release by a command.

System action

OMEGAMON terminates the command execution.

User response

This is an internal error. Contact IBM Software Support.

OB0986 **GETMAIN FAILED FOR COMMAND
TABLES**

Explanation

The request for storage for a copy of the command module failed.

System action

OMEGAMON terminates.

User response

Increase the region size for OMEGAMON.

OB0987 **PRODUCT INITIALIZATION
FAILED, RC=nnn**

Explanation

The product initialization routines have returned an error code which is non-zero.

System action

OMEGAMON terminates.

User response

Read any other messages that accompany this message. If unable to find the problem, contact IBM Software Support.

OB0988 **PRODUCT LEVEL nnn
INCOMPATIBLE WITH DRIVER
LEVEL mmm**

Explanation

The base driver module cannot service the current product.

System action

OMEGAMON initialization stops.

User response

Use a base driver which is at the same or greater level than the product you are trying to initialize. Retry using this new driver.

OB0989 **KOBCICSUSERcc MUST BE
REASSEMBLED; IT IS NOT
COMPATIBLE WITH THIS RELEASE
OF OMEGAMON**

Explanation

The user assembled an old KOBCICSUSER module that is incompatible with the current release of OMEGAMON.

System action

OMEGAMON initialization stops.

User response

Obtain the current KOBICISUSER from the product tape and reassemble.

OB0990 **SECURITY LOGGING, userid, ccccccc, ACCESS(aaaaaaaaa)**

Explanation

The security settings of the command table produce this security logging message. The variable *ccccccc* is the command being validated and *aaaaaaaa* is the result. The *userid* is displayed if AUDIT=WTO is specified.

System action

OMEGAMON terminates execution of any command to which it denies access.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB0991 **DYNAMIC ALLOCATION ERROR: ERROR=cccc, INFO=cccc**

Explanation

A dynamic allocation request failed with the ERROR and INFO codes indicated.

System action

The allocation process terminates.

User response

Examine the error and information codes in the message and take appropriate action.

OB0992 **aaUSERbb VALIDATION FAILED. RC=n**

Explanation

The user profile *aaUSERbb* did not pass product validation.

System action

Session initialization terminates.

User response

If other messages were issued previously, take the action suggested for those messages. If no other messages were issued, contact IBM Software Support.

OB0993 **NO ARGUMENT HAS BEEN SUPPLIED**

Explanation

A valid argument was not supplied for the command.

System action

The command terminates.

User response

Supply a valid argument and reissue the command.

OB0994 **NO VALID PATTERN HAS BEEN SUPPLIED**

Explanation

A valid pattern was not supplied for the command.

System action

The command terminates.

User response

Supply a valid pattern and reissue the command.

OB0995 **UNABLE TO LOG AUDIT RECORD TO SMF, RC=cc**

Explanation

A non-zero return code was received from SVC 83 while attempting to track an audited command. These codes are documented in the *IBM System Programming Library: System Management Facilities (SMF)* manual for your system.

System action

A WTO is issued to the console with audit information.

User response

Consult the appropriate IBM documentation for an explanation and interpretation of the non-zero return code. This return code may indicate a serious problem with SMF.

OB0996 **APF AUTHORIZATION REQUIRED FOR SMF LOGGING**

Explanation

OMEGAMON cannot write SMF records unless it is APF-authorized. This message will appear only once; thereafter, all audit activity will be directed to the console for the duration of the session.

System action

A WTO is issued to the console with audit information.

User response

Determine whether OMEGAMON should be authorized. This is an installation decision.

OB0997 **RECORD NUMBER MUST BE
BETWEEN 128 AND 255
(INCLUSIVE) FOR SMF LOGGING**

Explanation

OMEGAMON detected a request to write an SMF record with an invalid record ID. User SMF records must use a record ID between 128 and 255, inclusive. This message will appear only once; thereafter, all audit activity will be directed to the console for the duration of the session.

System action

A WTO is issued to the console with audit information.

User response

Use the Security Update Program to specify a valid SMF record ID.

OB0998 **EXTERNAL SECURITY IS
UNAVAILABLE**

Explanation

OMEGAMON could not locate the user security routine to process a command for which external security was requested. Internal security was not invoked because the command did not have a security level associated with it.

System action

OMEGAMON suppresses command execution.

User response

Determine why the user security routine is missing. Make sure it is in a link-list library or in the OMEGAMON STEPLIB.

OB1112 **DATA COLLECTOR IS NOT ACTIVE**

Explanation

The requested collector is not currently active.

System action

The IPRO command processor suppresses the display.

User response

Start the collector and retry the command.

OB1116 **REQUEST NOT SUPPORTED**

Explanation

The request is not supported by the target collector.

System action

The IPRO command processor suppresses the display.

User response

Correct the parameters and retry the request.

OB1120 **REQUESTED DATA NOT VALID**

Explanation

The IPRO collector's data is currently statistically invalid. Sufficient data has not yet accumulated for a meaningful display.

System action

The IPRO command processor suppresses the display until enough samples have accumulated.

User response

Wait for sufficient time to gather data. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB1124 **REQUESTED DATA NOT AVAILABLE**

Explanation

The requested data is not being collected at this time.

System action

The IPRO command processor suppresses the display.

User response

Stop and restart the collector requesting the required data, or correct the collector start-up parameters and retry the request.

OB1140 **REQUEST INCONSISTENT OR UNDEFINED**

Explanation

The IPRO display parameters are not valid, so the processor suppresses the display.

System action

The extractor was unable to process the parameters successfully.

User response

Correct the parameters and retry.

OB1148 **SUCCESSFUL ABEND RECOVERY IN EXTRACTOR**

Explanation

An error occurred in the IPRO data display extractor. No presentation is made during this cycle.

System action

The IPRO command processor suppresses the display.

User response

Contact IBM Software Support.

OB1191 **UNABLE TO LOAD IANL PROCESSOR MODULE**

Explanation

OMEGAMON could not find the Impact Analysis processor module to load.

System action

The IPRO command processor suppresses the display.

User response

If this module should be available, contact IBM Software Support.

OB1195 **MISSING EXTRACTOR NAME**

Explanation

No extractor identification was given to the IPRO command processor. Either this is the first time the command was used, or it was cleared by the first extractor and there are no new operands.

System action

The IPRO command processor suppresses the display.

User response

Supply a proper extractor ID.

OB1196 **DATA EXTRACTOR ADDRESS = 0 - xxxx**

Explanation

The IPRO display processor for xxxx could not be located in this set of OMEGAMON modules.

System action

The IPRO command processor suppresses the display.

User response

Contact IBM Software Support.

OB1197 **UNKNOWN RETURN CODE FROM EXTRACT - cc**

Explanation

The IPRO display processor returned the code cc which is unknown to the IPRO command.

System action

The IPRO command processor suppresses the display.

User response

Contact IBM Software Support.

OB1198 **INVALID PARAMETER - cccc**

Explanation

The first 4 characters (cccc) of the operand are invalid.

System action

The IPRO command processor suppresses the display.

User response

Specify a valid IPRO collector and retry.

OB1199 **IPRO COMMAND NOT SUPPORTED****Explanation**

The IPRO command is not supported at this product level. IPRO requires DEXAN.

System action

The IPRO command processor suppresses the display.

User response

Contact IBM Software Support.

OB1200 **SEVERE ISPF ERROR DETECTED****Explanation**

ISPF has returned a severe error condition code to the OMEGAMON ISPF driver.

System action

The ISPF session terminates.

User response

Look for other messages and take appropriate action.

OB1201 **TSO SERVICE ERROR RETURN CODE *nnn*****Explanation**

The TSO service task has returned the error code indicated.

System action

The ISPF session terminates.

User response

Examine the error code and take appropriate action. Refer to the IBM manual, *TSO Extensions User's Guide*.

OB1202 **ATTACH FAILED FOR MONITOR TASK****Explanation**

ISPF issued a non-zero return code in response to / ATTACH.

System action

The ISPF session terminates.

User response

Examine the return code and take appropriate action.

OB1203 **MONITOR TASK COMPLETE, RETURN CODE = *cc*****Explanation**

The monitor task (OMEGAMON) terminated with the indicated return code.

System action

The task terminates.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB1204 **MONITOR TASK ABENDED, COMPLETION CODE = *cc*****Explanation**

The monitor task (OMEGAMON) terminated with the indicated abend code.

System action

The task terminates.

User response

Contact IBM Software Support.

OB1210 **PARM STRING LENGTH ERROR****Explanation**

The PARM string entered was too long, causing internal buffer overflow.

System action

The task terminates.

User response

Shorten the PARM string and retry the command.

OB1211 **UNABLE TO LOAD ISPLINK MODULE**

Explanation

The ISPF driver module was unable to load ISPLINK, the ISPF interface.

System action

The task terminates.

User response

Make sure a copy is available to the ISPF driver.

OB1212 PANEL OMSPF01 NOT FOUND

Explanation

The SPF driver module could not find the OMSPF01 panel.

System action

The task terminates.

User response

Be sure the panel is in the correct ISPF library and retry.

OB1213 VARIABLE OMSPFD NOT IN PANEL OMSPF01

Explanation

The OMSPFD variable was not in the panel.

System action

The task terminates.

User response

Make sure that the correct panel is installed and that user changes have not caused this field to be omitted.

OB1214 INSUFFICIENT SPACE FOR PQUERY FUNCTION

Explanation

ISPF indicated a short-on-storage condition.

System action

The task terminates.

User response

Increase the TSO address space region and retry.

OB1215 DATA TRUNCATION HAS OCCURRED

Explanation

Internal data truncation occurred within a panel variable.

System action

The task terminates.

User response

Make sure that the variable lengths shown in the panel have not been changed.

OB1216 VARIABLE NOT FOUND

Explanation

A variable that the ISPF driver requires could not be found in the ISPF subpools.

System action

The task terminates.

User response

This is an internal error. Contact IBM Software Support.

OB1217 INVALID SCREEN SIZE

Explanation

The screen parameters are invalid for ISPF mode. COLS and ROWS must match the TSO specification for the device.

System action

The task terminates.

User response

Correct the screen specification parameters (COLS and ROWS) and restart.

OB1220 UNKNOWN RETURN CODE FROM ISPLINK

Explanation

ISPLINK returned a code 20 or above to the calling task.

System action

The task terminates.

User response

Contact IBM Software Support.

OB1250 **cccccccc STORAGE REQUEST
FAILED**

Explanation

The request for storage for module ccccccc failed.

System action

The TSO or ISPF mode task terminates.

User response

Increase the region size for the TSO address space.

OB1251 **ATTACH FAILED FOR ccccccc,
RETURN CODE = xx**

Explanation

A non-zero return code from ATTACH of module ccccccc was received.

System action

The TSO or ISPF mode task terminates.

User response

Examine the error code and call your systems support. If the problem persists, contact IBM Software Support.

OB1252 **MODULE ABENDED, COMPLETION
CODE = xxx**

Explanation

The module abended with the indicated return code.

System action

The application using the module is terminated.

User response

Examine the abend code and call your systems support. If the problem persists, contact IBM Software Support.

OB1253 **SET STFSMODE ON FAILED AT
INITIALIZATION**

Explanation

OMEGAMON could not set full-screen mode on as requested for TSO mode.

System action

The task terminates.

User response

Contact IBM Software Support.

OB1254 **SET STTMPMD OFF FAILED AT
INITIALIZATION**

Explanation

OMEGAMON could not set display manager off as requested for TSO mode.

System action

The task terminates.

User response

Contact IBM Software Support.

OB1255 **SET STFSMODE OFF FAILED AT
TERMINATION**

Explanation

OMEGAMON could not set full-screen mode off as requested for TSO mode.

System action

The task terminates.

User response

Contact IBM Software Support.

OB1256 **SET STTMPMD ON FAILED AT
TERMINATION**

Explanation

OMEGAMON could not set display manager on as requested for TSO mode.

System action

The task terminates.

User response

Contact IBM Software Support.

OB1257 **{TSO|ISPF} MODE TASK
TERMINATED**

Explanation

The task completed its processing with a normal termination.

System action

The TSO or ISPF mode task terminates.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB1258 **ccccccc FREE STORAGE REQUEST
FAILED**

Explanation

The free storage request has failed in module ccccccc.

System action

The task terminates.

User response

Examine the error code in the SYSLOG. If the problem persists, contact IBM Software Support.

OB1259 **LOAD ccccccc FAILED**

Explanation

The load request for module ccccccc has failed.

System action

The task terminates.

User response

Examine the error code in the SYSLOG. Ensure that load module ccccccc is in the proper load library. If the problem persists, contact IBM Software Support.

OB1260 **DELETE ccccccc FAILED**

Explanation

The delete request for module ccccccc has failed.

System action

The task terminates.

User response

Contact IBM Software Support.

OB1261 **GTTERM FAILED**

Explanation

The request to get terminal attributes has failed.

System action

The task terminates.

User response

Contact IBM Software Support.

OB1401 **MISSING USER ID**

Explanation

The user ID field in the logon panel is missing.

System action

OMEGAMON redisplay the logon panel.

User response

Enter the required user ID.

OB1402 **MISSING PASSWORD**

Explanation

The password field in the logon panel is missing.

System action

OMEGAMON redisplay the logon panel.

User response

Enter your password.

OB1404 **RE-ENTER NEW PASSWORD FOR
VERIFICATION**

Explanation

The system asks the user to re-enter the new password.

System action

The system waits for the user to re-enter the new password to verify that the new password is correct.

User response

Enter the new password in the new password field.

OB1405 **VERIFICATION OF NEW
PASSWORD FAILED**

Explanation

When the password was entered a second time for verification, it did not match the new password.

System action

The system waits for the user to attempt another logon.

User response

Enter the correct password.

OB1501 **INVALID ARGUMENT: cc**

Explanation

The argument field contains invalid data for the command that appears above this message on the screen.

System action

OMEGAMON does not process the command.

User response

Enter appropriate data in the command argument field.

OB1502 **INSUFFICIENT MEMORY FOR
SCRN COMMAND**

Explanation

OMEGAMON does not have sufficient memory to build the screen member name lists from the various sources (main storage, KOBICSPROC, and RKOMPCSV) that the SCRN command displays.

System action

OMEGAMON does not process the command.

User response

Provide additional storage resources for the executing OMEGAMON.

OB1503 **DATA SET EMPTY**

Explanation

There were no members in the indicated KOBICSPROC data set for the SCRN command to display.

System action

The SCRN command displays member names in the other KOBICSPROC data sets.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB1504 **NO MEMBERS FOUND WITHIN
RANGE (cccccccc THRU cccccccc)**

Explanation

OMEGAMON found no screen names within the from/through range specified by the SCRN command.

System action

None.

User response

Enter a different from/through selection range.

OB1505 **TOO MANY MEMBERS SPECIFIED**

Explanation

There are too many screen space members for the LSCR command to load into main storage. The maximum number is 62.

System action

OMEGAMON does not load the screen spaces into main storage.

User response

Reduce the number of members to load.

OB1506 **INVALID MEMBER NAME cccccccc**

Explanation

The LSCR command detected a screen member name that is too long or that contains invalid characters.

System action

OMEGAMON does not load the screen into main storage.

User response

Correct the screen member name on the LSCR command.

OB1507	LOAD FAILED - MEMBER ccccccc NOT FOUND
---------------	---

Explanation

The user specified screen space ccccccc with an LSCR command; OMEGAMON did not find it in the KOBICSPROC library.

System action

OMEGAMON ignores specification of screen space ccccccc and loads any other specified screen spaces.

User response

Make sure that the specified screen space exists in KOBICSPROC or RKOMPCSV library. Check KOBICSPROC concatenation.

OB1508	nnn MEMBERS LOADED
---------------	---------------------------

Explanation

The LSCR command successfully loaded *nnn* screen spaces to main storage.

System action

The command executes.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB1509	ENTER MEMBER NAMES TO LOAD
---------------	-----------------------------------

Explanation

The LSCR command attempted to load screen spaces to main storage, but there were no member names specified.

System action

The command terminates.

User response

Enter member names following the LSCR command.

OB1521	MEMBER ccccccc DELETED BOTH IN-STORAGE AND FROM RKOMPCSV
---------------	---

Explanation

The user specified screen space ccccccc with a DELTB command, and OMEGAMON successfully deleted it from main storage (in-storage) and RKOMPCSV.

System action

The command executes.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB1522	MEMBER NAME - ccccccc NOT FOUND IN-STORAGE
---------------	---

Explanation

The user specified screen space ccccccc with a DELTI or DELTB command; OMEGAMON did not find it in main storage (in-storage).

System action

None.

User response

Verify that the screen space name is correct.

OB1523	MEMBER ccccccc DELETED IN-STORAGE
---------------	--

Explanation

OMEGAMON successfully deleted screen space ccccccc from main storage (in-storage) as a result of DELTB or DELTI command.

System action

The command executes.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB1524 **MEMBER ccccccc DELETED FROM
RKOMPCSV**

Explanation

OMEGAMON successfully deleted screen space ccccccc from RKOMPCSV as a result of DELTB or DELTD command.

System action

The command executes.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB1525 **DELETE FAILED - ccccccc NOT
FOUND IN RKOMPCSV**

Explanation

The user specified screen space ccccccc with a DELTB or DELTD command, and OMEGAMON did not find it in RKOMPCSV.

System action

None.

User response

Verify that the screen space name is correct.

OB1531 **MEMBER oldname RENAMED TO
newname BOTH IN-STORAGE AND
IN RKOMPCSV**

Explanation

The user specified screen space oldname with a RENMB command, and OMEGAMON successfully renamed it to newname in main storage (in-storage) and in RKOMPCSV.

System action

The command executes.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB1532 **MEMBER NAME - ccccccc NOT
FOUND IN-STORAGE**

Explanation

The user specified screen space ccccccc with a RENMI or RENMB command; OMEGAMON did not find it in main storage (in-storage).

System action

None.

User response

Verify that the screen space name is correct.

OB1533 **MEMBER oldname RENAMED TO
newname IN-STORAGE**

Explanation

OMEGAMON successfully renamed screen space oldname to newname in main storage (in-storage) as a result of RENMI or RENMB command.

System action

The command executes.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB1534 **MEMBER oldname RENAMED TO
newname IN RKOMPCSV**

Explanation

OMEGAMON successfully renamed screen space oldname to newname in RKOMPCSV as a result of a RENMD or RENMB command.

System action

The command executes.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB1535 **RENAME FAILED - ccccccc NOT FOUND IN RKOMPCSV**

Explanation

The user specified screen space *ccccccc* on a RENMD or RENMB command, and OMEGAMON did not find it in main storage (in-storage).

System action

None.

User response

Verify that the screen space name is correct.

OB1537 **RENAME FAILED - ccccccc DIRECTORY FULL**

Explanation

The PDS directory for file *ccccccc* is full and cannot contain additional screen space names.

System action

OMEGAMON does not rename the screen space in RKOMPCSV.

User response

Compress the PDS library or provide additional directory space.

OB1538 **RENAME FAILED - ccccccc ALREADY EXISTS IN-STORAGE**

Explanation

The user issued a RENMI or RENMB command with a screen space name *ccccccc* that already exists in main storage (in-storage) and cannot be renamed.

System action

OMEGAMON does not change the original screen space name.

User response

Correct the new screen space name and retry the command.

OB1539 **RENAME FAILED - ccccccc ALREADY EXISTS IN RKOMPCSV**

Explanation

The user issued a RENMD or RENMB command with a screen space name *ccccccc* that already exists in RKOMPCSV and cannot be renamed.

System action

OMEGAMON does not change the original screen space name.

User response

Correct the new screen space name and retry the command.

OB2001 **DATA-ONLY SPACE ccccccc DOES NOT EXIST**

Explanation

The data-only space *ccccccc* specified in the command cannot be found. *ccccccc* is the name of the data-only space or the first 1–7 characters of the data-only space name. If *ccccccc* is displayed in the message as less than 8 characters, it means that there were no data-only spaces found beginning with the characters *ccccccc*.

System action

The command is terminated.

User response

Correct the data-only space name and reissue the command. The PEEK command may be used to find the names of data-only spaces owned by a job.

OB2002 **DATA-ONLY SPACE ccccccc IS NOT OWNED BY JOB aaaaaaaaa**

Explanation

Job *aaaaaaaaa* is not the owner of data-only space *ccccccc*. *aaaaaaaaa* is the jobname given in the command or the name of the job identified by the ASID.

System action

The command terminates.

User response

Correct the data-only space name, the jobname, or ASID and reissue the command. The PEEK command may be used to find the names of data-only spaces owned by a job's TCBs. The OSPC command may be used to find the jobname and ASID of the owning TCB of a data-only space.

OB2003 *aaaaaaaa ccccccc HAS BEEN DELETED*

Explanation

The TCB owning data-only space *aaaaaaaa* of type *ccccccc* has deleted the space or has itself been terminated. The space no longer exists.

System action

The command is terminated.

User response

None.

OB2005 **DATA-ONLY SPACE PROCESSING UNAVAILABLE - RC=*nnnn***

Explanation

Due to an internal OMEGAMON error, OMEGAMON is unable to perform data-only space processing.

System action

The command terminates.

User response

Contact IBM Software Support with the return code.

OB2006 **DATA-ONLY SPACE NAME MUST BE 8 CHARACTERS OR LESS**

Explanation

A data-only space name of greater than 8 characters was entered as input.

System action

The command terminates.

User response

Correct the name of the data-only space. The OSPC command may be issued to obtain the name of all data-only spaces in the system.

OB2007 **DATA-ONLY SPACE NAME IS A REQUIRED PARAMETER**

Explanation

A data-only space command (e.g., SLST, SZAP) was issued without the name of a data-only space as input.

System action

The command terminates.

User response

Correct the command input by supplying a data-only space name as the second parameter. The OSPC command may be issued to obtain the name of all data-only spaces in the system.

OB2008 **ALESERV ADD NON-ZERO RETURN CODE, RC = *nn***

Explanation

An attempt to obtain addressability to a data space failed with return code *nn*.

System action

The command terminates.

User response

Ensure that the data space input to the affected command has not been deleted. If the data space still exists, contact IBM Software Support.

OB2009 **HPSERV return code, RC = *xx***

Explanation

An attempt to access a Hiperspace™ failed with return code *xx*.

System action

The command terminates.

User response

Contact IBM Software Support.

OB2010 **ACCESS TO *aaaaaaaaaa ccccccc* IS NOT AUTHORIZED**

Explanation

An attempt was made to access a non-shareable data-only space *aaaaaaaa* of type *ccccccc* without authorization.

System action

The command terminates.

User response

Authorization may be obtained to non-shareable data-only spaces by issuing the command *.DSAON*.

OB2011 **ACCESS TO DATA SPACE *aaaaaaaa*
DENIED, SCOPE UNKNOWN**

Explanation

An attempt was made to access data space *aaaaaaaa*, but OMEGAMON was not able to determine the SCOPE of the data space.

System action

The command terminates.

User response

Contact IBM Software Support.

OB2100 **RMF SUBROUTINE LOAD MODULE
OBRMFS*nn* NOT AVAILABLE**

Explanation

OMEGAMON attempted to access module *OBRMFSnn* but failed.

System action

The command terminates.

User response

Check to make sure that the *OBRMFSnn* modules were copied from the OMEGAMON distribution tape. If the modules are in the OMEGAMON load library, contact IBM Software Support.

OB2101 **RMF LEVEL *nnnnn* IS NOT IN
TABLE**

Explanation

An attempt was made to set the RMF level to a level that OMEGAMON did not recognize.

System action

The command terminates.

User response

Check to make sure that the correct RMF level is entered on the input screen. If it is entered correctly but OMEGAMON does not recognize it, contact IBM Software Support. You may need to receive support for a new level of RMF.

OB2102 **INPUT MUST BE EITHER *nnn* OR
*n.n.n***

Explanation

The operand on the RMFS command must have the format *nnn* or *n.n.n*.

System action

The command terminates.

User response

Correct the input to the RMFS command and press ENTER.

OB2103 **RMF LEVEL HAS BEEN
DYNAMICALLY DETERMINED -
COMMAND INVALID**

Explanation

OMEGAMON determined the level of RMF dynamically. RMFS cannot be used to override the RMF level in this situation.

System action

The command terminates.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB2104 **RMF LEVEL UNCHANGED -
UNABLE TO LOAD MODULE
*nnnnnnnn***

Explanation

An attempt was made to change to a new level of RMF, however, the required load module was not available.

System action

The command terminates. The RMF level stays unchanged.

User response

Make sure that the load module is copied from the installation tape. If the module is not on the tape, contact IBM Software Support.

OB2200 **SUBSYSTEM *aaaa* REQUEST
RETURNED RC=*bbbb* AND
ERRCODE *cccccccc***

Explanation

A call to the Candle Subsystem has resulted in a non-zero return code.

aaaa

Identifies the type of request: INIT or REQ.

bbbb

Identifies the return code.

4

Internal error

A common cause of this return code is a version or maintenance level mismatch between the running Candle subsystem and the product issuing the message. If you have multiple SMP/E environments make sure that all have the same Candle subsystem FMID and maintenance installed.

8

Subsystem not active

20

Subsystem module not found

cccccccc

Identifies the error code.

System action

The interface to the Candle Subsystem returns the address of the static device table that might be obsolete. You may also need a later version of the Candle Subsystem.

User response

Contact IBM Software Support.

OB4101 **MEMORY FOR USER PROFILE
TABLES NOT AVAILABLE**

Explanation

There is not enough memory available for the user profile tables.

System action

The command terminates.

User response

Increase the region size and retry.

OB4222 **UNABLE TO LOCATE REQUIRED
LEVEL-DEPENDENT BASE MODULE
KOBAS*nnn***

Explanation

OMEGAMON attempted to locate the corresponding base module required for the current operating system level. The required module could not be found.

System action

OMEGAMON terminates.

User response

Make sure that OMEGAMON is executed at the operating system level for which your installation is licensed. Contact IBM Corporation for licensing and sales information.

OB4223 **CURRENT OPERATING SYSTEM
LEVEL NOT SUPPORTED**

Explanation

OMEGAMON has determined that the current operating system level is not supported. Only MVS/SP™ 1, 2, and 3 are supported; earlier versions are not supported. (SP™ 1 support is further limited to SP 1.3 and above.)

System action

OMEGAMON terminates.

User response

Run OMEGAMON only on those systems with supported operating system levels.

OB7001 **OVUSER*cc* DATA FILE NOT FOUND**

Explanation

The OVUSER*cc* DATA file specified by USER *xx* in the startup parms or the .USR command was not found.

System action

OMEGAMON uses all default values for execution parameters. The default OVUSER DATA file is 99.

User response

Continue with OMEGAMON initialization or restart OMEGAMON specifying the correct USER startup parameter value, or reissue the .USR command specifying the correct parameter.

**OB7002 INVALID SWITCH SETTING - MUST
 BE ON OR OFF**

Explanation

The indicated parameter must be specified as either ON or OFF.

System action

OMEGAMON uses the default value.

User response

Correct the parameter value to specify ON or OFF at next execution.

OB7003 INVALID PARAMETER

Explanation

The indicated word is not a valid OMEGAMON startup parameter.

System action

OMEGAMON ignores the entire parameter group (including any possible subordinate keywords).

User response

Check for spelling problems. Check to make sure that a previous parameter was not continued incorrectly.

OB7004 INVALID SYNTAX

Explanation

The format of the indicated input stream is invalid.

System action

OMEGAMON ignores either all or part of the current parameter group.

User response

Correct the formatting error. Ensure that all required delimiters (commas, parentheses, and so on) are entered correctly.

**OB7005 INVALID CHARACTER - ACCEPTED
 AS DELIMITER**

Explanation

An invalid character was found in the input stream.

System action

The character is assumed to be a delimiter.

User response

Enter a valid character if a delimiter was not intended.

OB7006 INVALID KEYWORD

Explanation

The indicated word is not a valid keyword for the current parameter group being processed.

System action

OMEGAMON ignores the keyword.

User response

Check for possible spelling or continuation errors.

OB7007 INVALID KEYWORD VALUE

Explanation

The value specified for the indicated parameter keyword is invalid.

System action

OMEGAMON ignores the keyword.

User response

Specify the keyword value as required.

OB7008 INVALID HEX DATA

Explanation

EBCDIC characters were specified for a keyword requiring hexadecimal data.

System action

OMEGAMON ignores the keyword.

User response

Correct the keyword value.

OB7009 INVALID NUMERIC DATA

Explanation

EBCDIC characters were specified for a keyword requiring numeric data.

System action

OMEGAMON ignores the keyword.

User response

Correct the keyword value.

OB7010	KEYWORD VALUE OR LENGTH BELOW ALLOWED MIN
---------------	--

Explanation

The value specified for the indicated keyword is either too short (character) or too small (integer or hex).

System action

OMEGAMON ignores the keyword.

User response

Check the minimum that can be specified for the keyword and correct the keyword value.

OB7011	KEYWORD VALUE OR LENGTH ABOVE ALLOWED MAX
---------------	--

Explanation

The value specified for the indicated keyword is either too long (character) or too large (integer or hex).

System action

OMEGAMON ignores the keyword.

User response

Check the maximum that can be specified for the keyword and correct the keyword value.

OB7012	DUPLICATE PARAMETER
---------------	----------------------------

Explanation

A duplicate keyword has been found in the input stream.

System action

OMEGAMON ignores the duplicate parameter.

User response

Remove or correct the duplicate keyword.

OB7013	MISSVM LIMIT EXCEEDED
---------------	------------------------------

Explanation

The internal buffers required to hold the data specified by the OVUSER MISSVM parameter have overflowed.

System action

The MISSVM keyword specifications that will fit in storage will be accepted with the remainder ignored.

User response

Increase the virtual storage size of the OMEGAMON for VM virtual machine or specify few MISSVM keyword values.

OB7014	MISSDA LIMIT EXCEEDED
---------------	------------------------------

Explanation

The internal buffers required to hold the data specified by the OVUSER MISSDA parameter have overflowed.

System action

The MISSDA keyword specifications that will fit in storage will be accepted with the remainder ignored.

User response

Increase the virtual storage size of the OMEGAMON for VM virtual machine or specify few MISSDA keyword values.

OB7017	USERID OR ACCOUNT NOT SPECIFIED
---------------	--

Explanation

For the PGNAMEs parameter a USERID= or ACCOUNT= keyword was expected and not found.

System action

OMEGAMON ignores the entire PGNAMEs parameter group.

User response

Check for a spelling error to ensure that either a USERID= or an ACCOUNT= keyword is specified.

OB7018	UNEXPECTED END-OF-FILE RECEIVED
---------------	--

Explanation

While processing a continuation, the end of the OVUSERcc DATA file was reached.

System action

OVUSERcc parameter processing terminates.

User response

Check to see if the OVUSER DATA file is complete. If not, enter the missing parameter keyword(s).

OB7019 **NAME= KEYWORD MISSING**

Explanation

The NAME keyword was not specified on the PGNAME statement.

System action

OMEGAMON ignores the entry.

User response

The PGNAME statement requires a name for each group being defined. Specify a name.

OB7020 **UNBALANCED OR INVALID USE OF PARENTHESES**

Explanation

Either an unexpected parenthesis was detected or an expected parenthesis was not detected.

System action

OMEGAMON ignores either the current keyword or the remaining parameter keywords.

User response

Add or remove parentheses as required.

OB7021 **MAXIMUM 64 PERFORMANCE GROUP NAMES ALLOWED**

Explanation

For the PGNAME parameter group more than 64 performance groups were specified.

System action

OMEGAMON ignores the remaining performance groups.

User response

Remove less important performance groups so that the maximum will not be exceeded.

OB7022 **INVALID cccccc THRESHOLD GROUP KEYWORD**

Explanation

A keyword for the DEFVMTG, DASDTG, or RSCSTG parameter was entered that is not a valid exception override name.

System action

OMEGAMON ignores the keyword.

User response

Check for a possible spelling error. For DEFVMTG, ensure that the exception name entered is a valid VM exception and not a SYSTEM exception. For DASDTG, ensure that the exception name entered is one of the DASD exceptions. For RSCSTG, ensure that the exception name entered is RSCA or RSCQ.

OB7023 **ON/OFF EXPECTED, ON ASSUMED**

Explanation

The indicated parameter must be specified as either ON or OFF.

System action

The keyword value defaults to ON.

User response

Correct the parameter value to specify ON or OFF.

OB7024 **EXPECTED PARENTHESIS NOT FOUND**

Explanation

A parenthesis was expected at or near the column indicated by an asterisk.

System action

OMEGAMON ignores the current keyword.

User response

Check the format for the keyword and make the appropriate corrections.

OB7025 **EXPECTED ON OR AUTO, AUTO ASSUMED**

Explanation

The indicated parameter must be specified as either ON or AUTO.

System action

Missing VM analysis for this VM user ID defaults to AUTO.

User response

Correct the parameter value to specify ON or AUTO.

OB7026 **THRESHOLD EXCEEDS THE MAXIMUM ALLOWED, MAXIMUM WILL BE USED**

Explanation

The value specified for the THRESH= keyword is larger than the value allowed for an exception name.

System action

OMEGAMON uses the maximum value allowed.

User response

Check the maximum value for this exception name and correct the keyword value.

OB7027 **THRESHOLD LESS THAN MINIMUM ALLOWED, MINIMUM WILL BE USED**

Explanation

The value specified for the THRESH= keyword is less than the value allowed for an exception name.

System action

OMEGAMON uses the minimum value allowed.

User response

Check the minimum value for this exception name and correct the keyword value.

OB7028 **EXPECTED TIME=, SS=, OR SL= KEYWORD NOT RECEIVED**

Explanation

An invalid keyword was received for the TSF parameter group. The only valid keywords are TIME=, and either SS= or SL=.

System action

OMEGAMON ignores the remaining TSF keywords.

User response

Check for possible spelling problems.

OB7029 **BOX= KEYWORD INVALID FOR VM EXCEPTIONS. ENTER OK TO CONTINUE OR C TO CANCEL.**

Explanation

The BOX= keyword was specified and is not valid for a VM exception.

System action

OMEGAMON ignores the BOX= keyword.

User response

Reply OK or C, then remove the BOX= keyword from this exception.

OB7030 **CHNM CPUID INVALID**

Explanation

The value specified for the CPUID= keyword is invalid (must be between 0 and 15) for the CHNM parameter group.

System action

OMEGAMON skips the CPUID= keyword and subsequent CHANNELS= keywords.

User response

Specify the correct CPU identification.

OB7031 **CHNM CHANNEL NUMBER INVALID**

Explanation

One of the values specified for the CHANNELS= keywords is invalid for the CHNM parameter group (must be between 0 and 31).

System action

OMEGAMON ignores the channel ID value.

User response

Specify the correct channel ID.

OB7032 **CPUID= KEYWORD MISSING**

Explanation

The CPUID= keyword for the CHNM parameter group was expected and not received.

System action

OMEGAMON ignores the subsequent CHANNELS= parameter.

User response

Check for spelling errors or enter a CPUID= keyword preceding the CHANNELS= keyword.

OB7033 **CHANNELS= KEYWORD MISSING**

Explanation

The CHANNELS= keyword for the CHNM parameter group was expected and not received.

System action

OMEGAMON ignores the current CPUID= value.

User response

Check for spelling errors or enter a CHANNELS= keyword following the CPUID= keyword.

OB7036 **DUPLICATE KEYWORD FOUND**

Explanation

OMEGAMON encountered a duplicate keyword in OVUSER.

System action

OMEGAMON displays the message and asks if you wish to continue.

User response

Reply OK to continue processing and ignore the error or type C to cancel and correct the OVUSER file.

OB7037 **INCLUDE OR EXCLUDE NOT SPECIFIED**

Explanation

OMEGAMON requires either an INCLUDE or EXCLUDE list to be specified with the FORCE parameter in OVUSER.

System action

OMEGAMON displays the message and asks if you wish to continue.

User response

Reply OK to continue processing and ignore the error or type C to cancel and correct the OVUSER file.

OB7038 **FORCE PARAMETER VALID ONLY FOR VM EXCEPTIONS**

Explanation

OMEGAMON encountered the FORCE parameter on an exception that is not VM user-related. Force processing is not valid for other than user-related exceptions.

System action

OMEGAMON displays the message and asks if you wish to continue.

User response

Reply OK to continue processing and ignore the error or type C to cancel and correct the OVUSER file.

OB7039 **SCREEN SPACE NOT FOUND**

Explanation

The indicated screen space name (with filetype PROCFILE) was not found on any accessed CMS disk.

System action

The screen space name is accepted. The error message displays as a warning.

User response

Correct the screen space name or create a new screen space with this name.

OB7040 **TABLE WORK AREA OVERFLOW**

Explanation

An internal storage buffer overflowed processing the indicated parameter or keyword.

System action

Processing terminates for the current parameter.

User response

Increase your virtual storage size or decrease the number of operands of this parameter.

OB7041 **INTERNAL ERROR OBTAINING
WORK BUFFERS**

Explanation

An internal error occurred attempting to acquire storage.

System action

OVUSERcc processing terminates.

User response

Call IBM Software Support Services.

OB7042 **KEYWORD DOES NOT APPLY TO
THIS EXCEPTION**

Explanation

The indicated keyword does not pertain to the current exception name being processed.

System action

OMEGAMON ignores the keyword.

User response

Remove the keyword from this exception parameter.

OB7101 **ERROR, COMMAND ARGUMENT
UNKNOWN**

Explanation

An invalid operand was given to the command.

System action

The command terminates.

User response

For the proper operands, see the extended help (*;commandname*) for the command. Correct the operand and retry.

OB7102 **USER TABLE HAS BEEN DELETED**

Explanation

OMEGAMON deleted the user table.

System action

Processing continues.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB7103 **NAME NOT IN TABLE**

Explanation

The requested name cannot be found in the tables.

System action

The command terminates.

User response

Correct the name and retry the command.

OB7104 **cccccccc HAS BEEN DELETED**

Explanation

The indicated memory location symbol was deleted from the symbolic address table.

System action

Processing continues.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB7105 **cccccccc HAS BEEN ADDED TO THE
TABLE**

Explanation

The indicated memory location symbol was added to the symbolic address table.

System action

Processing continues.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB7106 **TABLE DOES NOT EXIST**

Explanation

No entries have been defined in the table.

System action

The command terminates.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB7107 **WORKAREA OVERFLOW**

Explanation

The internal work area for string manipulation has overflowed.

System action

The command terminates.

User response

Use shorter strings to define the storage locations.

OB7108 **PLPA MZAP CANNOT CROSS PAGE BOUNDARY**

Explanation

The zap would cross a page boundary and this is not allowed.

System action

Command terminates.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB7109 **PLPA PAGES FIXED**

Explanation

OMEGAMON fixed PLPA pages as requested.

System action

Processing continues.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB7110 **MEMORY ZAP SUCCESSFUL**

Explanation

OMEGAMON successfully executed the MZAP command.

System action

Processing continues.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB7111 **VERIFY REJECT - MEMORY NOT ZAPPED**

Explanation

The verify data in the command does not match the data in storage.

System action

The command terminates.

User response

Correct the data and retry.

OB7112 **SCAN DATA NOT FOUND**

Explanation

The requested data could not be found within the scan limits.

System action

The command terminates.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

**OB7113 DYNAMIC ADDRESS NOT
RESOLVED**

Explanation

A symbol in a dynamic address string could not be resolved.

System action

The command terminates.

User response

Correct the symbol and retry the command.

OB7114 MODULE NOT AVAILABLE

Explanation

An OMEGAMON module address was found to be 0, indicating that it is not available for this command.

System action

The command terminates.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

**OB7115 OMEGAMON NAME INVALID IN
CROSS MEMORY**

Explanation

The cross memory commands are not allowed against this address space.

System action

The command terminates.

User response

Use the appropriate local commands.

OB7117 INDIRECT ADDRESS IS 0

Explanation

The address pointer value was 0 when an indirect request (? or %) was encountered while interpreting the address string.

System action

The command terminates.

User response

None. This is not necessarily an error.

OB7118 JOB NOT FOUND

Explanation

The requested address space or jobname cannot be found.

System action

The command terminates.

User response

Correct the name and retry.

**OB7119 REGION DOES NOT BELONG
TO CL/SUPPERSESSION and
CL\GATEWAY**

Explanation

A cross-memory zap was attempted on an unauthorized region.

System action

The command terminates.

User response

Make sure that the zap is being applied to the correct region.

**OB7120 USE cccc FOR OMEGAMON
PRIVATE AREA**

Explanation

A cross memory command was used where a local command is appropriate.

System action

The command terminates.

User response

Use the local command format.

OB7121 **ADDRESS IN COMMON AREA - USE
cccc**

Explanation

A cross memory command was used where a local command is appropriate.

System action

The command terminates.

User response

Use the local command format.

OB7122 **GENERATED ADDRESS INVALID -
xxxxxxx**

Explanation

The displayed address was developed while interpreting the address string. It is not valid for the named address space.

System action

The command terminates.

User response

Correct as necessary.

OB7123 **TARGET ADDRESS INVALID -
xxxxxxx**

Explanation

The displayed address was used to fetch data and is not a valid target address.

System action

The command terminates.

User response

Correct and retry.

OB7125 **VERIFY FAILED - ACTUAL CODE
WAS: nn**

Explanation

The verify data does not match the storage data.

System action

The command terminates.

User response

Correct and retry.

OB7126 **INVALID RETURN CODE - cc = nn**

Explanation

The SRB that was scheduled returned an unknown code.

System action

The command terminates.

User response

Contact IBM Software Support.

OB7127 **{TARGET|INDIRECT} ADDRESS
xxxxxxx IS STORE PROTECTED**

Explanation

The target/indirect address xxxxxxxx is store-protected and should not be modified.

System action

The command terminates.

User response

Use the action character if APF-authorized and retry.

OB7128 **{TARGET|INDIRECT} ADDRESS
xxxxxxx IS FETCH PROTECTED**

Explanation

The target/indirect address xxxxxxxx is fetch-protected and cannot be read.

System action

The command terminates.

User response

Use the action character if APF-authorized and retry.

OB7129 **{TARGET|INDIRECT} ADDRESS
xxxxxxx DOES NOT EXIST**

Explanation

The target/indirect address `xxxxxxx` cannot be located.

System action

The command terminates.

User response

Correct the address and retry.

OB7130 TRUNCATION HAS OCCURRED AT PAGE BOUNDARY

Explanation

The current display truncated because of an invalid address. The next page of storage is either undefined or fetch-protected.

System action

The command terminates.

User response

Correct the address or length and retry.

OB7131 SUBSTITUTION SYMBOL NOT DEFINED - ccccccc

Explanation

The MDEF command could not define the substitution symbol `ccccccc`. OMEGAMON cannot define a substitution symbol that begins with an ampersand (&).

System action

The command terminates.

User response

Replace the ampersand with another character and retry the MDEF command.

OB8110 NOT ENOUGH REGION FOR WORKAREA - nnnK MORE NEEDED

Explanation

The specified command could not obtain a work area.

System action

The command terminates.

User response

Increase the region size of the address space by a minimum of `nnnK`. Alternatively, use the WSIZ minor of PEEK or FNDU to decrease the work area size by `nnnK`.

OB8111 WARNING - WSIZ TOO SMALL ADDR= xxxxxx, SIZE = yyyyyy, USED =zzzzzz. Refer to documentation for the .SET PEEKSIZE command.

Explanation

The FNDU or PEEK SRB to collect data failed to complete its task because the data area it needed was too small.

System action

None.

User response

Use the WSIZ minor of FNDU or PEEK to increase the work area. Refer to the product-specific documentation for the .SET PEEKSIZE command.

OB8112 DATA COLLECTION INITIATED

Explanation

The command was issued with the action character, and OMEGAMON was collecting.

System action

None.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB8113 WARNING cccc FAILED VALIDITY CHECK

Explanation

The SRB to collect data failed to complete its task because a control block does not contain valid data. The variable `cccc` is one of the following control blocks:

ASCB
DSAB
JFCB
JFCX

TCB

System action

None.

User response

Re-enter the command. You may want to list the control block and verify its contents.

OB8114 **PEEK routine detected a possible loop while scanning a chain. Control block chain was *text*. Refer to documentation for the .SET LOOPCOUNT command.**

Explanation

The SRB to collect data failed to complete its task (possibly because the SRB is in a loop). *text* indicates which chain was being processed at the time of loop detection.

System action

None.

User response

Refer to the product-specific documentation for the .SET LOOPCOUNT command. If the problem persists, contact IBM Software Support.

OB8115 **WARNING - INVALID RETURN CODE - RC = *nn***

Explanation

The SRB routine returned a nonstandard code.

System action

The PEEK process terminates.

User response

If the error persists, contact IBM Software Support.

OB8116 **DANGER - INSUFFICIENT SQA, COMMAND ABORTED**

Explanation

There is insufficient SQA.

System action

The command aborts.

User response

Try the command later when more SQA is available.

OB8117 **INSUFFICIENT MEMORY FOR SRB SAVE AREA**

Explanation

There is insufficient memory for the save area.

System action

The command terminates.

User response

Try the command later when there is more memory available.

OB8118 **SRBD - SRB FAILED DURING INITIALIZATION**

Explanation

The SRB failed during initialization.

System action

The command terminates.

User response

Contact IBM Software Support.

OB8121 **CHANNEL SET NOT DEFINED**

Explanation

The user requested an invalid channel set.

System action

Command processing terminates.

User response

Correct command parameters and retry.

OB8130 **COMMAND TEXT IS TOO LONG**

Explanation

The command text can be a maximum of 126 characters.

System action

The command is not executed.

User response

Specify the command text so that it is no more than 126 characters.

OB8131 **INVALID CHARACTER AFTER
SYSTEM NAME**

Explanation

The system name was not followed by a blank space or by a comma.

System action

The command is not executed.

User response

Supply a system name followed by a blank space or a comma.

OB8132 **SYSTEM NAME IS TOO LONG,
MUST BE 1-8 CHARS**

Explanation

System names must be from 1-8 characters in length.

System action

The command is not executed.

User response

Supply a valid system name.

OB8202 **CPU NOT DEFINED**

Explanation

The CPU is not defined in the PCCA.

System action

None.

User response

Specify a CPU that is defined to your system (see the IBM OS/VS2 System Programming Library or MVS/Extended Architecture Debugging Handbooks for a CPU definition).

OB8203 **NO CHANNEL AVAILABILITY
TABLE**

Explanation

The specified channel does not exist.

System action

None.

User response

Specify a channel number that exists on the system.

OB8204 **LINK ERROR, CODE = {8|12}**

Explanation

The external routine for GDEV encountered a link error.

System action

The command terminates.

User response

Contact IBM Software Support.

OB8205 **INVALID INPUT -
aaaaaaaaaaaaaaaa**

Explanation

An invalid device class was entered as input to the GLST command.

System action

The GLST command is terminated.

User response

Correct the invalid input parameter. The help text for the GLST command displays the valid input parameters.

OB8206 **PROCESSING ERROR, DEVICE
CLASS *aaaa*, RC=*nn***

Explanation

The EDTINFO interface routine used by the GLST command returned with a non-zero return code, *nn*, processing device class *aaaa*.

System action

Processing continues, but that device class will not be displayed.

User response

Contact IBM Software Support.

OB8207 **SUBSYSTEM RETURN CODE**
aaaaaaaa bbbbbbbb cccccc
ddddddd

Explanation

A call to the Candle Subsystem has resulted in a non-zero return code during execution of the GDEV command.

aaaaaaaa
Identifies the Subsystem return code.

bbbbbbb
Identifies the function return code.

ccccccc
Identifies the subroutine invocation return code.

ddddddd
Identifies the subroutine invocation reason code.

System action

The GDEV command continues to process, however, there will be no data for devices defined as dynamic.

User response

Contact IBM Software Support.

OB8208 **CN SUBSYSTEM NOT INITIALIZED**

Explanation

A contact to the Candle Subsystem cannot be made because the Candle Subsystem has not been initialized by this OMEGAMON session.

System action

The GDEV command continues to process, however, there will be no data for devices defined as dynamic.

User response

Check to see that the Candle Subsystem is running on the system. If it is not running, start it. If it is running, contact IBM Software Support.

OB8209 **UCB INFORMATION UNAVAIABLE.**
RC=xxxxxxxx yyyyyyyy zzzzzzzz

Explanation

A call to internal OMEGAMON service to obtain UCB information resulted in a non-zero return code.

xxxxxxxx
Register 15 contains the return code.

yyyyyyy
Register 0 contains the reason code.

zzzzzzz
Register 1 contains the associated reason code.

System action

The OMEGAMON command is terminated.

User response

Contact IBM Software Support.

OB8277 **SYNTAX ERROR NEAR COLUMN**
FLAGGED ABOVE

Explanation

A syntax error was found in the input command line. An asterisk (*) marks the start of the invalid field.

System action

None.

User response

Verify the command syntax, correct the input as needed, and retry the command.

OB8280 **CONSOLE NOT FOUND**

Explanation

The console ID or device address specified located a type of device other than a console.

System action

None.

User response

Specify a valid console ID or device address.

OB8281 **HARDCOPY DEVICE**

Explanation

The console specified in the CONS command is a hardcopy device and therefore cannot be monitored.

System action

The command terminates.

User response

Select a non-hardcopy device to monitor.

**OB8282 INVALID CONSOLE NAME, MUST
 BE 2–8 CHARS****Explanation**

Console names must be from 2–8 characters. The first character must be A–Z, @, #, or \$, and subsequent characters must be A–Z, @, #, \$, or 0–9.

System action

The command is not executed.

User response

Supply a valid console name or console ID number.

**OB8283 INVALID CONSOLE ID NUMBER,
 MUST BE 1–99****Explanation**

Console ID numbers must be from 1–99.

System action

The command is not executed.

User response

Supply a valid console ID number or console name.

OB8284 MISSING CONSOLE VALUE**Explanation**

Either a console name or console ID number must be supplied after the CONS= keyword.

System action

The command is not executed.

User response

Supply a valid console name or console ID number.

**OB8285 INVALID CHARACTER AFTER
 CONSOLE VALUE****Explanation**

The console name or console ID number was not followed by a blank space or by a comma.

System action

The command is not executed.

User response

Supply a valid console name or console ID number, followed by a blank space or a comma.

**OB8286 CONSOLE DOES NOT EXIST OR IS
 INACTIVE****Explanation**

The console specified is not defined to the operating system, or is defined but not active.

System action

The command is not executed.

User response

Supply a valid console name or console ID number.

**OB8287 INCREASE GDEV UCB SLOTS TO
 MORE THAN *nnnnn*****Explanation**

OMEGAMON needs more than *nnnnn* slots for GDEV command UCBs.

System action

The command terminates.

User response

Increase the number of slots to more than *nnnnn*.

**OB8288 NO ONLINE DEVICES FOUND
 WITH THIS GENERIC****Explanation**

No online devices match the generic name specified.

System action

The command terminates.

User response

Try another generic name.

**OB8289 DLIST OFFSET GREATER THAN
 DLIST TABLE****Explanation**

The DLIST offset calculation is greater than that allowed in the DLIST table.

System action

The command terminates.

User response

Contact IBM Software Support.

OB8290 **NO GENERIC DEVICE NAME
SUPPLIED**

Explanation

A generic device name was expected.

System action

The command terminates.

User response

Enter a generic device name. Use the GLST device major command to list valid generic names for your site.

OB8291 **NO GENERIC DEVICES DEFINED
FOR THIS NAME**

Explanation

No devices were defined for the generic name specified.

System action

The command terminates.

User response

Enter a different generic device name.

OB8292 **GENERIC DEVICE NAME TOO
LONG**

Explanation

A generic device name must be 8 characters or less.

System action

The command terminates.

User response

Enter a valid device name with 8 characters or less.

OB8293 **NO MATCH FOUND FOR THIS
GENERIC NAME**

Explanation

The generic device name specified is not defined at your installation.

System action

The command terminates.

User response

Use the GLST device major command to list all defined generic device names.

OB8294 **IGNORED - DEVICE NOT
ALLOCATED, ONLINE DASD OR
TAPE**

Explanation

An attempt was made to deallocate a device that was either offline or was not a disk/tape.

System action

None.

User response

Specify an online disk or tape.

OB8295 **IGNORED - DEVICE IS
PERMANENTLY RESIDENT**

Explanation

An attempt was made to deallocate a permanently resident volume.

System action

None.

User response

Specify a volume that is not permanently resident.

OB8296 **IGNORED - DEVICE NOT
PERMANENTLY RESIDENT**

Explanation

An attempt was made to mark a device reserved that was not permanently resident.

System action

None.

User response

Specify a volume that is permanently resident.

OB8310 **JOB NOT FOUND**

Explanation

The requested jobname could not be found in the queue of currently running jobs.

System action

The PEEK command is suppressed.

User response

Correct the jobname.

OB8312 **"PEEK" COMMAND NOT
SUCCESSFULLY EXECUTED**

Explanation

An error prevented the PEEK command from executing.

System action

The PEEK command is suppressed.

User response

Observe prior error messages and take appropriate action.

OB8313 **NO cccc INFORMATION
AVAILABLE FOR *MASTER*
ADDRESS SPACE**

Explanation

The control blocks necessary to map virtual storage for the *MASTER* address space using the cccc minor of PEEK are incomplete or absent.

System action

The command terminates.

User response

None. These commands are not supported for the *MASTER* address space.

OB8320 **RETURN FETCH DELAYED**

Explanation

The return was delayed due to a cycle count in the command label.

System action

The command continues normally.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB8321 **RETURN FETCH PENDING**

Explanation

A return is scheduled for the next cycle.

System action

None.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB8322 **PROCFE DD STATEMENT
MISSING**

Explanation

The indicated DD statement is missing from the job's JCL.

System action

The command terminates.

User response

Add the statement and restart OMEGAMON.

OB8323 **NOT IN AUTOMATIC MODE -
RETURN IGNORED**

Explanation

The command is valid only in automatic mode.

System action

The command terminates without taking action.

User response

Correct the command or use only in automatic mode.

OB8324 **NO TARGET SCREEN SPACE**

Explanation

The target screen space name is missing.

System action

The command terminates.

User response

Supply a correct name and retry the command.

OB8325 **ENTRY DOES NOT EXIST - MUST
BE ADDED TO KOBICISUSERcc**

Explanation

A search of the currently active KOBICISUSER module failed to find the required entry.

System action

The command terminates.

User response

Check the name and verify the libraries.

OB8326 **SCREEN SPACE ccccccc NOT
FOUND**

Explanation

The specified screen space name was not in KOBICISPROC. Either it is missing or the name is incorrect.

System action

The command terminates.

User response

Correct the screen space name and verify the libraries. Retry the command.

OB8327 **INVALID VALUE ccccc FOR
KEYWORD aaaaaa SPECIFIED,
INPUT IGNORED**

Explanation

The value ccccc supplied for keyword aaaaaa is not valid.

System action

OMEGAMON ignores the invalid input and continues processing.

User response

Correct the keyword value and retry the command.

OB8501 **XLF/TSF FUNCTIONS DISABLED**

Explanation

The XLF/TSF functions are not available with this level of OMEGAMON.

System action

The associated commands are inoperative.

User response

Use a level of OMEGAMON that has these functions.

OB8551 **LOG RESET REQUIRED.
USE .XLFOUT.**

Explanation

Changes made to the log file require that it be reset.

System action

The command continues.

User response

To activate the new parameters, reset the log as indicated.

OB8601 **LOG RESET FAILED. INVALID
ccccccc FIELD.**

Explanation

The log reset failed because of the invalid field.

System action

The log is not available.

User response

Look up dynamic allocation in the appropriate IBM manual and retry the reset command.

OB8602 **LOG RESET FAILED. CODE
ccccccc,nnnn,xxxx**

Explanation

The log reset failed because of a bad return code from the dynamic allocation routine. The variable *ccccccc* is a return code. The variable *nnnn* is an error code. The variable *xxxx* is an error reason code.

System action

The log is not available.

User response

Look up the dynamic allocation return code in the appropriate IBM manual and retry the reset command.

OB8603	DDNAME NOT AVAILABLE. SYSOUT USED
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Explanation

The ddname specified is not allocated or is in use by another session.

System action

The system used SYSOUT.

User response

If the ddname is not being used by another session, correct the spelling or allocate the intended ddname and retry the reset command. If it is in use by another session, use another ddname, wait for the other session to be done, or accept the system use of SYSOUT.

OB8604	LINE COUNT MUST BE NUMERIC
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Explanation

An attempt was made to enter a non-numeric line count.

System action

The command terminates.

User response

Correct the line count value and reissue the command.

OB8605	LINE COUNT GREATER THAN 255
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Explanation

An attempt was made to enter a line count greater than the maximum of 255.

System action

The command terminates.

User response

Correct the line count value and reissue the command.

OB9001	BAD OPEN ON CONTROL STATEMENT FILE (SYSIN)
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Explanation

This is probably the result of a missing SYSIN DD statement in the JCL.

System action

The update terminates. OMEGAMON does not process any updates.

User response

Include a SYSIN DD statement in the job's JCL and resubmit the job.

OB9003	BLANK CARD - IGNORED
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Explanation

OMEGAMON encountered a blank card in the input stream.

System action

OMEGAMON ignores the blank card and continues the edit and update.

User response

Remove the blank record from control record input. Verify that the record was intentionally blank.

OB9004	INVALID CONTROL STATEMENT FORMAT
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Explanation

The syntax or the spelling of the control statement was incorrect.

System action

OMEGAMON ignores the control statement and continues the edit and update.

User response

Correct the syntax or spelling and resubmit the statement.

OB9005 **INVALID LEVEL NUMBER
SPECIFIED. PASSWORD IGNORED**

Explanation

OMEGAMON allows only level number 1, 2, or 3 as valid level numbers for passwords.

System action

OMEGAMON ignores the control statement and continues the edit and update.

User response

Correct the level number and resubmit the statement.

OB9006 **INVALID LEVEL NUMBER.
DEFAULT OF 0 ASSIGNED**

Explanation

You specified an invalid level number for a command. Valid level numbers are 0, 1, 2, or 3.

System action

OMEGAMON assigns a default level of 0 to the command in question. OMEGAMON continues the edit and update.

User response

Correct the level number in the control statement and resubmit it if it is other than 0.

OB9007 **INVALID KEYWORD SPECIFIED**

Explanation

The keyword specified does not exist or is not valid on this statement. (For example, VOLUME= is invalid on a COMMAND statement, and LEVEL= is invalid on an AUTHLIB statement.)

System action

OMEGAMON ignores the control statement and continues the edit and update.

User response

Verify the keywords on the control statement to make sure that they belong together. When you find the error, correct it and resubmit the new control statements.

OB9008 **LEVEL KEYWORD MUST BE
SPECIFIED WITH PASSWORD.
PASSWORD IGNORED**

Explanation

OMEGAMON did not find the LEVEL= keyword. The PASSWORD statement requires a LEVEL= parameter to specify the password level.

System action

OMEGAMON ignores the control statement and continues the edit and update.

User response

Add a LEVEL= keyword to all PASSWORD= statements and resubmit the job.

OB9009 **INVALID COMMAND LENGTH.
INFO-LINE COMMANDS MUST BE 1
THROUGH 8 CHARACTERS PLUS A
SLASH**

Explanation

The security installation utility detected an INFO-line command that was longer than eight characters, not including the slash (/).

System action

OMEGAMON ignores the control statement and continues the edit and update.

User response

Correct the command name and resubmit it.

OB9010 **INVALID EXTERNAL VALUE
SPECIFIED. DEFAULT OF NO
ASSIGNED**

Explanation

The security installation utility detected an invalid value for the EXTERNAL= keyword.

System action

OMEGAMON assumes EXTERNAL=NO on this statement and continues the edit and update.

User response

Correct the value of the EXTERNAL keyword, and resubmit the statement.

OB9011 **INTERNAL ERROR IN MESSAGE
PROCESSING ROUTINE. NOTIFY
CANDLE CORPORATION**

Explanation

OMEGAMON encountered an error in the message processing routine.

System action

The job terminates.

User response

Record any console messages and contact IBM Software Support.

OB9012 **PASSWORD IS OF AN INVALID
LENGTH. MUST BE BETWEEN 1
AND 8 CHARACTERS**

Explanation

The security installation utility detected a password that is not 1–8 characters long.

System action

OMEGAMON ignores the control statement and continues the edit and update.

User response

Correct the length of the password and resubmit the statement.

OB9013 **IMPROPER LENGTH FOR DSNAME**

Explanation

The security installation utility detected a data set name of improper length. The data set name for the AUTHLIB keyword must follow the standard rules for data set names (no imbedded blanks or special characters, and 44 or less characters in length).

System action

OMEGAMON ignores the control statement and continues the edit and update.

User response

Correct the data set name and resubmit the statement.

OB9014 **MAJOR AND MINOR COMMANDS
MUST BE 3 TO 4 CHARACTERS
LONG. STATEMENT IGNORED**

Explanation

The security installation utility detected a major or minor command that was not 3–4 characters long.

System action

OMEGAMON ignores the control statement and continues the edit and update.

User response

Correct the major or minor command name and resubmit it.

OB9015 **AUTHLIB ALREADY SPECIFIED.
STATEMENT IGNORED**

Explanation

The security installation utility detected more than one AUTHLIB statement in this run. OMEGAMON only allows one AUTHLIB statement per update run.

System action

OMEGAMON ignores the control statement and continues the edit and update.

User response

Make sure that the AUTHLIB statements OMEGAMON found did not have conflicting information. Remove extra AUTHLIB statements and resubmit if necessary.

OB9016 **PASSWORD FOR THIS LEVEL
NUMBER ALREADY SPECIFIED.
THIS PASSWORD IGNORED**

Explanation

You can only specify one password for a specific level number.

System action

OMEGAMON ignores the control statement and continues the edit and update.

User response

Make sure that you specified the correct level number for this password. Correct and resubmit if necessary.

OB9017 **INTERNAL ERROR DETECTED IN
UPDATE PROCESS. CONTACT IBM
CORP.**

Explanation

OMEGAMON encountered an error in the security update program.

System action

The job terminates.

User response

Contact IBM Software Support.

OB9018 **COMMAND NOT DEFINED**

Explanation

You specified an invalid major, minor, or INFO-line command name, or a command not supported under this operating system (for example, an XA command under a 370 system).

System action

OMEGAMON ignores the control statement and continues the edit and update.

User response

Check for spelling errors. Correct the command and resubmit it.

OB9019 ***** WARNING *** - UPDATE
CANCELLED**

Explanation

This is usually the result of processing the UPDATE=NO control statement. The message appears after the end of the control statement input. If you specified LIST=YES, the listing reflects the contents of the security file as if the changes have already taken place.

System action

OMEGAMON cancels the update.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB9020 **INVALID VOLUME SERIAL
NUMBER FORMAT**

Explanation

OMEGAMON found an invalid volume serial number. A valid volume serial number or the characters NOVOLUME are the only values OMEGAMON allows.

System action

OMEGAMON ignores the control statement and continues the edit and update.

User response

Correct the volume serial number and resubmit the statement.

OB9021 **INVALID VALUE SPECIFIED FOR
AUDIT KEYWORD. MUST BE "YES"
OR "NO"**

Explanation

The security installation utility detected an invalid value for the AUDIT keyword. The AUDIT keyword only accepts the values YES or NO.

System action

OMEGAMON ignores the control statement and continues the edit and update.

User response

Resubmit the statement specifying a valid value for the AUDIT= keyword.

OB9022 **WARNING—INVALID LEVEL
NUMBER FOUND IN COMMAND
TABLE FOR THIS COMMAND**

Explanation

Security update was attempted on an OMEGAMON version that does not support external security.

System action

The job terminates.

User response

Verify that you are using a current level of OMEGAMON.

OB9023 **INTERNAL ERROR IN LIST
ROUTINE. CONTACT IBM
CORPORATION**

Explanation

OMEGAMON encountered an error in the security update program.

System action

The job terminates.

User response

Contact IBM Software Support.

OB9024 **MULTIPLE UPDATE STATEMENTS
ENCOUNTERED. UPDATE
CANCELLED**

Explanation

The security update utility found more than one update control statement in this run. OMEGAMON only allows one UPDATE= statement per run.

System action

OMEGAMON continues the edit but cancels the update.

User response

Remove the extra update statements from the control statement input.

OB9025 **INVALID KEYWORD VALUE.
ACCEPTABLE VALUES ARE "YES"
OR "NO"**

Explanation

OMEGAMON received an invalid value for a specified keyword. OMEGAMON only accepts the values YES or NO.

System action

OMEGAMON ignores the control statement and continues the edit and update.

User response

Correct the keyword value and resubmit the statement.

OB9026 **"LIST" STATEMENT ALREADY
SPECIFIED. STATEMENT IGNORED**

Explanation

The security update utility found more than one LIST statement in this run.

System action

OMEGAMON ignores the control statement and continues the edit and update.

User response

Remove the extra LIST= statements from the control statement input.

OB9027 **ALIASES OF INFO-LINE (SLASH)
COMMANDS CANNOT BE
UPDATED. ACTUAL COMMAND
NAME MUST BE SPECIFIED**

Explanation

When you protect an INFO-line command, OMEGAMON also protects its aliases. You cannot protect only an alias. The security file listing identifies the aliases.

System action

OMEGAMON ignores the control statement and continues the edit and update.

User response

Resubmit with the actual command name.

OB9028 **INTERNAL ERROR DETECTED
IN INFO-LINE COMMAND TABLE
SEARCH. CONTACT IBM CORP.**

Explanation

OMEGAMON encountered an error in the security update program.

System action

The job terminates.

User response

Contact IBM Software Support.

OB9029 **"VOL=" KEYWORD MUST BE
SPECIFIED FOR AUTHLIB. ENTER
"VOL=NOVOLUME" IF NO VOLUME
SERIAL NUMBER IS TO BE USED**

Explanation

OMEGAMON found no keyword for VOL=.

System action

OMEGAMON ignores the control statement and continues the edit and update.

User response

Resubmit with a volume serial number or VOL=NOVOLUME if you do not want OMEGAMON to perform volume serial number checking.

OB9030	COMMAND TABLE IS INVALID. SECURITY UPDATE PROGRAM TERMINATED
---------------	---

Explanation

A security update was attempted on an OMEGAMON version that does not support external security.

System action

The job terminates.

User response

Verify that you are using a current level of OMEGAMON.

OB9031	RESET KEYWORD VALUE MUST END WITH A BLANK
---------------	--

Explanation

A nonblank character terminated the reset operand.

System action

OMEGAMON suppresses the operation.

User response

Correct the command and retry.

OB9032	UNKNOWN RESET KEYWORD VALUE
---------------	--

Explanation

The reset keyword operand is not valid.

System action

OMEGAMON suppresses the operation.

User response

Correct the keyword value and retry.

OB9033	MAJOR COMMAND TABLES WILL BE RESET
---------------	---

Explanation

The security level, audit, and external switches will be cleared for all major and immediate commands. These commands will be unprotected unless you specify new settings and rerun the update program.

System action

Processing continues.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB9034	MINOR COMMAND TABLES WILL BE RESET
---------------	---

Explanation

The security level, audit, and external switches will be cleared for all minor commands. These commands will be unprotected unless you specify new settings and rerun the update program.

System action

Processing continues.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB9035	INFO-LINE COMMANDS WILL BE RESET
---------------	---

Explanation

The security level, audit, and external switches will be cleared for all INFO-line commands. These commands will be unprotected unless you specify new settings and rerun the update program.

System action

Processing continues.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB9036 **PASSWORDS AND AUTHLIB WILL
BE RESET**

Explanation

The passwords and the authorized data set will be cleared.

System action

Processing continues.

User response

Specify new settings and rerun the update program to reset these fields.

OB9037 **ONLY SECURITY LEVEL 0
ALLOWED FOR /PWD LEVEL 0
ASSIGNED**

Explanation

OMEGAMON allows a security level 0 only for the /PWD INFO-line command.

System action

OMEGAMON assigns security level 0.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB9038 **INVALID SMF RECORD NUMBER
SPECIFIED**

Explanation

Installer specified an invalid parameter for the SMFNUM control statement. Valid SMF record numbers are 128 through 255.

System action

The security update program ignored the statement.

User response

Correct the SMF record number to a number between 128 and 255 and resubmit.

OB9039 **SMFNUM ALREADY SPECIFIED.
STATEMENT IGNORED.**

Explanation

Installer specified the SMFNUM parameter in the security update program more than once.

System action

The security update program ignored the statement.

User response

Submit a new SMFNUM statement.

OB9040 **MODULE ALREADY SPECIFIED.
STATEMENT IGNORED.**

Explanation

Installer specified the MODULE parameter in the security update program more than once.

System action

The security update program ignored the statement.

User response

Submit a new MODULE statement.

OB9041 **MODULE LENGTH IS INVALID;
MUST BE BETWEEN 1 AND 8
CHARACTERS**

Explanation

The security installation utility detected a name specified for the MODULE control statement that was not 1–8 characters.

System action

The security update program ignored the statement.

User response

Submit a new MODULE statement.

OB9042 **PASSWORD SPECIFICATION WILL
BE RESET**

Explanation

The installer executed the security update program to reset the indicated password.

System action

The security update program will reset the password.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB9043 **SMF RECORD NUMBER
SPECIFICATION WILL BE RESET**

Explanation

Installer executed security update program to reset the indicated SMF record number.

System action

The security update program will reset the SMF record number.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB9044 **EXTERNAL SECURITY MODULE
NAME SPECIFICATION WILL BE
RESET**

Explanation

The installer executed the security update program to clear the indicated module name. The external security exit routine will not be accessible unless you specify a new setting and rerun the security update program.

System action

The security update program will clear the name.

User response

If you want to use external security specify a valid module name for the security exit and rerun the security update program.

OB9045 *****WARNING*** - UPDATE
DENIED BY CONSOLE OPERATOR**

Explanation

This message appears on the security update report. The console operator replied NO to a request to update the security tables, so the request was denied.

System action

The update is cancelled.

User response

If appropriate, provide information on authorization to the console operator.

OB9089 **UPDATE OF OMEGAMON
SECURITY TABLES HAS BEEN
REQUESTED BY *jobname***

Explanation

This message appears on the operator console to advise the operator that a job is attempting to update the security tables.

System action

None.

User response

None.

OB9090 **REPLY "Y" TO ALLOW OR "N" TO
DISALLOW UPDATE PROCESSING**

Explanation

This message appears on the operator console following message OB9089. It prompts the operator to allow or disallow updating.

System action

The update job waits for the operator's reply.

User response

Respond Y or N.

OB9144 **OBSELR00 CALLED TO READ
cccccccc**

Explanation

This is an informational message returned from running the security update program. The variable ccccccc is the security table.

System action

The security update program completes.

User response

None.

**OB9145 OBSELW00 CALLED TO WRITE
 cccccccc**

Explanation

This is an informational message returned from running the security update program. The variable ccccccc is the security table.

System action

The security update program continues processing.

User response

None.

**OB9146 LOAD MODULE TEXT
 SUCCESSFULLY READ**

Explanation

This is an informational message returned from running the security update program.

System action

The security update program continues processing.

User response

None.

**OB9147 LOAD MODULE TEXT
 SUCCESSFULLY UPDATED**

Explanation

This is an informational message returned from running the security update program. Message OB9158 accompanies this message.

System action

The security update program completes.

User response

None.

**OB9148 SYSLIB DCB {OPENED|CLOSED}
 SUCCESSFULLY**

Explanation

This is an informational message returned from running the security update program.

System action

Security update program continues processing.

User response

None.

OB9149 LIBRARY DSNAME IS: ccccccc

Explanation

This is an informational message returned from running the security update program. It provides the library data set name ccccccc.

System action

Security update program continues processing.

User response

None.

OB9150 SYSLIB DCB CLOSED

Explanation

This is an informational message returned from running the security update program.

System action

The security update program completes.

User response

None.

OB9151 SYSLIB DCB FAILED TO OPEN

Explanation

OMEGAMON encountered an error opening the data set specified in the SYSLIB DD statement.

System action

The job terminates.

User response

Verify that the SYSLIB DD statement specifies a valid and correctly spelled data set.

OB9152 SYNADAF ERROR MESSAGE

Explanation

An error occurred during a read/write of a file by the security update program.

System action

The job terminates.

User response

Contact IBM Software Support.

OB9153 BLDL MACRO FAILED WITH RETURN CODE *nnnn/nnnn*

Explanation

OMEGAMON cannot find the command table. The variable *nnnn/nnnn* is an IBM return code.

System action

The job terminates.

User response

Verify that the job specifies the correct load library.

OB9154 FIND MACRO FAILED WITH RETURN CODE *nnnn/nnnn*

Explanation

OMEGAMON cannot find the command table. The variable *nnnn/nnnn* is an IBM return code.

System action

The job terminates.

User response

Verify that the job specifies the correct load library.

OB9155 TEXT READ OVERFLOWS DIRECTORY SIZE INDICATION

Explanation

An error occurred during the security update program's processing.

System action

The job terminates.

User response

Contact IBM Software Support.

OB9156 UNEXPECTED END-OF-FILE WHILE READING *cccccccc*

Explanation

An error occurred during the security update program's processing.

System action

The job terminates.

User response

Contact IBM Software Support.

OB9157 RDJFCB MACRO FAILED WITH RETURN CODE *nnnn*

Explanation

An error occurred during the security update program's processing.

System action

The job terminates.

User response

Contact IBM Software Support.

OB9158 LOAD MODULE ID: *cccccccc*

Explanation

This message accompanies OB9146. The list that follows contains information on:

- An internal module name
- An internal version identifier
- An internal date and time stamp

System action

The security update processing completes.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OB9261 **KOBSUPDT BEGUN**

Explanation

This is an informational message generated at the start of the security update program.

System action

The security update program continues processing.

User response

None.

OB9262 **LOAD MODULE cccccc RETURN
CODE IS nnnn**

Explanation

The variable *ccccc* is READ, UPDATE, or REWRITE. This is an informational message returned from running the security update program.

System action

The security update program continues processing.

User response

If return code *nnnn* is other than 0, contact IBM Software Support.

OB9263 **KOBSUPDT LISTING FILE FAILED
TO OPEN**

Explanation

The attributes of the SYSPRINT file are wrong.

System action

The job terminates.

User response

Verify that the file is a SYSOUT data set, or that the file has the following attributes: RECFM=FBA, LRECL=133, DSORG=PS, and BLKSIZE is a multiple of 133.

OB9269 **KOBSUPDT ENDED**

Explanation

This is an informational message returned from running the security update program.

System action

The security update program completes.

User response

None.

OBV101 **VTPRELOG MODULE ENTERED**

Explanation

This message is issued after the VTM1WK workarea is initialized.

System action

Processing continues.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OBV102 **USER INIT EXIT BEING CALLED**

Explanation

This message is issued before the exit is called.

System action

Processing continues.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OBV103 **USER INIT EXIT NOT BEING
CALLED**

Explanation

The initiation exit is optional. This message indicates that the user did not supply the exit.

System action

Processing continues.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OBV104 **OPEN ACB BEING ISSUED**

Explanation

VTM1 must open an ACB that points to an applid. This message is issued before every attempt to open an ACB.

System action

Processing continues.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OBV105 **OPEN ACB SUCCESSFUL, NOW
ISSUE SETLOGON**

Explanation

This message is issued before the VTAM SETLOGON instruction.

System action

Processing continues.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OBV106 **SETLOGON SUCCESSFUL, NOW
ISSUE REQSESS**

Explanation

This message is issued before the VTAM REQSESS instruction.

System action

Processing continues.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OBV107 **REQSESS SUCCESSFUL, NOW
ISSUE STIMER**

Explanation

This message is issued before the MVS STIMER instruction.

System action

Processing continues.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OBV108 **STIMER SUCCESSFUL, NOW ISSUE
WAIT**

Explanation

This message is issued before the MVS WAIT instruction. VTM1 will wait for one of two ECBs to be posted. This will either be the STIMER ECB (from STIMER) or SCIP exit ECB (from REQSESS).

System action

Processing continues.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OBV109 **WAIT POPPED, BRANCH TO
VTENVIR**

Explanation

One of the two ECBs named in OBV108 has been posted. VTM1 branches to module VTENVIR.

System action

Processing continues.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OBV110 MODULE VTENVIR ENTERED

Explanation

This message is issued upon entry to module VTENVIR.

System action

Processing continues.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OBV111 SCIP ECB POSTED

Explanation

The VTAM SCIP exit was scheduled due to the receipt of an SC RU. It posted the SCIP ECB.

System action

Processing continues.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OBV112 BIND RECEIVED FROM PLU

Explanation

The BIND RU was received by the VTAM SCIP exit. A previous REQSESS macro resulted in this BIND.

System action

Processing continues.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OBV113 MODULE VTCOMM ENTERED

Explanation

This message is issued upon entry to module VTCOMM.

System action

Processing continues.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OBV114 UNBIND DETECTED

Explanation

The UNBIND RU was received by the VTAM SCIP exit.

System action

Processing terminates.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OBV115 CALLING ROUTINE TO CREATE RPL FOR RECEIVE

Explanation

The VTAM GENCB macro is being issued to create an RPL which a later RECEIVE macro will use.

System action

Processing continues.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OBV116 RECEIVE ISSUED AND COMPLETE

Explanation

The VTAM RECEIVE macro has completed.

System action

Processing continues.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OBV117 UNBIND DETECTED

Explanation

The UNBIND RU was received by the VTAM SCIP exit.

System action

Processing terminates.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OBV118 SENT DEFINITE RESPONSE

Explanation

The VTAM SEND macro, used to send a definite response, has completed. The return code from the SEND has not yet been checked.

System action

Processing continues.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OBV119 CALLING USER PUT EXIT

Explanation

This message is issued just before the user exit is called.

System action

Processing continues.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OBV120 CALLING USER GET EXIT

Explanation

This message is issued just before the user exit is called.

System action

Processing continues.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OBV121 CALLING ROUTINE TO CREATE RPL FOR SEND

Explanation

The VTAM GENCB macro is being issued to create a RPL which a later SEND macro will use.

System action

Processing continues.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OBV122 CALLING ROUTINE TO ISSUE SEND

Explanation

This message is issued before the VTAM SEND instruction is executed.

System action

Processing continues.

User response

None. This is an informational message and does not require further action. Typically, this type of

message clarifies some aspect of system behavior during normal operations.

OBV123 MODULE VTTERM ENTERED

Explanation

Issued upon entry to module VTTERM.

System action

Processing continues.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OBV124 CALLING USER TERM EXIT

Explanation

This message is issued just before the user exit is called.

System action

Processing continues.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OBV125 VTAM LOSTTERM EXIT ENTERED FOR VTM1

Explanation

This message is issued upon entry to the VTAM LOSTTERM exit for VTM1.

System action

Processing continues.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OBV126 VTAM TPEND EXIT ENTERED FOR VTM1

Explanation

This message is issued upon entry to the VTAM TPEND exit for VTM1.

System action

Processing continues.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OBV127 VTAM SCIP EXIT ENTERED FOR VTM1

Explanation

This message is issued upon entry to the VTAM SCIP exit for VTM1.

System action

Processing continues.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OBV128 VTSCIP RECEIVES UNBIND REQUEST

Explanation

The VTAM SCIP exit for VTM1 received an UNBIND request.

System action

Processing continues.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OBV129 VTSCIP RECEIVES BIND REQUEST

Explanation

The VTAM SCIP exit for VTM1 received a BIND request.

System action

Processing continues.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OBV130 RECEIVED FIRST SDT REQUEST

Explanation

The VTAM SCIP exit for VTM1 received its first Start Data Traffic request.

System action

Processing continues.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OBV131 RECEIVED SECOND SDT REQUEST

Explanation

The VTAM SCIP exit for VTM1 received its second Start Data Traffic request.

System action

Processing continues.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OBV132 RECEIVED CLEAR REQUEST

Explanation

The VTAM SCIP exit for VTM1 received a CLEAR request.

System action

Processing continues.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OBV133 VTSCIP POSTING ECB

Explanation

The VTAM SCIP exit for VTM1 posted its ECB to notify the mainline VTM1 code.

System action

Processing continues.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OBV134 MVS STIMER EXIT ENTERED FOR VTM1

Explanation

The MVS STIMER issued previously has popped, and its exit is being driven.

System action

Processing continues.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OBV135 VTM1 USER ccccccc LOGGING ON TO aaaaaaaaa

Explanation

This message is issued via WTO after a user logs onto a VTAM application through VTM1. The fields ccccccc and aaaaaaaaa are filled in with the user ID and system name of the PLU, respectively.

System action

Processing continues.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OBV136 **VTLOGON MODULE ENTERED**

Explanation

The module VTLOGON was entered.

System action

Processing continues.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OBV201 **ERROR WITH IDENTIFY MACRO
USED TO LOCATE MODULE
VTPRELOG**

Explanation

An attempt to locate VTM1 module VTPRELOG failed.

System action

Processing terminates with an error.

User response

Contact IBM Software Support.

OBV202 **GETMAIN FAILED FOR ATTACH
MACRO WORKAREA**

Explanation

Storage request for the ATTACH macro's workarea, as defined by the list form of ATTACH, failed. This area is needed to make the attach request reentrant.

System action

Processing terminates with an error.

User response

Increase the region size.

OBV203 **ATTACH OF MAIN VTM1 MODULE
VTPRELOG FAILED**

Explanation

The ATTACH macro, used to create the main VTM1 task executing module VTPRELOG, failed.

System action

Processing terminates with an error.

User response

Contact IBM Software Support.

OBV204 **DETACH OF MAIN VTM1 MODULE
VTPRELOG FAILED**

Explanation

The detach of the VTM1 module VTPRELOG failed. Note that when this message is issued, regular VTM1 processing was already completed.

System action

Processing terminates with an error.

User response

Contact IBM Software Support.

OBV205 **FREEMAIN FAILED FOR ATTACH
MACRO WORKAREA**

Explanation

Storage request for the ATTACH macro's workarea, as defined by the list form of ATTACH, failed. When this message is issued, regular VTM1 processing is already completed.

System action

Processing terminates with an error.

User response

Contact IBM Software Support.

OBV206 **GETMAIN FAILED FOR MAIN VTM1
WORKAREA - VTM1WK**

Explanation

The storage request for the main VTM1 workarea failed.

System action

Processing terminates with an error.

User response

Increase the region size.

OBV207 GETMAIN FAILED FOR VTALTER

Explanation

The storage request for the VTM1 workarea failed. This workarea holds information describing the VTM1 processing environment.

System action

Processing terminates with an error.

User response

Increase the region size.

OBV208 GETMAIN FAILED FOR VTM1 USER WORKAREA

Explanation

The storage request for the VTM1 workarea failed. This workarea is for the VTM1 user.

System action

Processing terminates with an error.

User response

Increase the region size.

OBV209 ERROR SETTING ESTAE

Explanation

The MVS ESTAE macro that is used to trap VTM1 processing errors failed.

System action

Processing terminates with an error.

User response

Contact IBM Software Support.

OBV210 ERROR CREATING NIB CB

Explanation

The VTAM GENCB macro that is used to create an NIB control block failed.

System action

Processing terminates with an error.

User response

Contact IBM Software Support.

OBV211 ERROR CREATING RPL CB

Explanation

The VTAM GENCB macro that is used to create an RPL control block failed.

System action

Processing terminates with an error.

User response

Contact IBM Software Support.

OBV212 ERROR CREATING ACB CB

Explanation

The VTAM GENCB macro that is used to create an ACB control block failed.

System action

Processing terminates with an error.

User response

Contact IBM Software Support.

OBV213 ERROR CREATING EXLST CB

Explanation

The VTAM GENCB macro that is used to create an EXLST control block failed.

System action

Processing terminates with an error.

User response

Contact IBM Software Support.

OBV214 USER INIT EXIT RETURNS WITH ERROR

Explanation

After issuing this message, VTM1 begins termination processing. The message is not passed back to the VTM1 user.

System action

Processing terminates with an error.

User response

Contact IBM Software Support.

OBV215	ERROR CREATING RPL CB FOR OPNSEC
---------------	---

Explanation

The VTAM GENCB macro that is used to create a RPL control block failed. The RPL was to be used by the VTAM OPNSEC macro in the SCIP exit.

System action

Processing terminates with an error.

User response

Contact IBM Software Support.

OBV216	OPEN ACB FAILED, NONSPECIFIC
---------------	-------------------------------------

Explanation

An attempt to open an ACB using one of the applids in the pool failed. This message is not passed back to the user.

System action

Processing continues; VTM1 tries the next applid in the pool.

User response

None.

OBV217	OPEN ACB FAILED, APPLID ALREADY IN USE
---------------	---

Explanation

An attempt to open an ACB using one of the applids in the pool failed. This message is not passed back to the user.

System action

Processing continues; VTM1 tries the next applid in the pool.

User response

None.

OBV218	OPEN ACB FAILED, APPLID INACT OR UNKNOWN
---------------	---

Explanation

An attempt to open an ACB using one of the applids in the pool failed. This message is not passed back to the user.

System action

Processing continues; VTM1 tries the next applid in the pool.

User response

None.

OBV219	NO LOGON MODE ENTRY AVAILABLE
---------------	--

Explanation

The user-supplied table was searched, but no logmode entry was found that matched the VTALTER fields.

System action

Processing terminates with an error.

User response

Check the CALLVT macro parameter VTNAME. Make sure that there is a logon mode table entry specified for the given environment.

OBV220	SESSION CANNOT START - NO VIRTUAL TERMINAL AVAILABLE
---------------	---

Explanation

The VTM1 virtual terminal pool was searched, but none of the virtual terminals was available for use.

System action

Processing terminates with an error.

User response

Verify that the VTAM major node definition of the virtual terminal pool, KOBVTPL, is active to VTAM. Also, verify that at least one minor node within the major node has a VTAM status of CONCT.

OBV221 SETLOGON FAILED

Explanation

The VTAM SETLOGON macro failed.

System action

Processing terminates with an error.

User response

Contact IBM Software Support.

OBV222 REQSESS FAILED

Explanation

The VTAM REQSESS macro failed.

System action

Processing terminates with an error.

User response

Contact IBM Software Support.

OBV223 STIMER FAILED

Explanation

The MVS STIMER macro failed.

System action

Processing terminates with an error.

User response

Contact IBM Software Support.

OBV224 SESSION REQUEST TIMEOUT

Explanation

VTM1 has not received a response to a session request sent to KOBVTAM. The cause of the failure is not known, but the nature of the problem is probably temporary.

System action

VTM1 session request is terminated.

User response

Try starting another session at a later time. If the condition persists, contact IBM Software Support.

OBV225 UNBIND REQUEST RECEIVED

Explanation

An unexpected UNBIND request was received.

System action

Processing terminates with an error.

User response

Check the application system that VTM1 was logged onto. Try to logon again. If the error persists, contact IBM Software Support.

**OBV226 UNKNOWN ERROR ENCOUNTERED
WHILE EXAMINING THE VTM1
ECB LIST**

Explanation

There is an unclear reason for the transfer of control within VTM1. Neither the STIMER or SCIP ECB was posted.

System action

Processing terminates with an error.

User response

Contact IBM Software Support.

OBV228 GETMAIN FOR GBUFF FAILED

Explanation

The storage request for the VTM1 get buffer area failed.

System action

Processing terminates with an error.

User response

Increase the region size.

OBV229 GETMAIN FOR PBUFF FAILED

Explanation

The storage request for the VTM1 put buffer area failed.

System action

Processing terminates with an error.

User response

Increase the region size.

OBV230	UNABLE TO DETERMINE THE USERID
---------------	---------------------------------------

Explanation

The VTM1 code that examines the ASCB in order to determine user ID encountered an error.

System action

Processing terminates with an error.

User response

Contact IBM Software Support.

OBV231	RECEIVE FAILED, NONSPECIFIC REASON
---------------	---

Explanation

The VTAM RECEIVE macro failed.

System action

VTM1 abends with user abend code U231. This message is seen only by the internal VTM1 trace routine.

User response

Contact IBM Software Support.

OBV232	SENDING OF DEFINITE RESPONSE FAILED
---------------	--

Explanation

The VTAM SEND macro that is issued to send a definite response failed.

System action

VTM1 abends with user abend code U232. This message is seen only by the internal VTM1 trace routine.

User response

Contact IBM Software Support.

OBV233	USER PUT EXIT RETURNS WITH ERROR
---------------	---

Explanation

After issuing this message, VTM1 begins termination processing. The message is not passed back to the VTM1 user.

System action

Processing terminates with an error.

User response

Contact IBM Software Support.

OBV234	USER GET EXIT RETURNS WITH ERROR
---------------	---

Explanation

After issuing this message, VTM1 begins termination processing. The message is not passed back to the VTM1 user.

System action

Processing terminates with an error.

User response

Contact IBM Software Support.

OBV235	SEND FAILED, NONSPECIFIC REASON
---------------	--

Explanation

The VTAM SEND macro failed.

System action

VTM1 abends with user abend code U235. This message is seen only by the internal VTM1 trace routine.

User response

Contact IBM Software Support.

OBV236	ERROR CREATING RPL CB FOR RECEIVE
---------------	--

Explanation

The VTAM GENCB macro that is used to create an RPL control block failed.

System action

VTM1 abends with user abend code U236. This message is seen only by the internal VTM1 trace routine.

User response

Contact IBM Software Support.

OBV237 TESTCB FAILED

Explanation

The VTAM TESTCB macro failed.

System action

VTM1 abends with user abend code U237. This message is seen only by the internal VTM1 trace routine.

User response

Contact IBM Software Support.

**OBV238 ERROR CREATING RPL CB FOR
SEND**

Explanation

The VTAM GENCB macro that is used to create an RPL control block failed.

System action

VTM1 abends with user abend code U238. This message is seen only by the internal VTM1 trace routine.

User response

Contact IBM Software Support.

OBV239 OPNSEC FAILED

Explanation

The VTAM OPNSEC macro that is issued from the SCIP exit failed. This message is seen only by the internal VTM1 trace routine.

System action

Processing terminates as if an UNBIND had been received.

User response

Contact IBM Software Support.

**OBV300 VTM1 LOGMODE ccccccc ERROR -
FM/TS nnnn NOT SUPPORTED**

Explanation

VTAM logmode ccccccc specifies FM/TS profile nnnn, which VTM1 does not support. VTM1 requires a logmode with FM/TS profile "0202".

System action

The session terminates.

User response

Correct the KOBVTPL definitions to specify an appropriate VTAM logmode, and retry.

**OBV301 OMEGAMON SESSION REQUEST
FAILED - OBVTAM APPL NOT
SPECIFIED**

Explanation

A null (blank) applid has been specified.

System action

The session terminates.

User response

Verify that the applid has been properly supplied by all clists, panels, or procedures, and retry.

**OBV302 SESSION REQUEST FAILED -
OBVTAM APPL ccccccc NOT
DEFINED**

Explanation

VTM1 requested a session with the KOBVTAM application specified. VTAM does not have a network definition for the KOBVTAM APPL.

System action

VTM1 session request terminates.

User response

Activate the proper network definition and start KOBVTAM. If KOBVTAM is a cross-domain resource, verify that the VTM1 host has a cross-domain resource definition active for KOBVTAM.

OBV303 **VTM1 APPL ccccccc NOT ACTIVE**

Explanation

The VTM1 appl ccccccc is not active.

System action

The session terminates.

User response

Make sure that the VTM1 appls have been properly defined and are active.

OBV304 **OPEN ERROR cc DETECTED FOR
APPL aaaaaaaaa**

Explanation

OPEN failed to complete successfully for APPL aaaaaaaaa, due to error condition cc, where:

cc

Is always ACBERFLG. For more information about the ACBERFLG values, refer to information about "OPEN macroinstruction error fields" in *thez/OS Communications Server IP and SNA Codes (SC31-8791)* book and "OPEN--Open one or more ACBs" in the *z/OS Communications Server SNA Programming (SC31-8829)* book.

aaaaaaaa

Is a user-defined applid. Default sample values are in the OBVTM1nn format, where nn can be 01 through 25.

System action

The session terminates.

User response

Contact IBM Software Support.

OBV305 **TEMPORARY VTAM ERROR. RETRY
LATER**

Explanation

VTAM is temporarily short on storage.

System action

The session terminates.

User response

Retry later. If the problem persists, contact your Network Support group.

OBV306 **VIRTUAL TERMINAL POOL
cccccccc IS NOT DEFINED TO
VTAM**

Explanation

No match was found in VTAM's configuration tables for the VTM1 virtual terminal pool ccccccc.

System action

The session terminates.

User response

Verify that the VTM1 application major node is properly defined in SYS1.VTAMLST, and active.

OBV307 **VIRTUAL TERMINAL POOL
cccccccc DEFINITION ERROR**

Explanation

cccccccc is not a valid APPL entry.

System action

The session terminates.

User response

Correct the entry and retry.

OBV308 **NO APPL AVAILABLE IN VIRTUAL
TERMINAL POOL ccccccc**

Explanation

All ccccccc virtual terminals are currently in use.

System action

The session terminates.

User response

Retry later.

OBV309 **VIRTUAL TERMINAL POOL
cccccccc IS NOT ACTIVE TO VTAM**

Explanation

VTAM cannot access the specified virtual terminal pool.

System action

The session terminates.

User response

Activate the VTM1 application major mode.

**OBV310 SESSION REQUEST FAILED -
 ERROR cccc DETECTED**

Explanation

REQSESS failed to complete successfully, due to error condition cccc.

System action

The session terminates.

User response

Contact IBM Software Support.

**OBV311 SESSION REQUEST FAILED -
 OBVTAM APPL ccccccc NOT
 AVAILABLE**

Explanation

The KOBVTAM appl ccccccc is not active, or is terminating.

System action

The session terminates.

User response

Be sure that the KOBVTAM appl is active, and retry.

**OBV312 SESSION REQUEST REJECTED -
 VTAM REASON CODE xxxx yyyy**

Explanation

The session request initiated by VTM1 was rejected by VTAM. The reason code is described as follows: xxxx is the VTAM Request Parameter List return code/ feedback information, and yyyy is the SNA System Sense information associated with the request.

System action

VTM1 session request terminates.

User response

Refer the VTAM reason code information to your network support group or contact IBM Software Support.

**OBV313 SESSION REJECTED - OBVTAM
 APPL ccccccc AT MAX USERS**

Explanation

The session request initiated by VTM1 was rejected by KOBVTAM APPL ccccccc because KOBVTAM reached its active session limit. The limit was established with the UMAX parameter when KOBVTAM was started.

System action

VTM1 session request terminates.

User response

Try starting another session at a later time, or increase the value of the KOBVTAM start-up parameter UMAX.

**OBV314 SESSION REJECTED FAILED -
 LOGMODE ccccccc IS INVALID**

Explanation

The session request initiated by VTM1 failed because VTAM rejected the logmode name ccccccc as invalid.

System action

VTM1 session request is terminated.

User response

Verify the logmode name definitions in KOBVTPL. If they are correct, it may be necessary to update VTAM's logmode tables.

**OBV315 VTM1 SLU(sluname)
 MATCH(match#) BLOCK SENT**

Explanation

VTM1 full-duplex communications has sent a block for the specified match on the session for the specified SLU. This message is output only if the TRACE keyword is specified on the LOGON command.

System action

Processing continues.

User response

None. The message is informational.

OBV316 **VTM1 SLU(*sluname*)
MATCH(*match#*) BLOCK RECEIVED
OR BLOCK QUEUED**

Explanation

VTM1 full-duplex communications has either received or queued a block for the specified match on the session for the specified SLU. This message is output only if the TRACE keyword is specified on the LOGON command.

System action

Processing continues.

User response

None. The message is informational.

OBV317 **SLU(*sluname*) MATCH(*match#*)
PLU(*pluname*) LENGTH(*block
length*) SEQ(*block seq#*)**

Explanation

VTM1 full-duplex communications has sent or received a block for the specified match on the session for the specified SLU. Block length and sequence number are given. This message accompanies either message OBV315 or OBV316. This message is output only if the TRACE keyword is specified on the LOGON command.

System action

Processing continues.

User response

None. The message is informational.

OBV318 **VTM1 FDX RECEIVE PROCESS
STARTED FOR *luname***

Explanation

VTM1 full-duplex communications has started receiving from its session partner on the session for the specified SLU. This message is output only if the TRACE keyword is included on the LOGON command.

System action

Processing continues.

User response

None. The message is informational.

OBV319 **SESSION ENDED. LU(*luname*)
REASON(*text*)**

Explanation

A VTM1 full-duplex communications session has ended for the specified reason.

System action

The session terminates, and VTM1 cleans up associated session resources.

User response

The following table lists each reason text and describes the response which should be taken:

Reason	Description and User Response
LOGOFF COMMAND ISSUED	The logoff command was issued to intentionally terminate the session.
UNBIND RECEIVED	The session partner has terminated the session. Inspect the job log of the partner component for messages explaining the reason for the session termination.
COMMUNICATIONS ERROR	Inspect the message log for message OBV322, which documents the cause of the communications error.
INVALID SEQUENCE NUMBER	The session partner has transmitted an invalid sequence number. Contact IBM Software Support.
RPL CREATION ERROR	VTAM was unable to generate an RPL control block. Contact IBM Software Support.
RECEIVE QUEUE CLOSED	The session has terminated. Determine why the session has terminated before expected data block(s) from the session partner were received.

Reason	Description and User Response
SEND QUEUE CLOSED	Session termination is in progress so no data blocks can be dequeued from the outbound send queue for the session. If the session has terminated prematurely inspect the log for further messages documenting the reason for the session termination.
UNKNOWN ERROR	Contact IBM Software Support. The associated return code is unknown.

OBV320 **VTM1 SLU(*sluname*)
MATCH(*match#*) SEND BLOCK
DEQUEUED.**

Explanation

VTM1 full-duplex communications has dequeued a block from the outbound send queue to send it to the partner PLU for the session with the specified SLU. This message is output only if the TRACE keyword is specified on the LOGON command.

System action

Processing continues.

User response

None. The message is informational.

OBV321 **SLU(*sluname*) MATCH(*match#*)
LENGTH(*block length*) SEQ(*block
seq#*)**

Explanation

This message gives detailed information on the block associated with message OBV320, including block length and sequence number. This message is output

OM messages

The messages that begin with the OM prefix are associated with the OMEGAMON Base component.

OM0904 **OMSR24 OPEN FUNCTION
REQUEST PARAMETER ERROR**

Explanation

An attempt to open the specified LPAM data set failed.

only if the TRACE keyword is specified on the LOGON command.

System action

Processing continues.

User response

None. The message is informational.

OBV322 **VTAM ERROR, LU(*luname*)
REQ(*request*) RCFB(*rrff*)**

Explanation

VTM1 has encountered an error on a VTAM request. The request name (such as send or receive) and RPL return code and feedback information are returned.

System action

The session is terminated.

User response

Look up the return code and feedback information then correct the problem, given the cause of the communications error.

OBV323 **VTAM ERROR, LU(*luname*)
SSENSE(*request*)**

Explanation

This message accompanies message OBV322 and documents the system sense for the VTAM request error described in that message.

System action

The session is terminated.

User response

Look up the sense code and correct the problem, given the cause of the communications error.

System action

The command terminates.

User response

Check the spelling and existence of the data set. Make sure you are authorized to open the data set.

OM0905 **INTERNAL ERROR DURING
INITIALIZATION**

Explanation

The security work area could not be found during OMEGAMON initialization.

System action

OMEGAMON does not start.

User response

Call IBM Software Support.

OM20001 **OM2INIT HAS BEEN ENTERED**

Explanation

Informational message concerning the progress of initialization.

System action

None.

User response

None.

OM20002 **OM2CVT ADDRESS = hhhhhhhh**

Explanation

Informational message displaying the address of the communications vector table.

System action

None.

User response

None.

OM20003 **MODULE FAILED LOAD *modname***

Explanation

During initialization, a number of functions must be loaded into storage. The message indicates that the module *modname* was not loaded into storage.

System action

OMEGAMON II for MVS cannot proceed without all functions available; therefore, the initialization is canceled.

User response

This is probably an installation problem. Review the installation process for errors.

OM20004 **KM2RULE MODULE FAILED RC = *rc***

Explanation

The rules database must be loaded into storage during installation. The message indicates that the function responsible for KM2RULE failed and gave a return code of *rc*.

System action

OMEGAMON II for MVS cannot proceed without all data available; therefore, the initialization is canceled.

User response

This is probably an installation problem. Review the installation process for errors.

OM20005 **RULES TABLE ADDR = hhhhhhhh**

Explanation

Informational message indicating the address of the rules table.

System action

None.

User response

None.

OM20006 **GLOBAL DATA ARRAY ADDR =
hhhhhhhh**

Explanation

Informational message indicating the address of the global data area.

System action

None.

User response

None.

OM20007 **RULE DEFINED TO OM2ROUTER,**
ADDR= hhhhhhhh NAME=
rulename

Explanation

Informational message indicating the storage address that has been assigned to a rule.

System action

None.

User response

None.

OM20008 **OM2_DEFINE FAILED, RC= rcADDR**
RULE= hhhhhhhh

Explanation

The rule at address *hhhhhhh* could not be defined, and the error return code was *rc*.

System action

The initialization has been canceled due to insufficient data.

User response

This is probably an installation problem. Review the installation process for errors.

OM20009 **OM2INIT COMPLETE**

Explanation

Informational message concerning the progress of initialization.

System action

None.

User response

None.

OM20010 **OM2OPEN HAS BEEN ENTERED**

Explanation

Informational message concerning the progress of initialization.

System action

None.

User response

None.

OM20011 **OM2SCVT ADDR = hhhhhhhh**

Explanation

Informational message indicating the address of the secondary communications vector table.

System action

None.

User response

None.

OM20012 **VTAM FAILURE SENSE CODE= xxx**

Explanation

OMEGAMON II for MVS needs to log onto the realtime collector. The message indicates that the connection was not successful. VTAM provides a sense code which can help diagnose the problem.

System action

The session ends.

User response

This is most often a setup problem. Check to make sure that the realtime collector is running and that the VTAM controls are properly activated. The sense code '100A0000' indicates that the VTAM name of the collector (luname) is missing or inactive.

Note: See message KLVVT251 for complete return code information.

Refer to the *IBM Systems Network Architecture Format and Protocol Reference Manual* for further information.

OM20013 **OM2OPEN HAS COMPLETED**

Explanation

Informational message concerning the progress of initialization.

System action

None.

User response

None.

OM20016 OM2CLOSE HAS BEEN ENTERED

Explanation

Informational message concerning the progress of initialization.

System action

None.

User response

None.

**OM20017 SESSION NO LONGER ACTIVE
WITH *luname***

Explanation

The user is logging off the session. The connection to the real time collector must also be closed. *luname* is the VTAM application name of the realtime collector.

System action

None.

User response

None.

OM20018 OM2CLOSE HAS COMPLETED

Explanation

Informational message concerning the progress of initialization.

System action

None.

User response

None.

OM22001 M2SESS HAS BEEN ENTERED

Explanation

Informational message concerning the progress of initialization. Module M2sess routine has been entered.

System action

None.

User response

None.

OM22002 NOW USING PROFILE *pp*

Explanation

This is an informational message indicating that the user requested an alternate collector profile using the Signon Panel logon options (F11).

System action

None.

User response

Check to make sure that the correct profile is being used.

**OM22003 COLLECTOR SESSION
ESTABLISHMENT FAILURE**

Explanation

M2SESS attempted to connect to each of the three lunames specified in *rhilev.RKANPARU(KM2IPARM)*. None were successful.

System action

The attempt to logon to the realtime collector has ended. After the error message is displayed, the user is terminated.

User response

Determine if the *rhilev.RKANPARU(KM2IPARM)* lunames are spelled correctly. If so, determine if the required applications have been started and the application names have been varied active.

OM22004 PURGE EXIT CREATION FAILURE

Explanation

M2SESS failed to establish a purge exit to keep track of cases when the terminal is lost.

System action

The attempt to logon to the realtime collector has ended. After the error message is displayed, the user is terminated.

User response

This is an internal error. Notify IBM Software Support.

OM22005 PURGE EXIT CREATED FOR PHYSICAL DEVICE

Explanation

This is an informational message indicating that M2SESS successfully established a purge exit to keep track of cases when the terminal is lost.

System action

None.

User response

None.

OM22006 OMEGAMON COPYRIGHT SCREEN RECEIVE FAILURE

Explanation

M2SESS failed to read the first screen (a copyright notice).

System action

The attempt to logon to the realtime collector has ended. After the error message is displayed, the user is terminated.

User response

Check to see if your VTAM parameters have been set up correctly.

OM22007 LOGON SCREEN SEND FAILURE

Explanation

M2SESS attempted to send the logon commands to the realtime collector. The send did not complete successfully.

System action

The attempt to logon to the realtime collector has ended. After the error message is displayed, the user is terminated.

User response

Check to see if your VTAM parameters have been set up correctly.

OM22008 LOGON SCREEN RECEIVE FAILURE

Explanation

M2SESS attempted to read a realtime collector screen. The receive did not complete successfully.

System action

The attempt to logon to the realtime collector has ended. After the error message is displayed, the user is terminated.

User response

Check to see if your VTAM parameters have been set up correctly.

OM22009 OMEGAMON REJECTED USERS LOGON ATTEMPT

Explanation

M2SESS attempted to understand a realtime collector screen.

System action

The attempt to logon to the realtime collector has ended. After the error message is displayed, the user is terminated.

User response

Check that *rhilev*.RKANPARU(KM2IPARM) specifies a correct realtime collector. If not, it may be a communications error. Additionally, the failure may be due to insufficient authority to logon OMEGAMON; check with your security administrator. Also, check the RKLVSNA data set for additional diagnostic information.

OM22010 COLLECTOR PROFILE(pp) REQUESTED(qq)

Explanation

M2SESS determined that the realtime collector profile is different from the one requested.

System action

The attempt to logon is continued.

User response

Check that DATA=YES is specified for the realtime collector. DATA=NO would cause the requested profile to be ignored. Check also if the profile exists in the real time collector profile libraries.

OM22013 LOG SEND FAILURE**Explanation**

M2SESS attempted to send the LOG command to the realtime collector, to turn on screen logging. The send did not complete successfully.

System action

The attempt to logon to the realtime collector has ended. After the error message is displayed, the user is terminated.

User response

Check to see if your VTAM parameters have been set up correctly.

OM22014 LOG RECEIVE FAILURE**Explanation**

M2SESS attempted to receive the screen following the LOG command. The receive did not complete successfully.

System action

The attempt to logon to the realtime collector has ended. After the error message is displayed, the user is terminated.

User response

Check to see if your VTAM parameters have been set up correctly.

OM22015 COMMAND SEND FAILURE**Explanation**

M2SESS attempted to send a command to the realtime collector. The send did not complete successfully.

System action

The attempt to logon to the realtime collector has ended. After the error message is displayed, the user is terminated.

User response

Check to see if your VTAM parameters have been set up correctly.

OM22016 COMMAND RECEIVE FAILURE**Explanation**

M2SESS attempted to read the screen following a command to the realtime collector. The receive did not complete successfully.

System action

The attempt to logon to the realtime collector has ended. After the error message is displayed, the user is terminated.

User response

Check to see if your VTAM parameters have been set up correctly.

**OM22017 SESSION ESTABLISHED WITH
luname FOR USER userid****Explanation**

Informational message concerning progress of the initialization. *luname* is the realtime collector luname and *userid* is the userid which has been used to logon to the realtime collector.

System action

None.

User response

None.

OM22018 M2SESS ROUTINE COMPLETE**Explanation**

The connection between OMEGAMON for MVS and OMEGAMON II for MVS has completed.

System action

None.

User response

None.

**OM22019 M2SESS: LROWS(XXXX) INVALID;
SESSION TERMINATED****Explanation**

M2SESS determined that the LROWS parameter was invalid.

System action

The attempt to logon to the realtime collector has ended. After the error message is displayed, the user is terminated.

User response

Correct the LROWS value in *rhilev.RKANPARU(KM2IPARM)*.

OM22020 **M2SESS: LROWS(XX) IS TOO SMALL AND MINIMUM IS 99; SESSION TERMINATED**

Explanation

M2SESS determined that the LROWS parameter was invalid.

System action

The attempt to logon to the realtime collector has ended. After the error message is displayed, the user is terminated.

User response

Correct the LROWS value in *rhilev.RKANPARU(KM2IPARM)*.

OM22021 **OMEGAMON COPYRIGHT SCREEN TOO SMALL, DATA(XXXX)**

Explanation

The expected OMEGAMON copyright screen was not received.

System action

The attempt to logon to the realtime collector has ended. After the error message is displayed, the user is terminated.

User response

Check to see if your VTAM parameters have been set up correctly.

OM22022 **LOGMODE xxxxxxxx INVALID. MUST NOT BE QUERABLE.**

Explanation

The expected OMEGAMON copyright screen was not received.

System action

The attempt to logon to the realtime collector has ended. After the error message is displayed, the user is terminated.

User response

The LOGMODE for the terminal being used must not be queriable.

OM22023 **LOGON FAILED, OM SECURITY NOT INSTALLED**

Explanation

The logon to OMEGAMON failed.

System action

The attempt to logon to the realtime collector has ended. After the error message is displayed, the user is terminated.

User response

Refer to the *OMEGAMON II for MVS Configuration Guide* for how to install command level security.

OM22024 **LOGON TO OMEGAMON FAILED; SEE RKLVS NAP**

Explanation

The logon to OMEGAMON failed.

System action

The attempt to logon to the realtime collector has ended. After the error message is displayed, the user is terminated.

User response

Check the RKLVS NAP data set for diagnostic information.

OM22030 **SUBTASK COLLECTOR SESSION ESTABLISHMENT FAILURE**

Explanation

The attempt to establish a session with the OMEGAMON subtask realtime collector failed.

System action

The user is terminated.

User response

Call IBM Software Support and have the RKLVLLOG messages available.

OM22031 **SESSION ESTABLISHED WITH
OMEGAMONSUBTASK FOR USER
*userid***

Explanation

Informational message concerning progress of the initialization. *userid* is the userid which has been used to logon to the realtime collector.

System action

None.

User response

None.

OM22032 **OMEGAMON SUBTASK
TERMINATED FOR USER *userid***

Explanation

Informational message indicating that the connection between OMEGAMON and OMEGAMON II has been terminated for *userid*.

System action

None.

User response

None.

OM22033 **\$OMON START RETURNED RC=*nn*,
R0=*nn***

Explanation

A session with the OMEGAMONSUBTASK could not be started.

System action

The user is terminated.

User response

Call IBM Software Support and have the RKLVLLOG messages available.

OM22034 **\$OMON RCV RETURNED RC=*nn***

Explanation

A receive from the OMEGAMON SUBTASK failed.

System action

User session is terminated.

User response

This is an internal error. Notify IBM Software Support.

OM22035 **\$OMON SEND RETURNED RC=*nn***

Explanation

A send to the OMEGAMON SUBTASK failed.

System action

User session is terminated.

User response

This is an internal error. Notify IBM Software Support.

OM22036 **WARNING - PUTVAR FOR
KM2DEHDL RETURNED RC=*nn***

Explanation

The user's session identification for the OMEGAMON SUBTASK could not be saved.

System action

User session is terminated.

User response

This is an internal error. Notify IBM Software Support.

OM22037 **SESSION TERMINATED WITH
applid FOR USER *userid***

Explanation

Informational message indicating that the connection between OMEGAMON and OMEGAMON II has been terminated for *userid*.

System action

None.

User response

None.

OM7104 **WPF NOT ACTIVE; REQUEST
IGNORED**

Explanation

WPF STOP was issued, but WPF was not active.

System action

WPF STOP request is ignored.

User response

None.

OM7120 **INVALID KEYWORD SPECIFIED:
cccccccc**

Explanation

Invalid keyword ccccccc was specified on the WPF command.

System action

The WPF command is ignored.

User response

Correct the error and reissue the WPF command.

OM7121 **WPF IS ACTIVE; START OPERAND
INVALID**

Explanation

WPF START was issued, but WPF was already active or initializing.

System action

WPF START request is ignored.

User response

None.

OM7122 **DEFAULT RKM2PRDS NOT
FOUND, SPECIFY THE RKM2PRDS
KEYWORD**

Explanation

The name of the EPILOG Profile data store was not found in the user profile, and WPF START was issued without specifying the RKM2PRDS or DSN operand.

System action

WPF START request is ignored.

User response

Use the RKM2PRDS operand to specify the data set name of the EPILOG Profile data store on the WPF START command.

OM7123 **RKM2PRDS NAME MISSING**

Explanation

The RKM2PRDS or DSN operand was specified, but the name of the EPILOG profile data store was omitted.

System action

The WPF command is ignored.

User response

Include the name of the data set following the RKM2PRDS or DSN operand and reissue the WPF command.

OM7124 **PROFILE COLLECTOR ATTACH
FAILED WITH RC=*nn***

Explanation

The ATTACH for the WPF profile collector failed with return code *nn*.

System action

WPF initialization is terminated.

User response

Attempt to determine and correct the error associated with return code *nn* as documented by the ATTACH System Macro Service, and restart WPF. If the error persists, call IBM Software Support.

OM7125 **PROFILE COLLECTOR LOAD
FAILED WITH RC=*nn***

Explanation

The LOAD for the WPF profile collector failed with return code *nn*.

System action

WPF initialization is terminated.

User response

Attempt to determine and correct the error associated with return code *nn* as documented by the LOAD System Macro Service, and restart WPF. If the error persists, call IBM Software Support.

OM7126 **XLONG OR XSHORT KEYWORD NO LONGER VALID; IGNORED**

Explanation

The XLONG or XSHORT keyword was specified on the WPF command. These keywords are no longer valid for WPF.

System action

The specified keyword is ignored.

User response

None.

OM7130 **INITIALIZATION GETMAIN FAILED WITH RC=*nn***

Explanation

The GETMAIN for WPF work areas failed with return code *nn*.

System action

WPF initialization is terminated.

User response

Attempt to determine and correct the error associated with return code *nn* as documented by the GETMAIN System Macro Service, and restart WPF. If the error persists, call IBM Software Support.

OM7150 **WPF RKM2PRDS READ ERROR, RPL code=*nn***

Explanation

An error occurred reading the EPILOG Profile data store. The RPL error code is *nn*.

System action

WPF is terminated.

User response

Correct the VSAM read error associated with RPL code *nn*. Make sure you have used the EPILOG PROFILE command to create the profiles for selected

workloads. Then restart WPF. If the error persists, call IBM Software Support.

OM7151 **WPF TIMER TASK ABENDED**

Explanation

The WPF timer subtask has terminated abnormally.

System action

WPF is terminated.

User response

Restart WPF. If the error persists, call IBM Software Support.

OM7152 **WPF PROFILE COLLECTOR PROTOCOL ERROR**

Explanation

There is a WPF internal error in the profile collector.

System action

WPF is terminated.

User response

Restart WPF. If the error persists, call IBM Software Support.

OM7153 **WPF PROFILE COLLECTOR GETMAIN FAILED WITH RC=*nn***

Explanation

The GETMAIN for WPF work areas in the profile collector failed with return code *nn*.

System action

WPF is terminated.

User response

Attempt to determine and correct the error associated with return code *nn* as documented by the GETMAIN System Macro Service, and restart WPF. If the error persists, call IBM Software Support.

OM7154 **WPF TIMER TASK ATTACH FAILED WITH RC=*nn***

Explanation

The ATTACH for the timer task in the profile collector failed with return code *nn*.

System action

WPF is terminated.

User response

Attempt to determine and correct the error associated with return code *nn* as documented by the ATTACH System Macro Service, and restart WPF. If the error persists, call IBM Software Support.

OM7155 **WPF UNABLE TO VALIDATE
EPILOG INSTALLATION**

Explanation

EPILOG routines required for WPF are not available.

System action

The WPF profile collector is terminated.

User response

If EPILOG is installed on your system, make sure that the data set name for the EPILOG load library has been correctly specified on the STEPLIB or JOBLIB statements of the OMEGAMON-invoking JCL. Either the data set specified may be available only to a different CPU, the user may not have security access to it, or the data set may not be cataloged. Correct the situation and restart WPF. If EPILOG is not installed on your system, call IBM Software Support.

OM7156 **WPF PROFILE COLLECTOR ESTAE
FAILED WITH RC=*nn***

Explanation

The ESTAE in the profile collector failed with return code *nn*.

System action

WPF is terminated.

User response

Attempt to determine and correct the error associated with return code *nn* as documented by the ESTAE System Macro Service, and restart WPF. If the error persists, call IBM Software Support.

OM7157 **WPF RKM2PRDS ALLOCATION
FAILED, SVC 99 *xxxx* ERROR=*xxxx*
INFO=*xxxx***

Explanation

The dynamic allocation request for the EPILOG Profile data store failed with error code *xxxx* and information code *xxxx*.

System action

WPF is terminated.

User response

Attempt to determine and correct the error associated with the ERROR and INFO codes as documented by the Dynamic Allocation(SVC 99) System Service, and restart WPF. If the error persists, call IBM Software Support.

OM7158 **WPF RKM2PRDS GENCB FAILED
WITH RC=*nn***

Explanation

GENCB failure in the profile collector. The GENCB return code is *nn*.

System action

WPF is terminated.

User response

Attempt to determine and correct the error associated with return code *nn* of the VSAM GENCB Macro Service, and restart WPF. If the error persists, call IBM Software Support.

OM7159 **WPF RKM2PRDS OPEN FAILED
WITH ACB ERROR=*nn***

Explanation

The OPEN for the EPILOG Profile data store failed with return code *nn*.

System action

WPF is terminated.

User response

Attempt to determine and correct the error associated with ACB ERROR code *nn* of the VSAM OPEN Macro Service, and restart WPF. If the error persists, call IBM Software Support.

OM7160 **WPF INVALID RKM2PRDS KEY
LENGTH**

Explanation

A key length error occurred attempting to read the Profile data store.

System action

WPF is terminated.

User response

Restart WPF. If the error persists, call IBM Software Support.

OM7161	WPF VSAM LOGICAL ERROR, RPL CODE=<i>nn</i>
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Explanation

A VSAM logical error occurred while attempting to read the EPILOG Profile data store. The error code from the VSAM RPL is *nn*.

System action

WPF is terminated.

User response

Attempt to determine and correct the VSAM read error associated with RPL code *nn*, and restart WPF. If the error persists, call IBM Software Support.

OM7162	WPF RKM2PRDS CLOSE FAILED WITH RC=<i>nn</i>
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Explanation

The CLOSE for the EPILOG Profile data store failed with return code *nn*.

System action

WPF is terminated, however, the Profile data store may still be open.

User response

If the Profile data store is still open, a VERIFY operation may be required to CLOSE it.

OM7163	WPF REQUIRES EPILOG V<i>nnn</i> OR LATER, V<i>xxx</i> FOUND
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Explanation

WPF requires EPILOG Version *nnn*, or a later version for successful operation, but V*xxx* was found.

System action

The WPF profile collector is terminated.

User response

Make sure that the EPILOG Version *nnn* load library, or a later version of EPILOG, is available to OMEGAMON and restart WPF.

OM7164	WPF PROFILE COLLECTOR STCK FAILED WITH RC=<i>nn</i>
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Explanation

A store clock operation failed in WPF profile collector.

System action

WPF is terminated.

User response

Attempt to determine and correct the error associated with condition code *nn* of the STCK instruction as documented in the IBM *Principles of Operation*, and restart WPF. If the error persists, call IBM Software Support.

OM7165	WPF PROFILE COLLECTOR ABENDED
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Explanation

The WPF profile collector has abended.

System action

WPF is terminated. The abend code, PSW, and general registers at the time of the abend are printed following the message text.

User response

Restart WPF. If the problem persists, call IBM Software Support.

OM7167	WPF USER IS NOT AUTHORIZED TO READ THE RKM2PRDS
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Explanation

The address space in which OMEGAMON is executing is not authorized to read the EPILOG Profile data store.

System action

The WPF profile collector is terminated.

User response

Give the WPF user authorization to read the Profile data store and restart WPF.

OM7168 **WPF RKM2PRDS PROCESSING ERROR**

Explanation

An undeterminable error occurred attempting to read the EPILOG Profile data store.

System action

The WPF profile collector is terminated.

User response

Restart WPF. If the problem persists, call IBM Software Support.

OM7180 **WPF WORKLOAD PROFILE ENTRY NOT FOUND**

Explanation

A DWPF or JWPF was issued for a specific profile entry, but that profile entry could not be found.

System action

None.

User response

Specify the correct profile identifier via the JOB, STC, PGN, or PGP operands and reissue the command. If the DWPF or JWPF commands are specified without any operands, they will display a full list of all profile entries.

OM7181 **WPF INVALID JOB OR STC NAME SPECIFIED**

Explanation

An invalid jobname or started task name was specified with the JOB or STC operand of a DWPF or JWPF command. The jobname or started task name must not exceed eight characters in length, and it must contain those characters defined as acceptable by system JCL syntax.

System action

None.

User response

Specify the jobname or started task name and reissue the command.

OM7182 **WPF INVALID PERFORMANCE GROUP OR PERIOD NUMBER SPECIFIED**

Explanation

An invalid performance group or period was specified with the PGN or PGP operand of a DWPF command. The performance group must be numeric, between 1 and 999. The period must be numeric, between 1 and 9.

System action

None.

User response

Specify the correct performance group and/or period number and reissue the command.

OM7183 **WPF PARAMETER ERROR; PGN REQUIRED WITH PGP**

Explanation

The performance group number must be specified with the period number. The PGP operand was specified without the PGN operand on a DWPF request.

System action

None.

User response

Specify the correct performance group using the PGN operand, and reissue the command.

OM7184 **WPF CONFLICTING PARAMETERS SPECIFIED**

Explanation

Mutually exclusive operands have been specified on a DWPF command. PGN or PGP operands cannot be specified along with JOB or STC.

System action

None.

User response

Specify the correct operands and reissue the command.

OM7185 PGN OR PGP INVALID FOR JWPF

Explanation

The PGN and/or PGP operands have been specified on a JWPF command. PGN or PGP operands are valid only for DWPF.

System action

None.

User response

Specify the correct operands and reissue the command.

OM7198 WPF INVALID PARMLIST PASSED TO PROFILE GET

Explanation

An error occurred attempting to obtain a profile entry on a DWPF or JWPF command.

System action

None.

User response

Make sure that the operands for the DWPF or JWPF command have been specified correctly and reissue the command if necessary. If this does not rectify the error, then STOP and restart WPF. If the error still persists then call IBM Software Support.

OM7199 WPF INVALID RETURN CODE FROM PROFILE GET, RC=xxxxxxx

Explanation

An error occurred while attempting to obtain a profile entry on a DWPF or JWPF command. The return code from the profile get routine is xxxxxxx.

System action

None.

User response

Make sure that the operands for the DWPF or JWPF command have been specified correctly and reissue the command if necessary. If this does not rectify the

error, then STOP and restart WPF. If the error still persists then call IBM Software Support.

OM8100 VOLUME NOT FOUND

Explanation

The volume you specified was not found on this system.

System action

Command execution terminates.

User response

Specify a volume attached to this system.

OM8101 DATA SET IS NOT CATALOGED

Explanation

The data set you specified was not found in the system catalog.

System action

Command execution terminates.

User response

Catalog the data set or specify a data set that is cataloged.

OM8102 DATA SET IS NOT ON VOLUME

Explanation

The data set that you requested was not found on the volume specified.

System action

Command execution terminates.

User response

Specify the volume that the data set resides on.

OM8103 VOLUME NOT ON SYSTEM (FROM SVOL COMMAND)

Explanation

The volume you specified was not found on this system.

System action

Command execution terminates.

User response

Specify a volume attached to this system.

OM8104 **VOLUME IS NOT MOUNTED (FROM SVOL COMMAND)**

Explanation

The volume you specified was not mounted on this system.

System action

Command execution terminates.

User response

Specify a volume attached to this system.

OM8112 **DEVICE INVALID OR OFFLINE**

Explanation

The specified device either was not found in the UCB lookup table, or was found to be marked offline.

System action

Command execution terminates.

User response

Specify a valid volume or vary volume online.

OM8113 **WARNING; cccc FAILED VALIDITY CHECK**

Explanation

The specified control block (ASCB, TCB, DSAB, JFCB, or JFCX) failed validation in the SRB routine for FNDU.

System action

FNDU does not collect data set information for the address space which has failed validation.

User response

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OM8115 **WARNING INVALID RETURN CODE - cc = xx (FROM PEEK, FNDU COMMANDS)**

Explanation

The SRB to collect data failed to complete its task and returned an invalid return code to the user.

System action

Command execution terminates.

User response

Call IBM Software Support to report a possible problem.

OM8116 **WARNING SQA WORKAREA AT ADDR=xxxx SIZE=yyyy DANGER INSUFFICIENT SQA - COMMAND ABORTED WARNING (from PEEK, FNDU commands)**

Explanation

The SRB to collect data failed to complete its task due to a SQA shortage.

System action

None.

User response

Call IBM Software Support to report a possible problem.

OM8120 **CHANNEL SET NOT VALID**

Explanation

An attempt was made to find the channel set in the CST but it was not found.

System action

None.

User response

Specify a valid channel set.

OM8121 **CHANNEL SET NOT DEFINED (FROM DEV COMMAND)**

Explanation

The channel set you entered is not defined to the system.

System action

None.

User response

Specify a channel set defined to this system.

OM8122 **PARTE NOT IN USE**

Explanation

You attempted to display a PARTE that is not currently in use.

System action

Command execution terminates.

User response

Specify a PARTE that is in use.

OM8123 **RMF NOT ACTIVE**

Explanation

The command requires the Resource Management Facility (RMF) or a specific RMF report to be active.

System action

Command execution terminates.

User response

Modify RMF to add the required report for collection or start RMF.

OM8124 **CPU NOT DEFINED**

Explanation

You attempted to list channel sets from a CPU that is not currently available.

System action

Command execution terminates.

User response

Select a CPU that is currently available.

OM8125 **COMMAND NOT AVAILABLE IN GOAL MODE**

Explanation

You attempted to execute a command that is not valid in goal mode.

System action

Command execution terminates.

User response

Try a different command, or switch to compatibility mode.

OM8126 **IWMRCOLL FAILED, CODE=nn**

Explanation

Indicates a failure in an z/OS service which provides information for some of the commands.

System action

Command execution terminates.

User response

Contact IBM Software Support.

OM8127 **CONTROL BLOCK DOES NOT EXIST IN SP5 OR HIGHER SYSTEMS**

Explanation

The control block being accessed does not exist in MVS/SP 5.1 or above.

System action

Command execution terminates.

User response

Try running a different version of z/OS.

OM8128 **DMDT DOES NOT EXIST IN SP5 OR HIGHER SYSTEMS IN WLM GOAL MODE**

Explanation

The DMDT, the Domain Descriptor Table, does not exist in MVS/SP 5.1 or higher levels of z/OS running in Workload Manager goal mode. The domain construct has no meaning in goal mode.

System action

Command execution terminates.

User response

Try using an MVS/SP 5.1 or above goal mode compatible command.

OM8130 WARNING NO GRS VECTOR TABLE**Explanation**

In processing the GRS command the address of the GRS Vector Table was not found.

System action

Command execution terminates.

User response

Activate GRS before you issue the GRS command.

**OM8140 TSO NOT AVAILABLE IN *xxxx*
MODE****Explanation**

The TSO command is not available in this mode, where *xxxx* indicates the mode.

System action

Command execution terminates.

User response

Issue TSO command in TS or LS modes only.

OM8141 STAX FAILED; RC=*nn***Explanation**

A STAX SVC was unsuccessful. *nn* is the STAX SVC return code.

System action

Command execution terminates.

User response

Reissue the command. If the problem persists, call IBM Software Support.

OM8142 IKJSCAN FAILED; RC=*nn***Explanation**

A non-zero return code was issued by the IKJSCAN routine, where *nn* is a two digit number.

System action

Command execution terminates.

User response

Reissue the command. If the problem persists, call IBM Software Support.

OM8143 ATTACH FAILED; RC=*nn***Explanation**

A non-zero return code was issued by the ATTACH SVC, where *nn* is a two digit number.

System action

Command execution terminates.

User response

Reissue command. If the problem persists, call IBM Software Support.

**OM8144 COMMAND *cccccccc* ENDED - NON-
ZERO RETURN CODE is *nn*****Explanation**

The command *cccccccc* ended with a four digit (*nnnn*) non-zero return code.

System action

Command execution terminates.

User response

Use the return code to diagnose the error. Correct and re-execute the TSO command.

**OM8145 TEST COMMAND NOT SUPPORTED
UNDER OMEGAMON****Explanation**

The OMEGAMON TSO command does not support the TEST command.

System action

Command execution terminates.

User response

Issue a command other than TEST.

OM8146 NO INFORMATION AVAILABLE**Explanation**

No second level message chain exists for ? command.

System action

Command execution terminates.

User response

Issue a command other than ?.

OM8147 **INVALID COMMAND NAME
SYNTAX**

Explanation

Invalid command syntax in TSO command.

System action

Command execution terminates.

User response

Correct and reissue command.

OM8148 **COMMAND ccccccc NOT FOUND**

Explanation

OMEGAMON cannot find command ccccccc.

System action

Command execution terminates.

User response

Correct and reissue the command.

OM8149 **COMMAND ccccccc ENDED DUE
TO ATTENTION**

Explanation

Command ccccccc ended due to depression of the ATTN/PA1 key.

System action

Command execution terminates.

User response

None.

OM8150 **COMMAND ccccccc ENDED DUE
TO ERROR - COMPLETION CODE IS
Snnnn|Unnnn**

Explanation

Command ccccccc ended abnormally with the System/User abend code displayed.

System action

Command execution terminates.

User response

Use the completion code to diagnose the error. Correct and re-execute the command.

OM8201 **NO SUCH ADDRESS SPACE
THRESHOLD GROUP DEFINED**

Explanation

You entered a command to list an address space threshold group that was not defined.

System action

Command execution terminates.

User response

Enter an address space threshold group that is coded in your profile or use the ASG command to add this address space threshold group to your profile.

OM8203 **NO CHANNEL AVAILABILITY
TABLE**

Explanation

No Channel Availability Table was found for the channel identifier entered.

System action

None.

User response

Correct and reissue command with a valid channel identifier.

OM8204 **WARNING-RUNNING xxx
OMEGAMON ON yyy SYSTEM TYPE
OK (AND HIT ENTER TO CONTINUE
OR C TO CANCEL)**

Explanation

OMEGAMON is built for xxx operating system and is running on yyy operating system. This causes functions and commands to fail.

System action

Startup continues if you enter OK.

User response

Install the *yyy* level of OMEGAMON and then restart OMEGAMON.

OM8210 **DATA SET NAME LENGTH
GREATER THAN 44 (FROM LOC
COMMAND)**

Explanation

The data set name that you entered was greater than 44 characters in length.

System action

Command execution terminates.

User response

Enter a valid data set name.

OM8211 **GQSCAN FAILURE, R/C = *nn***

Explanation

GQSCAN returned an invalid return code *nn*.

System action

Command execution terminates.

User response

Look for a description of the return code in the Supervisor SPL. If problem persists call IBM Software Support.

OM8212 **MAJOR ENQUEUE NAME LENGTH
ERROR (MAX = 8)**

Explanation

The major enqueue name that you entered was greater than eight characters in length.

System action

Command execution terminates.

User response

Enter a valid enqueue name.

OM8213 **MINOR ENQUEUE NAME LENGTH
ERROR (MAX = 44)**

Explanation

The minor enqueue name that you entered was greater than 44 characters in length.

System action

Command execution terminates.

User response

Enter a valid minor enqueue name.

OM8214 **INVALID GENERIC MINOR
ENQUEUE NAME REQUEST**

Explanation

You placed an * in a position other than the end of the enqueue name.

System action

Command execution terminates.

User response

Delete all characters to the right of the asterisk and retry the command.

OM8215 **INVALID HEX CHARACTER
STRING**

Explanation

You entered hex data that contained characters that are not hex.

System action

Command execution terminates.

User response

Correct the enqueue name and re-enter.

OM8216 **SYNTAX ERROR**

Explanation

An invalid hex entry was specified for the enqueue name.

System action

Command execution terminates.

User response

Correct the enqueue name and re-enter.

OM8217 ERROR GQSCAN ABEND S09A**Explanation**

GQSCAN encountered an unrecoverable error.

System action

Command execution terminates.

User response

Try function again. If problem persists call IBM Software Support.

**OM8218 ERROR GQSCAN RETURN CODE -
nn****Explanation**

GQSCAN returned an invalid return code *nn*.

System action

None.

User response

Look for a description of the return code in the Supervisor SPL. If problem persists call IBM Software Support.

OM8230 GREATER THAN MAX PERF GROUP**Explanation**

You requested a performance group that was greater than the highest performance group specified in the system.

System action

Command execution terminates.

User response

Enter a performance group that is valid for your system.

**OM8231 F IS INVALID WITH THIS
COMMAND****Explanation**

No fixed frames exist for the region being displayed.

System action

Command execution terminates.

User response

Correct and reissue the command without the F argument.

OM8240 STAT WORKAREA NOT AVAILABLE**Explanation**

An internal work table was invalidated.

System action

Command execution terminates.

User response

Ensure that RMF is still active in the system. If the problem persists call IBM Software Support.

**OM8241 RMF ROUTINE NOT ACTIVE (RC =
nn)****Explanation**

You entered a command which requires data from RMF and RMF is not running on this system.

System action

None.

User response

Start RMF and re-enter the command after RMF initializes.

OM8242 RMF NOT ACTIVE (RC = nn)**Explanation**

You entered a command which requires data from RMF and RMF is not running on this system.

System action

Command execution terminates.

User response

Start RMF and re-enter the command after RMF has initialized.

**OM8243 DEVICES NOT BEING MONITORED
BY RMF****Explanation**

The command requires RMF Device reporting of tape or DASD to be active and it is not.

System action

None.

User response

Modify RMF to add the required report option for collection.

OM8244 RMF NOT COLLECTING DATA FOR THIS DEVICE CLASS

Explanation

No RMF data is being collected for the device class selected.

System action

Command execution terminates.

User response

Correct and reissue the command specifying a different device class.

OM8245 INTERNAL ERROR (RC=nn)

Explanation

An OMEGAMON logic error was detected.

System action

Command execution terminates.

User response

Call IBM Software Support.

OM8246 CHANNEL PATH WORK AREA NOT AVAILABLE

Explanation

A channel path work area was not available.

System action

Command execution terminates.

User response

Reissue the command. If the problem persists, call IBM Software Support.

OM8247 RMF DEVICE STATISTICS NOT AVAILABLE (RC=nn)

Explanation

No RMF statistics are available for the device you selected.

System action

Command execution terminates.

User response

Correct and reissue the command specifying a different device.

OM8248 DATA NOT AVAILABLE FOR DEVICE (RC=nn)

Explanation

No data is available for the logical control unit you selected.

System action

Command execution terminates.

User response

Correct and reissue the command specifying a different LCU.

OM8260 MEMORY AT xxxxxx IS FETCH (STORE)-PROTECTED (FROM MZAP, MLST COMMANDS)

Explanation

The memory at xxxxxx cannot be fetched or stored into because it is fetch protected.

System action

No zap applied.

User response

Add the authorized character to override the protection.

OM8270 MODULE WAS NOT FOUND IN TSO AUTHORIZATION LIST

Explanation

The OMEGAMON program name was not found in the list of APF programs available to the TSO user.

System action

Command execution continues.

User response

Add OMEGAMON to the TSO authorization list and reassemble.

OM8271 **MODULE DID NOT COME FROM AN
APF LIBRARY**

Explanation

Module was loaded from a library that is not APF authorized or that lost APF authorization.

System action

Command execution continues.

User response

Ensure that STEPLIB references are APF authorized in all libraries.

OM8272 **MODULE WAS NOT FOUND
MARKED AC=1**

Explanation

Module was not link edited with AC=1 in the link edit PARM.

System action

Command execution continues.

User response

Relink module.

OM8273 **MODULE WAS FOUND IN THE
TCB/RB CHAIN**

Explanation

An unexpected module was found in the TCB/RB chain. This may be why OMEGAMON is not authorized.

System action

Command execution continues.

User response

See this product's *OMEGAMON II for MVS Configuration Guide* for ways to install OMEGAMON authorized.

OM8274 **ENTRY NOT FOUND IN THE APF
LIST**

Explanation

You requested to delete a data set from the APF list. The data set was not in the APF list.

System action

Command execution terminates.

User response

Retry the command with a data set that is in the APF LIST.

OM8275 **ENTRY ALREADY EXISTS IN THE
APF LIST**

Explanation

You attempted to add a data set to the APF list. The data set was already in the APF list.

System action

Command execution terminates.

User response

Retry the command with a data set that is not in the APF list.

OM8276 **GETMAIN FAILED FOR NEW APF
LIST**

Explanation

There was not enough SQA storage available to get an area for the new APF list.

System action

Command execution terminates.

User response

Call IBM Software Support if command repeatedly fails.

OM8277 **SYNTAX ERROR NEAR COLUMN
FLAGGED ABOVE**

Explanation

A syntax error was found in validating information about a library.

System action

Command execution terminates.

User response

Ensure proper specification of DSN and volser, then retry command.

OM8278 DATA SET NAME OR VOLUME SERIAL NOT SUPPLIED

Explanation

You did not enter the data set name and volume serial number required for the command.

System action

Command execution terminates.

User response

Ensure that you specify all required fields (DSN, VOL).

OM8279 NEW VOLUME SERIAL NOT SUPPLIED

Explanation

You attempted to catalog a volume serial number of a data set in the APF list. You did not supply a new volume serial number.

System action

Command execution terminates.

User response

Specify the NVOL operand with the new volume serial number.

OM8280 CONSOLE NOT FOUND

Explanation

The console specified could not be found in the system.

System action

None.

User response

Specify a valid console number.

OM8281 CSVAPF FAILED FOR DYNAMIC APF LIST, RC=nn REAS=mmmm

Explanation

The CSVAPF service returned a non-zero return code.

System action

The system terminates command execution.

User response

Refer to the IBM *Application Development Reference* manual for CSVAPF return codes and reason codes.

OM8283 SVC TABLE UPDATE ERROR - RC = nnnn

Explanation

An error occurred updating the SVC table. The return code nnnn is from the SVCUPDTE macro.

System action

LPAM adds the module, but the SVC table is not updated.

User response

Call IBM Software Support.

OM8284 INVALID LPAM MODIFY REQUEST - PROGRAM IS A TYPE 1, 2, OR 6 SVC

Explanation

You cannot use LPAM to process SVC type 1, 2, and 6 modules.

System action

Command execution terminates.

User response

See message OM8307.

OM8285 MODULE FOUND IN FIXED LPA, NOT DELETED

Explanation

You cannot delete a module that exists in the FLPA.

System action

Command execution terminates.

User response

Specify a module name that is not in the FLPA.

OM8286 MODULE NOT CURRENTLY IN MODIFIED LPA

Explanation

You attempted to delete a module that was not found in the MLPA.

System action

Command execution terminates.

User response

Specify a module that is in the MLPA.

OM8287 MODULE NOT FOUND IN THE LPA

Explanation

You attempted to list a module that is not in the LPA.

System action

Command execution terminates.

User response

Specify the name of a module that is currently in LPA.

OM8288 LPAM FAILED - MODULE ALREADY ON ACTIVE LPA QUEUE

Explanation

The LPAMM command is already on the active LPA queue. LPAMM cannot modify a module previously placed in this state.

System action

Command execution terminates.

User response

To modify the module again, first delete the entry using LPAMD and add the new module using LPAMM.

OM8289 MODULE NOT FOUND IN ccccccc

Explanation

A search of the directory of data set ccccccc was made but the module was not found.

System action

Command execution terminates.

User response

Ensure that the specified module exists in the data set specified.

OM8290 PROGRAM NAME NOT SUPPLIED - ENTER (PGM=)

Explanation

The LPAM command was issued without the required operand. You did not specify the required PGM keyword on the LPAMM or LPAMD command.

System action

Command execution terminates.

User response

Respecify the command with the program name that you wish to list.

OM8291 LOAD LIBRARY NAME NOT SUPPLIED - ENTER (DSN=)

Explanation

LPAMA and LPAMM require a library name to get the module from.

System action

Command execution terminates.

User response

Specify the data set name for the library that contains the module.

OM8292 LOAD LIBRARY ALLOCATION FAILURE - RC=nn ERROR=cc INFO=cc

Explanation

An attempt to allocate the specified library failed. RC=nn, ERROR=cc, and INFO=cc are the dynamic allocation return, error, and information reason codes.

System action

LPAM command execution terminates.

User response

Make sure that the data set name specified on the DSN parameter is correct and that the specified data set is accessible to the system on which the OMEGAMON session is executing.

OM8293 GLOBAL LOAD FAILED - ABEND CODE = xxx

Explanation

An attempt to load the LPAMLIB failed. xxx is the load return code.

System action

Command execution terminates.

User response

Refer to the IBM *Supervisor Services SPL* manual for load return codes.

OM8297 **JOBNAME ccccccc NOT FOUND**

Explanation

You attempted to cancel job ccccccc, which was not running on the system.

System action

Command execution terminates.

User response

Specify a currently active job.

OM8298 **ASID nnn REPRESENTS JOB
cccccccc**

Explanation

You attempted to cancel job ccccccc where the ASID nnn did not match the jobname specified.

System action

Command execution terminates.

User response

Verify that the jobname/ASID combination is correct.

OM8299 **CALLRTM FAILED - RC = nn**

Explanation

The RTM service returned a non-zero return code.

System action

Command execution terminates.

User response

Refer to the IBM *Supervisor Services SPL* manual for CALLRTM return codes.

OM8300 **NO ASCBCHAP ROUTINE**

Explanation

The address of the CHAP routine was not found in the CVT. In post SE1 systems this is a trivial problem since CHAP does not affect most address spaces. z/OS has lost its ability to address IEVEACO.

System action

Command execution terminates.

User response

If problem persists call IBM Software Support.

OM8305 **aaa/ccc - STORAGE UNAVAILABLE**

Explanation

The variable aaa/ccc can be one of the following:

CSA/MOD

CSA storage unavailable for module.

SQA/CDE

SQA storage unavailable to build CDEs.

SQA/SMF

SQA storage unavailable for SMF tables.

PVT/MOD

Private area storage unavailable for module.

PVT/DEL

Private area storage unavailable for DELETE list.
(Needed for internal processing of a DELETE request.)

System action

LPAM command terminates.

User response

If CSA or SQA was unavailable, retry the request at a time when more area is available. If the private area was unavailable, retry with OMEGAMON running in a larger region.

OM8306 **PRIMARY LOAD MODULE NOT
FOUND**

Explanation

You specified an alias name in the PGM= parameter and the primary load module was not found in the load library.

System action

Command execution terminates.

User response

Determine the cause of the problem. A possible solution would be to re-linkedit or re-copy the load module and all of its aliases and retry the command.

OM8307 **cccccccc REPLACES A TYPE 1, 2, or 6 SVC**

Explanation

You attempted to issue LPAM to replace a module that is a type 1, 2, or 6 SVC. LPAM does not support replacement of type 1, 2, or 6 SVCs.

System action

Command execution terminates.

User response

Refer to the IBM *SPL: System Generation Reference* for instructions to replace the SVC.

OM8308 **REQUEST TERMINATED DUE TO PREVIOUS ERRORS**

Explanation

Errors occurred during LPAM processing.

System action

Command execution terminates.

User response

See the error preceding the messages to determine whether you can resolve the problems and then retry the command.

OM8309 **cccccccc INVALID FOR EXTENDED SVC ROUTER TABLE**

Explanation

An SVC router (IGX00ccc) module is being processed and the SVC router code (nnn) is higher than the system allows.

System action

Command execution terminates.

User response

See message OM8307.

OM8310 **SVC VALUE CONFLICTS WITH PGM=cccccccc**

Explanation

The value of the SVC parameter does not match the SVC number indicated by the PGM name.

System action

Command execution terminates.

User response

Verify that the PGM name is correct. If so, the SVC parameter value must equal the SVC indicated by the PGM name. Note that you do not need the SVC parameter in this situation.

OM8313 **cccccccc IS IN OVERLAY STRUCTURE**

Explanation

You attempted to process load module ccccccc, which is link-edited in an overlay structure. LPAM does not support modules that are link-edited in an overlay structure.

System action

Command execution terminates.

User response

Refer to the IBM *SPL: System Generation Reference* for instructions to replace the module.

OM8314 **SYNTAX ERROR NEAR COLUMN FLAGGED ABOVE**

Explanation

A syntax error was found, and the command could not be interpreted. The * indicates where the error was.

System action

Command execution terminates.

User response

Correct the command and re-enter.

OM8315 **SMF EXIT TABLE ID NOT FOUND: cccc**

Explanation

The SMF subsystem ID specified by the SMFSYS= parameter was not found in the system.

System action

Command execution terminates.

User response

Specify the correct SMF system ID.

OM8323 **NOT IN AUTOMATIC MODE -
RETURN IGNORED**

Explanation

OMEGAMON received a .RTN command.

System action

OMEGAMON ignores the command.

User response

None.

OM8324 **WARNING: NEW SVC MODULE
cccccccc BEING ADDED**

Explanation

The SVC to be added by LPAMM has no LPDE and its current SVC table entry point is IGCERROR. A subsequent LPAMD deletion of the SVC returns it to its original state.

System action

Command continues normally.

User response

Note that if you issue the SVC after deleting it with LPAMD, the system abends the issuing task.

OM8324(IMS) **NO TARGET SCREEN SPACE**

Explanation

OMEGAMON found a syntax error in the .RTN command.

System action

OMEGAMON ignores the command.

User response

Correct the .RTN command, save the screen space, and reinvoke the screen space.

OM8325 **NEW SVC ccccccc HAS
UNEXPECTED SVC TABLE ENTRY
POINT**

Explanation

The SVC to be added by LPAMM has no LPDE, but the SVC table entry point is not IGCERROR as expected. A subsequent LPAMD deletion of the SVC does not restore it to its original state.

System action

Command execution terminates.

User response

If you still want to add the SVC, use the FORCE operand of the LPAMM command. Note that if you issue the SVC after deleting it with LPAMD, the system abends the issuing task.

OM8326 **cccccccc INVALID FOR LPAM**

Explanation

You cannot use the LPAM command to load module ccccccc.

System action

Command execution terminates.

User response

None.

OM8327 **INVALID ARGUMENT. USE M, D,
OR BLANK.**

Explanation

The LPAM command allows only the following arguments:

M Modify

D Delete

(blank) List

System action

Command execution terminates.

User response

Use the appropriate argument for LPAM.

OM8333 **MODULE HAS MORE THAN 16 ALIASES - CANNOT LPAM**

Explanation

LPAMM allows only 16 aliases for a module.

System action

LPAM command execution terminates.

User response

If none of the aliases are needed, use LPAMM with the NOALIAS parameter to add the module.

OM8335 **MORE THAN 49 ALIASES; ONLY FIRST 49 DELETED**

Explanation

LPAMD can only delete up to 49 aliases of a module.

System action

The module and its first 49 aliases are deleted. Additional aliases remain on the active LPA queue. Programs attempting to access the deleted module with any of the remaining aliases may abend.

User response

Schedule an IPL to remove the remaining aliases from the active LPA queue.

OM8336 **TOO MANY SMFSYS NAMES SPECIFIED**

Explanation

The SMFSYS parameter of LPAM allows only 7 SMF subsystem names to be specified.

System action

The LPAM command terminates.

User response

If you want the exit to be added for all SMF subsystems, omit the SMFSYS parameter.

OM8339 **MODULE LOGICALLY DELETED; CSA NOT FREED**

Explanation

The specified SMF exit has been logically removed from the subsystems specified on the SMFSYS parameter. However, the exit is still in use by other SMF subsystems. The module storage in CSA is not freed.

System action

The LPAMD is successful for the specified subsystems.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OM8342 **LOAD LIBRARY UNALLOCATION FAILURE - RC=nn ERROR=cc INFO=cc**

Explanation

An attempt to unallocate the specified library has failed. RC=nn, ERROR=cc, and INFO=cc are the dynamic allocation return, error, and information reason codes.

System action

LPAM command execution terminates.

User response

If the data set is still allocated by the OMEGAMON session, and it is preventing other users from accessing the data set, you may need to stop and restart the OMEGAMON session to free the allocation.

OM8343 **ccccccc CURRENTLY IN USE**

Explanation

LPAMD was requested for a module that is currently being used.

System action

The LPAM request is terminated.

User response

Reissue the LPAMD command when the module is no longer in use.

OM8348 **MDF PROCESSING DISABLED. USE
POPT COMMAND TO RESET.****Explanation**

This command has been disabled because MDF=OFF was specified in the POPT command.

System action

The command is terminated.

User response

If you have an Amdahl MDF system, specify MDF=ON.

OM8349 **DOMAIN AUTHORIZED TO OBTAIN
DATA ONLY FOR DOMAIN *n*****Explanation**

The current Amdahl™ domain is only authorized to collect data for itself. The current domain number is given in the message.

System action

The command continues to display data only for current domain.

User response

To avoid this message either specify the current domain number as an argument to the command, or authorize the domain to collect data for all domains (set authorization level “2” via hardware frame).

OM8350 **COMMAND ONLY VALID FOR
AMDAHL MDF SYSTEM****Explanation**

This command pertains specifically to an Amdahl MDF system and will not function on another system.

System action

The command is terminated.

User response

None.

OM8351 **DOMAIN NOT AUTHORIZED FOR
DATA COLLECTION; RC=*nn*****Explanation**

The current Amdahl domain is not authorized (via the hardware CA frame) to collect data requested about MDF.

System action

The command discontinues attempts to collect the data.

User response

The authorization level on the Amdahl CA frame should be 2 to collect data for all domains or 1 to collect data for only the current domain. For full OMEGAMON functionality with respect to MDF support, the authorization level should allow all domain data collection (2).

OM8352 **MDF IIC MRSD INTERFACE ERROR
OCCURRED; RC=*nn*****Explanation**

A problem occurred while using the Amdahl MDF IIC interface.

System action

The command discontinues attempts to collect MDF data.

User response

Record the message number and return code (RC) and call IBM Software Support.

OM8353 **MDF IIC MDFWATCH INTERFACE
ERROR OCCURRED; RC=*nn*****Explanation**

A problem occurred while using the Amdahl MDF IIC interface.

System action

The command discontinues attempts to collect MDF data.

User response

Record the message number and return code (RC) and call IBM Software Support.

OM8354 **MDF RMI MRSD INTERFACE
ERROR OCCURRED; RC=*nn***

Explanation

A problem occurred while using the Amdahl MDF RMI interface.

System action

The command discontinues attempts to collect MDF data.

User response

Record the message number and return code (RC) and call IBM Software Support.

OM8355 **MDF RMI MDFWATCH INTERFACE
ERROR OCCURRED; RC=nn**

Explanation

A problem occurred while using the Amdahl MDF RMI interface.

System action

The command discontinues attempts to collect MDF data.

User response

Record the message number and return code (RC) and call IBM Software Support.

OM8356 **MDF INTERFACE/OMEGAMON
INTERNAL ERROR; RC=nn**

Explanation

An internal error occurred while using the Amdahl MDF interface.

System action

The command discontinues attempts to collect MDF data.

User response

Record the message number and return code (RC) and call IBM Software Support.

OM8357 **MDF INTERFACE NOT SUPPORTED
IN THIS ENVIRONMENT**

Explanation

The Amdahl MDF interface is not supported in the current system environment, for example in PMA or guest mode environments.

System action

The command is terminated.

User response

None.

OM8358 **COMMAND REQUIRES APF
AUTHORIZATION**

Explanation

OMEGAMON must be authorized for this command to operate.

System action

The command is terminated.

User response

Authorize OMEGAMON (see *OMEGAMON II for MVS Configuration Guide*).

OM8359 **UNABLE TO ALLOCATE 4K
WORKAREA; RC=nn**

Explanation

OMEGAMON failed while trying to allocate a 4k page-fixed workarea. Possible meanings of the return code are as follows:

24
GETMAIN failed.

28
Page fix failed.

System action

The command is terminated.

User response

Increase the region size and try again. If the problem persists, call IBM Software Support.

OM8360 **COMMAND ONLY VALID FOR
PR/SM LPAR MODE OPERATIONS**

Explanation

This command is valid only when operating under logical partitioning mode (PR/SM™).

System action

The command is terminated.

User response

None.

OM8361 PR/SM LPAR INTERFACE FAILURE

Explanation

The interface needed to gather the logical partitioning data has failed, and OMEGAMON is unable to provide the logical partitioning data.

System action

The command is terminated.

User response

Restart OMEGAMON. If the problem persists, call IBM Software Support.

OM8362 INVALID DATA FROM THE PR/SM LPAR INTERFACE

Explanation

Invalid data was returned from the interface so the LPAR command could not provide valid logical partitioning data.

System action

The command is terminated.

User response

Try the LPAR command again. If the problem persists, call IBM Software Support.

OM8363 LPAR COMMAND INTERNAL ERROR

Explanation

An internal error has occurred in the LPAR command.

System action

The command is terminated.

User response

Call IBM Software Support.

OM8370 INVALID PARAMETER FOR CHNM

Explanation

An unrecognized parameter was entered for CHNM.

System action

The command is terminated.

User response

Check the command syntax and respecify with the correct parameter.

OM8371 CHANNEL PATH ID NOT SPECIFIED FOR ADD OR DELETE FUNCTION

Explanation

The ADD or DELETE keyword was specified without a channel path ID.

System action

The command is terminated.

User response

Specify the channel paths to be added or deleted.

OM8372 CHANNEL PATH ID MUST BE BETWEEN 00 THRU ff

Explanation

The channel path ID specified was outside of the valid range.

System action

The command is terminated.

User response

Specify the channel path (00 through *ff*).

OM8373 CHANNEL SET ID MUST BE SPECIFIED

Explanation

The channel set ID was not specified in MVS/370 mode.

System action

The command is terminated.

User response

Specify the channel set ID required for MVS/370 mode.

OM8376 INVALID PARAMETER FOR CPUM

Explanation

An unrecognized parameter was entered for CPUM.

System action

The command is terminated.

User response

Check the command syntax and respecify the command with the correct parameter.

OM8377 CPU ID NOT SPECIFIED FOR ADD OR DELETE FUNCTION

Explanation

The ADD or DELETE keyword was specified without a CPU ID.

System action

The command is terminated.

User response

Specify the CPU IDs to be added or deleted.

OM8378 CPU ID MUST BE BETWEEN 0 THRU 15

Explanation

The CPU ID specified was outside of valid range.

System action

The command is terminated.

User response

Specify the CPU ID between 0 through 15 (decimal).

OM8380 NOT ADDED. USE * ONLY IN LAST POSITION OF GROUP NAME.

Explanation

The input group mask *gggggggg* is not acceptable since the mask character *** occurred before the last character.

System action

The command terminates.

User response

Correct the input group name mask.

OM8381 NOT ADDED. gggggggg DUPLICATES USERS IN GROUP hhhhhhhh

Explanation

The input group mask *gggggggg* cannot coexist with the group mask *hhhhhhh*; *hhhhhhh* specifies a subset of *gggggggg*.

System action

The command terminates.

User response

Correct the input group mask *gggggggg* or delete *hhhhhhh*.

OM8382 NOT ADDED. gggggggg IS CURRENTLY MONITORED IN GROUP hhhhhhhh

Explanation

The input group mask *gggggggg* cannot coexist with the group mask *hhhhhhh*; *gggggggg* specifies a subset of *hhhhhhh*.

System action

The command terminates.

User response

Correct the input group mask *gggggggg* or delete *hhhhhhh*.

OM8383 NOT ADDED. gggggggg IS ALREADY BEING MONITORED.

Explanation

The input group mask *gggggggg* already exists.

System action

The command terminates.

User response

Respecify a non-existing input group mask.

OM8384 ADDED. gggggggg IS NOW BEING MONITORED.

Explanation

The group mask *gggggggg* was successfully added for monitoring.

System action

None.

User response

None.

OM8385 DELETED. *gggggggg* IS NO LONGER BEING MONITORED.

Explanation

The group mask *gggggggg* was successfully deleted from monitoring.

System action

None.

User response

None.

OM8386 NOT FOUND. *gggggggg* IS NOT CURRENTLY BEING MONITORED.

Explanation

The group mask *gggggggg* does not exist for deletion.

System action

The command terminates.

User response

Correct the input group mask.

OM8387 KEYWORD IGNORED. *kkkkkkkk* IS INVALID; VERIFY SYNTAX.

Explanation

The keyword specified with the command is not valid.

System action

The command terminates.

User response

Correct the keyword for the function to be performed.

OM8388 INVALID PARAMETER. RESPECIFY *kkkkkkkk* KEYWORD PARAMETER.

Explanation

The parameter specified with keyword *kkkkkkkk* is not valid.

System action

The command does not process the parameter.

User response

Enter an allowable parameter for the keyword.

OM8389 RTA NOT OPERATIONAL. INSUFFICIENT PRIVATE REGION. RTA NOT OPERATIONAL. INSUFFICIENT ECSA. RTA NOT OPERATIONAL. VTAM INTERNAL TRACE INACTIVE. RTA NOT OPERATIONAL. VTAM NOT AT SUPPORTED LEVEL. RTA NOT OPERATIONAL. RC= *xx* SC= *xxxxxxxx*; CALL CANDLE CORP.

Explanation

The RTA™ command cannot initialize. The message indicates the required action or, in some cases, gives the failure return code and sense code.

System action

The command does not operate.

User response

Follow the suggestion given in the message text.

OM8390 TSO RESPONSE TIME ANALYZER NOT INSTALLED; CALL CANDLE CORP.

Explanation

The RTA command has not been installed in the load library currently being used.

System action

The command does not operate.

User response

Call IBM Software Support to order the RTA command.

OM8391 **RTA NOT AVAILABLE. LOAD
ABEND=xxx-yy FOR OMRTASSS.**

Explanation

The RTA command load module (system level sss) could not be loaded for the reason indicated by the ABEND code xxx and reason code yy.

System action

The command does not operate.

User response

Correct the situation indicated by the ABEND and reason codes. These codes are documented in *IBM System Messages and Codes*.

OM8392 **RTA WILL NOT UPDATE USER
PROFILE FOR THIS SESSION**

Explanation

The RTA command encountered an unexpected situation during initialization with the User Profile Facility, and subsequent RTA updates to the profile during the session are not effective.

System action

The command continues as normal. Any changes made (that is, group additions or deletions) are not reflected in a User Profile saved during the current OMEGAMON session.

User response

None.

OM8400 **ENTRY NOT FOUND: cccc**

Explanation

The entry requested does not exist.

System action

None.

User response

Check to make sure that the request is valid.

OM8401 **INVALID PARAMETER SPECIFIED:
cccc**

Explanation

The error may be due to an invalid keyword or invalid label.

System action

None.

User response

Correct the problem and retry.

OM8402 **INVALID KEYWORD VALUE: cccc**

Explanation

The error is due to an invalid value for keyword cccc.

System action

None.

User response

Correct problem and retry.

OM8403 **ERROR DURING UPF
INITIALIZATION**

Explanation

An internal error occurred during User Profile Facility initialization.

System action

OMEGAMON continues its initialization processing, but all UPF-related functions are disabled for this session.

User response

Call IBM Software Support.

OM8406 **SYNTAX ERROR: reason**

Explanation

A syntax error occurred. The reason for the error is listed.

System action

The command does not execute.

User response

Correct the error and retry.

OM8407 **COMMAND ERROR: reason**

Explanation

An error occurred while processing the command. The reason for the error is listed.

System action

The command does not execute.

User response

Correct the error, if possible, or call IBM Software Support.

OM8410 **ERROR STORING INTO MEMORY-RESIDENT PROFILE OPTIONS TABLE**

Explanation

An error occurred while OMEGAMON attempted to update the profile options.

System action

The user request cannot be completed.

User response

Further updates will probably fail. Restart OMEGAMON if immediate resolution is required. If the problem persists, call IBM Software Support.

OM8411 **ERROR READING FROM THE MEMORY-RESIDENT PROFILE OPTIONS TABLE**

Explanation

An error occurred while OMEGAMON attempted to read the profile options.

System action

The user request can not be completed.

User response

Further profile commands will probably fail. Restart OMEGAMON if immediate resolution is required. If the problem persists, call IBM Software Support.

OM8420 **ERROR UPDATING ASTG TABLE**

Explanation

An error occurred while OMEGAMON attempted to update the memory-resident Address Space Threshold Group table.

System action

The user request can not be completed.

User response

Further ASG updates will probably fail. Restart OMEGAMON if immediate resolution is required. If the problem persists, call IBM Software Support.

OM8421 **ASTG TABLE INTERNAL ERROR**

Explanation

An error occurred in the memory-resident Address Space Threshold Group table.

System action

The user request can not be completed.

User response

Further ASG commands will fail. Restart OMEGAMON if immediate resolution is required. If the problem persists, call IBM Software Support.

OM8430 **ERROR UPDATING DMN TABLE**

Explanation

An error occurred while OMEGAMON attempted to update the memory-resident Domain Name table.

System action

The user request can not be completed.

User response

Further DMN updates will probably fail. Restart OMEGAMON if immediate resolution is required. If the problem persists, call IBM Software Support.

OM8440 **ERROR UPDATING PGN TABLE**

Explanation

An error occurred while OMEGAMON attempted to update the memory-resident Performance Group Name table.

System action

The user request can not be completed.

User response

Further PGN updates will probably fail. Restart OMEGAMON if immediate resolution is required. If the problem persists, call IBM Software Support.

OM8500 **CSAF EXECUTES ONLY ONCE PER CYCLE**

Explanation

Only one CSAF command can be on the screen at once.

System action

The CSA Analyzer ignores all subsequent CSAF commands on the screen.

User response

Enter only one CSAF command on the screen.

OM8501 **SUBPOOL *nnn* IS NOT IN <CSA|ECSA|SQA|ESQA >**

Explanation

Subpool number *nnn* is not in the common storage area specified by the AREA keyword.

System action

The CSA Analyzer ignores the command.

User response

Correct the value of the SUBPOOL keyword or the AREA keyword.

OM8502 **RANGE DOES NOT OVERLAP CSA OR SQA**

Explanation

The address range specified does not fall into any common storage area.

System action

The CSA Analyzer ignores the command.

User response

Correct the address range values specified in the RANGE keyword.

OM8503 **SYSTEM AND JOB KEYWORDS ARE MUTUALLY EXCLUSIVE**

Explanation

You cannot specify both SYSTEM and JOB keywords.

System action

The CSA Analyzer ignores the command.

User response

Enter only the SYSTEM or JOB keyword.

OM8504 **PARAMETER FOR KEYWORD xxxxxxxx IS INVALID**

Explanation

An invalid value for keyword xxxxxxxx was entered.

System action

The CSA Analyzer ignores the command.

User response

Re-enter the keyword, specifying a valid value.

OM8505 **JOB REQUIRED. ENTER COMMAND WITH JOB PARAMETER**

Explanation

The CSA Analyzer requires a JOB keyword for the command.

System action

The CSA Analyzer ignores the command.

User response

Re-enter the command, specifying a JOB keyword.

OM8506 **ONLY KEY ZERO IS VALID FOR (E)SQA**

Explanation

You specified a non-zero storage key for SQA or ESQA storage.

System action

The CSA Analyzer ignores the command.

User response

Re-enter the command, specifying KEY(0).

OM8510 **NO DATA AVAILABLE**

Explanation

CSAA has no information for the command request.

System action

None.

User response

None.

OM8511 CSAA IS NOT ACTIVE

Explanation

The CSAA manager address space is not running.

System action

The CSA Analyzer ignores the command.

User response

Start the CSAA Manager address space and retry the command. Refer to the *OMEGAMON II for MVS Configuration Guide* for details.

OM8512 LOAD OF CSAA SUPPORT MODULE FAILED

Explanation

The CSA Analyzer did not find a required module for the operation of CSAA.

System action

The CSA Analyzer ignores the command.

User response

Ensure that all CSAA modules reside in the OMEGAMON for MVS load library. Refer to the *OMEGAMON II for MVS Configuration Guide* for details.

OM8513 CSAA REPORTER INTERNAL LOGIC ERROR

Explanation

The CSAA reporter module abended.

System action

The CSA Analyzer ignores the command.

User response

Call IBM Software Support.

OM8514 CSAA MANAGER BUSY. TRY AGAIN

Explanation

The CSAA reporter could not process the command request because the CSAA manager was busy.

System action

The CSA Analyzer ignores the command.

User response

Retry the command.

OM8515 CSAA REPORTER ERROR. RC=nnnnnnnn

Explanation

The CSAA reporter encountered an error.

System action

The CSA Analyzer ignores the command.

User response

Call IBM Software Support.

OM8516 <CSA|ECSA|SQA|ESQA> MONITORING IS NOT ACTIVE

Explanation

CSAA is not monitoring the area specified in the AREA keyword.

System action

The CSA Analyzer ignores the command.

User response

When you next start the CSAA address space, specify monitoring for the given area. Refer to the *OMEGAMON II for MVS Configuration Guide* for details.

OM8517 <SYSTEM|JOB> TRENDING IS NOT ACTIVE

Explanation

CSAA did not gather the necessary trending data.

System action

The CSA Analyzer ignores the command.

User response

When the CSAA address space is next started, specify trending for SYSTEM or job. Refer to the *OMEGAMON II for MVS Configuration Guide* for details.

OM8518 **VERSION MISMATCH. MANAGER
Vmmm. REPORTER Vnnn**

Explanation

The CSA Analyzer Manager's version, *mmm*, does not match the Reporter's version, *nnn*.

System action

The CSA Analyzer ignores the command.

User response

Ensure that all CSAA modules are at the same version.

OM8519 **FREEMAIN EVENTS MISSED**

Explanation

The CSA Analyzer was unable to record some freemains due to a buffer full condition.

System action

The CSA Analyzer ignores the command.

User response

When you next start CSAA, increase its amount of available fixed storage. Refer to the *OMEGAMON II for MVS Configuration Guide* for details.

OM8520 **CSAA UPDATE PROCESSING
SUSPENDED AT *mm/dd/yy hh:mm***

Explanation

The CSA Analyzer has stopped processing.

System action

The system does not process the command.

User response

Make sure that the CSA Analyzer started task is running.

OM8521 **OPERAND *<operand>* NOT
PERMITTED**

Explanation

The keyed parameter has been recognized but you used it incorrectly as an operand.

System action

The OMCSAA command processing edits the second and subsequent keyed parameters following the command. Those parameters must be operands which must be syntactical elements of the OMCSAA command argument being processed.

Note: The OMCSAA/CSAA arguments that use the JOB and SYSTEM adverbs to distinguish different report processing requirements use two specific sets of operands which are similar but not identical.

User response

Make the following changes:

1. Remove or correct the indicated operand.
2. Remove the command inhibit character (>).
3. Resubmit the command.

OM8522 **VALUE *<value>* NOT PERMITTED**

Explanation

Some of the OMCSAA keyed parameter specifications are keywords (i.e., they are unique names without an associated assignment value). The OMCSAA/CSAA arguments and the SYSTEM adverb are always keywords. They neither require nor permit an associated assignment value.

System action

Each keyed parameter is edited and evaluated syntactically. Whenever a specification violates a syntax rule, the appropriate OMCSAA diagnostic message is issued.

User response

Make the following changes:

1. Correct the command syntax.
2. Remove the command inhibit character (>).
3. Resubmit the command.

OM8523 ***<operand>* IS REQUIRED**

Explanation

You have not declared a required operand and no substitute value assignment is available. The JOB

adverb and the AREA operand both lack default assignment values.

System action

When a specific OMCSAA command argument requires a particular operand that you have not supplied, the OMCSAA command processing attempts to provide an assignment value for the missing operand in the following manner:

1. The inherited value, the last value assigned to that operand when an OMCSAA command was processed successfully, is assigned to the current operand.
2. When an inheritable assignment value is a null value, the operand's default value is assigned.
3. When the result is still a null value, a violation occurs and this message is issued.

User response

Make the following changes:

1. Provide the missing operand and value assignment.
2. Remove the command inhibit character (>).
3. Resubmit the command.

OM8525 <operand> VALUE NOT NAME

Explanation

The operand assignment value is not a name.

System action

A name value begins with an alphabetic character (A–Z). The JOB adverb and the AREA operand are associated with alphabetic assignment values.

User response

Make the following changes:

1. Correct the value assignment.
2. Remove the command inhibit character (>).
3. Resubmit the command.

OM8526 <operand> VALUE NOT NUMERIC

Explanation

The operand assignment value is not a number.

System action

A numeric value begins with the decimal digits (0–9) or with hexadecimal digits (A–F). The ASID, SUBPOOL,

BOUNDS, MINSIZE, and RANGE operands are all associated with numeric assignment values.

User response

Make the following changes:

1. Correct the value assignment.
2. Remove the command inhibit character (>).
3. Resubmit the command.

OM8527 <operand> VALUE LIST NOT PERMITTED

Explanation

OMEGAMON does not directly support lists of assignment values.

System action

The (*) assignment value is a quasi-list list assignment. You may specify only the ASID and SUBPOOL operands with the (*) assignment value.

User response

Make the following changes:

1. Correct the value assignment.
2. Remove the command inhibit character (>).
3. Resubmit the command.

OM8530 ARGUMENT <text> NOT RECOGNIZED

Explanation

Each argument is a keyword which must be specified immediately after the command on the command line. The keyed parameter is not recognized as a valid OMCSAA specification if an argument is required.

System action

The OMCSAA command processing edits the first keyed parameter following the command. That parameter must be an argument.

Note: The OMCSAA/CSAF command is an exception to this rule.

User response

Make the following changes:

1. Correct the command specifications.
2. Remove the command inhibit character (>).
3. Resubmit the command.

OM8531 OPERAND <text> NOT RECOGNIZED**Explanation**

Each operand is a keyword which must be entered as documented. Each operand is associated with a specific abbreviation.

System action

Operand specifications that are neither the acceptable full text nor the acceptable abbreviation are rejected.

User response

Make the following changes:

1. Correct the command specifications.
2. Remove the command inhibit character (>).
3. Resubmit the command.

OM8540 INSUFFICIENT MEMORY. REQUEST NOT PROCESSED**Explanation**

The OMCSAA/CSAA DETAIL command may generate a significant number of CSA Events Extract Records. The nominal OMCSAA CSA Events Extraction Work Area is only 5120 bytes. OMCSAA has logic that will acquire a larger Extraction Work Area but that logic is conditional.

System action

OMCSAA command logic inhibits the automatic acquisition of a larger Extraction Work Area in order to minimize the overhead generated by continually issuing GETMAIN requests to the operating system. last request.

User response

Either restrict the scope of the request or resubmit the command with the OMEGAMON action character in column 1.

OM8541 INSUFFICIENT MEMORY. <xxxxxx> KB ADDITIONAL MEMORY REQUIRED**Explanation**

The OMCSAA/CSAA Events Extract Work Area may be expanded but the expansion requires allocatable memory in SUBPOOL (0).

System action

OMCSAA command processing has attempted to acquire the memory required to support the Extract Work Area. There is not enough memory available in SUBPOOL (0).

User response

Either restrict the scope of the OMCSAA/CSAA DETAIL command or re-initialize a new OMEGAMON session with a larger REGION size.

OM8542 SCREEN OUTPUT EXCEEDS LROWS LIMIT**Explanation**

Irrespective of the size of the OMCSAA/CSAA Events Extract Work Area, the ultimate limit upon the ability of OMEGAMON to display the CSA Analyses is the number of logical lines of display.

System action

There are more lines of data to be displayed than OMEGAMON can support.

User response

Either restrict the scope of the OMCSAA/CSAA DETAIL command or re-initialize a new OMEGAMON session with a larger LROWS size.

Note: The additional memory required to support a larger number of logical lines of display may reduce the ability to extract the analytical data from the CSA Events Database.

OM8550 NOT ENOUGH MEMORY FOR WORKAREA - nnnnnnK NEEDED.**Explanation**

The specified command could not obtain a work area.

System action

The command terminates.

User response

Increase the region size of the address space by a minimum of *nnn*K. Alternatively, use the DATA minor of SEEK to decrease the work size area by *nnn*K.

OM8551 WARNING WSIZ TOO SMALL - ADDR= xxxxxxxx SIZE= nnnn USED= nnnn.

Explanation

The SEEK SRB to collect data failed to complete its task because the data area it needed was small.

System action

None.

User response

Use the DATA minor of SEEK to increase the work area.

OM8552 DEVICE INVALID OR OFFLINE

Explanation

The specified device either was not found in the UCB lookup table, or was found to be marked offline.

System action

Command execution terminates.

User response

Specify a valid volume or vary volume online.

OM8553 WARNING; cccc FAILED VALIDITY CHECK

Explanation

The specified control block (ASCB, TCB, DSAB, JFCB, or JFCX) failed validation in the SRB routine for DATA minor of SEEK.

System action

DATA minor of SEEK does not collect data set information for the address space which has failed validation.

User response

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

**OM8555 WARNING INVALID RETURN CODE
= xxxxxxxx (FROM DATA minor of
SEEK COMMAND)**

Explanation

The SRB to collect data failed to complete its task and returned an invalid return code to the user.

System action

Command execution terminates.

User response

Call IBM Software Support to report a possible problem.

OM8556 INVALID PARAMETER SPECIFIED.

Explanation

An invalid parameter was encountered on the SEEK or DATA command line.

System action

The command is terminated.

User response

Check the syntax and respecify with the correct parameter.

**OM8557 VOLSER OR DEVICE PARAMETER
REQUIRED.**

Explanation

The volser or device address required by SEEK has not been specified.

System action

None.

User response

Specify the volser or device address and reissue the command.

OM8558 SPECIFIED ITEM NOT FOUND.

Explanation

A seek operation was not observed on the sample number specified in the ITEM parameter, or no seek operations were observed for the specified jobname.

System action

No detail data items are displayed.

User response

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OM8559 **WARNING INVALID INTERVAL
TIME SPECIFIED.****Explanation**

The specified sample interval must be between 5 and 500 milliseconds.

System action

Processing continues with the default of 5 milliseconds assumed.

User response

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OM8560 **WARNING INVALID SAMPLE
COUNT SPECIFIED.****Explanation**

The specified sample count was greater than 100.

System action

Processing continues with the maximum of 1000 samples assumed.

User response

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OMV001I **OBVTAM VERSION *Vnnn*
INITIALIZATION****Explanation**

The OBVTAM support program, version *nnn*, is initializing.

System action

OBVTAM processing continues.

User response

None.

OMV002I **APPL *applid* OPENED
SUCCESSFULLY****Explanation**

The OPEN macro for the VTAM ACB was successful.

System action

Initialization processing continues.

User response

None. OBVTAM is ready to accept logons.

OMV003I **APPL *ccccccc* FAILED TO OPEN -
*reason*****Explanation**

OBVTAM attempted to open an ACB to VTAM with the identifier *ccccccc*. The attempt failed for the reason specified.

System action

If the reason is a retryable condition (for example, if the network APPL is inactive at the time OBVTAM attempts access), OBVTAM retries the operation for up to 30 minutes. Otherwise, OBVTAM terminates.

User response

The reasons that appear follow. Take the appropriate action for the reason that appears with this message.

**OMV003I(cont. APPL ALREADY OPEN
)****Explanation**

Another z/OS job or started task has the OBVTAM network APPL allocated.

System action

OBVTAM terminates.

User response

Contact the VTAM systems programmer at your installation.

**OMV003I(cont. APPL IS INACTIVE
)****Explanation**

OBVTAM attempted to open an ACB to VTAM for an network APPL that was inactive.

System action

OBVTAM attempts access again for up to 30 minutes.

User response

Activate the network APPL.

OMV003I(cont. APPL IS IN CLEANUP)

Explanation

VTAM has not completed recovery processing after an OBVTAM failure.

System action

Once VTAM processing is complete, the network APPL becomes available to OBVTAM automatically.

User response

None. This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

OMV003I(cont. APPL NOT DEFINED)

Explanation

The OBVTAM APPL was not defined to VTAM.

System action

OBVTAM terminates.

User response

Contact the VTAM systems programmer at your installation to define an APPL to VTAM for OBVTAM. Restart OBVTAM.

OMV003I(cont. VTAM ERROR CODE *nn*)

Explanation

The error code associated with the VTAM OPEN ACB process was *nn*.

System action

If the error code is 14, OBVTAM retries the operation for up to 30 minutes. Otherwise, OBVTAM terminates.

User response

Write down the VTAM error code and contact the VTAM systems programmer at your installation, or contact IBM Software Support.

OMV003I(cont. VTAM IS NOT ACTIVE)

Explanation

OBVTAM was started before VTAM.

System action

OBVTAM attempts to open the network APPL for up to 30 minutes.

User response

Start VTAM, then restart OBVTAM.

OMV004I OBVTAM MUST BE APF AUTHORIZED TO BE NON-SWAPPABLE

Explanation

The OBVTAM start parameter included SWAP=N, but OBVTAM cannot mark itself non-swappable without APF authorization.

System action

OBVTAM processing continues, but OBVTAM will remain non-swappable.

User response

If you want OBVTAM to be non-swappable, restart it from an APF-authorized library.

OMV005I ccccccc FM/TS PROFILE *nnnn* NOT SUPPORTED

Explanation

Secondary Logical Unit *ccccccc* tried to establish a session using a VTAM Logmode that specifies an FM/TS session profile of *nnnn*. OBVTAM supports FM/TS profiles 0303 and 0202 only.

System action

OBVTAM rejects the session request from SLU *cccccc*.

User response

Select a VTAM Logmode which specifies a supported FM/TS profile, or select an alternate device.

OMV006I **SESSION ESTABLISHED FOR**
aaaaaaaa/bbbbbbbb

Explanation

A VTAM session was established between OBVTAM (network identifier *aaaaaaaa*) and Secondary Logical Unit *bbbbbbbb*.

System action

OBVTAM processing continues; initialization starts for an OMEGAMON session.

User response

None.

OMV007I **SESSION INITIATION FAILED FOR**
aaaaaaaa/bbbbbbbb: cc dddd eeee
ffff

Explanation

The initiation of a session between OBVTAM (network identifier *aaaaaaaa*) and Secondary Logical Unit *bbbbbbbb* failed. The VTAM status associated with the request is:

cc

VTAM request code

dddd

VTAM return code information

eeee

SNA system sense field

ffff

SNA user sense field

System action

OBVTAM rejects the session request from SLU *bbbbbbbb*.

User response

Refer the VTAM status information to your Network Support group or contact IBM Software Support for assistance.

OMV008I **KOBDSQZ MODULE NOT FOUND.**
NO DATA COMPRESSION

Explanation

The program module KOBDSQZ was not found in the OBVTAM program library.

System action

OBVTAM processing continues, but the 3270 data stream created by OMEGAMON will not be compressed for those sessions that requested data compression.

User response

Contact IBM Software Support for assistance.

OMV009I **ROWS/COLS IN CONFLICT WITH**
VTAM LOGMODE ccccccc

Explanation

The ROWS= and/or COLS= OMEGAMON startup parameter does not match VTAM's definition for the terminal. The VTAM logmode used to start the session was *ccccccc*.

System action

OBVTAM displays the OBUSRMSG panel and then terminates.

User response

Correct the values of the OBVTAM startup parameter or select another VTAM logmode that is the same as the OBVTAM startup parameter.

OMV010I **TIMEOUT KEYWORD VALUE**
INVALID - SET TO 0

Explanation

The value of the OBVTAM start parameter keyword TIMEOUT was not in the range 0–99.

System action

Processing continues.

User response

OBVTAM sets the TIMEOUT value to 0, and idle OMEGAMON sessions are not subject to timeout cancellation.

User response

Correct the TIMEOUT value and restart OBVTAM.

OMV012I **OMEGAMON SESSION TIMEOUT -**
ccccccc

Explanation

The OMEGAMON session with terminal *cccccccc* was idle for the length of time specified on the TIMEOUT parameter.

System action

OBVTAM cancels the idle session.

User response

You may start another session.

OMV013I WSF (QUERY) TIMEOUT - cccccccc

Explanation

Terminal *cccccccc* has not replied to the WSF (Query) sent by OBVTAM.

System action

OBVTAM terminates the session with terminal *cccccccc*.

User response

Configure terminal *cccccccc* to support WSF (Query) or select a VTAM logmode that does not indicate that WSF (Query) is supported.

**OMV020I UMAX Maximum 3270 Sessions is
 nnn**

Explanation

The maximum number of concurrent users that can be logged on is shown.

System action

Initialization processing continues.

User response

None. OBVTAM is ready to accept logons if the current session count is less than the maximum value.

**OMV980I SESSION REQUEST FAILED
 FOR cccccccc/aaaaaaaa -
 INSUFFICIENT MEMORY**

Explanation

OBVTAM (application *cccccccc*) failed to obtain enough memory to establish a session with terminal *aaaaaaaa*.

System action

OBVTAM rejects the session request from terminal *aaaaaaaa*.

User response

It may be possible to start a session by using a terminal with a smaller screen size, or by eliminating the use of 3270 data stream compression. Specify DC=N as part of the OBVTAM startup parameter to eliminate data compression. If the session still cannot be started, it may be necessary to increase the value of the z/OS REGION SIZE to make more memory available to OBVTAM.

**OMV981I DEVICE ERROR aaaaaaaaa
 DETECTED FOR bbbbbbbb/
 ccccccc**

Explanation

OBVTAM (network identifier *bbbbbbbb*) received device status information from Secondary Logical Unit *ccccccc*. The information *aaaaaaaa* is the status value received in an SNA LUSTAT command.

System action

OBVTAM terminates the session with SLU *ccccccc*.

User response

Refer the LUSTAT information to your Network Support group or contact IBM Software Support for assistance.

**OMV982I GETMAIN FAILED - INCREASE
 REGION SIZE**

Explanation

There is insufficient region size for OMEGAMON to obtain buffers.

System action

OMEGAMON aborts the session start.

User response

See your installer to increase the region size.

**OMV983I OM= KEYWORD INVALID -
 MODULE aaaaaaaaa NOT FOUND
 bbbbbbbb/ccccccc**

Explanation

The module specified by the OM session start parameter could not be found by OBVTAM (network identifier *bbbbbbb*). Module *aaaaaaaa* was specified explicitly or by default.

System action

OBVTAM terminates the session with SLU *ccccccc*.

User response

Include module *aaaaaaaa* in the OBVTAM runtime program library or specify a different module with the OM session start parameter.

OMV984I **EXTENDED ATTRIBUTE ERROR**
***aaaa bbbb* DETECTED FOR**
ccccccc

Explanation

Secondary Logical Unit *ccccccc* rejected a screen sent to it by OMEGAMON. The screen may have contained extended color or highlighting attributes. The VTAM status associated with the error is: *aaaa* - SNA system sense field and *bbbb* - SNA user sense field.

System action

OBVTAM terminates the session with SLU *ccccccc*.

User response

Verify that the terminal supports extended attributes and is properly defined to VTAM. If the terminal does not support extended color, the OMEGAMON session cannot be used with extended color support turned on. If the problem persists, refer the VTAM status information to your Network Support group or contact IBM Software Support for assistance.

OMV986I **SESSION ERROR *aa bbbb cccc***
dddd* FOR *eeeeeee/ffffff

Explanation

An error occurred on the session between OBVTAM (network identifier *eeeeeee*) and Secondary Logical Unit *ffffff*. The VTAM status associated with the error is:

aa
VTAM request code

bbbb
VTAM return code information

cccc
SNA system sense field

dddd
SNA user sense field

System action

OBVTAM terminates the session with SLU *ffffff*.

User response

Refer the VTAM status information to your Network Support group or contact IBM Software Support for assistance.

OMV987I **VTAM ACB CLOSE FAILED;**
RETURN CODE=*rc*, REASON
CODE=*rs*

Explanation

VTAM close processing failed as indicated.

System action

OBVTAM terminates.

User response

Contact IBM Software Support.

OMV988I **UNABLE TO START OBVTAM**
SESSION (REASON CODE *rs*)

Explanation

An error occurred while trying to start the VTAM session, possibly because of lack of storage.

System action

OBVTAM terminates.

User response

Try to increase region size in the startup JCL. If failure recurs, contact IBM Software Support.

OMV989I **TPEND EXIT-*code* DRIVEN FOR**
applid

Explanation

Either a network shutdown is in progress, or the user has varied the OBVTAM network APPL inactive.

System action

Normally none.

User response

If this message recurs, contact IBM Software Support.

OMV990I **INVALID LOGON PASSWORD FOR**
applid/sluname

Explanation

The password specified in the LOGON DATA parameter does not match the password in the PARM string.

System action

OBVTAM terminates the logon process.

User response

Determine the correct password and retry.

OMV992I **SESSION ccccccc - PGM CHK xxxx**
yyyyyyy, aaaa + bbbb

Explanation

OBVTAM encountered a program error while processing the session with terminal ccccccc. The variable message is defined as follows: xxxx is the program check interrupt code, yyyyyyy is the address where the program check occurred, aaaa is the module name where the program check occurred, and bbbb is the module offset where the program check occurred.

System action

OBVTAM terminates.

User response

Record the message and contact IBM Software Support. You may restart the session.

OMV994I **TERMINATION REQUESTED BY**
bbbbbbbb - REASON CODE xx

Explanation

The Secondary Logical Unit *bbbbbbbb* requested to terminate the VTAM session between itself and OBVTAM. The VTAM reason code was xx.

System action

OBVTAM terminates the OMEGAMON session and then terminates the VTAM session.

User response

This may or may not indicate a problem. If the message persists, refer the VTAM reason code information to your Network Support group or contact IBM Software Support for assistance.

OMV996I **SESSION TERMINATED FOR**
aaaaaaaa/bbbbbbbb

Explanation

The VTAM session between OBVTAM (network identifier *aaaaaaaa*) and Secondary Logical Unit *bbbbbbbb* ended.

System action

OBVTAM processing continues; OBVTAM will accept a new session request from any SLU.

User response

None.

OMV997I **SESSION TERMINATION FAILED**
FOR aaaaaaaa/bbbbbbbb: cc dddd
eeee ffff

Explanation

Session termination processing between OBVTAM (network identifier *aaaaaaaa*) and Secondary Logical Unit *bbbbbbbb* failed. The VTAM status associated with the request is

cc

VTAM request code

dddd

VTAM return code information

eeee

SNA system sense field

ffff

SNA user sense field

System action

OBVTAM stops servicing the session with SLU *bbbbbbbb*.

User response

Refer the VTAM status information to your Network Support group or contact IBM Software Support for assistance.

OMV998I **STOP COMMAND CAUSES**
TERMINATION FOR *applid*

Explanation

The systems programmer issued an z/OS STOP console command, instructing OBVTAM to terminate and all OMEGAMON sessions that are currently active beneath it.

System action

OBVTAM begins termination processing.

User response

None. This is an informational message about a normal OBVTAM condition.

OMV999I

OBVTAM ENDED

Explanation

The OBVTAM support program ended.

System action

OMEGAMON terminates.

User response

None. This is an informational message about a normal OBVTAM condition.

Messages shared by distributed and z/OS components

Because the Tivoli Enterprise Monitoring Server can run on both distributed platforms and z/OS, this component has some messages that can appear in both distributed logs and in the RKLVLLOG on z/OS. These shared Tivoli Enterprise Monitoring Server messages can have the following prefixes:

- KDC
- KDS
- KFA
- KMS
- KO4
- KQM

Table 5 on page 501 shows the locations of logs for Tivoli Enterprise Monitoring Server on distributed platforms and z/OS.

Component	Windows systems	UNIX-based systems
Tivoli Enterprise Monitoring Server on a distributed platform message logs	<p><code>\install_dir\cms\kdsmain.msg</code></p> <p>Where <i>install_dir</i> specifies the directory where Tivoli Enterprise Portal Server was installed.</p>	<p><code>install_dir/logs/hostname_ms_timestamp.msg</code></p> <p>Where:</p> <p>install_dir Specifies the directory where Tivoli Enterprise Portal Server was installed.</p> <p>hostname Specifies the name of the system hosting the product</p> <p>ms Indicates that these messages are for the Tivoli Enterprise Portal Server.</p> <p>timestamp A decimal representation of the time at which the process was started.</p>
Tivoli Enterprise Portal Server on a distributed platform trace logs	<p><code>\install_dir\logs\kfwservices.msg</code></p> <p>Where:</p> <p>install_dir Specifies the directory where Tivoli Enterprise Portal Server was installed.</p>	<p><code>install_dir/logs/kfwservices.msg</code></p> <p>Where:</p> <p>install_dir Specifies the directory where Tivoli Enterprise Portal Server was installed.</p>

Table 5. Log locations for the Tivoli Enterprise Monitoring Server (continued)

Component	Windows systems	UNIX-based systems
Tivoli Enterprise Monitoring Server on z/OS	<p>RKLVLOG for the Tivoli Enterprise Monitoring Server on z/OS is the single most helpful piece of service information available for the monitoring server. The RKLVLOG (R = runtime, KLV = the prefix associated with Tivoli Monitoring Services: Engine or TMS:Engine) is the sysout data set or spool file that contains log and trace messages.</p> <p>These additional zSeries log files (if available) are also useful:</p> <ul style="list-style-type: none"> • The RKLVSnap sysout data set or spool file contains formatted dump output. • The RKPLOG sysout data set or spool file contains the information and error messages related to the handling of persistent data stores. • The RKPLOG contains KPDXTA log messages for debugging persistent data store problems. • The JES2 and JES3 system log contains information about JES issues. <p>Refer to your JCL started task procedures for the locations of these serviceability log files.</p>	

KDS messages

Messages that begin with the KDS prefix are associated with the Tivoli Enterprise Monitoring Server on both z/OS and distributed platforms.

KDS9101I **System Name: *variable***

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

KDS9102I **Program Name: *variable***

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

KDS9103I **Process ID: *variable***

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

KDS9104I **User Name: *variable***

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies

some aspect of system behavior during normal operations.

KDS9105I **Job Name: *variable***

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

KDS9106I **Task Name: *variable***

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

KDS9107I **System Type: *variable***

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

KDS9108I **CPU Count: *variable***

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

KDS9109I **Page Size: *variable***

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

KDS9110I **Physical Memory: *variable***

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

KDS9111I **Virtual Memory: *variable***

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

KDS9112I **Page Space: *variable***

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

KDS9113I **Service Point: *variable***

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

KDS9114I **ITM Home: *variable***

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

KDS9115I **Executable Name: *variable***

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

KDS9116I **KBB_RAS1: *variable***

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

KDS9117I **KBB_RAS1_LOG: *variable***

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

KDS9118I **Node ID: *variable***

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

KDS9119I **Build: *variable***

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

KDS9131E **The table name *variable* for application *variable* was not found.**

Explanation

A table name specified in a query for the specified application was not found. Possible installation or configuration error.

Operator response

Verify that the application support files for the specified application have been installed on the server machine where this message was logged.

KDS9133E **Column *variable* in table *variable* for application *variable* was not found.**

Explanation

A query was issued that included the specified column in the specified table for the specified application. The specified column was not found in the specified table. Possible installation or configuration error.

Operator response

Verify that the correct version of the application support files for the specified application have been installed on the server machine where this message was logged.

KDS9134E **Change key column *variable* in table *variable* for application *variable* was not found.**

Explanation

A query was issued that included the specified key column in the specified table for the specified application. The specified key column was not found in the specified table. Possible installation or configuration error.

Operator response

Verify that the correct version of the application support files for the specified application have been installed on the server machine where this message was logged.

KDS9141I **The TEMS *variable* is connected to the hub TEMS *variable*.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

KDS9142I **The TEMS *variable* is disconnected from the hub TEMS *variable*.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

KDS9143I **An initial heartbeat has been received from the TEMS *variable* by the hub TEMS *variable*.**

Explanation

A regularly scheduled heartbeat is used by the Tivoli Enterprise Monitoring Server to monitor the status of connected nodes as well as itself. As a result, in some cases the sender and receiver of the heartbeat may both be the hub Tivoli Enterprise Monitoring Server.

KDS9144I **A shutdown notification has been received from the TEMS *variable* by the hub TEMS *variable*.**

Explanation

This message indicates a normal shutdown of the specified Tivoli Enterprise Monitoring Server. In some cases the sender and receiver of the notification may both be the hub Tivoli Enterprise Monitoring Server.

KDS9150I **The TEMS Sitmon thread is BUSY. Process *variable* has been in the BUSY state for longer than *variable* seconds.**

Explanation

The Tivoli Enterprise Monitoring Server Sitmon thread has been busy longer than is expected under a normal load. When this condition clears message KDS9152I will be logged.

Operator response

If this conditions persists for longer than an hour, contact IBM Service Support.

KDS9151E **The heartbeat from remote TEMS *variable* was not received at its scheduled time and the remote TEMS has been marked offline.**

Explanation

A heartbeat signal is sent from the remote Tivoli Enterprise Monitoring Server to the hub Tivoli Enterprise Monitoring Server on a regular schedule to indicate the status of the remote Tivoli Enterprise Monitoring Server. The remote TEMS specified failed to send its heartbeat at the scheduled time and has been marked offline by the hub Tivoli Enterprise Monitoring Server.

Operator response

Verify that the specified remote Tivoli Enterprise Monitoring Server is running and if not, restart it. Verify network connectivity between the hub and remote Tivoli Enterprise Monitoring Server. Verify the Tivoli Enterprise Monitoring Server installation and configuration.

KDS9152I **The TEMS Sitmon thread BUSY condition has cleared.**

Explanation

The Tivoli Enterprise Monitoring Server Sitmon thread is no longer BUSY.

KDSDC001 **Initial load of the TEMS Catalog now in progress.**

Explanation

The Tivoli Enterprise Monitoring Server is loading its runtime Catalog data set. No other activity takes place during this load. The loading process could take as long as 2 minutes, depending on the number of applications installed.

Operator response

This message is followed by another message when the loading is completed.

KDSDC002 **Initial load of the TEMS catalog complete.**

Explanation

The Tivoli Enterprise Monitoring Server has completed the loading of its runtime Catalog data set.

KDSDC003 **Updating the catalog is not allowed without a catalog cache.**

Explanation

The catalog cache has been disabled either through configuration or because the cache has become corrupted.

Operator response

Enable the catalog cache if disabled by configuration. Restart the Tivoli Enterprise Monitoring Server.

KDSMA001 **Tivoli Enterprise Monitoring Server (TEMS) data collection server started.**

Explanation

Initialization in progress.

KDSMA002 **Tivoli Enterprise Monitoring Server (TEMS) did not start. Status= variable. Reason= variable**

Explanation

The Tivoli Enterprise Monitoring Server did not start. Operation *variable* was in progress and completed with status *variable* and reason *variable*.

Operator response

Verify installation and configuration procedures.

KDSMA003 **Tivoli Enterprise Monitoring Server (TEMS) data collection server ended successfully.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

KDSMA004 **Internal services failed during variable while attempting to end. Status= variable. Reason= variable**

Explanation

Tivoli Enterprise Monitoring Server (TEMS) did not end successfully. Services have ended, but problems exist.

Operator response

Refer to the *IBM Tivoli Monitoring: Problem Determination Guide* for more information.

KDSMA005 **Stop of internal services ended abnormally. Reason variable.**

Explanation

An internal error occurred. *variable* is an internal code that aids in problem resolution.

Operator response

Refer to the *IBM Tivoli Monitoring: Problem Determination Guide* for more information.

KDSMA006 **Tivoli Enterprise Monitoring Server (TEMS) data collection server did not start.**

Explanation

The data collection server did not start.

Operator response

View all error messages that were logged to the Tivoli Enterprise Monitoring Server product log. Also, check the joblog of the failed job for messages.

KDSMA007 **Logon did not complete. Not enough memory. User *variable*.**

Explanation

You tried to log onto Tivoli Enterprise Monitoring Server (TEMS) but not enough memory is currently available to process the request.

Operator response

See your Tivoli Enterprise Monitoring Server administrator to determine memory requirements.

KDSMA008 **Duplicate logon attempted. User *variable*.**

Explanation

You tried to log onto Tivoli Enterprise Monitoring Server (TEMS) more than once.

KDSMA009 **User *variable* logged off server *variable*.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

KDSMA010 **Communication did not succeed. User *variable variable* cancelled.**

Explanation

Tivoli Enterprise Monitoring Server (TEMS) has detected a loss of communication to the user. Automatic cleanup processing is invoked.

KDSMA011 **Logon successful to server *variable* user *variable*.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

KDSMA012 **Logon did not complete. User *variable*.**

Explanation

You tried to log onto the Tivoli Enterprise Monitoring Server (TEMS) data collection server, but a possible logon string error has occurred.

Operator response

Verify installation and configuration procedures.

KDSMA013 **APPLID *variable* is not valid or is unavailable.**

Explanation

An attempt to bind to the APPLID *variable* failed. This could be due to the APPLID being unavailable or because the APPLID is not correct.

Operator response

Verify installation and configuration procedures.

KDSMA014 **Node ID &1 length is too long.**

Explanation

The length of the node ID must be less than 32 characters.

User response

Verify installation and configuration procedures.

Severity

0

System Programmer Response

No

KDSNC001 **Checking location broker status.**

Explanation

The location brokers are being checked to determine if they are already active.

Operator response

Verify installation and configuration procedures.

KDSNC002 **Local location broker is not active.**

Explanation

The local location broker has not yet been started. The Tivoli Enterprise Monitoring Server will start it.

KDSNC003 Global location broker is not active.

Explanation

The global location broker has not yet been started. The Tivoli Enterprise Monitoring Server will start it.

KDSNC004 Bind of local location broker complete at address *variable* on port *variable*.

Explanation

The local location broker initialized successfully using the specified address and port.

KDSNC005 Bind of global location broker complete at address *variable* on port *variable*.

Explanation

The global location broker initialized successfully using the specified address and port.

KDSNC006 Bind of local and global location broker complete at address *variable* on port *variable*.

Explanation

The local and global location broker initialized successfully. Both are using the specified address and port.

KDSNC007 Local Location Broker is active.

Explanation

The local location broker initialized successfully.

KDSNC008 Global Location Broker is active.

Explanation

The global location broker initialized successfully.

KDSNC009 Unable to create location brokers, status = *variable*.

Explanation

The local or global location broker or both failed to start.

Operator response

Verify installation and configuration procedures.

KDSPA001 Logon validation did not complete. User ID not valid. User *variable* *variable*.

Explanation

You tried to log onto the Tivoli Enterprise Monitoring Server data collection server, but the user ID is not a valid user ID.

Operator response

Enter a valid user ID.

KDSPA002 Logon validation did not complete. Password not valid. User *variable* and *variable*.

Explanation

You tried to log onto the Tivoli Enterprise Monitoring Server (TEMS) data collection server, but the password supplied for the user ID is not valid.

Operator response

Enter a valid password.

KDSPA003 Logon validation did not complete - system error. User *variable* *variable*.

Explanation

You tried to log onto the Tivoli Enterprise Monitoring Server (TEMS) data collection server, but a possible system error occurred.

Operator response

Refer to the *IBM Tivoli Monitoring: Problem Determination Guide* for additional information about logon validation failures.

KDSPA004 Logon validation failed. User *variable* *variable*.

Explanation

You tried to log onto the Tivoli Enterprise Monitoring Server (TEMS) but the logon validation failed.

Operator response

Ensure the user ID and password used are correct.

KDSPM001 **Remote request directory service lookup failed for node *variable*.**

Explanation

The location of the node specified in a remote request cannot be determined. Possible configuration error.

Operator response

Verify installation and configuration procedures.

KDSPM021 **Storage limit exceeded attempting to process *variable1 variable2*.**

Explanation

A SQL Where clause contains too many elements or large elements.

Operator response

Reduce the number and size of elements or use multiple queries, such as imbedded situations.

KDSRU001 **Remote request communication failure to destination *variable*.**

Explanation

The Tivoli Enterprise Monitoring Server (TEMS) data collection server has lost or could not communicate with a remote partner. Possible configuration error.

Operator response

Try again later. If still not successful, verify installation and configuration procedures.

KDSSA001 **Seeding started for product *variable* using file *variable* with seed option *variable***

Explanation

The seeding process was started for the specified product.

KDSSA002 **Seeding ended for product *variable* using file *variable* with seed option *variable***

Explanation

The seeding process ended for the specified product.

KDSSA003 **Product *variable* not seeded, seed file not found.**

Explanation

The indicated product was not seeded, as the seed file could not be found.

KDSSA004 **Seeding for product *variable* for install type *variable* is configured as **DISABLE**. Seeding is not performed.**

Explanation

For the product specified and the install type (pristine or upgrade), either the product specific SDA seeding configuration or the system SDA seeding configuration indicates the setting as <DISABLE>.

Operator response

Refer to the *IBM Tivoli Monitoring Command Reference* for more information.

KFA messages

Messages that begin with the KFA prefix are associated with the Tivoli Enterprise Monitoring Server on both z/OS and distributed platforms.

KFAAL00E **INVALID SE LOCK STATE IN *module* COUNTER=*lockcounter***

Explanation

An invalid state was detected in a shared or exclusive lock control block. An internal error has occurred that may cause integrity errors on shared resource access. The *module* value indicates the module where the problem was detected. The *lockcounter* value specifies the number of shared locks in progress. A *lockcounter*

value of -1 means that a single user has an exclusive lock. A value of 0 means that no locks are in progress.

System action

Processing continues.

User response

Contact IBM Software Support.

KFAA001W KFAASITR LOOKUP TABLE NOT LOADED

Explanation

The alert automation environment could not be initialized, and the Situation Trap table could not be loaded into storage for alert processing.

System action

Alert automation is disabled. No alerts are issued when events are detected.

User response

Review the messages issued before this message to determine the cause of environment initialization failure. This message is normal if no entries are specified in the KFAASITR runtime parameter file or if no KFAASITR parameter file is found.

KFAA002E THREAD CREATION ERROR ERROR= *errno*

Explanation

An attempt to start a thread of execution has failed. Threads are used to distribute action requests to alert emitters. The *errno* value indicates the status code issued by the POSIX pthread_create function.

System action

No further action is taken to transmit the action request to the alert emitter.

User response

Determine whether POSIX threading restrictions prevent the thread creation. If restrictions cannot be determined, contact IBM Software Support.

KFAA003E GET LOCK ERROR=*status*

Explanation

An attempt to acquire a lock (pthread_mutex_lock) has failed. POSIX mutex locks are used to serialize access and update to internal control blocks shared by multiple threads of execution. The *status* value indicates the error code issued by the POSIX pthread_mutex_lock function.

System action

Alert processing is terminated. No further action requests are sent to the alert emitter.

User response

Contact IBM Software Support.

KFAA004E COMMAND BUFFER OVERFLOW SITUATION=*sitname* DESTNODE=*destnode* ARG=*arg*

Explanation

An attempt to format the command string to be executed by an alert emitter has overflowed the internal buffer. The *sitname* and *arg* values indicate, respectively, the situation and argument being processed. The *destnode* value specifies the alert emitter.

System action

Alert processing for the event is terminated.

User response

Reduce the amount of data substituted into the command string by eliminating unnecessary attributes from the ARG *n* values specified for this event in the Situation Trap table (KFAASITR). If this error cannot be corrected, contact IBM Software Support.

KFAA005S UNABLE TO ALLOCATE KFAASITR TABLE

Explanation

An attempt to allocate a control block for the alert automation environment has failed. This error can occur when virtual storage is constrained.

System action

The automation environment cannot be initialized, and alert processing is disabled.

User response

Determine why the storage constraint occurred. If possible, increase storage limits for all the environments to be initialized, and then restart the Tivoli Enterprise Monitoring Server.

KFAA006S UNABLE TO INITIALIZE *lockname* ERRNO=*status*

Explanation

An attempt to initialize a lock (pthread_mutex_init) has failed. POSIX locks are used to serialize access and update to control blocks shared by multiple threads of execution. The *lockname* value specifies

the lock whose initialization failed. The *status* value indicates the POSIX error code.

System action

No further attempt is made to initialize the lock, and alert automation initialization terminates. Alerts are not transmitted to alert emitters.

User response

Contact IBM Software Support.

KFAA008W KFAASITR LOOKUP TABLE IS EMPTY

Explanation

No destination node entries for alert emitters were specified in the Situation Trap table. This is a warning message.

System action

Alert automation is disabled until the table is refreshed.

User response

If alert automation is desired, review the contents of the Situation Trap table file, KFAASITR. Correct any syntax errors reported by messages issued previous to this message. After you correct the KFAASITR file, issue a KFAASITR REFRESH console command (z/OS Tivoli Enterprise Monitoring Server only) or restart the SMAF process to activate the new situation traps.

KFAA009W KFAASITR COULD NOT BE OPENED

Explanation

The Situation Trap table (KFAASITR file) could not be found in the runtime parameter persistent data store (z/OS Tivoli Enterprise Monitoring Server) or the /tables directory (UNIX Tivoli Enterprise Monitoring Server). This is a warning message.

System action

Alert automation is disabled until the table is refreshed.

User response

If alert automation is desired, ensure that the Situation Trap table file KFAASITR exists and contains at least one destination node entry. After the KFAASITR file has been created, issue a KFAASITR REFRESH console command (z/OS Tivoli Enterprise Monitoring Server

only) or restart the SMAF process to activate the new situation traps.

KFAA010E DESTNODE NOT SPECIFIED IN LINE *line* NEAR token

Explanation

The DESTNODE tag was not specified in an entry for the Situation Trap table (KFAASITR file). The DESTNODE tag must be specified for each entry in the table. The *line* value specifies the line number in the KFAASITR runtime parameter file in which the error was detected. The token value indicates text near the entry where the destination node was not specified.

System action

The current entry is ignored, and processing continues with the next entry in the table.

User response

Correct the invalid Situation Trap table entry by ensuring that a DESTNODE tag is specified. Also ensure that each entry ends with a semicolon (;).

KFAA011E INVALID KFAASITR PARM=*parm*

Explanation

An unexpected KFAASITR command parameter was specified. A MODIFY command issued to the z/OS Tivoli Enterprise Monitoring Server address space has the following syntax:

```
MODIFY cmsjobname,CTDS KFAASITR parm
```

Where *cmsjobname* is the jobname of the Tivoli Enterprise Monitoring Server address space and *parm* is one of the following:

- REFRESH: Reread the contents of the KFAASITR file to reinitialize the Situation Trap table.
- DISPLAY: Display the current contents of the Situation Trap table in memory.
- TESTSIT: Simulate the detection of a situation (named TestSituation) to verify proper operation of the alert automation environment and the alert emitters.

System action

The KFAASITR console command is ignored.

User response

Change the KFAASITR command parameter to one of those listed above.

KFAA012W	UNABLE TO ESTABLISH KFAASITR COMMAND STATUS=<i>status</i> REASON=<i>reason</i>
-----------------	---

Explanation

An attempt to establish the KFAASITR console command in an z/OS Tivoli Enterprise Monitoring Server environment has failed. The *status* and *reason* values indicate the status code and reason issued by the internal service function, OPER_DefineCommand.

System action

The KFAASITR command will not be accepted for the life of the z/OS Tivoli Enterprise Monitoring Server address space.

User response

Contact IBM Software Support.

KFAA013E	MISSING SEMICOLON IN LINE <i>line</i> NEAR <i>token</i>
-----------------	--

Explanation

The end of the KFAASITR file containing Situation Trap table entries was found before the last entry in the table ended with a semicolon. The *line* value specifies the line number in the KFAASITR runtime parameter file in which the error was detected. The *token* value indicates text near the entry where the destination node was not specified. This is a warning message.

System action

The last entry is processed and accepted if no syntax errors are detected.

User response

Review the KFAASITR file and ensure that all entries in the file end with a semicolon (;).

KFAA014W	MULTIPLE VALUES DETECTED FOR <i>tag</i> IN LINE <i>line</i> NEW VALUE=<i>new</i> OLD=<i>old</i> CHECK SEMICOLONS
-----------------	---

Explanation

A duplicate tag was found for an entry in the Situation Trap table KFAASITR.

System action

The last value for the tag is accepted for the entry.

User response

Review the contents of the KFAASITR file and ensure that a single value is specified for each tag. Also check to ensure that all entries in the file end with a semicolon (;).

KFAA015E	UNABLE TO LOAD <i>mod entry</i> STATUS=<i>status</i> REASON=<i>reason</i>
-----------------	--

Explanation

An attempt to load a module into storage or to locate the address of a module in storage has failed. The *mod entry* value specifies the name of the module that could not be loaded. The *status* value is the STC1 status code associated with the error. The *reason* value is the RSN1 reason code associated with the error.

System action

The call to the module is aborted.

User response

Ensure that the libraries have been properly installed and configured. Contact IBM Software Support.

KFAA020E	INVALID LENGTH=<i>length</i> FOR <i>tag</i>="<i>value</i>" IN LINE <i>reason</i>
-----------------	---

Explanation

The value specified for a tag in the Situation Trap table KFAASITR has exceeded the maximum length for the tag. The maximum length varies for each tag. The *length* value specifies the maximum length acceptable for the tag. The *tag* and its value are specified in tag and value. The *line* value specifies the line number in the KFAASITR runtime parameter file in which the error was detected.

System action

The tag is ignored, and syntax checking continues with the next tag for the current entry. The current entry is not accepted.

User response

Correct the invalid length. After you update the KFAASITR file, issue a KFAASITR REFRESH console command (z/OS Tivoli Enterprise Monitoring Server

only) or restart the SMAF process to activate the new situation traps.

KFAA021E **INVALID VALUE FOR *tag=value* IN
LINE *line***

Explanation

The value specified for a tag in the Situation Trap table KFAASITR is not acceptable. The *tag* and the value specified for it are shown in tag and value. The *line* value specifies the line number in the KFAASITR runtime parameter file in which the error was detected.

System action

The tag is ignored, and syntax checking continues with the next tag for the current entry. The current entry is not accepted.

User response

Correct the invalid value. After the KFAASITR file has been updated, issue a KFAASITR REFRESH console command (z/OS Tivoli Enterprise Monitoring Server only) or restart the SMAF process to activate the new situation traps.

KFAA022E **INVALID SYNTAX: *badtag* IN LINE
*line***

Explanation

A tag specified in the Situation Trap table KFAASITR is not acceptable. The *badtag* value specifies the unexpected entry. The *line* value specifies the line number in the KFAASITR runtime parameter file in which the error was detected.

System action

The tag is ignored, and syntax checking continues with the next tag for the current entry. The current entry is not accepted.

User response

Correct the invalid tag. Ensure that the tag is spelled properly and specified in upper case. After you update the KFAASITR file, issue a KFAASITR REFRESH console command (z/OS Tivoli Enterprise Monitoring Server only) or restart the SMAF process to activate the new situation traps.

KFAA023E **UNABLE TO ALLOCATE *tag=value***

Explanation

The storage required to store the value associated with a tag in the Situation Trap table KFAASITR could not be allocated. The *tag* and its value are specified in tag and value.

System action

The tag is ignored, and syntax checking continues with the next tag for the current entry. The current entry is not accepted.

User response

Correct the invalid value. Ensure that the tag is spelled properly and specified in upper case. After you update the KFAASITR file, issue a KFAASITR REFRESH console command (z/OS Tivoli Enterprise Monitoring Server only) or restart the SMAF process to activate the new situation traps.

KFAA024E **ENDING QUOTE FOR TAG VALUE
NOT FOUND IN LINE *line***

Explanation

The value specified for an entry in the Situation Trap table KFAASITR was not properly enclosed in quotes.

System action

The tag is ignored, and syntax checking continues with the next tag for the current entry. The current entry is not accepted. The line value specifies the line number in the KFAASITR runtime parameter file in which the error was detected.

User response

Make sure that end quotes are specified in quoted values. Strings enclosed in quotes are processed as specified, and no attribute substitution is performed for these values (if tags are ARG1-ARG9). After you update the KFAASITR file, issue a KFAASITR REFRESH console command (z/OS Tivoli Enterprise Monitoring Server only) or restart the SMAF process to activate the new situation traps.

KFAA025E **WILDCARD NOT ALLOWED IN
tag=value IN LINE *line***

Explanation

An asterisk was specified in the value associated with a tag in the Situation Trap table KFAASITR, but the value for this tag cannot be a wildcard. The tag and its specified value are shown in *tag* and *value*. The *line* value specifies the line number in the

KFAASITR runtime parameter file in which the error was detected.

System action

The tag is ignored, and syntax checking continues with the next tag for the current entry. The current entry is not accepted.

User response

Correct the invalid value. After you update the KFAASITR file, issue a KFAASITR REFRESH console command (z/OS Tivoli Enterprise Monitoring Server only) or restart the SMAF process to activate the new situation traps.

KFAA026E **TOO MANY WILDCARDS IN**
tag=value IN LINE line

Explanation

Two or more asterisks were specified in the value associated with a tag in the Situation Trap table KFAASITR, but only a single wildcard character is acceptable. The tag and its specified value are shown in *tag* and *value*. The *line* value specifies the line number in the KFAASITR runtime parameter file in which the error was detected.

System action

The tag is ignored, and syntax checking continues with the next tag for the current entry. The current entry is not accepted.

User response

Correct the invalid value. After you update the KFAASITR file, issue a KFAASITR REFRESH console command (z/OS Tivoli Enterprise Monitoring Server only) or restart the SMAF process to activate the new situation traps.

KFAA030E **oper SQL ERROR ON hdsee sql1api**
STATUS=status

Explanation

An attempt to transmit an action request to an alert emitter has failed during SQL processing. The *oper* value specifies the SQL operation which failed. The *sql1api* value specifies the SQL1 service function which failed. The *status* value specifies the SQL1 status code returned by the function.

System action

The alert automation action is terminated, and no further attempt is made to transmit the request to the alert emitter.

User response

Contact IBM Software Support.

KFAA040I **ACTION STARTED**
FOR SITNAME=sitname
DESTNODE=destnode STATE=state
REQUESTID=requestid

Explanation

An alert automation action request has been successfully transmitted to an alert emitter. This is an informational message.

The *sitname* value specifies the situation associated with the alert. The *destnode* value specifies the alert emitter. The *state* value specifies the current state of the associated event:

- 1 The situation has become true.
- 2 The situation has become false.

The *requestid* value is a unique integer assigned to the action request.

System action

The alert emitter proceeds to issue alerts or execute automation scripts for the alert.

User response

None.

KFAA041I **TEMS=commandstring**

Explanation

This informational message follows message KFAA040I. The *commandstring* value specifies the formatted command string transmitted to the alert emitter.

System action

The alert emitter proceeds to issue alerts or execute automation scripts for the alert.

User response

None.

KFAA042E **NO RESPONSE**
FROM DESTNODE=destnode

FOR SITNAME=*sitname*
ORIGINNODE=*originnode*
STATE=*state* ERRNO=*status*
REQUESTID=*reqid*

Explanation

This message follows messages KFAA040I and KFAA041I. No response was received within 60 seconds from the alert emitter responsible for alert automation requests.

The *destnode* value specifies the alert emitter. The *sitname* value specifies the situation associated with the alert. The *originnode* value specifies the node from which the situation event was collected. The *state* value specifies the current state of the associated event:

- 1 The situation has become true.
- 2 The situation has become false.

The *status* value is the error number returned by the `pthread_cond_timedwait` service function. The *reqid* value is the unique integer request ID assigned to the action request.

System action

No further action is taken to determine the final disposition of the alert action request.

User response

End-user automation scripts must be written to complete execution as soon as possible. If automation scripts cannot complete within 60 seconds, a new thread of execution should be started by the automation script so that the successful response of automation can be recorded in the Tivoli Enterprise Monitoring Server message log. If this error persists, review the execution log provided by the alert emitter to determine whether automation failures have occurred.

KFAA050I **ACTION COMPLETED**
FOR SITNAME=*sitname*
DESTNODE=*destnode* STATE=*state*
RC=*rc* REQUESTID=*requestid*

Explanation

This informational message indicates the success or failure of an action request executed by an alert emitter, and marks the completion of the request.

The *sitname* value specifies the situation associated with the alert. The *destnode* value specifies the alert emitter. The *state* value specifies the current state of the associated event:

- 1 The situation has become true.
- 2 The situation has become false.

The *rc* value specifies the return code issued by the automation script or by the alert sub-agent:

- **Zero:** Successful completion. Other Automation or alert processing failure. You can find further information about the failure in the message log of the alert emitter.
- **2:** The situation has become false.

The *requestid* value is a unique integer assigned to the action request.

System action

No further processing is performed for the event.

User response

None.

KFAA051W **DESTNODE=*destnode* OFFLINE**
FOR SITNAME=*sitname*
ORIGINNODE=*originnode*
STATE=*state*
REQUESTID=*requestid*

Explanation

An attempt to distribute an action request to an alert emitter has failed because the alert emitter is off-line and cannot be reached.

The *destnode* value specifies the alert emitter. The *sitname* value specifies the situation associated with the alert. The *originnode* value specifies the node from which the situation event was collected. The *state* value specifies the current state of the associated event:

- 1 The situation has become true.
- 2 The situation has become false.

The *requestid* value is a unique integer assigned to the action request.

System action

No further action is taken to transmit the action request to the alert emitter.

User response

If this message persists, ensure that the alert emitter is started and registered with the Tivoli Enterprise Monitoring Server. If the alert emitter is properly started, an entry for the emitter will appear in the

Nodes folder on the Candle Management Workstations desktop.

If the emitter continues to remain off-line and alerts no longer need to be distributed to the emitter, update the Situation Trap table KFAASITR to remove the entry for the off-line alert emitter. After you update the KFAASITR file, issue a KFAASITR REFRESH console command (Tivoli Enterprise Monitoring Server on z/OS only) or restart the SMAF process to activate the new situation traps.

KFAA060W UNABLE TO READ *kdsconfg* FILE

Explanation

An attempt to read the *kdsconfg* file from the Tivoli Enterprise Monitoring Server configuration file directory (/tables directory) has failed.

System action

No connection to Tivoli Enterprise Monitoring Server can be established for alert automation processing. Alert processing is disabled.

User response

Ensure that the SMAF process is started from the proper directory and that the *kdsconfg* file is present. Restart Tivoli Enterprise Monitoring Server after corrections have been made.

KFAA070I USING TEMS NODE=*nodename*

Explanation

The Tivoli Enterprise Monitoring Server node specified in the *nodename* value will be used to issue action requests to alert emitters. This is an informational message.

System action

Alert automation environment initialization continues.

User response

None.

**KFAA090I KFAASITR REFRESHED.
STATUS=*status***

Explanation

This message is issued to indicate the completion of a KFAASITR REFRESH command (z/OS Tivoli Enterprise Monitoring Server only) to refresh the Situation Trap table. The *status* value indicates the status code issued by refresh processing:

System action

If a zero value for the status is displayed, a new Situation Trap table is established, and subsequent events are processed from the updated entries in the table.

User response

If a non-zero value for the status is displayed, determine the cause of the failure by reviewing messages issued before this message.

KFAA091I TESTSIT INVOKED. STATUS=*status*

Explanation

This message is issued to indicate the completion of a KFAASITR TESTSIT command (z/OS Tivoli Enterprise Monitoring Server only) to simulate the occurrence of a real event and to test the current Situation Trap table entries. The command triggers a dummy situation named **TestSituation**. The *status* value indicates the status code issued by test processing:

System action

If a zero value for the status is displayed, the Situation Trap table was searched and action requests were issued (if the simulated event matched any entries in the table).

User response

If a non-zero value for the status is displayed, determine the cause of the failure by reviewing messages issued before this message.

KFAA092I ACTIONS HAVE BEEN DISABLED

Explanation

An attempt to initialize the alert automation environment or to read the KFAASITR file to initialize the Situation Trap table has failed.

System action

Alert automation is disabled.

User response

Review messages issued before this message, and take appropriate action based on those messages.

**KFAA093I ACTION ENVIRONMENT
INITIALIZE**

Explanation

This informational message indicates that the alert automation environment has been successfully initialized.

System action

Situation events matching those defined in the Situation Trap table will cause action requests to be distributed to alert emitters.

User response

None.

KFAA094I **KFAASITR LOOKUP TABLE:**

Explanation

This informational message is issued in response to a KFAASITR DISPLAY console command (z/OS Tivoli Enterprise Monitoring Server only).

System action

The current contents of the Situation Trap table follow this message.

User response

None.

KFAA095I **IF SITNAME=*sitname* AND
ORIGINNODE=*originnode* AND
STATE=*state* THEN**

Explanation

This informational message displays the situation event data required to match the current entry in the Situation Trap table.

The *sitname* value specifies the situation name or name pattern for the entry. An asterisk indicates a wildcard character. The *originnode* value specifies the source where the situation data was collected. An asterisk indicates a wildcard character. The *state* value specifies the current state of the situation required to match an event. Valid values are TRUE, FALSE, UNKNOWN, or ANY.

System action

Message KFAA096I follows this message to display the action and alert emitter assigned to situation events that match this entry.

User response

None.

KFAA096I **DESTNODE=*destnode*
CALLTYPE=*calltype* SCRIPT=*script***

Explanation

This informational message, which follows message KFAA095I, displays the alert emitter destination node and the method to be used by the alert emitter to deliver the alert.

The *destnode* value specifies the alert emitter name. The *calltype* value specifies the call method to be used to deliver action requests and alerts to the alert emitter:

- **Zero:** An automation script (REXX exec) is executed by the alert emitter.
- **Non-zero:** The alert is forward to an alert subagent by the alert emitter.

The *script* value specifies the command to be executed (if CALLTYPE=0) or the name of the alert subagent to be notified (if CALLTYPE is non-zero).

System action

Message KFAA097I follows this message to display the action arguments to be passed to the alert emitter.

User response

None.

KFAA097I **ARGn=*value***

Explanation

This informational message, which follows message KFAA096I, lists all arguments to be passed in the formatted command string transmitted to alert emitters.

System action

The next Situation Trap table entry follows.

User response

None.

KFAA100I **STACK SIZES: OG=*curr/hih2o*
CT=*curr/hih2o* SNMP=*curr/hih2o***

Explanation

This informational message is issued after all Situation Trap table entries are displayed in response to a

KFAASITR REFRESH console command (z/OS Tivoli Enterprise Monitoring Server only). The message displays the number of elements cached for OG/z/OS, CT, and SNMP alert emitters.

The *curr* value indicates the current number of cached SQL1 requests stored. The *hih2o* value indicates the highwater mark of cached SQL1 requests created since the start of the Tivoli Enterprise Monitoring Server.

System action

None.

User response

None.

**KFAA193E ACTION ENVIRONMENT
INITIALIZATION ERROR=errno**

Explanation

The action environment could not be initialized because of a POSIX pthread_once service routine failure. The *errno* value shows the error number.

System action

No further action is taken to initialize the environment.

User response

Contact IBM Software Support.

**KFAA200E ACTION ENVIRONMENT NOT
INITIALIZED DISPLAY COMMAND
ENDED**

Explanation

This message is issued when a console command to display the situation trap table (as defined by the KFAASITR runtime parameter file) could not be executed because the action environment failed to initialize.

System action

No further action is taken to display the situation trap table.

User response

Review the messages issued before this message, to determine the cause of environment initialization failure.

**KFAOT001 Starting TEC Event Integration
facility. Time = <variable>**

Explanation

TEC Event Integration facility initialization in progress.

**KFAOT002 TEC Event Integration facility
started successfully.**

Explanation

TEC Event Integration facility has started successfully.

**KFAOT003 TEC Event Integration facility
startup failed. status = <variable>.**

Explanation

TEC Event Integration facility has failed to initialize.

**KFAOT004 TEC Event Integration facility has
ended.**

Explanation

TEC Event Integration facility has ended.

**KFAOT005 Load KFAOTTEV failed, status =
<variable>. TEC Event Integration
disabled.**

Explanation

Unable to load KFAOTTEV. KFAOMTEC dll may be missing or corrupt.

**KFAOT006 TEC Event Integration entered
quiesced mode**

Explanation

TEC Event Integration is refreshing the EIF configuration or mapping files or both.

**KFAOT007 TEC Event Integration exited
quiesced mode**

Explanation

TEC Event Integration finished refreshing the EIF configuration or mapping files or both.

**KFAOT008 TEC Event Integration not
enabled. Refresh command
ignored.**

Explanation

TEC Event Integration is not enabled. The **refresh** command is ignored.

KFAOT009 Refresh of EIF config and/or mapping files is successful.

Explanation

The refresh operation is successful.

KFAOT010 Refresh of EIF config and/or mapping files failed. Status <variable>.

Explanation

The refresh operation failed. See the Tivoli Enterprise Monitoring Server logs for details. The most common status codes follow:

- 1 Bad input.
- 5 No members found.
- 7 No memory.
- 8 Library I/O or system call error.

KFAOT011 Event destination <variable> no longer valid for situation <variable>.

Explanation

The specified event destination is no longer defined.

KFAOT012 <variable> attribute file <variable> successfully refreshed.

Explanation

TEC Event Forwarder has successfully processed the new or updated attribute file.

KFAOT013 Load KFAOTRFH failed, status=<variable>. The TEC Event Integration product refreshing is disabled.

Explanation

Unable to load KFAOTRFH. The KFAOMTEC library may be missing or corrupt.

KFAS001 Product <variable> cannot be seeded.

Explanation

The indicated product could not be seeded, because a required Tivoli Enterprise Monitoring Server (TEMS) service could not be loaded.

System action

None.

User response

Contact IBM Software Support.

KFASD001 Detected that product <variable> version <variable> id <variable> id version <variable> support files manually installed.

Explanation

During startup, the Tivoli Enterprise Monitoring Server (TEMS) determined that the support files for the specified product were manually installed.

System action

None.

User response

None.

KFASD002 Detected that product <variable> version <variable> id <variable> id version <variable> support files manually removed.

Explanation

During startup, the Tivoli Enterprise Monitoring Server (TEMS) determined that the version and catalog support files for the specified product were manually removed.

System action

None.

User response

If the specified version of this product is still in use, manually re-install the support files for the product and restart the Tivoli Enterprise Monitoring Server. Otherwise, no action is required.

KFASD003 Detected that product version was manually changed from <variable> to <variable> for

**product <variable> id <variable> id
version <variable>.**

Explanation

During startup, the Tivoli Enterprise Monitoring Server (TEMS) determined that a different version of an existing product was manually installed.

System action

None.

User response

If the new product support version does not match your product version, install the correct support files and restart the Tivoli Enterprise Monitoring Server. Otherwise, no action is required.

KFASD004 **Detected that catalog version <variable>, <variable> was manually replaced with version <variable>, <variable> for product <variable> version <variable> id <variable> id version <variable>.**

Explanation

During startup, the Tivoli Enterprise Monitoring Server (TEMS) determined that the catalog file for an installed product was manually replaced with a different catalog.

System action

None.

User response

If the new product catalog version is incorrect, install the correct support files for the product and restart the Tivoli Enterprise Monitoring Server. Otherwise, no action is required.

KFASD005 **Detected that the catalog is missing for product <variable> version <variable> id <variable> id version <variable>. Catalog version was <variable>, <variable>, state <variable>, status <variable>.**

Explanation

During startup, the Tivoli Enterprise Monitoring Server (TEMS) determined that the catalog for an installed product was removed. The most common status codes

(the value of the STATUS column in the TAPPLPROPS table) and their descriptions are:

0

Operation successful

1001

Request queued

1002

Out of memory

1003

Bad argument

1004

Not found

1005

System error

1006

Request for same product already in progress or queued

1007

KT1 error

1008

Self-Describing Agent (SDA) feature disabled at TEMS

1009

Hub not there

1010

TEMS shutdown in progress

1011

Invalid content in manifest file

1012

Wrong TEMS version

1013

Unsupported feature

1014

Unknown error

1015

Bad input argument

1016

Record updated by the manual install detection process

1017

Temp install error, agent expected to retry install request

1018

Error refreshing catalog files

1019

Error refreshing attribute files

1020

Error refreshing Omegamon2TEC files

1021

Time expired waiting for SDA install completion

1022

Seeding error

1023

SDA not initialized due to config error

System action

None.

User response

If the specified product is still in use, manually reinstall the support files and restart the Tivoli Enterprise Monitoring Server. Otherwise, no action is required.

KFASD006 **Detected failure state <variable>, status <variable>, in a prior auto install of product <variable> version <variable> id <variable> id version <variable>. State changed to <variable>.**

Explanation

During startup, the Tivoli Enterprise Monitoring Server (TEMS) determined that a prior attempt to automatically install the indicated product failed. Use **tacmd listappinstallrecs** to display the STATE of the application install records. The most common status codes (the value of the STATUS column in the TAPPLPROPS table) and their descriptions are listed in the description of message “KFASD005” on page 519.

System action

None.

User response

Follow the instructions in the IBM Tivoli Monitoring (ITM) documentation for recovering from automatic product installation failures.

KFASD007 **Detected failure STATE <variable>, STATUS <variable>, SEEDSTATE <variable>, in a prior auto install of PRODUCT <variable> VERSION <variable> ID <variable> IDVER <variable>.**

Explanation

During startup, the Tivoli Enterprise Monitoring Server (TEMS) determined that a prior attempt to automatically install the indicated product failed. The most common status codes (the value of the STATUS column in the TAPPLPROPS table) and their

descriptions are listed in the description of message “KFASD005” on page 519.

System action

None.

User response

Use tacmd **listappinstallrecs** to display the STATE of the application install records. Follow the instructions in the IBM Tivoli Monitoring (ITM) documentation for recovering from automatic product installation failures.

KFASD008 **Detected an incomplete automatic install of product <variable> version <variable> id <variable> id version <variable>: state <variable>, status <variable>. State promoted to <variable>.**

Explanation

During startup, the Tivoli Enterprise Monitoring Server (TEMS) determined that a prior attempt to automatically install the indicated product did not finish. The most common status codes (the value of the STATUS column in the TAPPLPROPS table) and their descriptions are listed in the description of message “KFASD005” on page 519.

System action

None.

User response

Use tacmd **listappinstallrecs** to display the STATE of the application install records. Follow the instructions in the IBM Tivoli Monitoring (ITM) documentation for recovering from automatic product installation failures.

KFASD009 **Self-Describing Agent feature enabled on local TEMS.**

Explanation

Initialization of the Self-Describing Agent (SDA) feature has successfully completed on the local Tivoli Enterprise Monitoring Server (TEMS) and is available for use.

System action

None.

User response

If you do not want SDA to be enabled on the local TEMS, you must set the KMS_SDA=N environment variable. Otherwise, no action is required.

KFASD010 **Self-Describing Agent feature disabled on local TEMS.**

Explanation

The Self-Describing Agent (SDA) feature is disabled on the local Tivoli Enterprise Monitoring Server (TEMS) because the KMS_SDA=N environment variable has been specified.

System action

None.

User response

If you want SDA to be enabled on the local TEMS, you must set the KMS_SDA=Y environment variable. Otherwise, no action is required.

KFASD011 **Self-Describing Agent feature disabled on local TEMS because of error during initialization.**

Explanation

The Self-Describing Agent (SDA) feature is disabled on the local Tivoli Enterprise Monitoring Server (TEMS) because an error occurred while the components of the SDA feature were being constructed and initialized.

System action

None.

User response

View the TEMS product log to find specific information pertaining to the SDA initialization error.

KFASD012 **Self-Describing Agent feature disabled on local TEMS because TEMS_MANIFEST_PATH length <variable> exceeds maximum length <variable>**

Explanation

The Self-Describing Agent (SDA) feature is disabled on the local Tivoli Enterprise Monitoring Server (TEMS) because the length of the directory value specified in the TEMS_MANIFEST_PATH environment variable exceeds the 512 character limit.

System action

None.

User response

If you want to use the SDA feature, you must ensure that a valid TEMS_MANIFEST_PATH environment variable has been specified in the TEMS configuration file.

KFASD013 **Self-Describing Agent feature disabled on local TEMS because TEMS_MANIFEST_PATH not specified.**

Explanation

The Self-Describing Agent (SDA) feature is disabled on the local Tivoli Enterprise Monitoring Server (TEMS) because a required environment variable, TEMS_MANIFEST_PATH, has not been specified to indicate the directory where SDA files should be installed.

System action

None.

User response

If you want to use the SDA feature, you must ensure that a valid TEMS_MANIFEST_PATH environment variable has been specified in the TEMS configuration file.

KFASD014 **Self-Describing Agent feature disabled on local TEMS because Distributed Request Manager failed to initialize.**

Explanation

The Self-Describing Agent (SDA) feature is disabled on the local Tivoli Enterprise Monitoring Server (TEMS) because a vital component of the SDA feature, the Distributed Request Manager, failed to initialize.

System action

None.

User response

View the TEMS product log to find specific information pertaining to the Distributed Request Manager initialization error.

KFASD015 **Self-Describing Agent feature disabled on local TEMS because Notification Manager failed to initialize.**

Explanation

The Self-Describing Agent (SDA) feature is disabled on the local Tivoli Enterprise Monitoring Server (TEMS) because a vital component of the SDA feature, the Notification Manager, failed to initialize.

System action

None.

User response

View the TEMS product log to find specific information pertaining to the Notification Manager initialization error.

KFASD016 **Self-Describing Agent feature disabled on local TEMS because SDM Request Manager thread failed to initialize.**

Explanation

The Self-Describing Agent (SDA) feature is disabled on the local Tivoli Enterprise Monitoring Server (TEMS) because a vital component of the SDA feature, the SDM Request Manager thread, failed to initialize.

System action

None.

User response

View the TEMS product log to find specific information pertaining to the SDM Request Manager thread initialization error.

KFASD017 **Self-Describing Agent feature disabled on local TEMS because of failure to allocate <&1> bytes for SDM Communication Area.**

Explanation

The Self-Describing Agent (SDA) feature is disabled on the local Tivoli Enterprise Monitoring Server (TEMS) because a vital component of the SDA feature, the SDM Communication Area, could not be allocated.

System action

None.

User response

View the TEMS product log to determine if there is a severe memory shortage problem in this TEMS or if there are other errors relevant to the inability to allocate the SDM Communication Area.

KFASD018 **Self-Describing Agent feature has config <variable> at hub TEMS. SDA also being disabled at this remote TEMS.**

Explanation

While (re)connecting to the hub Tivoli Enterprise Monitoring Server (TEMS), this remote TEMS detected that the Self-Describing Agent (SDA) feature is not enabled at the hub because the environment variable, KMS_SDA=N, has been specified at the hub. Therefore, the SDA feature must also be disabled at this remote TEMS to prevent SDA requests from being sent to the hub.

System action

None.

User response

If you require SDA support at this remote TEMS, you must ensure that KMS_SDA=Y is also specified at the associated hub TEMS.

KFASD019 **Self-Describing Agent feature has config <variable> status <variable> at hub TEMS. SDA also being disabled at this remote TEMS.**

Explanation

While (re)connecting to the hub Tivoli Enterprise Monitoring Server (TEMS), this remote TEMS detected that the Self-Describing Agent (SDA) feature is not enabled at the hub because of an error encountered during the hub's SDA initialization. Therefore, the SDA feature must also be disabled at this remote TEMS to prevent SDA requests from being sent to the hub.

System action

None.

User response

The error status code value from the hub can be one of the following:

1. SDA initialization failed
2. ITM_HOME/CANDLEHOME directory not specified

3. TEMS_MANIFEST_PATH env var not specified
4. TEMS_MANIFEST_PATH directory length exceeds maximum
5. TEMS_MANIFEST_PATH directory doesn't exist
6. KMS_SDA env var contains unexpected value
7. SDA Distributed Request Manager failed to initialize
8. SDA Notification Manager failed to initialize
9. Unable to create SDA Request Manager thread
10. SDA disabled at HUB, disabling at RTEMS
11. SDA error status at HUB, disabling at RTEMS
12. SDA status unknown at HUB, disabling at RTEMS
13. Unable to contact HUB for SDA status, disabling at RTEMS
14. SDA Broadcast Request Manager failed to initialize
15. Unable to create SDA Broadcast Manager thread
16. KMS_SDA=N configured on local TEMS
17. CMS_FTO=YES configured on local TEMS

You can also view errors in the hub TEMS product log to obtain additional information as to why SDA is not available there. After the problem at the hub has been corrected, the SDA feature will be enabled at this remote TEMS following the next hub connection.

KFASD020 **Self-Describing Agent feature has config <variable> at hub TEMS. SDA also being disabled at this remote TEMS.**

Explanation

While (re)connecting to the hub Tivoli Enterprise Monitoring Server (TEMS), this remote TEMS was not able to obtain the status of the Self-Describing Agent (SDA) feature at the hub. Because the hub SDA feature may be inactive or non-responsive, the feature must also be disabled at this remote TEMS to prevent SDA requests from being sent to the hub.

System action

None.

User response

If you require SDA support at this local RTEMS, you should view the hub TEMS product log to find information pertaining to the status of SDA, and if there were errors encountered during SDA initialization or operation at the hub. After the problem at the hub has been corrected, the SDA feature will be enabled at this remote TEMS following the next hub connection.

KFASD021 **Self-Describing Agent feature has been enabled at hub TEMS. SDA also being enabled at this remote TEMS.**

Explanation

While (re)connecting to the hub Tivoli Enterprise Monitoring Server (TEMS), this remote TEMS detected that the Self-Describing Agent (SDA) feature has been enabled at the hub. Therefore, the feature can now be enabled at this remote TEMS.

System action

None.

User response

If you do not want SDA to be enabled at this remote TEMS, you must set the KMS_SDA=N environment variable. Otherwise, no action is required.

KFASD022 **Unexpected value <variable> found in KMS_SDA environment variable. Self-Describing Agent feature disabled on local TEMS.**

Explanation

The Self-Describing Agent (SDA) feature is disabled on the local Tivoli Enterprise Monitoring Server (TEMS) because the KMS_SDA environment variable has been assigned an undefined value. The only two supported values are Y for enabling the SDA feature, and N for disabling the feature.

System action

None.

User response

Correct the KMS_SDA environment variable to assign it either a Y or N value.

KFASD023 **Unable to contact hub TEMS, status <variable>, to determine if Self-Describing Agent feature is enabled.**

Explanation

This remote Tivoli Enterprise Monitoring Server (TEMS) was not able to communicate with its hub to obtain the status of the Self-Describing Agent (SDA) feature at the hub.

System action

None.

User response

View the TEMS product logs for both the hub and remote TEMS to determine the cause of the communication failure between the remote and hub TEMS.

KFASD024 **Self-Describing Agent feature disabled on local TEMS because <variable> not specified.**

Explanation

The Self-Describing Agent (SDA) feature is disabled on the local Tivoli Enterprise Monitoring Server (TEMS) because the required ITM home directory was not specified.

System action

None.

User response

Ensure that the ITM home directory has been properly specified in the Tivoli Enterprise Monitoring Server configuration file.

KFASD025 **Self-Describing Agent feature disabled on local TEMS because TEMS_MANIFEST_PATH <variable> not found.**

Explanation

The Self-Describing Agent (SDA) feature is disabled on the local Tivoli Enterprise Monitoring Server (TEMS) because a required environment variable, TEMS_MANIFEST_PATH, has been assigned a directory that does not exist in the local file system.

System action

None.

User response

If you want to use the SDA feature, you must ensure that a valid directory has been specified for the TEMS_MANIFEST_PATH environment variable in the Tivoli Enterprise Monitoring Server configuration file.

KFASD026 **The remote TEMS has become disconnected from the HUB while performing a SDA synchronization.**

Explanation

This remote Tivoli Enterprise Monitoring Server (TEMS) encountered a communication failure with the hub during a Self-Describing Agent (SDA) request. SDA requests cannot be honored until the connection is re-established.

System action

None.

User response

View the TEMS product logs for both the hub and remote TEMS to determine the cause of the communication failure between the remote and hub TEMS. Once the failure has been corrected, SDA request support can be resumed.

KFASD027 **Unexpected failure <variable> during RTEMS SDA synchronization with the HUB.**

Explanation

This remote Tivoli Enterprise Monitoring Server (TEMS) encountered an unexpected failure with the hub during the Self-Describing Agent (SDA) synchronization phase. The SDA feature is disabled at this remote TEMS.

System action

None.

User response

View the TEMS product logs for both the hub and remote TEMS to determine the location of the issue, and recycle the appropriate TEMS that is responsible for the issue. Once the remote TEMS reconnects, SDA request support can be resumed.

KFASD028 **Self-Describing Agent feature disabled on local TEMS because Broadcast Manager failed to initialize.**

Explanation

The Self-Describing Agent (SDA) feature is disabled on the local Tivoli Enterprise Monitoring Server (TEMS) because a vital component of the SDA feature, the Broadcast Manager, failed to initialize.

System action

None.

User response

View the Tivoli Enterprise Monitoring Server product log to find specific information pertaining to the Broadcast Manager initialization error.

KFASD030 **Detected seeding error, SEEDSTATE <variable>, STATE <variable>, STATUS <variable>, in a prior auto install of PRODUCT <variable> VERSION <variable> ID <variable> IDVER <variable>.**

Explanation

During startup, the Tivoli Enterprise Monitoring Server (TEMS) determined that a prior attempt to automatically Seed the indicated product encountered an error. Prior installation continued. Use the tacmd listappinstallrecs to display the STATE and SEEDSTATE of the application install records.

System action

None.

User response

View the previous TEMS product log to find specific information pertaining to the product seeding error.

KFASD031 ***variable* Self-Describing Agent install configurations record after RTEMS reconnected to HUB failed. status *variable***

Explanation

Processing of install configuration records after RTEMS reconnects to the HUB has failed. See the RTEMS RAS1 log for details.

System action

None.

User response

None.

KFASD100 **Self-Describing Install Started for PRODUCT <variable>, VER <variable>, ID <variable>, IDVER <variable>.**

Explanation

Self-Describing Agent installation has begun for the specified product.

System action

None.

User response

None.

KFASD101 **Self-Describing Install Completed Successfully for PRODUCT <variable>, VER <variable>, ID <variable>, IDVER <variable>.**

Explanation

Self-Describing Agent installation has successfully completed for the specified product.

System action

None.

User response

None.

KFASD102 **Self-Describing Install Failed with STATUS <&1> for PRODUCT <variable>, VER <variable>, ID <variable>, IDVER <variable>.**

Explanation

Self-Describing Agent installation has failed for the specified product.

System action

None.

User response

View the TEMS product log to find specific information pertaining to the product installation error.

KFASD103 **Self-Describing Agent Seeding Failed for PRODUCT <variable>, VER <variable>, ID <variable>, IDVER <variable>. Install continuing.**

Explanation

Self-Describing Agent seeding has failed for the specified product. The installation process has ignored the error, and is continuing with the product install.

System action

None.

User response

View the TEMS product log to find specific information pertaining to the product seeding error.

KFASD106 **FTO requested Self Describing Install at Mirror for PRODUCT <variable>, VER <variable>, ID <variable>, IDVER <variable>.**

Explanation

Self-Describing Agent installation has been requested at the Mirror for the specified product.

System action

None.

User response

None.

KFASD107 **Pending Self-Describing Install request is cancelled for PRODUCT <variable>, VER <variable>, ID <variable>, IDVER <variable> due to FTO hub switch.**

Explanation

Pending Self-Describing Agent requests are cancelled when a hub switch takes place to avoid connection error.

System action

None.

User response

None.

KFASD108 **Self-Describing Agent User Configuration Record *variable* Error detected by UserID <variable> at <variable> for PRODUCT <variable> ID <variable> OPTION <variable> reason <variable>.**

Explanation

The User Configuration Record change was in error and not accepted. Note that this message is generated only for the hub monitoring server, not the remote monitoring server. For a hub monitoring server v6.3 or later, the tacmd resumeSda command and tacmd suspendSda command are available at the hub, but

not at the downlevel remote monitoring server (for example, v6.2.3 Fix Pack 1).

System action

None.

User response

None.

KFASD109 **Self-Describing Agent User Configuration Record *variable* by UserID <variable> at <variable> for GRPID <variable> PRODUCT <variable> ID <variable> CONFIG <variable>.**

Explanation

The User Configuration Record was processed successfully. Note that this message is generated only for the hub monitoring server, not the remote monitoring server. For a hub monitoring server v6.3 or later, the tacmd resumeSda command and tacmd suspendSda command are available at the hub, but not at the downlevel remote monitoring server (for example, v6.2.3 Fix Pack 1).

System action

None.

User response

None.

KFASD110 **Self-Describing Agent feature *variable* on local TEMS.**

Explanation

The Self-Describing Agent (SDA) feature is suspended or resumed by a Suspend User Configuration Record change. Note that this message is generated only for the hub monitoring server, not the remote monitoring server. For a hub monitoring server v6.3 or later, the tacmd resumeSda command and tacmd suspendSda command are available at the hub, but not at the downlevel remote monitoring server (for example, v6.2.3 Fix Pack 1).

System action

None.

User response

None.

KFASD111 **Self-Describing Agent Initialization *variable* Record Error detected for PRODUCT <variable> ID <variable> OPTION <variable> reason <variable>.**

Explanation

The Initialization Record processing was in error and not completed.

System action

None.

User response

Review the TEMS product logs for the TEMS to determine the location of the issue. Correct the appropriate Record that is causing the issue. Restart the TEMS to initialize the SDA feature.

KFASD112 **Self-Describing Agent Suspend/Install User Configuration Features are *variable* at the hub TEMS.**

Explanation

This remote Tivoli Enterprise Monitoring Server (TEMS) has detected that the Self-Describing Agent (SDA) Suspend/Install User Configuration Features are <Not Supported> or <Now Available> at the hub (TEMS). Note that this message is generated only for the hub monitoring server, not the remote monitoring server. For a hub monitoring server v6.3 or later, the tacmd resumeSda command and tacmd suspendSda command are available at the hub, but not at the downlevel remote monitoring server (for example, v6.2.3 Fix Pack 1).

System action

None.

User response

The remote (TEMS) SDA feature will not process Suspend/Install User Configuration controls from the hub (TEMS) when it does not have support for the feature or will process Suspend/Install User Configuration Controls that the hub (TEMS) has recently upgraded support for.

KFASD190 **Self-Describing Agent feature terminated on the local TEMS.**

Explanation

The Self-Describing Agent (SDA) feature has been stopped.

System action

None.

User response

View the local TEMS product logs if the feature has not been stopped by normal TEMS shutdown to determine the location of the issue for SDA termination. Correct the appropriate issue. Start the local TEMS to restart the SDA feature.

KFAST001 **Agent node name error- *variable variable variable***

Explanation

An agent has attempted to insert itself with an invalid node name. The values given are the NODE name, THRUNODE name and HOSTADDR. NODE name is the incorrect name and HOSTADDR is the address of the computer on which the agent resides.

KFAST002 **Select request for the EIBLOG table cannot be performed at a remote TEMS.**

Explanation

Select request for the TEIBLOGT table was issued to this Tivoli Enterprise Monitoring Server. The TEIBLOGT is a hub Tivoli Enterprise Monitoring Server-only table and therefore the request cannot be processed.

KFAST003 **Take Action command *variable* completed with status of *variable*.**

Explanation

The Take Action command specified was executed with the identified result. This message reflects that status of the Take Action command. The first variable represents the command that was executed. The second variable is the status code from the execution of the action. This status code is operating system- or application-specific and indicates whether or not this Take Action command was executed only. For determination regarding success or failure for the action, refer to documentation associated with the action.

Operator response

If the result is not as expected, verify that the command configured successfully execute by issuing the command manually. This will ensure any necessary platform resources are available for the command to complete.

The following list describes the return codes for the KFAST003 message on z/OS systems:

0	Operation completed successfully
1	One or more attributes invalid
2	USERID attribute not supplied
3	COMMAND not supplied
4	Command not successfully executed
5	An unhandled exception occurred during command execution
6	Process not authorized
7	Command is too long
8	Heap storage unavailable
9	IBM Z NetView PPI rejected request
10	User ID is too long
11	Unable to assume user profile
12	Unable to restore user profile
13	Unable to restore user profile
14	An exception occurred during command execution
15	Unable to release user profile
16	Current profile unavailable

17

IBM Z NetView PPI interface CNMCNETV not loaded

KFAST004

Unsupported Node or Nodelist request: *variable*

Explanation

A request to add a node or nodelist to the Tivoli Enterprise Monitoring Server contained unsupported characters in either the nodename, thrunode, nodelist, affinities or nodetype. Typically this request is made by an IBM Tivoli Monitoring agent or probe attempting to connect to the Tivoli Enterprise Monitoring Server. One or some of the required values provided contained unsupported characters.

Operator response

Refer to the Tivoli Enterprise Monitoring Server log where the node, thrunode, nodelist, affinities, and nodetype values have been dumped. These rules apply:

- The rule set for supported values for node, thrunode, and nodelist: A-Z, a-z, 0-9, *-_: and space.
- Affinities must be 43 characters, and the static affinity rule set is A-Z, a-z, 0-9, * #.
- A dynamic affinity is indicated when the first character is a \$ or %. For dynamic affinities, the initial 23 characters are validated as follows:
 1. The valid dynamic affinity characters are A-Z, a-z, 0-9 and _.
 2. A single period is required to separate the vendor and app ID.
 3. Spaces are only supported as trailing characters in the dynamic portion before the static portion.
 4. The remaining 19 characters are validated using static affinity rules.
- The supported values for nodetype are: space, M and V.
- Additionally, nodelist, node, and thrunode values cannot start with a space, and node values cannot start with an *.

Examine the memory dump in the trace log to determine the illegal value that is being attempted. For further action, contact IBM.

KHD messages

Messages that begin with the KHD prefix are associated with the Warehouse Proxy Agent on both z/OS and distributed platforms.

KHD001 **Inserted *variable* rows of data into *variable* (application *variable*) for *variable***

Explanation

The Warehouse Proxy Agent successfully inserted data in the database table for the given agent managed system.

System action

None.

User response

None.

KHD004 **Stopped writing short-term historical data to files. Total size of historical files *variableKB* exceeded the maximum of *variableKB*.**

Explanation

Writing of historical data into the short term historical files has been suspended.

System action

The threshold specified by the variable KHD_TOTAL_HIST_MAXSIZE for the specified directory has been met and historical data writing to the short term history files has been suspended. After the data has been offloaded to the WPA and the threshold is no longer exceeded, writing of data will restart. If this does not happen, delete short term historical files to resume the write operation.

User response

None.

KHD005 **Restarted writing short-term historical data to files. Total size of historical files *variableKB* is now less than maximum of *variableKB*. Data was not recorded for *variable* hours**

Explanation

The threshold specified by the KHD_TOTAL_HIST_MAXSIZE is no longer being

exceeded, so writing of data into the short term history files has been resumed. No further action is necessary.

System action

None.

User response

None.

KHD006 **Export failed for attribute group *variable***

Explanation

An error occurred while attempting to export historical data to the Warehouse Proxy Agent to be inserted into the Tivoli Data Warehouse.

System action

None.

User response

The operator should inspect if the Warehouse Proxy Agent is active and running and if there are any problems with its connection to the database or between the agent and the Warehouse Proxy Agent.

KHD007 **History initialization failed for attribute group *variable***

Explanation

An error occurred while attempting to initialize the history collection for the given attribute group.

System action

None.

User response

The operator should check the log files where the error occurred for the details on the problem that resulted in failure to export the data after an upgrade introduced new columns to the attribute group.

KMS messages

The messages that begin with the KMS prefix are associated with the Tivoli Enterprise Monitoring Server on both z/OS and distributed platforms.

KMS0101 **Tivoli Enterprise Monitoring Server (TEMS) shutdown requested.**

Explanation

A request to shutdown the Tivoli Enterprise Monitoring Server (TEMS) has been received.

KMS0150 **Tivoli Enterprise Monitoring Server (TEMS) shutdown deferred.**

Explanation

A request to shutdown the Tivoli Enterprise Monitoring Server (TEMS) has been received but cannot be processed immediately. Shutdown will proceed as soon as possible.

KO4 messages

The messages that begin with the KO4 prefix are associated with the Tivoli Enterprise Monitoring Server, both on the distributed and z/OS platforms.

KO40017 **Distributed request failed for variable with status= variable.**

Explanation

The Tivoli Enterprise Monitoring Server (TEMS) program encountered a communications error.

Operator response

A communications error has occurred. The TEMS is not connected to the HUB. Correct the condition causing the communications error.

KO41031 **Situation *variable* is true.**

Explanation

Situation *variable* is occurring. This situation continues to be true until message KO41032 is written to the Tivoli Enterprise Monitoring Server (TEMS) product log.

Operator response

If you have AUTOMATED FACILITIES, you may want to define or start a policy.

KO41032 **Situation *variable* is no longer true.**

Explanation

Situation *variable* is no longer occurring.

Operator response

View all error messages that were logged to the Tivoli Enterprise Monitoring Server product. Message KO41031 shows you when the situation *variable* became true.

KO41034 **Monitoring for situation *variable* ended.**

Explanation

Monitoring for non-enterprise situation *variable* ended. AUTOMATED FACILITIES policies may also end situations.

KO41035 **Object *variable* changed by *variable*.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

KO41036 **Monitoring for situation *variable* started.**

Explanation

You may start a situation using a start situation command. All situations defined to autostart do so during the start of Tivoli Enterprise Monitoring Server (TEMS) processing. AUTOMATED FACILITIES policies may also start situations.

KO41037 **Situation *variable* is no longer true.**

Explanation

Situation *variable* is no longer occurring.

Operator response

View all error messages that were logged to the Tivoli Enterprise Monitoring Server (TEMS) product

log. Message KO41031 shows you when the situation became true.

KO41038 **Situation *variable* is true.**

Explanation

Situation *variable* is occurring. This situation continues to be true until message KO41037 is written to the Tivoli Enterprise Monitoring Server (TEMS) product log.

Operator response

If you have AUTOMATED FACILITIES, you may want to define or start a policy.

KO41039 **Error in request *variable*. Status=*variable*. Reason=*variable*.**

Explanation

The Tivoli Enterprise Monitoring Server (TEMS) program encountered an error.

Operator response

The following lists possible error codes. If a reason code appears that is not on this list, note it and contact IBM Software Support.

Status/Return code	Meaning
1131	Embedded situation not found. -- Check to make sure that all embedded situations exist. If they do, call your service representative.
1133	Incorrect attribute name. Verify that the correct version of application support files for the application in error has been installed on the Tivoli Enterprise Monitoring Server and restart the Tivoli Enterprise Monitoring Server.
1134	Configuration file in library not found or damaged. -- Install the product again.
1136	Object not found. -- Delete and create the object again. If problem occurs again, contact your service representative.
1145	Incorrect situation name supplied. -- Contact your service representative.
1168	More than 10 levels of embedded situations found. -- Simplify your situation.
1174	Cannot retrieve current attributes for event type situation.

Status/Return code	Meaning
1178	Situation definition is too complex and exceeds system capacity. -- Simplify your situation.
1200	Unexpected *AND
1201	Unexpected *OR
1202	Parenthesis do not match
1203	Generic rule syntax error
1204	Bad comparison operator
1205	Number of subrules exceeds limit
1206	Number of embedded situations exceeds limit
1207	Bad network rule syntax
1208	Rule too complex for reflex
1209	A list enclosed in '(' and ')' is expected
1210	Bad logical operator
1211	Bad argument passed to a function

KO41041 **Enterprise situation *variable* is true.**

Explanation

A situation, such as CPU greater than 90%, is occurring at the time and date indicated. Situation continues to be true until message KO41042 is written to the log.

KO41041I **SITUATION EVENT**
situation_event_id
situation_name:node_name
 <*optional_display_item_value*> T|F
user_supplied_content

Explanation

This message is created by the situation Take Action command **ZOSWTO**. A multi-line WTO message is generated when the situation for which the **ZOSWTO** is defined occurs. The message is issued on the z/OS monitoring server (TEMS) that an agent is connected to or on a z/OS agent (TEMA).

The event is identified in the WTO message by the *situation_event_id*. *situation_name* is the name of the situation, and *node_name* is the origin node related to the event. *optional_display_item_value* is the display item, if one is defined for the situation.

This message is produced when the situation is true (T) or false (F). The *user_supplied_content* is the content as defined in the **ZOSWTO** command. When the situation is false, the values of any substitution variables in the *user_supplied_content* are N/A.

The message data is divided into 70-character sections on a maximum of five consecutive lines.

K041042 **Enterprise situation *variable* is no longer true.**

Explanation

The status is no longer true for this situation.

Operator response

View all error messages that were logged to the Tivoli Enterprise Monitoring Server (TEMS) product log. Message K041041 shows you when the situation *variable* became true.

K041044 **Monitoring for enterprise situation *variable* ended.**

Explanation

A user or program ended a running situation. AUTOMATED FACILITIES policies may also end situations.

K041046 **Monitoring for enterprise situation *variable* started.**

Explanation

A situation has been started. Possible reasons are:

1. As soon as the Tivoli Enterprise Monitoring Server starts, all situations set as autostart will be started automatically.
2. New situations marked as autostart will also start automatically as soon as they are created or changed.
3. A situation has been manually started from the Tivoli Enterprise Portal.
4. A policy has changed the situation state from stopped to started.

K041047 **Situation *variable* distribution *variable* *variable*.**

Explanation

A situation is distributed or undistributed.

K041048 **Policy *variable* distribution *variable* *variable*.**

Explanation

A policy is distributed or undistributed.

K041050 **Monitoring for situation *variable* paused due to unresolved attributes.**

Explanation

One or more attributes used in this situation are not defined. The situation is paused until corresponding attribute files are added or updated.

K041052 **Monitoring for enterprise situation *variable* paused due to unresolved attributes.**

Explanation

One or more attributes used in this situation are not defined. The situation is paused until corresponding attribute files are added or updated.

K041054 **Monitoring for situation *variable* resumes.**

Explanation

Monitoring for situation *variable* resumes.

K041056 **Monitoring for enterprise situation *variable* resumes.**

Explanation

Monitoring for enterprise situation *variable* resumes.

K042076 **Operator reply required for Policy *variable*.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

K046254 **Situation *variable* was reset.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

K046255 **Situation definition *variable* was updated by *variable*.**

Explanation

The situation definition was updated.

K046256 **Situation definition *variable* was created by *variable*.**

Explanation

The situation definition was created.

K046257 **Situation definition *variable* was deleted by *variable*.**

Explanation

The situation definition was deleted.

K046258 **Predicate compare value *variable* for predicate *variable* is not valid.**

Explanation

The predicate compare value *variable* for the predicate *variable* is not valid. It must be numeric.

Operator response

Change the compare value to be numeric.

K046259 **Name not allowed for the message queue library name.**

Explanation

Select a message queue in another library.

K046260 **Predicate data cannot contain a blank field.**

Explanation

The first parameter for the PDT field cannot contain a blank.

Operator response

Remove the blank in the parameter in the PDT field.

K046261 **Only one selection allowed.**

Explanation

More than one option selected. Only one option can be selected at a time.

Operator response

Blank out the additional selections and try again.

K046262 **Situation definition *variable* printed.**

Explanation

You printed the situation *variable*.

Operator response

View the printed situation definition.

K046263 **A Tivoli Enterprise Monitoring Server (TEMS) data queue error was detected.**

Explanation

An error message was received.

K046264 **Time portion of monitor interval not valid.**

Explanation

For the TIMEFRQ parameter, the time portion of the monitor interval cannot be less than 000030 if the day portion contains zero.

Operator response

Increase the monitor interval to at least 000030.

K046265 **Attribute *variable* not allowed.**

Explanation

Attribute *variable* is not allowed in conjunction with attribute *variable* in a predicate. Some attributes cannot be combined in a predicate to form a situation.

Operator response

Refer to the appropriate Tivoli Enterprise Monitoring Server (TEMS) reference manual to determine if a particular attribute can be combined with another.

K046266 **Date and time portions of monitor interval must both be zero.**

Explanation

For the TIMEFRQ parameter, the day and time portions of the monitor interval must both be zero if all attributes in the situation definition are notification attributes with the same prefix. Attributes can be of two types: Sampled or Notification.

Operator response

Refer to the appropriate Tivoli Enterprise Monitoring Server (TEMS) reference manual to determine the type of a particular attribute.

KO46267 **Situation definition validation did not occur.**

Explanation

You attempted to use *AVG with a non-integer attribute.

KO46268 **Situation definition *variable* displayed.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

KO46269 **Name *variable* cannot contain blanks.**

Explanation

The name *variable* contains embedded blanks.

Operator response

Remove embedded blanks from the name.

KO48001 **AUTOMATED FACILITIES started.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

KO48008 **AUTOMATED FACILITIES received request to stop.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

KO48009 **Policy *variable* ended.**

Explanation

The policy has completed a pass through its activity graph. No activities are running. Depending on its

completion option, the policy then either deactivates or starts another pass through the activity graph.

KO48010 **Policy *variable* started.**

Explanation

The policy is starting a pass through its activity graph. All activities having no predecessors are in the running state; all other activities are in the pre-run state. The pass completes when no activities remain in the running state. At that time, message KO48009 is issued. The policy may also be deactivated before it finishes running.

KO48071 **Policy *variable* activated.**

Explanation

The policy has been activated. This may occur for three reasons:

1. The policy is marked to autostart and TEMS is starting.
2. A user just created an autostart policy or is manually starting a policy.
3. Another policy contains a CHANGE_POLICY or embedded policy activity that activates this policy.

KO48073 **Policy *variable*, activity *variable* has started.**

Explanation

Activity started in the policy.

KO48074 **Policy *variable*, activity *variable* ended with end code *variable* reason *variable*.**

Explanation

Activity *variable* in policy *variable* has finished.

Operator response

See the appropriate Automated Facilities reference manual for explanations of end codes.

KO48076 **Policy *variable* has deactivated itself.**

Explanation

The policy ended and its **restart upon completion** option was set to **No**. The policy ceases all operations.

Operator response

Activate the policy again. To make the policy restart upon completion, change the policy definition so that the restart option is **YES** and then activate it.

K048077 **Policy variable deactivated by external request.**

Explanation

An external agent (user or other policy) requested the policy to deactivate. The policy immediately ceases all operations, canceling activities in progress.

K048078 **Policy variable updated by variable.**

Explanation

The policy *variable* has been updated by policy *variable*.

K048079 **Activity variable in policy variable updated by variable.**

Explanation

The policy has been updated by the user.

K048080 **Ranking group variable updated by variable.**

Explanation

The ranking group has been updated by the user.

K048081 **Ranking group entry variable in ranking group variable updated by variable.**

Explanation

The ranking group entry in ranking group has been updated by the user.

K048082 **Policy variable created by variable.**

Explanation

The policy has been created by the user.

K048083 **Activity variable in policy variable created by variable.**

Explanation

The activity in the policy has been created by a user.

K048084 **Ranking group variable created by variable.**

Explanation

The ranking group has been created by the user.

K048085 **Ranking group entry variable in ranking group variable created by variable.**

Explanation

The ranking group entry in ranking group was created by the user.

K048086 **Policy variable deleted by variable.**

Explanation

The policy has been deleted by the user.

K048087 **Activity variable in policy variable deleted by variable.**

Explanation

The activity in policy was deleted by the user.

K048088 **Ranking group variable deleted by variable.**

Explanation

The ranking group was deleted by the user.

K048089 **Ranking group entry variable in ranking group variable deleted by variable.**

Explanation

The ranking group entry in the ranking group was deleted by the user.

K048090 **Policy variable has deactivated. Restart limit exceeded.**

Explanation

The policy was defined to restart upon completion and did so more than 5 times in a 10-minute interval. Since the policy was defined with the **limit restarts** option set to **YES**, the policy deactivates instead of restarting. The policy immediately ceases all operations.

Operator response

View the error messages that were logged to the product log to determine what the policy was doing. If a logic error was causing the policy to fire too frequently, correct the involved definitions and reactivate the policy.

KO48091 **Changing priority for job *variable* (job number *variable*) to *variable*.**

Explanation

The policy *variable* with an activity *variable* is changing the priority for job *variable* to *variable*.

KO48092 **Changing job queue for job *variable* (job number *variable*) to *variable*.**

Explanation

The policy *variable* with an activity *variable* is changing the job queue for the job *variable* to *variable*.

KO48093 **Changing time slice for job *variable* (job number *variable*) to *variable*.**

Explanation

The policy *variable* with an activity *variable* is changing the time slice for the job *variable* to *variable*.

KO48095 **Changing output queue for job *variable* (job number *variable*) to *variable*.**

Explanation

The policy *variable* with an activity *variable* is changing the output queue for the job *variable* to *variable*.

KO48096 **Policy *variable*, activity *variable* - Changing policy *variable* to status *variable*.**

Explanation

The policy *variable* with an activity *variable* is changing the policy's status. *variable* to *variable*.

KO48097 **Changing activity level for pool *variable* to *variable*.**

Explanation

The policy *variable*, activity *variable* is changing the activity level for pool *variable* to *variable*.

KO48098 **Changing size for pool *variable* to *variable*.**

Explanation

The policy *variable*, activity *variable* is changing the size for the pool *variable* to *variable*.

KO48099 **Policy *variable*, activity *variable* - Changing situation *variable* to status *variable*.**

Explanation

The policy *variable*, activity *variable* is changing the situation *variable* to status *variable*.

KO48100 **The definition of Policy *variable* contains an error which is preventing the Policy from starting.**

Explanation

The definition of the specified Policy contains an error that has prevented its construction. Usually this occurs because an Activity within the Policy's Workflow could not be created. If this is the case, additional messages will identify the relevant Activities. Further details regarding the problem will be provided in the TEMS RAS log.

KO48101 **Policy *variable* encountered an error while adding Activity *variable* to its Workflow.**

Explanation

The specified Policy could not add the named Activity to its Workflow. Such errors prevent the Policy from running. Further details regarding the problem will be provided in the TEMS RAS log.

KO48106 **Ending job *variable* (job number *variable*).**

Explanation

The policy *variable*, activity *variable* is ending the job *variable*.

KO48110 **Policy *variable*, activity *variable* - Evaluating situation *variable*.**

Explanation

The policy *variable*, activity *variable* is evaluating the situation *variable*.

KO48112 **Holding job *variable* (job number *variable*).**

Explanation

The policy *variable*, activity *variable* is holding the job *variable*.

KO48113 **Policy variable, activity variable paused while waiting for the situation to be created.**

Explanation

Policy *variable*, activity *variable* paused until the situation becomes available.

KO48114 **Policy variable, activity variable resumes.**

Explanation

Policy *variable*, activity *variable* resumes after previous reported problem has been resolved.

KO48115 **Policy variable, activity variable paused due to unresolved attributes.**

Explanation

Policy *variable*, activity *variable* paused due to unresolved attributes in the situation.

KO48119 **Releasing job variable (job number variable).**

Explanation

The policy *variable*, activity *variable* is releasing job *variable*.

KO48139 **Policy variable, activity variable - Writing data to user automation data queue.**

Explanation

The policy *variable*, activity *variable* is writing data to a user automation data queue.

KO48140 **Policy variable, activity variable - Proceeding to user choice activity - variable**

Explanation

The policy *variable*, activity *variable* is proceeding to the user choice activity *variable*.

KO48141 **Policy variable, activity variable - Presenting user choice to variable.**

Explanation

The policy *variable*, activity *variable* is presenting the user choice to *variable*.

KO48142 **Policy variable, activity variable - Transferring user choice from variable to variable at request of variable.**

Explanation

The policy *variable*, activity *variable* is transferring the user choice from *variable* to *variable* at the request of *variable*.

KO48143 **Policy variable, activity variable - Escalating user choice from variable to variable due to timeout.**

Explanation

The policy *variable*, activity *variable* is escalating the user choice from *variable* to *variable* due to timeout.

KO48144 **Policy variable, activity variable - Escalating user choice from variable to variable at request of variable.**

Explanation

The policy *variable*, activity *variable* is escalating the user choice from *variable* to *variable* at the request of *variable*.

KO48145 **Policy variable, activity variable - Canceling user choice action due to timeout.**

Explanation

The policy *variable*, activity *variable* is canceling the user choice action due to a timeout.

Operator response

Change the timeout parameters.

KO48148 **Policy variable, activity variable - Waiting for variable seconds.**

Explanation

The policy *variable*, activity *variable* is waiting for *variable* seconds.

KO48150 **Policy variable, activity variable - Running policy variable.**

Explanation

The policy *variable*, activity *variable* is running policy *variable*.

K048151 **Policy *variable*, activity *variable* -
Waiting for event from situation
variable.**

Explanation

The policy *variable*, activity *variable* is waiting for an event from situation *variable*.

K048152 **Situation *variable* could not find
message queue *variable*.**

Explanation

The message queue specified to receive reports of situations firing could not be found.

Operator response

Create the queue or add the library where the queue exists.

K048153 **Policy *variable*, activity *variable* -
Executing command at *variable* -
variable.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

K048154 **Execute command- *variable*.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

K048155 **Execute command- *variable* and
variable additional commands of
the same form.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

K048156 **Not able to start monitoring for
situation *variable*.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies

some aspect of system behavior during normal operations.

K049014 **Situation list printed.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

K049015 **Situation *variable* embedded in
situation *variable*. Not deleted.**

Explanation

The situation you have requested to delete is imbedded in another situation.

Operator response

Either delete situation *variable* or change it so that it does not reference situation *variable*.

K049016 **Situation *variable* imbedded in
policy *variable*. Not deleted.**

Explanation

The situation you requested to delete is imbedded in a policy.

Operator response

Either delete policy *variable* or change it so that it does not reference situation *variable*.

K049017 **Policy *variable* embedded in policy
variable. Not deleted.**

Explanation

The policy you requested to delete is imbedded in another policy.

Operator response

Either delete policy *variable* or change it so that it does not reference policy *variable*, or delete policy *variable* first.

K049019 **Tivoli Enterprise Monitoring Server
(TEMS) log not displayed.**

Explanation

Not able to display the message queue for the Tivoli Enterprise Monitoring Server.

Operator response

View the joblog for specific reasons.

K049020 **Situation validation failed. *MAX cannot be used with this attribute.**

Explanation

Attempt to use *MAX with a non-integer attribute.

K049021 **Situation validation failed. *MIN cannot be used with this attribute.**

Explanation

Attempt to use *MIN with a non-integer attribute.

K049022 **Situation validation failed. This operator cannot be used with this attribute.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

K049023 **Situation validation failed. *COUNT not valid for this attribute.**

Explanation

Attempt to use *COUNT with a non-integer attribute.

K049024 **Situation validation failed. *STR cannot be used with this attribute.**

Explanation

Attempt to use *STR with a non-string attribute.

K049025 **Situation validation failed. Incorrect compare value for *STR.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

K049026 **Situation validation failed. *TIME cannot be used with this attribute.**

Explanation

Attempt to use *TIME with a non-time attribute.

K049027 **Situation validation failed. Compare value not valid for *TIME.**

Explanation

Format of *TIME compare value was not entered correctly.

User response

Enter the correct format for the *TIME compare value. Refer to the appropriate Tivoli Enterprise Monitoring Server (TEMS) reference manual for details.

K049028 **Tivoli Enterprise Monitoring Server (TEMS) did not complete startup.**

Explanation

Security level validation did not complete.

Operator response

View the joblog for additional messages.

K049029 **Situation *variable* not a candidate for get current attribute.**

Explanation

The situation *variable* contains event-driven attribute.

Operator response

Do not attempt to add a get current attribute for this situation.

K049030 **Situation validation did not complete. *SUM cannot be used with this attribute.**

Explanation

Attempted to use *SUM with a non-integer attribute.

K049031 **Status list printed.**

Explanation

View the status list.

K049032 **Situation status printed.**

Explanation

View the printed situation status.

K049033 **Nothing printed; list is empty.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

KO49034	Situation <i>variable</i> is an enterprise situation. Not deleted.
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Explanation

The situation *variable* is an enterprise situation that can be deleted only from OMEGAVIEW.

Operator response

Delete situation *variable* from OMEGAVIEW.

KO49035	Object <i>variable</i> in library <i>variable</i> type <i>variable</i> not found or not usable.
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Explanation

The startup process cannot continue because object *variable* could not be used.

Operator response

Check library *variable* for *variable* and fix the problem. If not found, install Tivoli Enterprise Monitoring Server (TEMS) again.

KO49036	Situation <i>variable</i> is an enterprise situation. Not changed.
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Explanation

The situation *variable* is an enterprise situation that can be changed only from OMEGAVIEW.

Operator response

Change situation *variable* from OMEGAVIEW.

KO49037	Tivoli Enterprise Monitoring Server (TEMS) or AUTOMATED FACILITIES command failure occurred.
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Explanation

An error occurred in an Tivoli Enterprise Monitoring Server (TEMS) or an AUTOMATED FACILITIES command.

Operator response

To determine cause, view the Tivoli Enterprise Monitoring Server job log, restart the Tivoli Enterprise Monitoring Server and fix the problem accordingly.

KO49038	Situation validation failed; cannot use *SNGPDT predicate with *SIT predicate.
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Explanation

Attempted to create a situation with a single situation predicate. A *SIT predicate must have a minimum of two predicates.

Operator response

Add more predicates using *AND or *OR in the predicate relation.

KO49040	Situation <i>variable</i> is not a candidate for the Reset option.
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Explanation

The situation *variable* is a sample-driven situation and thus cannot be reset.

KO49041	Situation <i>variable</i> ended abnormally.
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Explanation

An error was encountered on this situation or possibly on another situation for which a similar message is being issued. The error required this situation and the situation in error (if different) to be shut down. Some examples of the types of errors that can cause this condition follow:

- The situation predicate may not have sufficiently narrowed the scope of things to be examined. This may have resulted in overloading Tivoli Enterprise Monitoring Server (TEMS) with too much data.
- The situation may have used *ACGJB or *SEC attributes without having the necessary SYSVALs set, or without having set up the necessary journals and journal receivers.
- A job or subsystem required to evaluate the situation may have been ended by an operator.

The above is not an exhaustive list of possible errors.

Operator response

Look for a KO49044 log entry issued at about the same time as this message. That log entry indicates which TEMS job encountered the error. The job may still be active. Examine the joblog for clues about the

ultimate cause of the error. Correct the situation in error before attempting to restart it.

Administrator Response

If the situation was started explicitly by an operator, then the situation is shut down. If the situation was running in an AUTOMATED FACILITIES policy as a *SIT activity type or an *EVALUATE_SITUATION activity program, then the activity containing the situation ends with a *PROBLEM endcode.

KO49042 **Situation *variable* is occurring; *variable* events available for status.**

Explanation

The event is occurring; the data of 10 events is kept and the previous events are deleted.

KO49043 **Situation *variable* is occurring; *variable* events available for status; oldest events discarded.**

Explanation

The event is occurring; the data of 10 events is kept and the previous events are deleted.

KO49044 **Job *variable* encountered an error.**

Explanation

An error was encountered by this Tivoli Enterprise Monitoring Server (TEMS) job. Some examples of the types of errors that may have been encountered follow:

- A situation predicate may not have sufficiently narrowed the scope of things to be examined. This may have resulted in overloading TEMS with too much data.
- A situation may have used *ACGJB or *SEC attributes without having the necessary SYSVALs set, or without having set up the necessary journals and journal receivers.
- A job or subsystem required to evaluate a situation may have been ended by an operator.

The above is not an exhaustive list of possible errors.

Operator response

Examine the joblog for *variable* to find the error or errors. Correct the errors before attempting the same functions again.

KO40V01I **Override *<variable>* for situation *<variable>* starting.**

Explanation

A situation override is starting.

KO40V02I **Override *<variable>* for situation *<variable>* stopped.**

Explanation

A situation override is stopped.

KO40V03E **Override *<variable>* for situation *<variable>* encountered error code *<variable>*.**

Explanation

A situation override encountered an error.

KO40V04W **Override *<variable>* for situation *<variable>* uses unknown type *<variable>*.**

Explanation

A situation override encountered an unknown type.

KO40V05I **Calendar *<variable>* starting.**

Explanation

A calendar is starting.

KO40V06I **Calendar *<variable>* stopped.**

Explanation

A calendar is stopped.

KO40V07E **Calendar *<variable>* encountered error code *<variable>*.**

Explanation

A calendar encountered an error.

KO40V08I **Override *<variable>* for situation *<variable>* activated.**

Explanation

Activation request has been sent to the agents.

KO40V09I **Override *<variable>* for situation *<variable>* deactivated.**

Explanation

Deactivation request has been sent to the agents.

K040V010I **Override <variable> for situation <variable> waiting for calendar <variable>.**

Explanation

Override is waiting for a Calendar to be added.

K040V011I **Calendar <variable> activated.**

Explanation

Calendar activation request has been sent to the agents.

K040V012I **Calendar <variable> deactivated.**

Explanation

Calendar deactivation request has been sent to the agents.

K04SRV001 **Tivoli Enterprise Monitoring Server (TEMS) startup in progress.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

K04SRV002 **Tivoli Enterprise Monitoring Server (TEMS) startup job already running.**

Explanation

You tried to start the Tivoli Enterprise Monitoring Server but it is already in the process of starting. Another user has already issued the start command.

User response

Wait until the earlier startup process is complete and then try again.

K04SRV003 **Starting Tivoli Enterprise Monitoring Server (TEMS) network server.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

K04SRV004 **Network server active.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

K04SRV005 **Starting Tivoli Enterprise Monitoring Server (TEMS) network requesters.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

K04SRV006 **Network requesters active.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

K04SRV007 **Starting Tivoli Enterprise Monitoring Server (TEMS) local directory server.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

K04SRV008 **Local directory server active.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

K04SRV009 **Starting Tivoli Enterprise Monitoring Server (TEMS) global directory server.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

K04SRV010 **Global directory server active.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

K04SRV011 **Starting Tivoli Enterprise Monitoring Server (TEMS) data collection server.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

K04SRV012 **Data collection server active.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

K04SRV013 **Starting Tivoli Enterprise Monitoring Server (TEMS) network data collection server.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

K04SRV014 **Network data collection server active.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

K04SRV015 **Starting Tivoli Enterprise Monitoring Server (TEMS) situation monitor.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

K04SRV016 **Situation monitor active.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

K04SRV017 **Tivoli Enterprise Monitoring Server (TEMS) shutdown in progress.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

K04SRV018 **Stopping Tivoli Enterprise Monitoring Server (TEMS) situation monitor.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

K04SRV019 **Situation monitor stopped.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

K04SRV020 **Stopping Tivoli Enterprise Monitoring Server (TEMS) data collection server.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

K04SRV021 **Data collection server stopped.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

K04SRV022 **Stopping Tivoli Enterprise Monitoring Server (TEMS) network data collection server.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

K04SRV023 Network data collection server stopped.

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

K04SRV024 Stopping Tivoli Enterprise Monitoring Server (TEMS) network services.

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

K04SRV025 Network services stopped.

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

K04SRV026 Stopping Tivoli Enterprise Monitoring Server (TEMS) global directory server.

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

K04SRV027 Global directory server stopped.

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

K04SRV028 Stopping Tivoli Enterprise Monitoring Server (TEMS) local directory server.

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

K04SRV029 Local directory server stopped.

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

K04SRV030 Tivoli Enterprise Monitoring Server (TEMS) shutdown completed.

Explanation

The Tivoli Enterprise Monitoring Server was requested to shut down.

K04SRV031 Tivoli Enterprise Monitoring Server (TEMS) startup job already on job queue.

Explanation

The job queue already contains a Tivoli Enterprise Monitoring Server startup job.

Operator response

Ensure the library subsystem is active and the job queue is not held.

K04SRV032 Tivoli Enterprise Monitoring Server (TEMS) startup complete.

Explanation

All required components of the Tivoli Enterprise Monitoring Server are active in the library subsystem.

K04SRV033 Tivoli Enterprise Monitoring Server (TEMS) no longer active.

Explanation

The Tivoli Enterprise Monitoring Server has ended since this command was last used.

Operator response

View all error messages that were logged to the Tivoli Enterprise Monitoring Server product log and then restart the Tivoli Enterprise Monitoring Server.

KO4SRV034 **Tivoli Enterprise Monitoring Server (TEMS) requested to end during startup.**

Explanation

Before the Tivoli Enterprise Monitoring Server startup processing completed, an end the Tivoli Enterprise Monitoring Server command was issued.

Operator response

Restart the Tivoli Enterprise Monitoring

KO4SRV035 **Starting Tivoli Enterprise Monitoring Server (TEMS) worklist manager.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

KO4SRV036 **Worklist manager active.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

KO4SRV037 **Stopping Tivoli Enterprise Monitoring Server (TEMS) worklist manager.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

KO4SRV038 **Worklist manager ended.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

KO4SRV039 **Starting Tivoli Enterprise Monitoring Server (TEMS) data collection event notification.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

KO4SRV040 **Data collection event notification active.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

KO4SRV041 **Starting Tivoli Enterprise Monitoring Server (TEMS) situation monitor status queuing.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

KO4SRV042 **Situation monitor status queuing active.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

KO4SRV043 **Ending Tivoli Enterprise Monitoring Server (TEMS) data collection event notification.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

KO4SRV044 **Data collection event notification ended.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

K04SRV045 **Stopping Tivoli Enterprise Monitoring Server (TEMS) situation monitor status queuing.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

K04SRV046 **Situation monitor status queuing ended.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

K04SRV047 **Validation could not be performed.**

Explanation

Tivoli Enterprise Monitoring Server (TEMS) is not active. Validation requires that the Tivoli Enterprise Monitoring Server be active.

Operator response

Activate the Tivoli Enterprise Monitoring Server.

K04SRV048 **Tivoli Enterprise Monitoring Server (TEMS) did not start. Status codes-variable/variable.**

Explanation

The Tivoli Enterprise Monitoring Server did not start successfully.

Operator response

View all error messages that were logged to the Tivoli Enterprise Monitoring Server product log. Restart the Tivoli Enterprise Monitoring Server. Usually the second code is 0, and the first code is the Windows error, unless the first code is 8, in which case the second code is the Windows error. The most common error codes to expect in the first error codes position are as follows:

- 13 ERROR_INVALID_DATA: The specified dispatch table contains entries that are not in the proper format.
- 123 ERROR_INVALID_NAME: The specified service name is invalid.

- 1056 ERROR_SERVICE_ALREADY_RUNNING: The process has already called StartServiceCtrlDispatcher. Each process can call StartServiceCtrlDispatcher only one time. On Windows NT, this value is not supported.
- 1060 ERROR_SERVICE_DOES_NOT_EXIST: The specified service does not exist.
- 1063 ERROR_FAILED_SERVICE_CONTROLLER_CONNECT: Typically, this error indicates that the program is being run as a console application rather than as a service. If the program will be run as a console application for debugging purposes, structure it such that service-specific code is not called when this error is returned.

K04SRV049 **The Tivoli Enterprise Monitoring Server (TEMS) started.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

K04SRV050 **Startup failed due to errors in environment definitions.**

Explanation

A startup parameter file in a library does not contain all required parameter fields, and startup is ended. The startup parameter file in the library contains fewer parameter fields than the startup program expects.

Operator response

Verify installation procedures. You can also install and then try to start Tivoli Enterprise Monitoring Server (TEMS) again.

K04SRV051 **Tivoli Enterprise Monitoring Server (TEMS) cannot process this command.**

Explanation

This command returned a completion code. Completion codes and their meanings follow:

Completion code	Meaning
5	The Tivoli Enterprise Monitoring Server program is not active
4	This command is not at the correct release level.

Completion code	Meaning
3	The services that this command requests are busy.

Operator response

If the Tivoli Enterprise Monitoring Server is not active, start it. If the command is not at the correct release level, ensure all required maintenance is installed and try again. If the requested services are busy, try the command again.

K04SRV052 The Tivoli Enterprise Monitoring Server (TEMS) not active.

Explanation

The system received a Tivoli Enterprise Monitoring Server command, but the Tivoli Enterprise Monitoring Server has not been started. Check the message log to identify which command was sent.

Operator response

Start the Tivoli Enterprise Monitoring Server and then try the command again.

K04SRV053 Tivoli Enterprise Monitoring Server (TEMS) already active.

Explanation

The START TEMS command has already been issued and the Tivoli Enterprise Monitoring Server is already active.

K04SRV054 Job *variable/variable* submitted.

Explanation

Job *variable/variable* was submitted to job queue *variable* in *variable*. The job that starts the Tivoli Enterprise Monitoring Server (TEMS) program has submitted the CMS program batch job. The Tivoli Enterprise Monitoring Server is now active.

K04SRV055 Job *variable* submitted to batch job queue.

Explanation

The START TEMS command submitted job *variable*.

User response

Determine which job queue contains the batch job and review other details about the job.

K04SRV056 Unable to start Tivoli Enterprise Monitoring Server (TEMS) task *variable*.

Explanation

The Tivoli Enterprise Monitoring Server command could not start the task *variable*, which is missing or incorrect.

Operator response

Check the log for messages. Also, ensure that the library subsystem, job queue, user profile, path, and/or library path exist and are correct. If these are missing, install the Tivoli Enterprise Monitoring Server again.

K04SRV057 Tivoli Enterprise Monitoring Server (TEMS) not ended.

Explanation

The value for the **Confirm request to end** prompt was **No**. The Tivoli Enterprise Monitoring Server is still active.

Operator response

To end the Tivoli Enterprise Monitoring Server, reply **Yes** to **Confirm request to end**.

K04SRV058 Tivoli Enterprise Monitoring Server (TEMS) had ended.

Explanation

The Tivoli Enterprise Monitoring Server stopped.

K04SRV059 Tivoli Enterprise Monitoring Server (TEMS) stopped unexpectedly.

Explanation

The Tivoli Enterprise Monitoring Server program cannot continue because of an unexpected processing failure.

Operator response

Check the job log for messages and Tivoli Enterprise Monitoring Server job status.

K04SRV060 Tivoli Enterprise Monitoring Server (TEMS) ended Situation *variable*.

Explanation

The Tivoli Enterprise Monitoring Server received and acknowledged a request to end the situation and has ended the situation.

K04SRV061 **Tivoli Enterprise Monitoring Server (TEMS) starting Situation *variable*.**

Explanation

The Tivoli Enterprise Monitoring Server received and acknowledged a request to start the situation and is now doing so.

K04SRV062 **Command *variable* did not complete.**

Explanation

The *variable* command is pending, but the Tivoli Enterprise Monitoring Server (TEMS) subsystem is busy. A timeout error occurred between issuing command and running and running of Tivoli Enterprise Monitoring Server jobs. The Tivoli Enterprise Monitoring Server program did not acknowledge the request.

Operator response

Check the status of the job and view the previously listed messages. If no errors occur, try command again.

K04SRV063 **Tivoli Enterprise Monitoring Server (TEMS) request *variable* did not complete.**

Explanation

The command *variable* was not able to complete the request due to a program error. An incorrect response was received from the situation monitor component.

Operator response

View all error messages that were logged to the Tivoli Enterprise Monitoring Server product log. Check all Tivoli Enterprise Monitoring Server joblogs for messages.

K04SRV064 **Situation definition *variable* was deleted.**

Explanation

The definition is deleted. If the situation was active, it remains active until you stop it.

Operator response

Verify that the situation *variable* is active.

K04SRV065 **Situation definition *variable* was created.**

Explanation

The Tivoli Enterprise Monitoring Server (TEMS) **CREATE SITUATION** command created situation *variable*.

K04SRV066 **Situation list printed.**

Explanation

Pressing the appropriate function key caused the entire situation list to be printed.

User response

View the situation list.

K04SRV067 **The situation definition *variable* changed.**

Explanation

The Tivoli Enterprise Monitoring Server (TEMS) change situation command changed the situation definition.

Operator response

If the situation is active, changes do not take place until the situation is ended and then restarted.

K04SRV068 **Input was not supplied for required fields.**

Explanation

A required parameter was not specified.

Operator response

Enter the correct value for highlighted fields.

K04SRV069 **The situation definition *variable* not found.**

Explanation

The Tivoli Enterprise Monitoring Server (TEMS) could not locate situation definition *variable*.

Operator response

Ensure that situation *variable* is spelled correctly.

KO4SRV070 **Configuration information has changed.**

Explanation

The **CONFIGURE TEMS** command was used to change configuration options.

Operator response

View current configuration options. End the Tivoli Enterprise Monitoring Server (TEMS) and then start it again to run with new options.

KO4SRV071 **Data not valid for this field.**

Explanation

Tivoli Enterprise Monitoring Server (TEMS) detected incorrect data for a specific field. For example, a field that requires numeric data contains character data.

Operator response

Verify that you are using the type of data required for this field.

KO4SRV072 **Not able to read record in configuration file.**

Explanation

The Tivoli Enterprise Monitoring Server (TEMS) encountered an error condition with a message ID while reading a keyed record in a file. Either the key length is incorrect or an I/O error occurred. The configuration file is not read.

Operator response

Check the file for errors and try the configuration command again.

KO4SRV073 **Not able to locate record in configuration file.**

Explanation

The Tivoli Enterprise Monitoring Server (TEMS) encountered an error condition with an error ID while locating keyed a record in a file. Either the file was not opened for read operations or an I/O error occurred. The configuration file was not read.

Operator response

Check the configuration file for errors and try the command again.

KO4SRV074 **Not able to update record in configuration file.**

Explanation

The Tivoli Enterprise Monitoring Server (TEMS) encountered an error condition with an error ID, while updating a keyed record in a file. Either the file was not opened for update operations, or an I/O error occurred. The configuration file is not updated.

Operator response

Check the configuration file for errors and try the command again.

KO4SRV075 **Situation definition *variable* already exists.**

Explanation

The Tivoli Enterprise Monitoring Server (TEMS) detected that situation definition *variable* was already defined.

Operator response

Before creating or renaming this situation definition, change the situation definition name, delete the existing situation definition, or omit the command.

KO4SRV076 **Situation monitoring for *variable* already is active.**

Explanation

A Tivoli Enterprise Monitoring Server (TEMS) start command was issued for situation definition *variable*. The Tivoli Enterprise Monitoring Server display situation command shows all active situations.

Operator response

If situation *variable* contains mixed case, put quotes around definition and try command again.

KO4SRV077 **Situation monitoring for *variable* is not active.**

Explanation

The Tivoli Enterprise Monitoring Server (TEMS) detected that situation *variable* is not active. The Tivoli Enterprise Monitoring Server display situation command shows all active situations.

Operator response

If situation *variable* contains mixed case, put quotes around definition and try command again.

K04SRV078 **National Language Support conversion failed.**

Explanation

Tivoli Enterprise Monitoring Server (TEMS) program was not able to translate the contents of a text description field.

Operator response

View specific messages in the product and job logs.

K04SRV079 **Value *variable* is not valid for parameter *variable*.**

Explanation

A required value was not entered for this parameter.

Operator response

Enter the correct value for this parameter.

K04SRV080 **Value *variable* is not valid for parameter *variable*.**

Explanation

A required value was not entered for the parameter.

Operator response

Enter the correct value for the required field.

K04SRV081 **Value *variable* is not valid for parameter *variable*.**

Explanation

The first character must be alphabetic.

K04SRV082 ***PROMPT is not allowed for parameter *variable*.**

Explanation

The Tivoli Enterprise Monitoring Server (TEMS) allows only *PROMPT for specific fields. This field is not allowed.

Operator response

Enter a specific name in field for the *variable* parameter.

K04SRV083 **Value *variable* not valid for parameter *variable*.**

Explanation

No imbedded blanks are allowed.

Operator response

Refer to the appropriate Tivoli Enterprise Monitoring Server (TEMS) reference manual for correct values.

K04SRV084 **Irrecoverable errors while updating configuration file.**

Explanation

Not authorized to access this file.

Operator response

Contact a user with access privileges. Check the work object authority to see what kind of access you need.

K04SRV085 **Local directory server *LName* must match Tivoli Enterprise Monitoring Server (TEMS) *LName*.**

Explanation

The network directory server *LName* must match the one that you specified earlier.

Operator response

Enter the correct network directory server *LName*.

K04SRV089 **Specify *SNA Directory Server.**

Explanation

An *SNA directory server must be specified when no Tivoli Enterprise Monitoring Server (TEMS) TCP/IP address is present. Message CPF0002 follows.

K04SRV090 **Value *variable* is not valid for parameter *variable*.**

Explanation

Contains variant characters. Invariant characters are uppercase A - Z, lowercase a - z, +, %, &, *, /, (), _, ., ;, and ?.

Operator response

Enter invariant characters.

K04SRV091 **Predicate attribute *variable* is not known or not valid.**

Explanation

You entered an attribute that is not valid.

Operator response

Enter a valid attribute or use *PROMPT to choose an attribute.

KO4SRV093 Value *variable* is not valid for parameter *variable*.

Explanation

A required value was not specified.

Operator response

The first character must be alphabetic or the value must be *ALL.

KO4SRV094 Value *variable* not valid for parameter *variable*.

Explanation

First character must be alphabetic or value must be *PROMPT.

Operator response

Change the first character in the parameter *variable* to alphabetic, or change parameter *variable* to *PROMPT.

KO4SRV095 Multiple predicates is not allowed with PDTREL value *SNGPDT.

Explanation

You entered *SNGPDT in the PDTREL field with more than 1 predicate.

Operator response

Enter *AND or *OR in the PDTREL field or delete all but 1 predicate in the situation.

KO4SRV096 Multiple predicates required with PDTREL value *AND or *OR.

Explanation

You entered *AND or *OR in the PDTREL field but did not enter more than 1 predicate.

Operator response

Enter more predicates or enter *SNGPDT in the PDTREL field.

KO4SRV097 Predicate relational operator must be *EQ when function is *SIT.

Explanation

You entered something other than *EQ in the relational field when the predicate is another situation.

Operator response

Enter *EQ in the relational operator field or change the PDT field to something other than *SIT.

KO4SRV098 Predicate compare value must be *TRUE when function is *SIT.

Explanation

You entered something other than *TRUE in the compare value field when the predicate is another situation.

Operator response

Enter *TRUE in the compare value field or change the predicate function to something other than *SIT.

KO4SRV099 Predicate compare value not valid.

Explanation

Predicate compare value *variable2* for attribute *variable3* is not valid. Allowed values range from *variable4* to *variable5*.

Operator response

Refer to the appropriate Tivoli Enterprise Monitoring Server (TEMS) reference manual for compare values.

KO4SRV100 Predicate compare value for attribute *variable3* not valid.

Explanation

Predicate compare value *variable2* for attribute *variable3* is not valid; allowed values are *variable4*, *variable5*, *variable6*, *variable7*, *variable8*, *variable9*, *variable10*, *variable11*, *variable12*, and *variable13*.

Operator response

Change the predicate compare value to one of the following: *variable4*, *variable5*, *variable6*, *variable7*, *variable8*, *variable9*, *variable10*, *variable11*, *variable12*, and *variable13*.

KO4SRV101 Predicate compare value not known or not valid.

Explanation

Compare value *variable* for attribute *variable* not known or not valid.

Operator response

Enter a correct value. Refer to the appropriate Tivoli Enterprise Monitoring Server (TEMS) reference manual for compare values.

K04SRV102 **Predicate attribute *variable* not valid.**

Explanation

A situation cannot reference itself.

Operator response

Enter a correct value for this attribute. Refer to the appropriate Tivoli Enterprise Monitoring Server (TEMS) reference manual for attribute values.

K04SRV103 **Unable to create the Tivoli Enterprise Monitoring Server message queue.**

Explanation

The Tivoli Enterprise Monitoring Server tried to create a message queue to communicate with its companion processes and the create failed.

K04SRV104 **The Tivoli Enterprise Monitoring Server message receipt failed.**

Explanation

The Tivoli Enterprise Monitoring Server tried to receive a message from its message queue and the receive failed.

K04SRV105 **Send to *variable* failed.**

Explanation

The Tivoli Enterprise Monitoring Server manager tried to send a message to *variable*, but the send operation failed.

K04SRV106 **Unsupported TEMS option specified.**

Explanation

The parameter passed to the Tivoli Enterprise Monitoring Server is not recognized as a valid operand.

Operator response

Enter a correct value for the Tivoli Enterprise Monitoring Server operand. Valid options are START and STOP.

K04SRV107 **Detecting Tivoli Enterprise Monitoring Server (TEMS) local directory server.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

K04SRV108 **Detecting Tivoli Enterprise Monitoring Server (TEMS) global directory server.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

K04SRV109 **TEMS *variable* on *variable* is starting.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

K04SRV110 **TEMS *variable* on *variable* is running.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

K04SRV111 **TEMS *variable* on *variable* is stopping.**

Explanation

This is an informational message and does not require further action. Typically, this type of message clarifies some aspect of system behavior during normal operations.

KQM messages

The messages that begin with the KQM prefix are associated with Tivoli Enterprise Monitoring Server, specifically the hot standby feature.

KQM0001 **FTO started at *variable*.**

Explanation

FTO started.

KQM0002 **FTO ended at *variable*.**

Explanation

FTO Hot-Standby ended.

KQM0003 **FTO connected to *variable* at *variable*.**

Explanation

FTO is trying to connect to the parent Tivoli Enterprise Monitoring Server.

KQM0004 **FTO detected lost parent connection at *variable*.**

Explanation

FTO/HotStandby has lost connection.

KQM0005 **FTO has recovered parent connection at *variable*.**

Explanation

FTO/HotStandby has recovered the lost parent connection.

KQM0006 **FTO inserted *variable* with id *variable* at *variable*.**

Explanation

FTO inserted an object with a key.

KQM0007 **FTO updated *variable* with id *variable* at *variable*.**

Explanation

FTO updated object *variable* with a key.

KQM0008 **FTO deleted *variable* with id *variable* at *variable*.**

Explanation

FTO deleted object *variable*.

KQM0009 **FTO promoted *variable* as the acting HUB.**

Explanation

FTO promoted the *variable* Tivoli Enterprise Monitoring Server as the hub.

KQM0010 **FTO detected a manual switch at *variable*.**

Explanation

FTO detected a manual switch.

KQM0011 ***variable*.**

Explanation

An open-ended FTO response.

KQM0012 **FTO routing node *variable* to the parent TEMS.**

Explanation

FTO is rerouting a Tivoli Enterprise Monitoring Server or a monitoring agent to another Tivoli Enterprise Monitoring Server.

KQM0013 **The TEMS *variable* is now the acting HUB.**

Explanation

The TEMS has successfully switched to the role of the acting HUB.

KQM0014 **The TEMS *variable* is now the standby HUB.**

Explanation

The TEMS has successfully switched to the role of the standby HUB.

KQM0100 **Inconsistent Self-Describing Agent configuration at FTO peers: Local (*State variable*/*Status variable*) Peer (*State variable*/*Status variable*).**

Explanation

This message indicates that SDA is not configured consistently on both FTO peers. The State value

includes ON, OFF, or ERROR. The Status value includes any integer from 0 to 16 inclusive.

- If SDA is enabled on one peer but not on the other, simply modify the KMS_SDA environment variable on one of the peers so that the configuration is the same on both monitoring servers.
- If SDA is enabled but the state is ERROR, examine the logs, messages, and audit traces for the offending hub monitoring server. Make any required configuration and environment correction and recycle the hub monitoring server.

The error status code value can be one of the following:

Status	Description
1	SDM initialization failed
2	ITM_HOME/CANDLEHOME directory not specified
3	TEMS_MANIFEST_PATH not specified

Status	Description
4	TEMS_MANIFEST_PATH directory length exceeds maximum
5	TEMS_MANIFEST_PATH directory doesn't exist
6	KMS_SDA contains unexpected value
7	SDM Distributed Request Manager failed to initialize
8	SDM Notification Manager failed to initialize
9	Unable to create SDM Request Manager thread
14	SDM Broadcast Request Manager failed to initialize
15	Unable to create SDM Broadcast Manager thread
16	KMS_SDA=N configured on local TEMS

KRAA messages

The messages that begin with the KRAA prefix are associated with the Audit log of each monitoring agent (SDA refers to a Self-Describing Agent).

KRAA0001 **Self-Describing Agent Installation started for PRODUCT variable, with TEMS variable, VERSION_INFO variable.**

Explanation

This message is informational only.

KRAA0002 **Self-Describing Agent Installation has completed successfully for PRODUCT variable, with TEMS variable, VERSION_INFO variable.**

Explanation

This message is informational only.

KRAA0003 **Self-Describing Agent Register/Install failed with STATUS variable for PRODUCT variable, with TEMS variable, VERSION_INFO variable.**

Explanation

This message is informational only.

KRAA0004 **Self-Describing Agent Register/Install giving up after variable failed attempts for PRODUCT variable.**

Explanation

This message is informational only.

KRAA0005 **Self-Describing Agent that is connected to non-SDA TEMS variable TEMS Version variable, for PRODUCT variable.**

Explanation

This message is informational only.

KRAA0006 **Self-Describing Agent package file variable specified in manifest file variable does not exist.**

Explanation

This message is informational only.

KRAA0007 **Self-Describing Agent manifest file *variable* contains invalid package version specification *variable*.**

Explanation

This message is informational only.

KRAA0008 **Validation failed for Self-Describing Agent manifest file *variable* PRODUCT *variable*.**

Explanation

This message indicates an validation error occurred and that the agent is not be able to provide SDA support.

User response:

Refer to the Audit log and RAS1 for other similar messages that indicate the specific SDA manifest file validation error. After you correct the error, recycle the agent to participate in SDA processing.

KRAA0011 **Self-Describing Agent Register/ Install has *variable* failed attempts for PRODUCT *variable*. Will retry a maximum of *variable* times.**

Explanation

This message is informational only.

KRAA0012 **Self-Describing Agent function disabled by TEMA_SDA configuration for PRODUCT *variable***

Explanation

This message indicates that the TEMA_SDA=N variable is set for an SDA enabled agent. The SDA feature was intentionally turned off at this agent. This message is informational only.

KRAA0013 **Self-Describing Agent function disabled by TEMS *variable* for PRODUCT *variable*.**

Explanation

This message indicates that an SDA-enabled agent connects to a Tivoli Enterprise Monitoring Server that has SDA disabled.

User response:

The Tivoli Enterprise Monitoring Server must have SDA enabled in order for any SDA installations to occur from this agent.

KRAA0014 **Self-Describing Agent function enabled and ready for PRODUCT *variable*, TEMS *variable***

Explanation

This message indicates normal SDA operation for this agent. This message is only issued when the agent SDA operational status changes from “Disabled” to “Enabled” as a result of connecting to a Tivoli Enterprise Monitoring Server that now has SDA turned on. This message is informational only.

KRAA0015 **Self-Describing Agent function disabled for PRODUCT *variable* due to local SDA file validation error.**

Explanation

This message indicates that agent SDA status was disabled due to manifest file validation error. This condition can occur at agent startup time, or while the agent is running and was asked to provide SDA support.

User response:

After you correct the error condition, recycle the agent to enable its SDA function

KRAA0016 **Ignoring TEMA_SDA Configuration! Agent SDA package not found for PRODUCT *variable***

Explanation

This message indicates that the TEMA_SDA=Y setting is ignored because the agent SDA package was not found.

User response:

Set the variable only when an agent is packaged with SDA support files.

KRAA0017 **Self-Describing Agent function disabled, expected TEMA_SDA configuration not found for PRODUCT *variable***

Explanation

This message indicates that SDA is disabled because TEMA_SDA configuration was not set (although the SDA package exists).

User response:

This variable is required for the agent to provide its SDA support.

KRAA0018 **Agent operating in Autonomous Only Mode. Self-Describing Agent**

function disabled for PRODUCT variable.

Explanation

This message indicates that the agent is running in Autonomous Only Mode.

KRA messages

The messages that begin with the KRA prefix are associated with the agent operations log.

**KRAACMD00 Incorrect FTO configuration!
Configure secondary TEMS for this agent!**

Explanation

The agent received a command from the FTO monitoring server to switch to secondary monitoring server, but no secondary monitoring server is configured on the agent.

KRAE042I EIF event configuration definition failed. Agent EIF emitter feature disabled.

Explanation

EIF configuration file was not found or an XML parsing error occurred. Autonomous agent EIF event emitter is disabled as a result.

User response

1. Message can be ignored if autonomous agent EIF emitter feature is not used.
2. Confirm the location of the EIF configuration XML file. Agent RAS1 log contains the name and location of EIF configuration file in the following message:
 - On distributed systems: *INFO: Local Agent EIF destination configuration file name <\$ITMHOME\XXX\<pc>_eventdest.xml>
 - On z/OS: *INFO: Local Agent EIF destination configuration file name <MQEVDST.RKANDATV>
3. Check the agent operator's log and the agent RAS1 trace log for XML parsing errors. Use KBB_RAS1=ERROR(UNIT:KRA ALL) trace to determine the line number and XML token causing the parsing error.

KRAIRA000 Starting Enterprise situation <situation> <XXXXXXXXXX,XXXXXXXXXX> for <pc.attribute_name>

User response:

To use the SDA product installation feature, you must configure the agent to connect to a Tivoli Enterprise Monitoring Server that supports SDA.

Explanation

The agent successfully started monitoring for the situation. This message appears twice for situations with a take action command.

KRAIRA002 Executed <cmd> with status <errno>.

Explanation

Indicates the execution of an action command, where *cmd* is the take action command associated with the situation and *errno* is the error code returned by OS when take action command is executed. The explanation of this error code can be found in standard C library header file *errno.h*.

KRAIRA003 TakeSample call abended for <situation> <XXXXXXXXXX,XXXXXXXXXX> on <pc.attribute_name>, stopping request.

Explanation

The situation sample failed in the agent collector with an unrecoverable error. The situation request will be stopped by the framework.

KRAIRA008 Unable to export SNMP and EIF events for duperized situation _Z_<situation_name>, Producer(IRA Constructor)

Explanation

Agent can not determine the list of situations that were combined into the duperized situation and therefore the agent is unable to export SNMP and EIF events for these situations. To resolve this problem, perform one of the following procedures:

- Disable the duper mechanism on the monitoring server by setting the environment variable CMS_DUPER=NO.
- Identify situations that are combined into a duperized situation. Then change each situation

sampling interval to make it ineligible for duperization.

Tip: Use ERROR(UNIT:ko4lodge STATE) trace on TEMS to determine situations combined into a duperized situation. For example, "ko4lodge.cpp,1282,"newSitRec::buildName AndPredicate") created a new situation `_Z_<WTHPHYSDSK2>` by melding `<NT_Physical_Disk_Busy_Warning NT_Physical_Disk_Busy_Critical>` where `_Z_WTHPHYSDSK2` represents the duperized situation that combines sampling for situations `NT_Physical_Disk_Busy_Warning` and `NT_Physical_Disk_Busy_Critical`. To resolve the original problem, change the sampling interval for situation `NT_Physical_Disk_Busy_Warning` and situation `NT_Physical_Disk_Busy_Critical` by a few seconds.

KRALOG000 New log file created

Explanation

The agent operations log (LG0) has been successfully created.

KRAMGR000 RPC call `Sample for <tems_handle,agent_handle>` failed, status = `<status>`

Explanation

For `<status> = 1c010001`, the monitoring server process is down or unreachable. The agent lost monitoring server connection and will attempt to reconnect.

For `<status> = 210102bd`, the monitoring server is unable to locate request matching request handle `<tems_handle>`, because the situation was stopped or restarted on the monitoring server, but not on the agent. The agent sent data for the old instance of this situation request. The monitoring server will stop or restart the situation on the agent.

KRAMGR001 No HEARTBEAT request found. Initiating reconnect.

Explanation

The agent deactivated and restarted connection with the monitoring server.

KRAREG001 CMS lookup failed.

Explanation

The agent failed to connect to the monitoring server. The agent will wait for ten minutes before attempting to reconnect.

KRAREG003 RPC call `SubnodeRequest for <XXXXXXXXXX,XXXXXXXXXX>` failed, status = `<status>`

Explanation

The RPC call to register agent subnodes failed. The agent will deactivate the monitoring server connection and attempt to reconnect and re-register subnodes.

KRAMN000 IRA rmt server shutting down.

Explanation

The agent is shutting down.

KRAS021I SNMP trap emitter stopped.

Explanation

SNMP trap configuration file was not found or an XML parsing error occurred. Autonomous agent SNMP trap emitter feature is disabled due to this error.

User response

1. Ignore the message if the autonomous agent SNMP trap-emitted feature is not used.
2. Confirm the location of the SNMP trap configuration file. The agent RAS1 log contains the name and location of the SNMP configuration file in the following message:
 - On distributed systems: *INFO: Local SNMP Trap configuration file name `<$ITMHOME\XXX\<pc>_trapcnfg.xml>`
 - On z/OS: *INFO: Local SNMP Trap configuration file name `<MQTRAPS.RKANDATV>`
3. Check the agent operator's log and the agent RAS1 trace log for XML parsing errors. Use `KBB_RAS1=ERROR(UNIT:KRA ALL)` trace to determine the line number and XML token causing the parsing error.

KRAS022I SNMP trap configuration definition failed. Agent trap emitter feature disabled.

Explanation

SNMP trap configuration file was not found or an XML parsing error occurred. Autonomous agent SNMP trap emitter feature is disabled due to this error.

User response

1. Ignore the message if the autonomous agent SNMP trap-emitted feature is not used.
2. Confirm the location of the SNMP trap configuration file. The agent RAS1 log contains the name and location of the SNMP configuration file in the following message:
 - On distributed systems: *INFO: Local SNMP Trap configuration file name <\$ITMHOME\XXX\<pc>\<pc>_trapcnfg.xml>
 - On z/OS: *INFO: Local SNMP Trap configuration file name<MQTRAPS.RKANDATV>
3. Check the agent operator's log and the agent RAS1 trace log for XML parsing errors. Use KBB_RAS1=ERROR(UNIT:KRA ALL) trace to determine the line number and XML token causing the parsing error.

KRAS041I **EIF event emitter stopped.**

Explanation

EIF configuration file was not found or an XML parsing error occurred. Autonomous agent EIF event emitter is disabled as a result.

User response

1. Message can be ignored if autonomous agent EIF emitter feature is not used.
2. Confirm the location of the EIF configuration XML file. Agent RAS1 log contains the name and location of EIF configuration file in the following message:
 - On distributed systems: *INFO: Local Agent EIF destination configuration file name <\$ITMHOME\XXX\<pc>_eventdest.xml>
 - On z/OS: *INFO: Local Agent EIF destination configuration file name <MQEVDST.RKANDATV>
3. Check the agent operator's log and the agent RAS1 trace log for XML parsing errors. Use KBB_RAS1=ERROR(UNIT:KRA ALL) trace to determine the line number and XML token causing the parsing error.

KRATBM000 **Sample error <status_code>, for <situation_name> <xxxxxxxxxx,xxxxxxxxxx> <pc.attribute_name>**

Explanation

The situation sample failed with a minor error. The framework expects the agent collector to recover on the next sample. The situation is not stopped.

KRAX005E **Unable to open XML definition file:<\$ITMHOME\XXX\<pc>\<pc>_cnfglist.xml>, reason: No such file or directory.**

Explanation

The Centralized Configuration load list XML file was not found or XML parsing errors occurred while processing this file.

User response

1. Message can be ignored if Centralized Configuration functionality is not used.
2. Confirm the location of the Configuration load list XML file. Agent RAS1 log contains the name and location of Configuration load list XML file in the following message:
 - On distributed: *INFO: Local Configuration Load file name <\$ITMHOME\XXX\<pc>\<pc>_cnfglist.xml>
 - On z/OS: *INFO: Local Configuration Load file name <MQCFGLST.RKANDATV>
3. Check the agent operator's log and agent RAS1 trace log for XML parsing errors. Use KBB_RAS1=ERROR(UNIT:KRA ALL) trace to determine the line number and XML token causing parsing error.

KRAX005I **Unable to open XML definition file:<\$ITMHOME\XXX\<pc>\<pc>_cnfglist.xml>, reason: No such file or directory.**

Explanation

The centralized configuration load list XML file was not found or XML parsing errors occurred while processing this file.

User response

1. Message can be ignored if Centralized Configuration functionality is not used.
2. Confirm the location of the Configuration load list XML file. Agent RAS1 log contains the name and location of Configuration load list XML file in the following message:
 - On distributed: *INFO: Local Configuration Load file name <\$ITMHOME\XXX\<pc>\<pc>_cnfglist.xml>
 - On z/OS: *INFO: Local Configuration Load file name <MQCFGLST.RKANDATV>

3. Check the agent operator's log and agent RAS1 trace log for XML parsing errors. Use KBB_RAS1=ERROR(UNIT:KRA ALL) trace to determine the line number and XML token causing parsing error.

KRAX014E **Threshold XML override document object name not defined.**

Explanation

Situation threshold override XML file was not found or an XML parsing error occurred while processing this file.

User response

1. Message can be ignored if situation override functionality is not used.

2. Confirm the location of the threshold override XML file. Agent RAS1 log contains the name and location of the threshold override file in the following message:

- On distributed: *INFO: Local threshold override file name <\$ITMHOME\XXX\<hostname>_<pc>_thresholds.xml>
- On z/OS: *INFO: Local threshold override file name <MQTHRES.RKANDATV>

3. Check the agent operator's log and agent RAS1 trace log for XML parsing errors. Use KBB_RAS1=ERROR(UNIT:KRA ALL) trace to determine the line number and XML token causing the parsing error.

TMS:Engine codes

This appendix contains information you need to interpret IBM Tivoli Management Server: Engine (TMS:Engine) messages and logs. This includes the codes for the following:

- “TMS:Engine abend and snap dump codes” on page 561
- “TMS:Engine message route codes” on page 562
- “TMS:Engine sense data format” on page 562

TMS:Engine abend and snap dump codes

This section describes the TMS:Engine abend codes and snap dump codes.

TMS:Engine can issue the following abend codes:

Code	Description
U0000	After TMS:Engine termination is requested and confirmed, a program timer is set limiting the shutdown time to 30 seconds. If the timer expires, user abend 0 is invoked to purge TMS:Engine from the system. The unexpected halt of a component usually causes. If the problem persists, contact IBM Software Support.
U0004	The TMS:Engine load library cannot be opened during initialization. This is usually the result of an invalid RKANMODL DD statement in the TMS:Engine JCL procedure. There should also be z/OS messages in the JES sysout log indicating a specific reason why the library could not be opened. Use this information to correct the error and restart TMS:Engine.
U0008	During start-up, TMS:Engine detected an exception condition. While trying to issue a WTO indicating the source of the error, the integrity of the TMS:Engine address was found to be corrupted. Contact IBM Software Support.
U0012	During start-up, TMS:Engine detected an exception condition. A message indicating the source of the error is written to the TMS:Engine log. Refer to the error message to determine your course of action.
U0100	This is a run-time abend invoked by the TMS:Engine product to generate dump documentation for a recoverable software failure. The abend is accompanied by a message written to the TMS:Engine log, which explains the reason for the abend. Most of the reasons refer to storage allocation/deallocation errors. After a system dump is taken, the product attempts to recover from this failure automatically. Successful recovery is indicated by the message KLVER011 Note: You should shut down the TMS:Engine product and restart as soon as possible after receiving this abend code. Although recovery may be successful, the address space may be damaged.
U0200	This is a run-time abend invoked by the TMS:Engine product to generate dump documentation for a non-recoverable software failure. The abend is accompanied by a message written to the TMS:Engine log, which explains the reason for the abend. These abends are generally caused by storage exhaustion or storage overlays and cannot be retried. This abend can also be forced by the SHUTDOWN ABEND operator command. TMS:Engine terminates after a system dump is taken.

TMS:Engine can generate the following snap dumps.

Table 8. TMS:Engine snap dump codes

Code	Description
10	An abend has occurred in TMS:Engine and the scheduled abend is intercepted by the ESTAE exit routine. All resident TMS:Engine load modules and various TMS:Engine control blocks and tables are dumped. Message KLVER001 is also issued, and gives the reason for the abend.
11	An abend has occurred in TMS:Engine and the scheduled abend is intercepted by the ESTAE exit routine. For each TMS:Engine subtask, the contents of the JPA, control blocks, queue control blocks, error control blocks, data management information, and I/O control areas are dumped. Message KLVER001 is also issued, and gives the reason for the abend.
99	An TMS:Engine application has requested a snap dump. Message KLVER001 is also issued, and identifies who requested the snap.

TMS:Engine message route codes

This section lists the TMS:Engine message route codes. Messages can be routed to different console groupings. Routing is based on the type coded internally with the message. The routing types are:

Table 9. TMS:Engine message route codes

Code	Description
ABEND	Abend messages are routed to the system console.
ALERT	Alert messages are routed to all consoles.
ERROR	Error messages are routed to the console that made the request that caused the error.
INFO	Information messages are routed to all consoles.
LOG	Log messages are recorded in the TMS:Engine log data set.
REPLY	Reply messages are routed to the console that made the request.
USER	Reserved.
VIEW	View messages are written to the VIEWLOG cluster.
WARN	Warning messages are routed to all consoles.

Initial defaults are for all consoles to accept ALERT, ERROR, INFO, REPLY, and WARNING messages addressed to the console. The master console receives all ALERT, INFO, and WARNING messages, regardless of the message origin, as well as ERROR and REPLY messages in response to commands issued from the master console.

The defaults for the VIEWLOG cluster are ALERT, ERROR, INFO, VIEW, and WARNING. These can be changed with the AS *SYSVLG* MONITOR command.

Defaults for the system log are ALERT, ERROR, INFO, REPLY, and WARNING.

Note: Although you can change message routing, you are strongly encouraged to accept the initial defaults.

TMS:Engine sense data format

This section describes the TMS:Engine sense data format. SNA exception sense codes may appear in some messages. These sense codes have the same meaning as identified in IBM SNA documentation. Each code consists of a 4-byte fullword field. The first byte is the category, the second the modifier, and the final two bytes are sense code specific information or user-defined data. For more information on interpreting these fields, refer to *IBM Systems Network Architecture Format and Protocol Reference*

Manual: Architectural Logic. The category and modifier bytes hold the sense code defined for the exception condition that occurred. The following categories of messages, as identified by the first two bytes, might display:

- 00** User Sense Data Only
- 08** Request Reject
- 10** Request Error
- 20** State Error
- 40** Request Header (RH) Usage Error
- 80** Path Error

<i>Table 10. TMS:Engine message route codes</i>	
Code	Description
BYTE 0	BIT 0 - REQSTAT origin flag: <ul style="list-style-type: none"> • 0 if associated with an RPL based request. • 1 if associated with a NOTIFY request.
	BIT 1 - Sense data flag <ul style="list-style-type: none"> • 0 if system sense, or no sense data available. • 1 if user sense data present.
	BITS 2-7 - Return code or status information <ul style="list-style-type: none"> • RPL Return code (RPLRTNCD). • NOTIFY Notify status code, currently supported values: <ul style="list-style-type: none"> – x'02' Session established. – x'03' Procedure error
BYTE 1	Feedback or reason code <ul style="list-style-type: none"> • RPL Feedback code (RPLFDB2). • NOTIFY Reason flags, currently valid only for status x'03'. This field refers to the 10th byte of the Third Party Notification NOTIFY vector.
BYTES 2–3	Sense data <ul style="list-style-type: none"> • System sense Refers to the RPLSSEI and RPLSSMI fields, respectively. • User sense Refers to the RPLUSNSI field.

IBM Tivoli Monitoring product codes

The following table lists the product codes that identify the different IBM Tivoli Monitoring components and agents. Use these codes when running commands.

Component	Product code
Active Directory monitoring agent	3z
Alert Adapter for AF/REMOTE	a2
i5/OS monitoring agent	a4
System Automation for z/OS	ah
OMEGACENTER Gateway MVS Alert Adapter	am
Tivoli Enterprise Monitoring Automation Server	as
CA-Unicenter Alert Emitter	au
IBM Tivoli Monitoring Shared Libraries	ax
RAS1 programming building blocks	bb
ITCAM System Edition for WebSphere DataPower	bc
CASP Directory Server Monitoring Agent	bl
CASP Exchange Connector Monitoring Agent	br
Basic Services	bs
IBM Tivoli Monitoring for CICS	c3
IBM Z OMEGAMON for CICS	c5
TEMS Configurator	cf
IBM Tivoli Monitoring for Cryptographic Coprocessors	cg
IBM Tivoli Monitoring Product Installer	ci
IBM Tivoli Monitoring SQL Files	cicatrsql
IBM Tivoli Monitoring Product Installer	cienv
Tivoli Enterprise Portal Desktop Client	cj
Command and Control	co
IBM Tivoli Monitoring for CICS	cp
Tivoli Enterprise Portal Server	cq
ICU globalization support	cu
Tivoli Enterprise Portal Browser Client	cw
IBM Tivoli Monitoring CommandPro	cz
IBM Tivoli Monitoring for Db2	d3
ITCAM for SOA	d4
OMEGAMON for PE and PM on z/OS	d5

Table 11. IBM Tivoli Monitoring product codes (continued)

Component	Product code
distributed communications	dc
Distributed Database common code	dd
distributed communications transport protocol	de
OMEGAMON II for SMS	df
Internet http server	dh
IBM Tivoli Decision Support for z/OS	do
OMEGAMON XE for Db2 PE and PM on z/OS	dp
granular security on distributed platforms	dq
Tivoli Enterprise Management Server	ds
remote deploy (os agent only)	dy
R/3 Clients (for ETEWatch) Monitoring Agent	e3
Siemens APOGEE Agent	e4
OSIsoft PI Agent	e5
Johnson Controls Metasys Agent	e6
APC InfraStruXure Agent	e7
Eaton Power Xpert Agent	e8
Active Energy Manager Agent	e9
Internet Monitoring Agent	ea
Lotus Notes Clients (for ETEWatch) Monitoring Agent	el
Event manager	em
SNMP Gateway on Windows NT	en
Management Agent for Tivoli Enterprise Console Gateway	er
EIF to WS-Notification Converter	es
End-to-End	et
Custom Clients (for ETEWatch) Monitoring Agent	eu
Web Browsers (for ETEWatch) Monitoring Agent	ew
Monitoring Agent for Microsoft Exchange Server	ex
OMA for eBA Solutions	ez
Tivoli Enterprise Monitoring Server	fa
Monitoring Agent for Tivoli Management Framework	fn
Windows NT Tivoli Enterprise Portal	fw
SNMP Gateway on AIX	ga
IBM Tivoli Monitoring for Domino	gb
general library	gl

Table 11. IBM Tivoli Monitoring product codes (continued)

Component	Product code
Graphics and Sound Library for TEP	gr
IBM GSKit Security Interface	gs
IBM Z OMEGAMON for CICS TG	gw
HMC Alert Adapter	hc
Warehouse Proxy	hd
HP OpenView IT/Operations Alert Adapter	hi
OMEGAMON z/OS Management Console	hl
HP OpenView NNM Alert Adapter	ho
Monitoring Agent for Web Servers	ht
OMEGAMON II for IMS	i2
OMEGAMON XE for IMS on z/OS	i5
WebSphere InterChange Server Monitoring Agent	ic
OpenView ITO Alert Emitter	ih
OMEGAMON XE for IMS on z/OS	ip
IBM Tivoli Composite Application Manager for Internet Service Monitoring	is
TEC GUI Integration	it
IBM HTTP Server	iu
IBM Tivoli Enterprise Portal Server Extensions Update	iv
IBM Tivoli Enterprise Portal Server Extensions	iw
Tivoli Enterprise-supplied JRE	jr
Monitoring Agent for JMX JSR-77	ju
Monitoring Agent for Tivoli Enterprise Console	ka
IBM Eclipse Help Server	kf
ITCAM for Response Time Enabler on z/OS	kt
IBM Tivoli LAP tool	la
Lotus Notes Monitoring Agent	ln
Monitoring Agent for Netcool\OMNIbus Logfiles	lo
ITMS:Engine	lv
POSIX pthread mapping service (CT/Engine)	lx
Monitoring Agent for Linux OS	lz
OMEGAMON II for MVS	m2
IBM Tivoli Monitoring for OS/390	m3
OMEGAMON on z/OS	m5
Remedy ARS Alert Adapter	ma

Table 11. IBM Tivoli Monitoring product codes (continued)

Component	Product code
WebSphere MQ Configuration Agent	mc
PQEdit	md
WebSphere MQ Monitoring Agent	mq
Tivoli Enterprise Monitoring Server	ms
OMEGAMON XE for Mainframe Networks	n3
IBM Z NetView Enterprise Management Agent	na
Monitoring Agent for IBM Z NetView Server	nd
Tivoli Omnibus ObjectServer Agent	no
IBM Tivoli Network Manager	np
Monitoring Agent for Windows OS	nt
IBM Z NetView/AIX Alert Adapter	nv
Novell NetWare Monitoring Agent	nw
Tivoli Enterprise Monitoring Server	o4
OMNIMON BASE	ob
OMEGAMON for z/OS (z/OS UNIX System Services)	oe
OMEGAMON II for Mainframe Network	on
Monitoring Agent for Microsoft SQL Server	oq
Monitoring Agent for Oracle	or
IBM Tivoli Monitoring for Sysplex	os
Informix Monitoring Agent	ox
Monitoring Agent for Sybase Server	oy
Base Monitoring Agent for AIX	p5
ITCAM Agent for PeopleSoft Enterprise Application Domain	p8
ITCAM Agent for PeopleSoft Enterprise Process Scheduler	p9
Performance Analytics for TEP	pa
DEC Polycenter Alert Adapter	pc
Monitoring Agent for Provisioning	pe
Base Monitoring Agent for HMC	ph
Base Monitoring Agent for CEC	pk
CandleLight Workstation	pl
PeopleSoft Monitoring Agent	ps
Peregrine ServiceCenter Alert Adapter	pt
Base Monitoring Agent for VIOS	pv
Premium Monitoring Agent for AIX	px

Table 11. IBM Tivoli Monitoring product codes (continued)

Component	Product code
Monitoring Agent for Microsoft Cluster Server	q5
Microsoft Internet Information Services (IIS) Agent	q7
Monitoring for Microsoft Applications	qa
IBM Tivoli Monitoring for IBM Director	qd
Monitoring Agent for Microsoft .NET Framework	qf
WebSphere Message Broker Monitoring Agent	qi
Tivoli Enterprise Monitoring Server	qm
Monitoring Agent for Microsoft Virtual Server	qr
Monitoring Agent for VMware ESX	qv
Monitoring Agent for Citrix Access Suite	qx
Agentless Monitoring for Windows Operating Systems	r2
Agentless Monitoring for AIX Operating Systems	r3
Agentless Monitoring for Linux Operating Systems	r4
Agentless Monitoring for HP-UX Operating Systems	r5
Agentless Monitoring for Solaris Operating Systems	r6
Business System Manager Common Agent	r9
Agent Operations Log	ra
IBM Tivoli Monitoring for Rational Applications	rc
IBM Tivoli Advanced Audit for DFSMSHsm	rg
IBM Tivoli Allocation Optimizer for z/OS	rj
IBM Tivoli Automated Tape Allocation Manager	rk
IBM Tivoli Advanced Catalog Management for z/OS	rn
IBM Tivoli Advanced Backup and Recovery for z/OS	rv
IBM Tivoli Tape Optimizer	rw
ITCAM Extended Agent for Oracle Database	rz
OS/2 Monitoring Agent	s2
IBM Tivoli OMEGAMON XE for Storage on z/OS	s3
Monitoring Agent for mySAP	sa
shared probes	sb
Status Data Manager	sd
Tivoli Enterprise Monitoring SOAP Server	sh
Best Practices for WebSphere	sj
Reporting Agent for Tivoli Storage Manager	sk
SNMP Alert Adapter	sp

Table 11. IBM Tivoli Monitoring product codes (continued)

Component	Product code
IBM Tivoli Service Level Advisor	sr
Windows NT SNA Server Monitoring Agent	ss
Summarization and Pruning Agent	sy
ITCAM File Transfer Enablement	t1
ITCAM for Response Time Tracking TEMA	t2
ITCAM Application Management Console (AMC)	t3
ITCAM for Client Response Time (CRT) Agent	t4
ITCAM for Web Response Time (WRT) Agent	t5
ITCAM for Robotic Response Time (RRT) Agent	t6
ITCAM for MQ Tracking	th
OMEGAMON XE for Message Transaction Tracker	tl
Monitoring Agent for IBM Tivoli Monitoring 5.x Endpoint	tm
Unicenter TNG Alert Emitter	tn
ITCAM Transaction Reporter	to
IBM Z NetView Alert Emitter	tr
ITCAM Transaction Collector	tu
Tivoli Enterprise Console Alert Adapter	tv
Tuxedo Monitoring Agent	tx
CA-Unicenter Alert Adapter	ua
IBM Tivoli Monitoring for Applications: Siebel Agent	ub
Monitoring Agent for Db2	ud
Tivoli Enterprise Services User Interface Extensions	ue
Universal Agent Framework	uf
Tivoli Enterprise Services User Interface	ui
Unison Maestro Alert Adapter	uj
Monitoring Agent for UNIX Logs	ul
Universal Agent	um
Unison RoadRunner Alert Adapter	ur
Unicenter TNG Alert Adapter	ut
Monitoring Agent for UNIX OS	ux
Premium Monitoring Agent for VIOS	va
HP OpenView Alert Emitter	vi
OMEGAMON XE on z/VM and Linux	vl
IBM Tivoli Monitoring for Virtual Servers	vm

Table 11. IBM Tivoli Monitoring product codes (continued)

Component	Product code
Tivoli Enterprise Console Alert Emitter	vt
IBM Z NetView Agent Support	vw
WebSphere Application Server Monitoring Agent	we
IBM Tivoli Composite Application Manager Common Components	wj
BEA Weblogic Server Monitoring Agent	wl
IBM Tivoli Monitoring for OMEGAVIEW II for the Enterprise	wo
WebSphere Application Server on OS/390	ww
IBM Tivoli Information Management for z/OS	yb
Monitoring Agent for J2EE	yj
Monitoring Agent for WebSphere	yn

ETE return codes and sense codes

This appendix lists the return codes and sense codes for the End-to-End (ETE) response time monitor component used by some monitoring agents on z/OS.

Return codes

Table 12 on page 573 shows the return code as a decimal value followed by the hexadecimal equivalent. Note that the sense codes apply only to return codes 16 and 20.

<i>Table 12. Decimal and hex return codes with meanings for return codes 16 and 20</i>		
Dec	Hex	Meaning
0	00	Request successfully completed.
4	04	ETE is not APF-authorized.
8	08	Invalid handle.
12	0C	ETE not active.
16	10	Maintenance mismatch. Sense code has first fix number not matching.
20	14	Request failed. Sense code has reason for failure.
24	18	Load of KETTINSN module failed.

Sense codes

This section lists the End-to-End sense codes.

ETE address space sense codes

X'010000E0'

Insufficient private storage

X'010000E1'

Unsupported operating environment

X'010000E2'

Recovery not established

ETE capture facility ADD sense codes

X'018001E0'

Insufficient private storage

X'018001E1'

Unsupported environment

X'018001E2'

Recovery not established

X'018001E3'

ETE is not running

X'018001E4'

Unknown category

X'018001E5'

CRCA GETMAIN failure

X'018001E8'
CUWB lock obtain failure

X'018001EA'
RU capture facility is not up

X'018001EB'
CRCB build failure

X'018001EC'
Collector abended

X'018001ED'
VIT PIU trace is inactive

X'018001EE'
Abend occurred during request

X'018001EF'
Load of KETTCAP stub failed

X'018001F0'
LU not found (Index into parm block is 12th bit for 1 byte)

X'018001F1'
Control block corruption detected

X'018001F2'
CRCB entry length error

EXTRACT request errors

These sense codes are returned by OMEGAMON messages.

X'020000C0'
Insufficient private (NCWA)

X'020000C1'
Enqueue failure

X'020000C2'
User not monitoring this device

X'020000C3'
Dequeue failure

X'020000C4'
Control block corruption detected

X'020000C5'
Abend occurred during request

X'020000C6'
Collector abended

X'020000C7'
Unsupported environment

X'020000C8'
Recovery not established

X'020000C9'
Lock obtain timeout

X'020000CA'
VIT PIU trace is inactive

X'020000CB'
Extract area specification error

X'020000CC'
Extract area page fix error

X'020000CD'

SLUL corruption detected during extract request

X'020000CE'

SLUL is not active during extract request

X'020000CF'

No terminal for extract request

X'020000D0'

No partner for extract request

ETE Capture Facility REMOVE sense codes**X'028001C0'**

Insufficient private storage

X'028001C1'

Unsupported environment

X'028001C2'

Recovery not established

X'028001C3'

Collector abended

X'028001C4'

VIT PIU trace is inactive

X'028001C5'

Abend occurred during request

X'028001C6'

ETE is not running

X'028001C7'

CUWB lock obtain failure

X'028001C8'

Unable to locate CUWB

X'028001C9'

Subtask terminated

X'028001CA'

Subtask did not terminate

X'028001CB'

REBF READY Q ENQ failed

X'028001CC'

Control block corruption detected

REFRESH request errors

These sense codes are returned by OMEGAMON messages.

X'040000A0'

Insufficient private (NCWA)

X'040000A1'

Enqueue failure

X'040000A2'

User not monitoring this device

X'040000A3'

Dequeue failure

X'040000A4'

Control block corruption detected

- X'040000A5'**
Abend occurred during request
- X'040000A6'**
Collector abended
- X'040000A7'**
Unsupported environment
- X'040000A8'**
Recovery not established
- X'040000A9'**
Lock obtain timeout
- X'040000AA'**
VIT PIU trace is inactive
- X'040000AB'**
SLUL corruption detected during refresh request
- X'040000AC'**
SLUL is not active during refresh request
- X'040000AD'**
No terminal for refresh request
- X'040000AE'**
No partner for refresh request

ETE capture facility install API sense codes

- X'048001A0'**
Insufficient private storage
- X'048001A1'**
Unsupported environment
- X'048001A2'**
Recovery not established
- X'048001A3'**
ETE is not running
- X'048001A4'**
CUWB GETMAIN failure
- X'048001A5'**
CRWA GETMAIN failure
- X'048001A7'**
KETTCAP ATTACH failure
- X'048001A8'**
CUWB lock obtain failure
- X'048001A9'**
PSQT overflow
- X'048001AA'**
RU capture facility is not up
- X'048001AB'**
CRCB build failure
- X'048001AC'**
Collector abended
- X'048001AD'**
VIT PIU trace is inactive

X'048001AE'

Abend during request

X'048001AF'

Load of KETTCAP stub failed

X'048001B0'

LU not found (Index into PARM block is at the 12th bit of 1 byte)

X'048001B1'

Load of PIU delivery exit failed

STATUS request errors

These sense codes are returned by OMEGAMON messages.

X'08000080'

Insufficient private (NCWA)

X'08000081'

Enqueue failure

X'08000082'

User not monitoring this device

X'08000083'

Dequeue failure

X'08000084'

Control block corruption detected

X'08000085'

Abend occurred during request

X'08000086'

Collector abended

X'08000087'

Unsupported environment

X'08000088'

Recovery not established

X'08000089'

Lock obtain timeout

X'0800008A'

VIT PIU trace is inactive

X'0800008B'

KETTAPRN call to KETTSTSN failed

X'0800008C'

SLUL corruption detected during status request

X'0800008D'

SLUL is not active during status request

X'0800008E'

No terminal for status request

X'0800008F'

No partner for status request

ETE capture facility sense codes**X'08800180'**

Load failure for KETTCAP

X'08800181'

GM failure for KETTCAP

X'08800182'

Load failure for KETCAPIc API RTR

X'08800183'

GM failure for KETCAPIc API RTR

X'08800184'

Load failure for KETCAPIc API

X'08800185'

GM failure for KETCAPIc API

X'08800186'

Load failure for KETTCAP

X'08800187'

GM failure for KETTCAP

X'08800188'

Load failure for KETEPIDN

X'08800189'

GM failure for KETEPIDN

DELETE request errors

These sense codes are returned by OMEGAMON messages.

X'10000060'

Insufficient private (NCWA)

X'10000061'

Enqueue failure

X'10000062'

User not monitoring this device

X'10000063'

Dequeue failure

X'10000064'

Control block corruption detected

X'10000065'

Abend occurred during request

X'10000066'

Collector abended

X'10000067'

Unsupported environment

X'10000068'

Recovery not established

X'10000069'

Lock obtain timeout

X'1000006A'

VIT PIU trace is inactive

X'1000006B'

Lock obtain failure

X'1000006C'

CID not found during CIHT delete processing

X'1000006D'

ADPB not found

X'1000006E'

No terminal for delete request

X'1000006F'

No partner for delete request

RASTOP sense codes**X'10800160'**

Insufficient private storage

X'10800161'

Enqueue failure

X'10800163'

VIT PIU trace is inactive

X'10800164'

Collector abended

X'10800165'

Abend occurred during request

X'10800166'

Dequeue failure

X'10800167'

ETE address space is inactive

X'10800168'

XMEM FREEMAIN failed (ADPB)

X'10800169'

XMEM services failed

X'1080016A'

ADPB lock obtain failure

X'1080016B'

Recovery not established

X'1080016C'

ADPB not found for token

X'1080016D'

PSQE deletion failure

X'1080016E'

Lock obtain timeout

X'1080016F'

SLUL corruption detected during STOPMON request

X'10800170'

SLUL is not active during STOPMON request

ADD request errors

These sense codes are returned by OMEGAMON messages.

X'20000040'

Insufficient private (NCWA)

X'20000041'

Enqueue failure X'20000042' This sense code is returned for one of the following reasons:

1. Device luname not found in network (no data provided for VERBOSE WTO)
2. LU is a virtual terminal, but no information is available from the MSM.
3. ETE address space is no longer running
4. LU is a switched LU or a 37xx TIC-attached token ring LU that has a status of CONCT

Issue the ETE VERBOSE command to produce a WTO to the system console each time this sense code is returned (except for reason 1 above). The WTO specifies which of the above reasons caused the failure.

X'20000043'

Device not suitable for monitoring X'20000044' Device does not support SLU-PLU rspi

X'20000045'

User already monitoring this device

X'20000046'

Insufficient CSA-TDBA

X'20000047'

Insufficient CSA-TDBE

X'20000048'

Insufficient CSA-PSQE

X'20000049'

Dequeue failure

X'2000004A'

Control block corruption detected

X'2000004B'

Abend occurred during request

X'2000004C'

Collector abended

X'2000004D'

Unsupported environment

X'2000004E'

Recovery not established

X'2000004F'

Lock obtain timeout

X'20000050'

Partner luname not found in network

X'20000051'

VIT PIU trace is inactive

X'20000052'

TCRB information is unavailable

X'20000053'

ETE address space is inactive

X'20000054'

Device is in connectable status

X'20000055'

Cross memory set up failure

X'20000056'

Add failed for LU type 1 or 3 device. (FAILNL2 was specified on the EXEC statement in the ETE started task JCL (TKANSAM member CANSET).)

X'20000057'

No partner was specified

X'20000058'

Lock obtain timeout

X'20000059'

CID not found during CIHT add processing

X'2000005A'

GETMAIN for additional CIHT failed

X'2000005B'

GETMAIN for ADPB failed

X'2000005C'

ADPB lock obtain failure

X'2000005D'

No terminal for add request

ETE capture facility QUIESCE sense codes

X'20400240'

Abend occurred during request

X'20400241'

Collector abended

X'20400242'

VIT PIU trace is inactive

X'20400243'

Insufficient private storage

X'20400244'

Unsupported environment

X'20400245'

Recovery not established

X'20400246'

SRB GETMAIN failure

RASTRT sense codes

X'20800140'

Insufficient private storage

X'20800141'

Enqueue failure

X'20800143'

VIT PIU trace is inactive

X'20800144'

Collector abended

X'20800145'

Abend occurred during request

X'20800146'

Dequeue failure

X'20800147'

ETE address space is inactive

X'20800148'

XMEM GETMAIN failed (ADPB)

X'20800149'

XMEM services failed

X'2080014A'

ADPB lock obtain failure

X'2080014B'

Recovery not established

X'2080014C'

Parameter specification error

X'2080014D'

Lock obtain timeout

X'2080014E'

SLUL corruption detected during STARTMON request

X'2080014F'

SLUL is not active during STARTMON request

REMOVE request errors

These sense codes are returned by message ETE0050 or ETE0100 with a return code of 16 or 20.

X'40000020'

Insufficient private (NCWA)

X'40000021'

Enqueue failure

X'40000022'

Subsystem deactivation failure

X'40000023'

Dequeue failure

X'40000024'

Control block corruption detected

X'40000025'

Abend occurred during request

X'40000026'

Collector abended

X'40000027'

Unsupported environment

X'40000028'

Recovery not established

X'40000029'

Lock obtain timeout

X'4000002A'

VIT PIU trace is inactive

X'4000002B'

ETE address space is inactive

X'4000002C'

ADPB deletion failed

ETE capture facility EXTRACT sense codes

X'40400220'

Insufficient private storage

X'40400221'

Unsupported environment

X'40400222'

Recovery not established

X'40400223'

ETE is not running

X'40400224'

CUHB validation error

X'40400225'

CRWH validation error

X'40400226'
Enqueue failure

X'40400227'
RUBF validation error

X'40400228'
Size error, RUBF kept

X'40400229'
Collector abended

X'4040022A'
VIT PIU trace is inactive

X'4040022B'
Abend occurred during request

X'4040022C'
Queue is null

X'4040022D'
Subtask terminated

X'4040022E'
Control block corruption detected

X'4040022F'
Invalid token

CONNECT sense codes

X'40800120'
Insufficient private storage

X'40800121'
Enqueue failure

X'40800122'
Subsystem activation failure

X'40800123'
Insufficient CSA–SSWA

X'40800124'
Insufficient CSA–CLWA

X'40800125'
Insufficient CSA–SAHT

X'40800126'
Load failure–KETTCOL

X'40800127'
Insufficient CSA–KETTCOL

X'40800128'
Load failure–KETTHKSc

X'40800129'
Insufficient CSA–KETTHKSc

X'4080012A'
User already installed

X'4080012B'
Insufficient CSA–PSQA

X'4080012C'
Dequeue failure

X'4080012D'
Control block detection detected

X'4080012E'
Abend occurred during request

X'4080012F'
Collector abended

X'40800130'
Unsupported environment

X'40800131'
Recovery not established

X'40800132'
Lock obtain timeout

X'40800133'
VIT PIU trace is inactive

X'4080013F'
ETE is not active on system

INSTALL request errors

These sense codes are returned by message ETE0090 with a return code of 16 or 20.

X'80000000'
Insufficient private (NCWA)

X'80000001'
Enqueue failure

X'80000002'
Subsystem activation failure

X'80000003'
Insufficient CSA–SSWA

X'80000004'
Insufficient CSA–CLWA

X'80000005'
Insufficient CSA–SAHT

X'80000006'
Load failure–KETTCOL

X'80000007'
Insufficient CSA–KETTCOL

X'80000008'
Load failure–KETHKSc

X'80000009'
Insufficient CSA–KETHKSc

X'8000000A'
User already installed

X'8000000B'
Insufficient CSA–PSQA

X'8000000C'
Dequeue failure

X'8000000D'
Control block corruption detected

X'8000000E'
Abend occurred during request

X'800000F'
Collector abended

X'80000010'
Unsupported environment

X'80000011'
Recovery not established

X'80000012'
Lock obtain timeout

X'80000013'
Insufficient CSA-PSQT

X'80000014'
VIT PIU trace is inactive

X'80000015'
CSA load failed

X'80000016'
No longer in use

X'80000017'
No longer in use

X'80000018'
No longer in use

X'80000019'
No longer in use

X'8000001A'
Load failure-RTAPI

X'8000001B'
Insufficient CSA-SSUVT

X'8000001C'
Insufficient CSA-RTAPI

X'8000001E'
ETE is not active

X'8000001F'
TSC hook environment failure

X'80000020'
Cross-memory environment setup failed

X'80000021'
Unable to obtain SSTB parameter list storage

X'80xx0022'
SSTB install problem (xx indicates the type of problem):

- 08** Caller is not APF-authorized
- 0C** Unable to obtain subpool 241 storage
- 10** Unable to obtain subpool 228 storage
- 14** Unable to obtain private work storage
- 18** Caller is an unknown participant

- 1C**
SSTB router module not found
- 20**
SSTB router module load failed
- 24**
SSTB installation failed, possible loop
- 28**
SSTB installation failed, VTAM inactive
- 2C**
SSTB installation failed, unsupported environment

X'80xx0023'

SSTB activation problem (xx indicates the type of problem):

- 08**
Caller is not APF-authorized
- 0C**
Component routine address is invalid
- 10**
SSTB VTAM interface router was not installed
- 14**
Unable to obtain private work storage
- 18**
Caller is an unknown participant
- 24**
Component installation failed, possible loop
- 28**
Component installation failed, no slot

X'80xx0024'

SSTB withdraw problem (xx indicates the type of problem):

- 08**
Caller is not APF-authorized
- 0C**
Component routine address is invalid
- 10**
SSTB VTAM interface router was not installed
- 14**
Unable to obtain private work storage
- 18**
Caller is an unknown participant
- 24**
Component installation failed, possible loop
- 28**
Component installation failed, no slot

X'80000025'

No longer in use

X'80000026'

Load failure for KETCAPIc

X'80000027'

GETM failure for KETCAPIc in SQA

X'80000028'

Load failure for KETCAPRN

X'80000029'

GETM failure for KETCAPRN in SQA

X'8000002A'

Load failure for KETCAPIc

X'8000002B'

GETM failure for KETCAPIc in SQA

X'8000002C'

Failed to establish environment at VIT

X'8000002D'

Insufficient CSATSHT

X'8000002E'

Load failure for KETTTRCN

X'8000002F'

GETM failure for KETTTRCN in SQA

ETE Capture Facility DELETE sense codes**X'80400200'**

Insufficient private storage

X'80400201'

Unsupported environment

X'80400202'

Recovery not established

X'80400203'

Collector abended

X'80400204'

VIT PIU trace is inactive

X'80400205'

Abend occurred during request

X'80400206'

ETE is not running

X'80400207'

CUWB lock obtain failure

X'80400208'

Unable to locate CRCA

X'80400209'

Subtask terminated

X'8040020A'

Subtask did not terminate

X'8040020B'

RUBF READY Q ENQ failed

X'8040020C'

Control block corruption detected

X'8040020D'

Invalid token

XTAG sense codes

X'80800100'

Insufficient private storage

X'80800101'

Enqueue failure

X'80800102'

User not monitoring this device

X'80800103'

Dequeue failure

X'80800104'

Control block corruption detected

X'80800105'

Abend occurred during request

X'80800106'

Collector abended

X'80800107'

Unsupported environment

X'80800108'

Recovery not established

X'80800109'

Lock obtain timeout

X'8080010A'

VIT PIU trace is inactive

X'8080010B'

SLUL corruption detected during XTAG request

X'8080010C'

SLUL is not active during XTAG request

X'8080010D'

Call to KETTXTSN failed

X'8080010E'

No terminal for XTAG request

X'8080010F'

No partner for XTAG request

z/OS status codes and return codes

This appendix contains explanations for various status codes and return codes used the IBM Tivoli Monitoring z/OS components. These codes are organized by message prefix as follows:

- “KDCNCnnn message status codes” on page 589
- “KSM and KIB return codes” on page 597
- “KFA return codes” on page 599

KDCNCnnn message status codes

The KDSNCnnn message print status codes for calls to basic services APIs. These explanations for these codes are shown in Table 13 on page 589.

<i>Table 13. KDCNCnnn message status codes</i>		
Enumerated value displayed in the log file	Status code	Explanation
Distribution request status codes		
0	typedef enum SQL1_	SQL1_Success
1		SQL1_BadArgument,
2		SQL1_BadObject
3		SQL1_BusyObject
4		SQL1_Duplicate
5		SQL1_NotThere
6		SQL1_ProtocolError
7		SQL1_Shortage
8		SQL1_SystemError
9		SQL1_UnknownError
10		SQL1_Warning
11		SQL1_Authority
50	SQL1_NoStorage = 50	Requested storage not available
51	SQL1_InvalidObject	Invalid handle
52	SQL1_InvalidError	Invalid error ID
53	SQL1_InvalidErrorLen	Invalid error ID length
54	SQL1_InvalidMessage	Invalid message
55	SQL1_InvalidName	Invalid name
56	SQL1_InvalidNameLen	Invalid name length
57	SQL1_InvalidValue	Invalid value
58	SQL1_InvalidValueLen,	Invalid value length

Table 13. KCDNCnnn message status codes (continued)

Enumerated value displayed in the log file	Status code	Explanation
59	SQL1_ValueTruncated,	Value truncated
60	SQL1_NotAvailable	Requested parameter not available
61	SQL1_EndOfList	No more elements are in the list
62	SQL1_EndOfData	No JVAL is avail. to the LOCATOR
63	SQL1_EndOfIndex	No more index filter
64	SQL1_Error	Error
65	SQL1_BadRequest	Bad request detected by probe
66	SQL1_AbandonSubview	Abandon subview
67	SQL1_AbandonRow	Abandon row
68	SQL1_RestartSubview	Restart subview
69	SQL1_RestartRow	Restart row
70	SQL1_MonitorError	Error in monitored system
71	SQL1_AbandonView	Abandon view
72	SQL1_Abend	ABEND
73	SQL1_NullRow	Row with NULLs
74	SQL1_NoView	No view created
75	SQL1_EventError	EVENT error
76	SQL1_DeferSetup	Defer SetupSample until notified
77	SQL1_DeferProcess	Defer ProcessSample
78	SQL1_DeferOpen	Defer Open (TakeSample)
79	SQL1_RecordsNotFound	Record(s) Not Found
80	SQL1_DuplicateKey	Duplicate Key Found
81	SQL1_IOError	Input/Output Error
82	SQL1_FileFull	File Full Error
Data Server interface-related status codes		
100	SQL1_Security	Security check failed
101	SQL1_Inop	CT/DS inoperative
102	SQL1_InvalidIntfc	Invalid interface handle
103	SQL1_CTDSIDNotFound	CT/DS ID not found
104	SQL1_InvalidCTDSID	Invalid character(s) in CT/DS ID
105	SQL1_InvalidPath	Invalid server handle or server not open
106	SQL1_InvalidAPPLID	Invalid character(s) in Application ID

Table 13. KCDNCnnn message status codes (continued)

Enumerated value displayed in the log file	Status code	Explanation
107	SQL1_Incompatible	Requestor is at incompatible release level
108	SQL1_InvalidSocket	Invalid socket address specified
110	SQL1_PathMissingProcess	WJS: 931009: Error in path specification
111	SQL1_PathInvalidProcess	WJS: 931009: Error in path specification
112	SQL1_PathMissingKeyword	WJS: 931009: Error in path specification
113	SQL1_PathInvalidKeyword	WJS: 931009: Error in path specification
114	SQL1_PathMissingDelimiter	WJS: 931009: Error in path specification
115	SQL1_PathInvalid SocketAddress	WJS: 931009: Error in path specification
116	SQL1_PathInvalidServerID	WJS: 931009: Error in path specification
117	SQL1_PathInvalidUserID	WJS: 931009: Error in path specification
118	SQL1_PathInvalid LocalAppID	WJS: 931009: Error in path specification
119	SQL1_PathInvalid RemoteAppID	WJS: 931009: Error in path specification
120	SQL1_PathInvalidMode	WJS: 931009: Error in path specification
140	SQL1_NetworkInterfaceError	WJS: 931009: NCS-related CT/DS abnormal codes
141	SQL1_NetworkError	WJS: 931009: NCS-related CT/DS abnormal codes
142	SQL1_NetworkClientTimeout	WJS: 931009: NCS-related CT/DS abnormal codes
143	SQL1_RemoteServerFailure	WJS: 931009: NCS-related CT/DS abnormal codes
144	SQL1_NotLBRegistered	WJS: 931009: NCS-related CT/DS abnormal codes
145	SQL1_LocationBrokerError	WJS: 931009: NCS-related CT/DS abnormal codes
146	SQL1_ConfigFileNoFamily	WJS: 940325: NCS-related CT/DS abnormal codes
147	SQL1_NCSFailure = 150	NCS-generated stub code abend
148	SQL1_BusyAddress	NCS socket address already in use
149	SQL1_BadPacket	NCS client or server got bad packet
150	SQL1_BindFailure	NCS cannot bind socket to socket addr
151	SQL1_SocketCreateFailed	NCS cannot create a socket
152	SQL1_NoResponse	NCS-defined server does not respond
153	SQL1_NCSIIRegister	NCS interface already registered
154	SQL1_InternalNCSFailure	NCS internal program error
155	SQL1_NoSuchRPCall	NCS RPC call not defined in interface
156	SQL1_NCSProtocolError	NCS internal protocol error
157	SQL1_MaximumInterfaces	NCS at registered-interface limit
158	SQL1_MaximumSocekets	NCS server at in-use-socket limit

Table 13. KCDNCnnn message status codes (continued)

Enumerated value displayed in the log file	Status code	Explanation
159	SQL1_BadRPCHandle,	NCS RPC handle not bound to socket
160	SQL1_BadRPCInterface	NCS interface is not defined
161	SQL1_ServerRestarted	NCS server restarted during session
162	SQL1_ServerCrashed	NCS server crashed during client RPC
163	SQL1_NCSInterfaceError	NCS/CTDS interface internal error
164	SQL1_UndefinedNCSError	NCS undocumented return code
165	SQL1_LBNoDBAccess	NCS location broker can't access the database
166	SQL1_LBBusyDB	NCS location broker locked out of the database
167	SQL1_LBInvalidDBFormat	NCS location broker database obsolete format
168	SQL1_LBNotResgistered	No matching entry in location broker database
169	SQL1_LBNoServer	NCS location broker cannot be accessed
170	SQL1_LBUpdateFailure	NCS location broker database update failure
171	SQL1_NoRemoteShutdown	NCS remote server shutdown not allowed
172	SQL1_InvalidNumericName	NCS socket invalid numeric host name
173	SQL1_BufferTooBig	NCS caller's buffer is too large
174	SQL1_BufferTooSmall	NCS caller's buffer is too small
175	SQL1_SocketCreateFailure	NCS cannot create a socket
176	SQL1_SocketConvertFailure	NCS cant convert socket addr to name
177	SQL1_SocketNameNotThere	NCS socket name lookup failed
178	SQL1_NoInterfaceConfig	NCS cant get hst interface config list
179	SQL1_NoLocalHostname	NCS cant get the name of local host
180	SQL1_SocketFamilyInvalid	NCS socket family invalid on local hst
181	SQL1_SocketInternalError	NCS socket code internal error
182	SQL1_InvalidSocketName	NCS socket invalid name format
183	SQL1_CleanupOrderError	NCS PFM cleanup handler release out-of-sequence
184	SQL1_NoCleanupHandler	NCS PFM no cleanup handler is pending
185	SQL1_CleanupSet,	NCS PFM cleanup handler established
186	SQL1_CleanupSignaled	NCS PFM pfm_\$cleanup_set used as signal
187	SQL1_InvalidCleanupRecord	NCS PFM caller's cleanup record invalid
188	SQL1_NoCleanupSpace	NCS PFM no storage for cleanup handler
Compiler Services related status codes		
200	SQL1_CompileFailure	CTDS compilation failure

Table 13. KCDNCnnn message status codes (continued)

Enumerated value displayed in the log file	Status code	Explanation
201	SQL1_BadInput	VPM parser encountered bad input
202	SQL1_CatalogError	VPM catalog lookup error
203	SQL1_InputError	VPM parser error
204	SQL1_OutputError	VPM access plan generation error
205	SQL1_FilterError	VPM filter optimization error
206	SQL1_CreateError	VPM object creation error
207	SQL1_NotFound	VPM object not found
208	SQL1_TableError	VPM table object generation error
209	SQL1_ViewError	VPM view/table processing error
210	SQL1_JoinError	VPM join processing error
211	SQL1_DomainError	VPM domain processing error
212	SQL1_IndexError	VPM index processing error
213	SQL1_FunctionError	VPM function processing error
214	SQL1_ColumnError	VPM column processing error
215	SQL1_ParmError	VPM parmD processing error
216	SQL1_InvalidValueSize	Literal value too MAC1_i32_t or too large
217	SQL1_InternalDistReq	Optimize distribution request as an internal request
218	SQL1_InvalidGroupByClause	At least 1 col function required
219	SQL1_RecordModeIncompat	Record mode incompatibility
220	SQL1_FilterElemIDError	Internal Compiler error resolving ID
Request Service-related status codes		
300	SQL1_InvalidReqHdl	Invalid request handle or request not defined to the Virtual Data Manager
301	SQL1_InUse	Object is already in use
302	SQL1_SampleIncomplete	One or more Views have not completed sampling - for asynch. open only
303	SQL1_InvalidNotifyMethod	Notify method specified is invalid
304	SQL1_InvalidAttribute	Invalid Attribute Type specified.
305	SQL1_InvalidInterval	Invalid Request Interval specified
306	SQL1_InvalidBoundary	Invalid Request Boundary specified
307	SQL1_InvalidSuppress	Invalid Request Suppress Notify attr
308	SQL1_InvalidAttrCount	Invalid Attribute Count specified
309	SQL1_InvalidAttrValue	Invalid Attribute Value *b kk981119

Table 13. KCDNCnnn message status codes (continued)

Enumerated value displayed in the log file	Status code	Explanation
310	SQL1_InvalidEventAttr	Invalid Request Event attribute
311	SQL1_InvalidCodePage	Invalid Code Page attribute
312	SQL1_InvalidLanguageId	Invalid Language Id. attr. *e kk981119*
SQL Parcer-related status codes		
350	SQL1_InvalidSQLSyntax	Invalid SQL statement or token
351	SQL1_InvalidSymbolLength	SQL Symbol exceeds maximum length
352	SQL1_InternalParserError	Internal Parser Error
353	SQL1_InvalidHexData	Hex Data Invalid or Too Long
Event Services-related status codes		
400	SQL1_InvalidTrigger	Invalid trigger list or trigger list address
401	SQL1_EventServiceError	Internal Error
402	SQL1_EventThreshold	Event threshold occurred b kk981119
403	SQL1_EventSlowdown	Timer re-open next sample
404	SQL1_EventSlowdownClose	Close and Timer re-open next sample
405	SQL1_EventSuppress	Suppress and Timer open next sample e kk981119
VRS-related status codes		
500	SQL1_NoBuffer	
501	SQL1_AlreadyStarted	Row already started
502	SQL1_AlreadyAccepted	Row already accepted
503	SQL1_AlreadyAbandoned	Row already abandoned
504	SQL1_InvalidSubview	Invalid Subview
505	SQL1_InvalidColimnAtt	Invalid Column attribute
506	SQL1_CompileFailed	Compile View failed
507	SQL1_DuplicateSortSeq	Sort sequence number already defined
508	SQL1_AlreadyConfigured	Column already configured for sort
509	SQL1_DuplicateOutput	Output column already defined
510	SQL1_LastBuffer	Last data buffer
511	SQL1_NoSampleAvailable	No Sample Available
512	SQL1_InvalidParm	Invalid input parm
513	SQL1_InternalVRSFailure	Internal error in VRS
514	SQL1_EOD	End of data: the sample has no rows or there are no more rows to be retrieved from this sample
515	SQL1_MaxRowSizeExceeded	Row exceeds rowset buffer size

Table 13. KCDNCnnn message status codes (continued)

Enumerated value displayed in the log file	Status code	Explanation
516	SQL1_EmptyRowsetBuffer	Requester's rowset buffer has no rows
517	SQL1_LimitExceeded	Row limit exceeded TCK980722
VWV-related status codes		
600	SQL1_InvalidView	Invalid view or view address
601	SQL1_NoSharedView	Invalid view or view address
602	SQL1_SharedViewFound	Invalid view or view address
603	SQL1_CreateFailed	Invalid view or view address
604	SQL1_InvalidViewName	Invalid view or view address
605	SQL1_SampleInProgress	Invalid view or view address
606	SQL1_SharedBufferFound	Invalid view or view address
607	SQL1_SetupViewFailed	Invalid view or view address
608	SQL1_SetupRequestFailed	Invalid view or view address
609	SQL1_CreateThreadFailed	Invalid view or view address
610	SQL1_InternalVWVFailure	Invalid view or view address
Status codes issued by SIT1		
800	SQL1_OpenError	
801	SQL1_WaitError	
802	SQL1_PostError	
803	SQL1_CreateThreadError	
804	SQL1_DestroyThreadError	
805	SQL1_ResourceError	
806	SQL1_AdvisorError	
807	SQL1_RuleProcessError	
Status codes issued by RUL1		
850	SQL1_AllocateError	
851	SQL1_RequestError	
852	SQL1_AccessPlanError	
853	SQL1_InvalidRuleNode	
854	SQL1_InvalidOperator	
855	SQL1_InvalidPredicate	
856	SQL1_SQL_Error	
857	SQL1_LoadError	

Table 13. KCDNCnnn message status codes (continued)

Enumerated value displayed in the log file	Status code	Explanation
858	SQL1_BadFunctionName	
859	SQL1_BadPredicateName	
860	SQL1_SQLOpenError	
861	SQL1_ReadError	
862	SQL1_DeltaError	
863	SQL1_PathError	
Status codes issued by an Candle Technologies Data Server component		
1000	SQL1_NoMemory	Insufficient storage to satisfy request
1001	SQL1_InvalidHandle	Invalid handle
1002	SQL1_SystemFailure	A CT/DS system failure occurred.
1003	SQL1_Unknown	Unknown error.
1004	SQL1_NotSupported	Request not supported in designated environment
1005	SQL1_InvalidUserID	Invalid Logon User ID
1006	SQL1_InvalidPassword,	Invalid Logon Password
1007	SQL1_LogonInfoError	Error attempting to obtain logon information
1008	SQL1_RequestDestroyed	Request destroyed
1009	SQL1_OpenCancelled	Async. open cancelled
1010	SQL1_PasswordExpired	User password expired tck0314
1011	SQL1_PasswordRevoked	User password revoked tck0314
1012	SQL1_InternalError	Internal component error
1013	SQL1_NoEvent	
1014	SQL1_LicenseWarn,	1014 License Management warning. V114
1015	SQL1_NoLicense	1015 No License available. V114
1016	SQL1_CreateReqFailed	Create Request failed - ExecuteTrans.
1017	SQL1_TakeSampleFailed	Take Sample failed - ExecuteTrans
1018	SQL1_AccessRowsetsFailed	AccessRowsets .failed - ExecuteTrans
1019	SQL1_ReleaseRowsetsFailed	ReleaseRowsets.failed - ExecuteTrans
1020	SQL1_DestroyRequestFailed	Destroy Req.failed - ExecuteTrans.
1021	SQL1_LogonFailed	generic logon failed TCK970120
1022	SQL1-NLS1Error	NLS1 component error kk981119

KSM and KIB return codes

The KSM and KIB messages print status codes for the situation monitor and information base components. The explanations for these codes are shown in [Table 14 on page 597](#)

Table 14. KSM and KIB message status codes

Enumerated value displayed in the log file	Identifier	Explanation
0	ERR_NOERROR	No Error
1101	ERR_SQL1INIT	SQL1 Init Error
1102	ERR_SQL1OPEN	SQL1 Open Error
1103	ERR_PREPARE	SQL1 Prepare Error
1104	ERR_FETCH	SQL1 Fetch Error
1105	ERR_CLOSE	SQL1 Close Error
1106	ERR_PREPAREDROP	SQL1 Drop Error
1107	ERR_REGTABLE	ibTableList create failure
1108	ERR_TOBJECT	ibTable create failure
1109	ERR_SQL1OBJ	WsSql400 create failure
1110	ERR_SQL1STMT	Sql statement create failure
1111	ERR_IBREQUEST	IBRequest create failure
1112	ERR_NOTABLEFOUND	No tObjectList defined
1113	ERR_REQUESTER	Sql statement create failure
1114	ERR_REQUESTDROP	Sql prepare error
1115	ERR_SQL1CLOSE	Sql close error
1116	ERR_RWITERATOR	RW Iterator create failure
1117	ERR_RWKEYCREATE	RW key create failure
1118	ERR_RWDICTCREATE	RW Dictionary create failure
1119	ERR_NODATAFOUND	No data returned.
1120	ERR_TYPEERR	No column found in index
1121	ERR_DELETEERR	Delete error
1122	ERR_TABLENAMETAG	Allocate table name tag failure
1123	ERR_IDTAG	Allocate id tag failure
1124	ERR_SORTDATAROW	Allocate sort data failure
1125	ERR_LISTCREATE	Create list error
1126	ERR_XTABLETOOBJ	Table-object xref create error
1127	ERR_BADSLISTARG	Null sList provided
1128	ERR_SLISTITERR	Iterator create erro
1129	ERR_XATTRERROR	Attribute table error

Table 14. KSM and KIB message status codes (continued)

Enumerated value displayed in the log file	Identifier	Explanation
1130	ERR_ITEMPTY	No sList in sList #define
1131	ERR_LODGEERROR	Bad lodge request #define
1132	ERR_NOTABLEARG	No ITable argument provided
1133	ERR_NOATTRIBUTE	No attribute found
1134	ERR_NOCONFIG	No configuration file found
1135	ERR_DATAROW	Data row create failure
1136	ERR_NODATA	No data back from fetching
1137	ERR_THRESHERROR	Setting up toThreshold table
1138	ERR_NOKEYFOUND	No data from key
1139	ERR_NEWKEYALLOCATE	New key allocation failure
1140	ERR_NOTABLEDEF	No table definition found
1141	ERR_NOKEYNAME	No key object name found
1142	ERR_USERID	No user id
1143	ERR_USERPASSWORD	No password id
1144	ERR_DUPLICATEINSERT	Duplicate record exists
1145	ERR_INVALIDSITNAME	invalid *stiname supplied
1146	ERR_PORTID	No port id
1147	ERR_SLINKEDCREATE	Slist create error
1148	ERR_NULLSLIST	Null sList discovered
1149	ERR_NULLDEF	Null tableDef discovered
1150	ERR_CACHEONLY	Getting an absent cache only
1151	ERR_NONDXFOUND	illegal key index
1152	ERR_BADSQLVAR	Null SQL var
1153	ERR_BADSQLDATA	Null SQL data in var
1154	ERR_NULLTOBJECT	empty Tobject found
1155	ERR_NEWCHARALLOCATE	New char allocation failure
1156	ERR_INVALIDUPDATE	Overwrite of missing record
1157	ERR_CREATEREQUEST	Create request failed
1158	ERR_CREATEREQUEST2	Create request no two
1159	ERR_INPUTSQLDA	get input SQLDA failed
1160	ERR_OUTPUTSQLDA	get output SQLDA failed
1161	ERR_NEWREPLYSTORE	new replystore failure
1162	ERR_NULLINFO	null requestorinfo

Table 14. KSM and KIB message status codes (continued)

Enumerated value displayed in the log file	Identifier	Explanation
1163	ERR_NONOTIFICATION	Bad notification
1164	ERR_ROWDICTIONARY	Error making rowDic
1165	ERR_XREFDATAFOUND	X Reference data is found
1166	ERR_EMPTYKEYS	No keys in dictionary
1167	ERR_ENTERPRISESCOPE	Scope of data error
1168	ERR_LODGERECURSION	more then 10 situations
1169	ERR_MISSINGOBJECTID	Missing object id
1170	ERR_UNKNOWNSQLTYPE	Unknown SQL type
1171	ERR_UNSUPPORTEDSQLTYPE	Unsupported SQL type
1172	ERR_BADKEYDEF	ATOMIC/SUPER key problem
1173	ERR_BADPREDICATE	bad STR predicate @00
1174	ERR_CURRENTEVENT	situation with event-attr @01
1175	ERR_NOCANCEL	Cancel no matches
1176	ERR_TERMINATEREQUEST //	Terminate request issued
1177	ERR_SQLTOKEN	
1178	ERR_SITUATIONOVERFLOW	Situation overflow
1179	ERR_SYNCMATCH	Put parms mismatch
1180	ERR_CHARCREATE	char create error
1200	ERR_UNEXPECTEDAND	Unexpected *AND
1201	ERR_UNEXPECTEDOR	Unexpected *OR
1202	ERR_RULESYNTAX	Generic rule syntax error
1203	ERR_MISMATCHEDPAREN	Parenthesis do not match
1204	ERR_BADCOMPARISONOP	Bad comparison operator
1205	ERR_TOOMANYSUBRULES	# of subrules exceeds limit
1206	ERR_WAYTOOMANYRULES	# of embedded sit exceeds limit
1207	ERR_NETRULE	Bad network rule syntax
1208	ERR_INVALID4REFLEX	Rule too complex for reflex
5000	RELODGE_STATE	Relodge state pseudo error.
1	FORCE_CANCEL_STATE	Force reply store to cancel

KFA return codes

The KFAyynn messages print status codes the framework agent component. The explanations for these codes are shown in [Table 15 on page 600](#)

Table 15. KFAyynn message status codes

Enumerated value displayed in the log file	Explanation
1500	KO4PRB1_ACCESSLISTOPENERROR
1501	KO4PRB1_ACCESSLISTBROWSEERROR
1502	KO4PRB1_ACCESSLISTREADERROR
1503	KO4PRB1_ACCLISTENTRYNOTFOUND
1504	KO4PRB1_ACCLISTENTRYDELETESTATUS
1505	KO4PRB1_ACCLISTINDEXWRITEERROR
1506	KO4PRB1_ACCLISTINDEXREADERROR
1507	KO4PRB1_ACCLISTINDEXDELETEERROR
1508	KO4PRB1_COPYOBJALLOCERROR
1509	KO4PRB1_COPYOBJCPYFERROR
1510	KO4PRB1_COPYOBJDUPLICATE
1511	KO4PRB1_COPYOBJINPUTOPENERROR
1512	KO4PRB1_COPYOBJOUTPUTOPENERROR
1513	KO4PRB1_COPYOBJREADERROR
1514	KO4PRB1_COPYOBJWRITEERROR
1515	KO4PRB1_ENTRYEXISTS
1516	KO4PRB1_IBLOGOPENERROR
1517	KO4PRB1_INDEXDELETEERROR
1518	KO4PRB1_INDEXNOTFOUND
1519	KO4PRB1_INDEXREADERROR
1520	KO4PRB1_INDEXWRITEERROR
1521	KO4PRB1_LOGFILEDELETEERROR
1522	KO4PRB1_LOGFILEREADERROR
1523	KO4PRB1_LOGFILEWRITEERROR
1524	KO4PRB1_LOGROPENERROR
1525	KO4PRB1_NOIBFILENAME
1526	KO4PRB1_NODECHANGE
1527	KO4PRB1_NODELISTBROWSEERROR
1528	KO4PRB1_NODELISTDELETEERROR
1529	KO4PRB1_NODELISTLOOP
1530	KO4PRB1_NODELISTOPENERROR
1531	KO4PRB1_NODELISTREADERROR
1532	KO4PRB1_NODENAMENOTFOUND

Table 15. KFAyynn message status codes (continued)

Enumerated value displayed in the log file	Explanation
1533	KO4PRB1_NOLIBRARYPARMA
1534	KO4PRB1_PARMAERROR
1535	KO4PRB1_STATUSENTRYNOTFOUND
1536	KO4PRB1_INDEXCREATEERROR
1537	KO4PRB1_NODELISTUPDATEERROR
1538	KO4PRB1_NODEFERREDONLINES
1539	KO4PRB1_ONLINE_NODE_DELETE
1540	KO4PRB1_NONLEAF_NODE_DELETE
1541	KO4PRB1_NO_THRUNODE_STATUS
1542	KO4PRB1_NODE_TIMED_OUT
1543	KO4PRB1_NO_PLEX_XCF_AREA
1544	KO4PRB1_LOGFILEFULL
1545	KO4PRB1_LOGFILEUPDATEERROR
1546	KO4PRB1_DUPLICATENODENAME
1547	KO4PRB1_NLSTRANSLATEERROR
1548	KO4PRB1_STALE_NODE_STATUS

KMS return codes

The KMS messages print status codes related to historical data collection. These explanations for these codes are shown in [Table 16 on page 601](#)

Table 16. KFAyynn message status codes

Enumerated value displayed in the log file	Explanation
3000	KMS_HistoryNotCollected
3001	KMS_History_File_IOError
3002	KMS_History_Internal_Error
3003	KMS_History_RemoteProbeNotSupported History view probe not supported
3004	KMS_PX_RemoteProbeNotSupported Requested probe-table not supported

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