



## APPENDIX **B**

# Cisco Service Control Engine System Log Messages

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The Cisco Service Control Engine (SCE) 8000 generates system, error, and other informational messages to inform Cisco SCE 8000 users of significant events. This appendix describes the system log messages generated by the Cisco SCE 8000 GBE platform.

The system messages in the Cisco SCE 8000 platform have the following structure:

`%FACILITY-SEVERITY-MNEMONIC: Description`

The following list describes the various components of the message structure:

- **FACILITY** indicates the platform that is generating the message. The **FACILITY** value in the Cisco SCE 8000 platform indicates **LOCAL7**, which represents the default facility type of the Cisco SCE 8000 platform.
- **SEVERITY** is a numeral that reflects the severity of the corresponding error condition. The messages have a severity level ranging from 0 to 6, with 0 indicating the highest severity level and 6 the lowest.
- **MNEMONIC** uniquely identifies the message. All mnemonics are uppercase character strings.
- **Description** describes the corresponding error condition and contains variable fields that change from message to message. The variable fields can represent IP addresses, character strings, filename, and so on.

This document lists the following system message categories by severity level. Each message is followed by an explanation and a recommended action.

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- Emergency Messages, Severity Level 0
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## Fatal Messages, Severity Level 2

**Fatal Message** %LOCAL7-2-SE\_USER\_FATAL "SE <%s> Module: A Fatal Error occurred. Please report to Cisco's customer support"

**Explanation** This message is generated to inform that a fatal error has occurred.

**Recommended Action** Report this to Cisco Customer Support.

**Fatal Message** %LOCAL7-2-LOGGER\_USER\_FATAL\_MSG "<%s>"

**Explanation** This message is generated while you add your own fatal messages to the user log file using the **logger add-user-message** command in the CLI.

**Recommended Action** None.

**Fatal Message** %LOCAL7-2-DP\_CLS\_SEQ\_ERR "HW internal error"

**Explanation** This is an internal hardware error. This fatal hardware interrupt is generated when there is a mismatch in the sequence of messages to the classifier.

**Recommended Action** None.

**Fatal Message** %LOCAL7-2-CLS\_FF\_SEQ\_ERR "HW internal error"

**Explanation** This is an internal hardware error. This fatal hardware interrupt is generated when there is a mismatch in the sequence of messages to the flow filter.

**Recommended Action** None.

**Fatal Message** %LOCAL7-2-DP\_IN\_SEQ\_ERR "HW internal error"

**Explanation** This is an internal hardware error. This fatal hardware interrupt is generated when there is a mismatch in the sequence of the dispatcher input messages.

**Recommended Action** None.

**Fatal Message** %LOCAL7-2-DP\_OUT\_SEQ\_ERR "HW internal error"

**Explanation** This is an internal hardware error. This fatal hardware interrupt is generated when there is a mismatch in the sequence of the dispatcher output messages.

**Recommended Action** None.

**Fatal Message** %LOCAL7-2-LIC\_CRASH\_FATAL "HW internal error: LIC Interrupt - bypass wd not working in crash mode."

**Explanation** This is an internal hardware error that occurs when bypass does not work in the crash mode, and a linecard interrupt occurs.

**Recommended Action** None.

**Fatal Message** %LOCAL7-2-GENERIC\_FATAL "A problem occurred in the <%s> ,Please report to Cisco's customer support."

**Explanation** This message is displayed in a user's log when a generic fatal error occurs.

**Recommended Action** None.

**Fatal Message** %LOCAL7-2-MSG\_HANDLER\_READING\_FROM\_Q\_FAILED "SW internal error: failed reading from message queue"

**Explanation** This fatal message is displayed when the remote procedure call (RPC) message handler fails to receive a message from the corresponding queue.

**Recommended Action** None.

**Fatal Message** %LOCAL7-2-READING\_FROM\_Q\_FAILED " SW internal error - Failed to read from receive queue number %d, from ppc: %d, to ppc: %d, queue: %d."

**Explanation** This fatal message is displayed when failure to read a message from a queue number with a traffic processor and queue details occurs.

**Recommended Action** None.

**Fatal Message** %LOCAL7-2-TOO\_MANY\_MSGS\_FROM\_SINGLE\_QUEUE "SW internal error - Received %d consecutive messages from queue number %d, from ppc: %d, to ppc: %d, queue: %d."

**Explanation** This fatal message is displayed when more than 400 messages exist in a single queue.

**Recommended Action** None.

**Fatal Message** %LOCAL7-2-READING\_FROM\_Q\_FAILED "A SW error occurred. Please report to P-Cube's Customer Support"

**Explanation** This message is displayed when the line card handler fails to read a message from the corresponding queue.

**Recommended Action** None.

**Fatal Message** SIMBA\_USR\_HW\_MONITOR\_FATAL "<%s>: <%s> hardware monitor status is FATAL"

**Explanation** This message is displayed when a fatal error occurs in any of the corresponding hardware modules.

**Recommended Action** None.

## Error Messages, Severity Level 3

### Common Error Messages

**Common Error Message** %LOCAL7-3-SE\_USER\_ERROR "SE %s Module: An Error occurred. Please report to Cisco's customer support"

**Explanation** This error message is generated when one of the following scenarios occur:

- The hardware monitor sanity check fails.
- When there is an error in a partition, the ControlCard watchdog timeout handler, and so on.

**Recommended Action** Generate the support file and contact Cisco Customer Support.

**Common Error Message** %LOCAL7-3-"NOT\_ENOUGH\_MEMORY "Partition init - not enough memory. Required = %lu + %lu for sys heap, Available = %lu\n Memory will be adjusted"

**Explanation** This message is displayed when there is insufficient memory for allocating a new parent block from the VxWorks heap.

**Recommended Action** None.

**Common Error Message** %LOCAL7-3-FAILED\_TO\_ALLOCATE\_MEMORY "Part init - failed to allocate the parent block. size = %lu"

**Explanation** This message is displayed when there is a failure to allocate memory for the parent block, and the log displays the parent block size.

**Recommended Action** None.

## Control Card Error Messages

**Control Card Error Message** %LOCAL7-3-RESTART\_FAILED\_SHUT\_DOWN "Management agent restart procedure failed"

**Explanation** This message is displayed to indicate that the management agent is going to restart, and the status of the management agent is not down.

**Recommended Action** None.

**Control Card Error Message** %LOCAL7-3-RESTART\_FAILED\_START\_UP "Management agent restart procedure failed"

**Explanation** This message is displayed to indicate that the management agent is down, and hence the service mode configuration is set to true for restarting the management agent.

**Recommended Action** None.

**Control Card Error Message** %LOCAL7-3-SIMBA\_USR\_HW\_MONITOR\_ERROR "<%s>"

**Explanation** This message is displayed to indicate that a hardware error occurred and may cause unusual behavior of the device.

**Recommended Action** Generate the support file and contact Cisco Customer Support.

**Control Card Error Message** %LOCAL7-3-GEN\_CONFIG\_FILES\_BAD "General configuration file executed with %lu errors. Please view the file '<%s>' for details."

**Explanation** This message is displayed when an error occurs when startup configuration is applied. However, if one of the CLIs fails during the configuration, that CLI will not be effective.

**Recommended Action** Generate the support file and contact Cisco Customer Support.

**Control Card Error Message** %LOCAL7-3-APP\_CONFIG\_FILES\_BAD "Application configuration files executed with %lu errors."

**Explanation** This message is displayed when an error occurs when application configuration is applied. If one of the CLIs fails during the configuration, that CLI will not be effective.

**Recommended Action** Generate the support file and contact Cisco Customer Support.

**Control Card Error Message** %LOCAL7-3-LOGGER\_USER\_ERR\_MSG "<%s>"

**Explanation** This message is generated when you add your own error messages to the user log file using the **logger add-user-message** command.

**Recommended Action** None.

**Control Card Error Message** %LOCAL7-3-MESSAGE\_QUEUE\_FAILURE "This is a five string dbg message 1"

**Explanation** This message is generated when Cisco SCE fails to read the logger message from the logger queue because the queue is corrupted. This message displays the error details of the queue, queue index, and queue information.

**Recommended Action** None.

**Control Card Error Message** %LOCAL7-3-INIT\_FAILED "Subscriber database initialization failed."

**Explanation** This error message is generated when the task of spawning the party DB manager fails.

**Recommended Action** None.

**Error Message** %LOCAL7-3-RUN\_PARTIES\_FAILD\_NAME\_DEFAULT "subscriber database load - failed to change default subscriber name to <%s>."

**Explanation** This message is generated when an error occurs while changing the default name of the subscriber.

**Recommended Action** None.

**Control Card Error Message** %LOCAL7-3-RUN\_PARTIES\_FAILED\_INSERT\_PARTY "subscriber database load - failed to insert subscriber <%s>."

**Explanation** This message is generated when a problem occurs while inserting a new subscriber into the party database.

**Recommended Action** None.

## Line Card Error Messages

**Line Card Error Message** %LOCAL7-3-DP\_SEARCH\_ENGINE\_FAILURE "A HW failure in the tunneling engine has been detected. Please speak with Cisco customer support"

**Explanation** This message is displayed to indicate that a hardware failure occurred in the tunneling engine, and may cause an unusual behavior of the device.

**Recommended Action** None. Contact Cisco Customer Support.

## Informational Messages, Severity Level 6

**Error Message** %LOCAL7-6-INIT\_SUCCEEDED: Part init - Partitions manager initialization succeeded, total application memory size *size*.

**Explanation** This message is displayed when memory is successfully allocated for the partition manager from the memory block, and initialization is successful.

In this message, *size* refers to the size of the memory block being allocated.

**Recommended Action** None.

**Error Message** %LOCAL7-6-STARTED\_INTERPRETATION: Debug log interpretation started. Output file name *name*.

**Explanation** This message is displayed when debug log interpretation (to a readable format) is started, and the output is being saved to a file name.

In this message, *name* is the name of the output file.

**Recommended Action** None.

**Error Message** %LOCAL7-6-INTERPRETATION\_FINISHED: Debug log interpretation terminated. Output file name *name*.

**Explanation** This message is displayed when debug log interpretation (to readable format) is terminated, and the output is being saved to a file.

In this message, *name* is the name of the output file.

**Recommended Action** None.

**Error Message** %LOCAL7-6-STARTED\_STATS\_INTERPRETATION: "Statistics File interpretation started. source file name *file name*

**Explanation** This message is displayed when statistics interpretation is started.

In this message, *file name* is the name of the source file.

**Recommended Action** None.

**Error Message** %LOCAL7-6-STATS\_INTERPRETATION\_FINISHED: "Statistics File interpretation terminated. source file name *file name*

**Explanation** This message is displayed when statistics interpretation (to a readable format) is terminated.

In this message, *file name* is the name of the source file.

**Recommended Action** None.

**Error Message** %LOCAL7-6-ENABLED\_CONF\_CHANGED: "Attack-filter configuration was <%s> for some (or all) attack types."

**Explanation** This message is displayed to indicate the status of the attack filter configuration.

**Recommended Action** None.

**Error Message** %LOCAL7-6-HOST\_NAME\_CHANGED: "System hostname changed to *hostname*."

**Explanation** This message is displayed to indicate that the system hostname is changed to the configured host name.

In this message, *hostname* is the new host name.

**Recommended Action** None.

**Error Message** %LOCAL7-6-FLASH\_TO\_DEFAULT\_CALLED: CPU#000 'Reset to Default' called."

**Explanation** This message is displayed to indicate that the system has started resetting the Cisco SCE configurations to factory default configurations.

**Recommended Action** None.

**Error Message** %LOCAL7-6-FLASH\_TO\_DEFAULT\_FINISHED: "'Reset to Default' finished."

**Explanation** This message is displayed to indicate that the system has completed resetting the Cisco SCE configurations to factory default configurations.

**Recommended Action** None.

**Error Message** %LOCAL7-6-SOFT\_RESET\_AND\_REFRESH\_OK\_USER: "Linecard in slot *slot-number* was soft-reset and refreshed with all data."

**Explanation** This message is displayed to indicate that the linecard in the slot has been soft reset and refreshed with all the data. (The soft reset refreshes the linecard to the state it was in before the reset).

**Recommended Action** None.

**Error Message** %LOCAL7-6-REBOOTCC\_CALLED:"Rebooting the box per user request."

**Explanation** This message is displayed while rebooting the Cisco SCE 8000 platform on a user's request.

**Recommended Action** None.



**Error Message** %LOCAL7-6-SHUTDOWNCC\_CALLED:"Shutting down the box per user request."

**Explanation** This message is displayed when the Cisco SCE 8000 platform is shut down on a user's request.

**Recommended Action** None.

**Error Message** %LOCAL7-6-START\_SHUT\_NO\_SHUT:"Starting Line Card on slot *slot-number* state change to *<s>*"

**Explanation** This message is displayed when the user information for a linecard slot state is changed to shutdown or no-shutdown.

In this message, *number* indicates the slot number, and *state* indicates shutdown or no-shutdown.

**Recommended Action** None.

**Error Message** %LOCAL7-6-LINECARD\_SHUTDOWN\_STATE: "Linecard on slot *slot-number* is *state*."

**Explanation** This message is displayed to indicate the state of a linecard: enabled or disabled.

In this message, *slot-number* indicates the slot number, and *state* indicates the linecard state: enabled or disabled.

**Recommended Action** None.

**Error Message** %LOCAL7-6-SET\_TIME\_ZONE:"Time zone set to *zone num* minutes."

**Explanation** This message is displayed to indicate the time zone set in the system.

In this message, *zone* indicates the time zone, and *num* indicates the minutes.

**Recommended Action** None.

**Error Message** %LOCAL7-6-SET\_CLOCK:"System clock set to *GMT-time*."

**Explanation** This message is displayed to indicate that the system clock is updating the GMT time and the Traffic Processor.

In this message, *GMT-time* indicates the time in GMT format.

**Recommended Action** None.

**Error Message** %LOCAL7-6-SET\_CALENDAR:"Time-of-day clock set to *time*."

**Explanation** This message is displayed to indicate that the time-of-day clock is set to a given time. The command used to set the calendar time is:

*calendar set 09:31:23 26 August 2011*

In this message, *time* indicates the calendar time that is set.

**Recommended Action** None.

**Error Message** %LOCAL7-6-CONFIGURATION\_SAVED:Configuration file *file-name* was saved - files size = *size*.

**Explanation** This message is displayed to indicate that the current configuration file is saved to a file.

In this message, *file-name* indicates the name of the file, and *size* indicates the size of the file.

**Recommended Action** None.

**Error Message** %LOCAL7-6-CONFIGURATION\_FILES\_DELETED:"Configuration files were deleted according to user command."

**Explanation** This message is displayed to indicate that all the configuration files corresponding to the Cisco Service Control Operating System (Cisco SCOS) and management agents have been deleted, and the default configuration added to the files.

**Recommended Action** None.

**Error Message** %LOCAL7-6-COPY\_FILE:"File system operation

**Explanation** This message is displayed to indicate that the **copy** command has been executed in the CLI, and that the current file is being copied to the destination file.

**Recommended Action** None.

**Error Message** %LOCAL7-6-FINISHED\_COPYING: "Finished copying file of size *num* bytes"

**Explanation** This message is displayed to indicate that the task of copying the current file to the destination file is completed.

In this message, *num* indicates the file size in bytes.

**Recommended Action** None.

**Error Message** %LOCAL7-6-REMOVE\_FILE:"File system operation

**Explanation** This message is displayed to indicate the deletion of a file or a directory using the **delete** command in the CLI.

**Recommended Action** None.

**Error Message** %LOCAL7-6-RENAME\_FILE:File system operation

**Explanation** This message is displayed to indicate the renaming of a source file name to a destination file name using the **rename** command in the CLI.

**Recommended Action** None.

**Error Message** %LOCAL7-6-CREATE\_DIR:"File system operation

**Explanation** This message is displayed to indicate the creation of a directory in Cisco SCE using the **mkdir** command in the CLI.

**Recommended Action** None.

**Error Message** %LOCAL7-6-REMOVE\_DIR:"File system operation

**Explanation** This message is displayed to indicate the deletion of a file or a directory using the **delete** command in the CLI.

**Recommended Action** None.

**Error Message** %LOCAL7-6-REMOVE\_RECURSIVE : "File system operation

**Explanation** This message is displayed to indicate the deletion of a file or a directory using the **delete** command in the CLI, with a recursive option. The recursive option deletes all the subdirectories and files present in the main directory.

**Recommended Action** None.

**Error Message** %LOCAL7-6-REMOVE\_RECURSIVE\_RESULT : "File system operation

**Explanation** This message is displayed to indicate the successful deletion of a file or a directory with a recursive option.

**Recommended Action** None.

**Error Message** %LOCAL7-6-GET\_FTP:"File system operation

**Explanation** This message is displayed to indicate that file transfer to or from Cisco SCE has occurred.

**Recommended Action** None.

**Error Message** %LOCAL7-6-PUT\_FTP:"File system operation

**Explanation** This message is displayed to indicate that data from Cisco SCE is being copied to the system using the **FTP PUT** command.

**Recommended Action** None.

**Error Message** %LOCAL7-6-SET\_ENABLED\_CFG\_USER:"Management agent was <state> by user configuration."

**Explanation** This message is displayed to indicate that the user information management agent in Cisco SCE is enabled or disabled by user configuration.

In this message, *state* indicates whether the management agent is enabled or disabled.

**Recommended Action** None.

**Error Message** %LOCAL7-6-SET\_ENABLED\_TO\_DEFAULT:"Management agent status was set to its default configuration."

**Explanation** This message is displayed to indicate that the user information management agent status was set to its default configuration.

**Recommended Action** None.

**Error Message** %LOCAL7-6-RESTART\_CALLED : "Management agent restart procedure called."

**Explanation** This message is displayed when the management agent restart procedure is called by Cisco SCE.

**Recommended Action** None.

**Error Message** %LOCAL7-6-RESTART\_FINISHED:"Management agent restart procedure finished successfully."

**Explanation** This message is displayed when the management agent JVM restart procedure is successful.

**Recommended Action** None.

**Error Message** %LOCAL7-6-RESTART\_FROM\_JAVA\_CALLED : "Management agent self restart procedure called."

**Explanation** This message is displayed when the management agent is restarted from JVM.

**Recommended Action** None.

**Error Message** %LOCAL7-6-UM\_AGENT\_IS\_UP:"Management agent is up."

**Explanation** This message is displayed when the user management agent is up and running.

**Recommended Action** None.

**Error Message** %LOCAL7-6-UM\_AGENT\_IS\_DOWN:"Management agent is down."

**Explanation** This message is displayed when the user management agent is down.

**Recommended Action** None.

**Error Message** %LOCAL7-6-EXTERNAL\_BYPASS\_ACTIVATED:"Activating external bypass device due to user request"

**Explanation** This message is displayed when a user manually activates the external optical bypass device.

**Recommended Action** None.

**Error Message** %LOCAL7-6-EXTERNAL\_BYPASS\_DEACTIVATED:"Deactivating external bypass device due to user request"

**Explanation** This message is displayed when a user manually deactivates the external optical bypass device.

**Recommended Action** None.

**Error Message** %LOCAL7-6-EXTERNAL\_BYPASS\_ACTIVATED\_LINK\_CUTOFF:"External bypass device activated and detected on link *num*, taking the link down for *num-sec* milliseconds."

**Explanation** This message is displayed when preparing a link for external bypass. The link is restarted before external bypass is activated. Restarting the link involves deactivating the link for a few milliseconds and then reactivating it.

In this message, *num* indicates the link, and *num-sec* indicates the number of milliseconds.

**Recommended Action** None.

**Error Message** %LOCAL7-6-EXTERNAL\_BYPASS\_ACTIVATED\_TEST\_PACKETS\_ON\_HOLD:"During external bypass device activation procedure, test packets are disabled for *num-sec* milliseconds."

**Explanation** This message is displayed when the test packet mechanism is put on hold during the external bypass device activation period. This is done to prevent packets from being dropped.

In this message, *num* indicates the link.

**Recommended Action** None.

**Error Message** %LOCAL7-6-EXTERNAL\_BYPASS\_WIRE\_TEST\_AUTO\_NEG\_TEMP\_OFF:"External bypass test is on. deactivating auto-negotiation for interface <intf-name>."

**Explanation** This message is displayed while performing the external bypass test. Auto negotiation, if supported, is deactivated for the interface.

In this message, *intf-name* is the name of the interface.

**Recommended Action** None.

**Error Message** %LOCAL7-6-EXTERNAL\_BYPASS\_WIRE\_TEST\_AUTO\_NEG\_BACK\_ON:"Ending external bypass test. Restoring the activation status of auto-negotiation for interface <intf-name>"

**Explanation** This message is displayed after the external bypass test is completed, and autonegotiation is reactivated for the corresponding interface.

In this message, *intf-name* is the name of the interface.

**Recommended Action** None.

**Error Message** %LOCAL7-6-EXTERNAL\_BYPASS\_WIRE\_TEST\_EB\_ON:"External bypass test is on. Manually activating the external bypass units."

**Explanation** This message is displayed to indicate that the external bypass test is on, and that the external bypass units are being manually activated.

**Recommended Action** None.

**Error Message** %LOCAL7-6-EXTERNAL\_BYPASS\_WIRE\_TEST\_EB\_BACK:"Ending external bypass test. Restored the external bypass units' activation status"

**Explanation** This message is displayed after the completion of the external bypass test, and during the restoration of the external bypass units' activation status.

**Recommended Action** None.

**Error Message** %LOCAL7-6-SET\_IP:"IP address of slot *slot-num* set to *ip-addr*, subnet mask *subnet-mask*."

**Explanation** This message is displayed while the IP address and subnet mask for the corresponding slot is being set.

In this message, *ip-addr* indicates the IP address of the slot, *subnet-mask* indicates the subnet mask of the slot, and *slot-num* indicates the number of the slot.

**Recommended Action** None.

**Error Message** %LOCAL7-6-PEER\_IP\_CHANGED:"IP address of peer box was changed (was *old-ip-addr*, changed to *new-ip-addr*)."

**Explanation** This message is displayed while the existing IP address of the peer box is being changed. The message appears when the existing IP address and the new IP addresses are not matched in the peer Cisco SCE box.

In this message, *old-ip-addr* indicates either the old IP address or the existing IP address of the peer box, and *new-ip-addr* indicates the new IP address.

**Recommended Action** None.

**Error Message** %LOCAL7-6-PEER\_IP\_SET:"Peer box IP address is *ip-addr*."

**Explanation** This message is displayed when Cisco SCE sets the IP address of the peer box for the first time. It verifies if the previous IP address is set; if not, the IP address is set to a new IP address.

- In this message, *ip-addr* is the new IP address set for the peer box.

**Recommended Action** None.

**Error Message** %LOCAL7-6-SET\_DEFGW:"IP Default gateway set to *def-gw-ip-addr*."

**Explanation** This message is displayed while a new default gateway for a particular slot is being set.

**Recommended Action** None.

**Error Message** %LOCAL7-6-FINISHED\_VERIFY: "Package verification finished"

**Explanation** This debug-related information message is displayed when the verification of a package is completed successfully.

**Recommended Action** None.

**Error Message** %LOCAL7-6-STARTED\_EXTRACT:"Package extraction started on file '*pkg-filename*' "

**Explanation** This debug-related information message is displayed when package extraction begins. Extraction can occur with or without the verification of a package. This message returns the name of the file on which extraction is initiated.

- In this message, *pkg-filename* indicates the name of the package file.

**Recommended Action** None.

**Error Message** %LOCAL7-6-FINISHED\_EXTRACT: "Package extraction finished"

**Explanation** This debug informational message is displayed when the package extraction process is completed (with or without verification). The filename is displayed after the extraction is completed.

**Recommended Action** None.

**Error Message** %LOCAL7-6-STARTED\_COMPARE: "Package compare started on file '*pkg-filename*' "

**Explanation** This debug informational message is displayed when the package comparison process begins. The package that is compared is displayed on the screen.

In this message, *pkg-filename* indicates the name of the package file.

**Recommended Action** None.

**Error Message** %LOCAL7-6-FINISHED\_COMPARE: "Package compare finished"

**Explanation** This debug informational message is displayed when the package comparison process is completed. The comparison process also includes checking the package creation and package verification tasks. When the comparison is successfully completed, the filename is displayed on the screen.

**Recommended Action** None.

**Error Message** %LOCAL7-6-CLEAR\_DB\_DONE\_USER: "Subscribers database was cleared of all data successfully."

**Explanation** This debug informational message is displayed when subscribers' database is cleared of all data successfully. The database is cleared only when the linecard is in either the shutdown mode or the no-application mode.

**Recommended Action** None.

**Error Message** %LOCAL7-6-REMOVE\_ALL\_ANONYMOUS: "Removing all anonymous subscribers."

**Explanation** This debug informational message is displayed when all the anonymous subscribers' information is removed. This message appears when a call for removing all the current anonymous (internal) subscribers is invoked.

**Recommended Action** None.

**Error Message** %LOCAL7-6-REMOVE\_ALL\_INTRODUCED: "Removing all introduced subscribers."

**Explanation** This debug informational message is displayed when all the introduced subscribers are removed.

**Recommended Action** None.

**Error Message** %LOCAL7-6-REMOVE\_ALL\_TUNNELED : "Removing all tunneled subscribers."

**Explanation** This debug informational message is displayed while removing all the tunneled subscribers.

**Recommended Action** None.



**Error Message** %LOCAL7-6-NOTIFY\_ALL\_ANONYMOUS: "Sending notifications for all anonymous subscribers."

**Explanation** This debug informational message is displayed while sending notifications to all the anonymous subscribers. This message is displayed when the notification function for all the anonymous parties is invoked.

**Recommended Action** None.

**Error Message** %LOCAL7-6-PASSWORD\_CHANGED: "A new password was set for level *level*."

**Explanation** This message is displayed when a new password is set for a given privilege level. In this message, *level* indicates the privilege level.

**Recommended Action** None.

**Error Message** %LOCAL7-6-ASSIGNCFG\_START: "Starting application load of application file

**Explanation** This message is displayed when an application is assigned to a line card. This message displays the loaded application name and the line card slot number.

**Recommended Action** None.

**Error Message** %LOCAL7-6-ASSIGNCFG\_OK: "Application assigned to slot *slot-num*.  
Application file

**Explanation** This message is displayed after an application is assigned to a line card slot. The Cisco SCE 8000 platform displays the application assigned to a particular line card slot number, and the application file name.

In this message, *slot-num* indicates the slot number.

**Recommended Action** None.

**Error Message** %LOCAL7-6-UNASSIGNCFG\_START: "Starting application unload to slot *slot-num*."

**Explanation** This message is displayed when Cisco SCE begins unloading an application from a line card slot.

In this message, *slot-num* indicates the slot number.

**Recommended Action** None.

**Error Message** %LOCAL7-6-UNASSIGNCFG\_OK: "Current application on slot *slot-num* was successfully un-assigned."

**Explanation** This message is displayed when an application is successfully unassigned from a line card slot.

In this message, *slot-num* indicates the slot number.

**Recommended Action** None.

**Error Message** %LOCAL7-6-REPLACE\_CFG\_START:"Starting application replace of application file

**Explanation** This message is displayed while replacing the existing application with a new application for the corresponding line card slot.

**Recommended Action** None.

**Error Message** %LOCAL7-6-LOGGER\_INIT\_SUCCESS: "Logger task Initialized successfully"

**Explanation** This message is displayed when logger task initialization is successful.

**Recommended Action** None.

**Error Message** %LOCAL7-6-EXIT\_BY\_REQUEST : "Logger exit request received. Exiting logger ..."

**Explanation** This message is displayed when the logger task exits after receiving an exit request message from an event.

**Recommended Action** None.

**Error Message** %LOCAL7-6-LINE\_ATTACK\_FILES\_CLEAR: "Cleared line-attack log files"

**Explanation** This message is displayed when the line-attack log file is cleared. Line-attack messages are stored in a line-attack log file.

**Recommended Action** None.

**Error Message** %LOCAL7-6-ACTIVE\_CONNECTION\_OPEN: "Formatter active connection opened

**Explanation** This message is displayed to provide the details of the RDR formatter IP address, port number, and the category of the connection that is in active state.

**Recommended Action** None.

**Error Message** %LOCAL7-6-SWITCH\_CONNECTION\_OPEN: "Formatter switched active connection to: address %s, port %d, category %d."

**Explanation** This message is displayed to provide the details of the RDR formatter IP address, port number, and the category of the switched connection that is in active state.

**Recommended Action** None.

**Error Message** %LOCAL7-6-CONNECTION\_CLOSED: "Formatter connection closed"

**Explanation** This message is displayed to provide the details of the RDR formatter IP address along with the port number of the connection that is closed.

**Recommended Action** None.

**Error Message** %LOCAL7-6-CONNECTION\_OPENED: "Formatter connection opened"

**Explanation** This message is displayed to provide details of the RDR formatter IP address along with the port number for which the connection is opened.

**Recommended Action** None.

**Error Message** %LOCAL7-6-LOGGERLINEATTACKLOGFULLTRAP: "<%s>"

**Explanation** This trap is generated when the logger file, LineAttackLog, is full.

**Recommended Action** None.

**Error Message** %LOCAL7-6-LINKMODE\_BYPASS\_TRAP: "<%s>"

**Explanation** This trap is generated when the Cisco SCE link mode is set to bypass state.

**Recommended Action** None.

**Error Message** %LOCAL7-6-LINKMODE\_FORWARDING\_TRAP: "<%s>"

**Explanation** This trap is generated when the Cisco SCE link mode is set to forwarding state.

**Recommended Action** None.

**Error Message** %LOCAL7-6-LINKMODE\_CUTOFF\_TRAP: "<%s>"

**Explanation** This trap is generated when the Cisco SCE link mode is set to cutoff state.

**Recommended Action** None.

**Error Message** %LOCAL7-6-LINKMODE\_SNIFFING\_TRAP: "<%s>"

**Explanation** This trap is generated when the Cisco SCE link mode is set to sniffing state.

**Recommended Action** None.

**Error Message** %LOCAL7-6-REMOVE\_ALL\_INTRODUCED\_MAPPINGS: "Removing all introduced subscribers' mappings."

**Explanation** This message is displayed before all the external subscriber mappings are removed from the database.

**Recommended Action** None.

**Error Message** %LOCAL7-6-SYNC\_START: "Subscribers' database: starting synchronization process."

**Explanation** This message is displayed when synchronization of the party database using external management is started.

**Recommended Action** None.

**Error Message** %LOCAL7-6-SYNC\_END: "Subscribers' database: synchronization process done."

**Explanation** This message is displayed when synchronization of the party database using external management is stopped.

**Recommended Action** None.

**Error Message** %LOCAL7-6-REMOVE\_ALL\_ANONYMOUS\_GROUPS: "Removing all anonymous-subscribers groups."

**Explanation** This message is displayed in response to a command that is issued to remove all the anonymous subscriber groups.

**Recommended Action** None.

**Error Message** %LOCAL7-6-SET\_ALL\_TEMPLATES\_TO\_DEFAULT: "Setting all subscriber templates to default values."

**Explanation** This message is displayed in response to a command that is issued to set all the subscriber templates to their default values.

**Recommended Action** None.

**Error Message** %LOCAL7-6-SET\_MAX\_TIRS: "Setting maximum number of TIRs to: %u."

**Explanation** This message is displayed in response to a command that is issued to set a new upper limit of IP range to the Traffic Processor IP Range (TIR).

**Recommended Action** None.

**Error Message** %LOCAL7-6-RESET\_MAX\_TIRS: "Resetting maximum number of TIRs to default."

**Explanation** This message is displayed in response to a command that is issued to set the IP mappings, which are assigned to the traffic processor, to their default values.

**Recommended Action** None.

**Error Message** %LOCAL7-6-ADD\_TIR: "Adding a TIR - Name

**Explanation** This message is displayed when a user tries to add the traffic processor and IP mappings for a specific IP or range of IP addresses from external management.

**Recommended Action** None.

**Error Message** %LOCAL7-6-REMOVE\_TIR:"Removing a TIR - Name

**Explanation** This message is displayed when the traffic processor and IP mappings for a specific IP are removed using a command.

**Recommended Action** None.

**Error Message** %LOCAL7-6-REMOVE\_MAPPINGS\_IN\_RANGE: "Removing Subscriber mappings in IP Range

**Explanation** This message is displayed when the traffic processor and IP address mappings for a specific IP range are removed through external management.

**Recommended Action** None.

**Error Message** %LOCAL7-6-REPLACE\_CFG\_OK: "Application replace started on slot %ld, replace is in progress.\nApplication file

**Explanation** This message is displayed when a request is issued from external management to replace the current application configuration without the service being disrupted.

**Recommended Action** None.

**Error Message** %LOCAL7-6-REPLACE\_ENDED: "Application replace ended on slot %ld, replace finished."

**Explanation** This message is displayed when application replacement is completed.

**Recommended Action** None.

**Error Message** %LOCAL7-6-TRAVERSING\_ALL: "slot number %d analyzing transport layer information"

**Recommended Action** This message is displayed when a request is made by a user from external management through the CLI to parse the transport layer instead of performing payload operation of a packet for analysis. The user can specify whether or not to scan only the payload or the entire transport layer of the packet for analysis.

**Recommended Action** None.

**Error Message** %LOCAL7-6-TRAVERSING\_ONLY\_PAYLOAD: "slot number %d analyzing payload only"

**Explanation** This message defines the details of the traverse layer in a particular slot with the slot number that is allowed to traverse only the payload.

**Recommended Action** None.

**Error Message** %LOCAL7-6-DAEMON\_ENABLED: "Telnet daemon was enabled."

**Explanation** This message is displayed when the telnet process daemon is enabled.

**Recommended Action** None.

**Error Message** %LOCAL7-6-DAEMON\_DISABLED: "Telnet daemon was disabled."

**Explanation** This message is displayed when the telnet process daemon is disabled.

**Recommended Action** None.

**Error Message** %LOCAL7-6-DEBUG\_TELNET\_ACCESS: "<%s> access to debug-telnet (port 2300) "

**Explanation** This message is displayed when debug telnet access to port 2300 is enabled.

**Recommended Action** None.

**Error Message** %LOCAL7-6-DEBUG\_SHELL\_ACCESS: "<%s> access to debug-shell (port 2301) "

**Explanation** This message is displayed when debug shell access to port 2301 is enabled.

**Recommended Action** None.

**Error Message** %LOCAL7-6-DEBUG\_SSH\_ACCESS: "<%s> access to debug-ssh (port 2200) "

**Explanation** This message is displayed when debug SSH access to port 2200 is enabled.

**Recommended Action** None.

**Error Message** %LOCAL7-6-BIND\_VTY\_SERVICE : "Telnet service bound to management vlan (%u) "

**Explanation** This message provides the details about the telnet service that is added in VLAN management configurations, along with the VLAN ID.

**Recommended Action** None.

**Error Message** %LOCAL7-6-UNBIND\_VTY\_SERVICE: "Telnet service unbound from management vlan (%u) "

**Explanation** This message is displayed when the telnet service is unbound from the management VLAN.

**Recommended Action** None.

**Error Message** %LOCAL7-6-BIND\_SSH\_SERVICE: "SSH service bound to management vlan (%u) "

**Explanation** This message is displayed when the SSH service is bound with the management VLAN.

**Recommended Action** None.

**Error Message** %LOCAL7-6-UNBIND\_SSH\_SERVICE: "SSH service unbound from management vlan (%u) "

**Explanation** This message is displayed when the SSH service is unbound from the management VLAN.

**Recommended Action** None.

**Error Message** %LOCAL7-6-SERVER\_ENABLED: "Web server enabled."

**Explanation** This message is displayed when the web server is enabled.

**Recommended Action** None.

**Error Message** %LOCAL7-6-SERVER\_DISABLED: "Web server disabled."

**Explanation** This message is displayed when the web server is disabled.

**Recommended Action** None.

**Error Message** %LOCAL7-6-BIND\_SNMP\_SERVICE: "SNMP service binded to management vlan (%u) "

**Explanation** This message is displayed when the SNMP service is bound to the management VLAN.

**Recommended Action** None.

**Error Message** %LOCAL7-6-UNBIND\_SNMP\_SERVICE: "SNMP service un-binded from management vlan (%u) "

**Explanation** This message is displayed when the SNMP service is unbound from the management VLAN.

**Recommended Action** None.

**Error Message** %LOCAL7-6-NO\_CONNECTIONS\_OPEN: "No Formatter connection is open on category %d. "

**Explanation** This message is displayed when no formatter connection is open in a category.

**Recommended Action** None.

**Error Message** %LOCAL7-6-MSG: "<%s> "

**Explanation** This message provides details about the RPC client request to the server with its requester ID.

**Recommended Action** None.

**Error Message** %LOCAL7-6-USER\_FILES\_CLEAR: "Cleared user log files"

**Explanation** This message is displayed when user log files are cleared using the **clear logger device user-file-log** command.

**Recommended Action** None.

**Error Message** %LOCAL7-6-LOGGER\_STAM: "This a message with 5 parameters one %d two %d three %d four %d five %d"

**Explanation** This message is displayed by the debug message test function that is currently not in use.

**Recommended Action** None.

**Error Message** %LOCAL7-6-LOGGER\_USER\_INFO\_MSG: "<%s> "

**Explanation** This message is displayed while adding a user message to the corresponding user log using the **logger add-user-message** command.

**Recommended Action** None.



**Error Message** %LOCAL7-6-DBG\_INIT\_OPENED\_NEW\_FILES: "DBG - failed opening files for read & write. New files were opened, old files deleted."

**Explanation** This message is displayed when the DBG fails to open the files to perform read and write operations. The new files are opened and the old files deleted. This occurs when an attempt is made to initialize the debug log files and these files are not found.

**Recommended Action** None.

**Error Message** %LOCAL7-6-TESTING\_INFO\_LEVEL: "syslog test message for info severity level"

**Explanation** This message is displayed to indicate the information severity level.

**Recommended Action** None.

**Error Message** %LOCAL7-6-SESSION\_BAD\_LOGIN: "Bad password attempted on a CLI session from <%s>."

**Explanation** This message is displayed when a wrong password is given by a user while logging into the CLI session.

**Recommended Action** None.

**Error Message** %LOCAL7-6-LINK\_UP\_TRAP: "Link up trap generated for Mng interface %d."

**Explanation** This trap is generated by the SNMP when the managing interface is up.

**Recommended Action** None.

**Error Message** %LOCAL7-6-SNMP\_TRAP: "<%s>"

**Explanation** All types of SNMP traps generate this message with the details of the traps.

**Recommended Action** None.

**Error Message** %LOCAL7-6-AUTHENTICATION\_FAILURE\_TRAP: "Authentication failure."

**Explanation** This message is generated when authentication failure of an SNMP trap occurs.

**Recommended Action** None.

**Error Message** %LOCAL7-6-OPERATIONAL\_STATUS\_WARNING\_TRAP: "<%s>"

**Explanation** This SNMP trap is generated to indicate that the Cisco SCE platform is operational until one of the following states occur:

- Link on one of the line ports is down
- Management port link is down

- Temperature raised above threshold
- Voltage not in required range
- Fans problem
- Power supply problem
- Insufficient space on the disk



**Note** If the condition that causes the Cisco SCE platform to be in the Warning state is resolved, it means that when the link is up, the Cisco SCE platform will revert back to the operational state.

**Recommended Action** None.

**Error Message** %LOCAL7-6-OPERATIONAL\_STATUS\_FAILURE\_TRAP: "<%s>"

**Explanation** This SNMP trap is generated to indicate that the Cisco SCE platform will be in the failure state after reboot due to one of the following conditions:

- Power on test failure
- Three abnormal reboots in less than 20 minutes
- Platform configured to enter the failure mode consequent to failure-induced reboot, which is configurable using a CLI command



**Note** Depending on the cause of the failure, the management interface and the Cisco SCE platform configuration may or may not be active or available.

**Recommended Action** None.

**Error Message** %LOCAL7-6-SYSTEM\_RESET\_BYUSER\_TRAP: "<%s>"

**Explanation** This SNMP trap is generated when the system is reset by a user.

**Recommended Action** None.

**Error Message** %LOCAL7-6-SYSTEM\_RESET\_BYFATAL\_TRAP: "<%s>"

**Explanation** This SNMP trap is generated when the system is reset by a fatal trap.

**Recommended Action** None.

**Error Message** %LOCAL7-6-SNMP\_COLDSTART\_TRAP: "<%s>"

**Explanation** This SNMP trap is generated when the SNMP agent restarts.

**Recommended Action** None.

**Error Message** %LOCAL7-6-CHASSIS\_TEMP\_ALARMON\_TRAP : "<%s>"

**Explanation** This SNMP trap is generated when the chassis temperature alarm is in the On state.

**Recommended Action** None.

**Error Message** %LOCAL7-6-CHASSIS\_TEMP\_ALARMOFF\_TRAP : "<%s>"

**Explanation** This SNMP trap is generated when the chassis temperature alarm is in the OFF state.

**Recommended Action** None.

**Error Message** %LOCAL7-6-CHASSIS\_VOLTAGE\_ALARMON\_TRAP : "<%s>"

**Explanation** This SNMP trap is generated when the chassis voltage alarm is in the ON state.

**Recommended Action** None.

**Error Message** %LOCAL7-6-CHASSIS\_FANS\_ALARMON\_TRAP : "<%s>"

**Explanation** This SNMP trap is generated when the chassis fans alarm is in the ON state.

**Recommended Action** None.

**Error Message** %LOCAL7-6-CHASSIS\_POWERSUPPLY\_ALARMON\_TRAP : "<%s>"

**Explanation** This SNMP trap is generated when the chassis power supply alarm that is in the ON state is detected.

**Recommended Action** None.

**Error Message** %LOCAL7-6-CHASSIS\_LINEFEED\_ALARMON\_TRAP : "<%s>"

**Explanation** This SNMP trap is generated when the chassis line feed alarm that is in the ON state is detected.

**Recommended Action** None.

**Error Message** %LOCAL7-6-RDR\_ACTIVECONNECTION\_TRAP : "<%s>"

**Explanation** This SNMP trap is generated when one of the RDR formatter connections becomes the active connection.

**Recommended Action** None.

**Error Message** %LOCAL7-6-RDR\_NOACTIVECONNECTION\_TRAP: "<%s>"

**Explanation** This SNMP trap is generated when there is no active connection between the RDR formatter and the collection manager.

**Recommended Action** None.

**Error Message** %LOCAL7-6-RDR\_CONNECTION\_UP\_TRAP : "<%s>"

**Explanation** This SNMP trap is generated to indicate that one of the RDR formatter connections has been established.

**Recommended Action** None.

**Error Message** %LOCAL7-6-RDR\_CONNECTION\_DOWN\_TRAP: "<%s>"

**Explanation** This SNMP trap indicates that one of the RDR formatter connections has been disconnected.

**Recommended Action** None.

**Error Message** %LOCAL7-6-RDR\_FORMATTER\_DISCARDING\_TRAP : "<%s>"

**Explanation** This SNMP trap is generated when the agent entity detects that the reports sent to this RDR category are discarded.

**Recommended Action** None.

**Error Message** %LOCAL7-6-RDR\_FORMATTER\_STOPPED\_DISCARDING\_TRAP: "<%s>"

**Explanation** This SNMP trap is generated when the agent entity detects that the reports sent to this RDR category are not discarded.

**Recommended Action** None.

**Error Message** %LOCAL7-6-SESSION\_STARTED\_TRAP: "<%s>"

**Explanation** This SNMP trap is generated when the agent entity accepts a new session.

**Recommended Action** None.

**Error Message** %LOCAL7-6-SESSION\_ENDED\_TRAP: "<%s>"

**Explanation** This SNMP trap is generated when the agent entity detects the end of a session.

**Recommended Action** None.

**Error Message** %LOCAL7-6-SESSION\_DENIEDACCESS\_TRAP : "<%s>"

**Explanation** This SNMP trap is generated when the agent entity denies a session from an unauthorized source.

**Recommended Action** None.

**Error Message** %LOCAL7-6-SESSION\_BADLOGIN\_TRAP: "<%s>"

**Explanation** This SNMP trap is generated when the agent entity detects an attempt to log in with a wrong password.

**Recommended Action** None.

**Error Message** %LOCAL7-6-LOGGER\_USERLOGISFULL\_TRAP: "<%s>"

**Explanation** This SNMP trap is generated when a user log file is full and the agent entity rolls to the next file.

**Recommended Action** None.

**Error Message** %LOCAL7-6-SNTP\_CLOCKDRIFTWARN\_TRAP: "<%s>"

**Explanation** This trap is generated when the SNTP agent does not receive a time update for long, which may in turn cause a time drift.

**Recommended Action** None.

**Error Message** %LOCAL7-6-ILLEGAL\_SUBSCRIBERMAPPING\_TRAP : "<%s>"

**Explanation** This trap is generated when an external entity tries to create an illegal or inconsistent subscriber mapping.

**Recommended Action** None.

**Error Message** %LOCAL7-6-PULLREQUEST\_RETRYFAILED\_TRAP: "<%s>"

**Explanation** This trap is generated when an unknown subscriber is not identified even after the maximum number of retries.

**Recommended Action** None.

**Error Message** VASSERVER\_OPERATIONALSTATUS\_CHANGE\_TRAP: "<%s>"

**Explanation** This trap is generated when an agent entity detects that the VAS server's operational status has been changed.

**Recommended Action** None.

**Error Message** %LOCAL7-6-PORT\_OPERSTATUS\_CHANGE\_TRAP : "<%s>"

**Explanation** This trap is generated to indicate that there is a change in link status, that is, link is up or link is down.

**Recommended Action** None.

**Error Message** %LOCAL7-6-MODULE\_OPER\_STATUS\_CHANGE : "<%s>"

**Explanation** This trap is generated to indicate the update redundancy status.

**Recommended Action** None.

**Error Message** %LOCAL7-6-EM\_AGENT\_GENERIC\_TRAP: "<%s>"

**Explanation** This is a generic SNMP trap in the Enterprise manager agent.

**Recommended Action** None.

**Error Message** %LOCAL7-6-MODULE\_OPER\_STATUS\_CHANGE: "<%s>"

**Explanation** This SNMP trap is generated when a module's operational status is changed.

**Recommended Action** None.

**Error Message** %LOCAL7-6-MODULE\_LOST\_REDUNDANCY: "<%s>"

**Explanation** This SNMP trap is generated when module redundancy is lost in Cisco SCE.

**Recommended Action** None.

**Error Message** %LOCAL7-6-MODULE\_REDUNDANCY\_CONF\_MISMATCH: "<%s>"

**Explanation** This SNMP trap is generated when there is a mismatch in the configuration with module redundancy of Cisco SCE.

**Recommended Action** None.

**Error Message** %LOCAL7-6-MPLS\_VPN\_HW\_MAPPINGS\_EXCEEDED: "<%s>"

**Explanation** This SNMP trap is generated when Multiprotocol Label Switching (MPLS) Virtual Private Network (VPN) mappings exceed the limit.

**Recommended Action** None.

**Error Message** %LOCAL7-6-REMOVED\_KEYS: "SSH keys were removed."

**Explanation** This message is generated when the SSH keys are removed successfully.

**Recommended Action** None.

**Error Message** %LOCAL7-6-SESSION\_ACCEPTED: "A telnet session from <%s> was established."

**Explanation** This message is generated when a telnet session is started successfully.

**Recommended Action** None.

**Error Message** %LOCAL7-6-SESSION\_DENIED: "A telnet request from <%s> was denied - IP address not in ACL."

**Explanation** This message is generated when a telnet access is denied because of the corresponding IP address not being available in the Access Control List (ACL).

**Recommended Action** None.

**Error Message** %LOCAL7-6-SESSION\_DENIED\_NO\_PASSWORD: "A telnet session from <%s> was terminated - user password not supplied."

**Explanation** This message is generated when a telnet access is denied because of the user password has not been received.

**Recommended Action** None.

**Error Message** %LOCAL7-6-SESSION\_ENDED: "A telnet session from <%s> ended."

**Explanation** This message is generated when a telnet session is terminated successfully.

**Recommended Action** None.

**Error Message** %LOCAL7-6-DENIED\_NEW\_REQUEST: "An HTTP request from <%s> has been denied - IP address not in ACL."

**Explanation** This message is generated when a web server access request is denied because the IP address is not available in the ACL.

**Recommended Action** None.

**Error Message** %LOCAL7-6-SM\_CONNECTION\_UP\_TRAP: "<%s> "

**Explanation** This SNMP trap is generated when the Subscriber Manager connection is up.

**Recommended Action** None.

**Error Message** %LOCAL7-6-SM\_CONNECTION\_DOWN\_TRAP: "<%s>"

**Explanation** This SNMP trap is generated when the Subscriber Manager connection is down.

**Recommended Action** None.

**Error Message** %LOCAL7-6-SERVER\_STARTED: "SSH server started."

**Explanation** This message is generated when the RPC server is successfully started.

**Recommended Action** None.

**Error Message** %LOCAL7-6-SERVER\_STOPPED: "SSH server stopped."

**Explanation** This message is generated when the RPC server is stopped successfully.

**Recommended Action** None.

**Error Message** %LOCAL7-6-GENERATED\_KEYS: "Generated a new set of SSH keys."

**Explanation** This message is generated when the SSH keys get generated successfully.

**Recommended Action** None.

**Error Message** %LOCAL7-6-VLAN\_ADDED: "Added new management vlan %u"

**Explanation** This message, which is specific to Cisco SCE 8000, is generated when a new management VLAN interface is added. A virtual interface named bond0.vlanId is created during this action.

**Recommended Action** None.

**Error Message** %LOCAL7-6-VLAN\_REMOVED: "Removed management vlan %u"

**Explanation** This message, which is specific to Cisco SCE 8000, is generated when an existing management VLAN interface named bond0.VlanId is removed.

**Recommended Action** None.

**Error Message** %LOCAL7-6-VLAN\_ASSIGN\_IP: "Assigned ip address"

**Explanation** This message is generated when an IPv4 address is assigned to the management VLAN interface and the Cisco SCE routing table is updated with the newly added address.

**Recommended Action** None.



**Error Message** %LOCAL7-6-OSFP\_INFO\_MESSAGE: "<%s>"

**Explanation** This message is generated when the generic OSFP informational message is displayed when the signature file is loaded and processed.

**Recommended Action** None.

**Error Message** %LOCAL7-6-INIT\_OK: "Subscriber database manager initialized successfully."

**Explanation** This message is generated when a subscriber database containing the corresponding address table, unmapped party table, and party table are initialized successfully as part of party database manager initialization.

**Recommended Action** None.

**Error Message** %LOCAL7-6-CLOSED: "Party data base was closed."

**Explanation** This message is generated when all the party-related record files are closed as part of a system reboot or because of a watchdog failure.

**Recommended Action** None.

**Error Message** %LOCAL7-6-EXECUTE\_PARTY\_FILE\_INFO1: "executePartyFile() <%s>."

**Explanation** This message is generated when timeout occurs while waiting for another task to complete the related operation. This informational message is displayed when Cisco SCOS tries to execute the party and mapping files.

**Recommended Action** None.

**Error Message** %LOCAL7-6-REMOVING\_ALL\_INTRODUCED\_MAPPING: "Removing all introduced subscriber' mappings."

**Explanation** This message is displayed to indicate that all the externally introduced subscriber mappings have been removed from the database.

**Recommended Action** None.

**Error Message** %LOCAL7-6-SET\_SM\_CON\_STATE\_UP: "Subscriber Manager connection is up<%s>"

**Explanation** This message is generated when the Subscriber Manager connection is up. However, the status depends on the Subscriber Manager connection failure action.

**Recommended Action** None.

**Error Message** %LOCAL7-6-SET\_SM\_CON\_STATE\_DOWN: "Subscriber Manager connection is down, configured action is '<%s>'."

**Explanation** This message is generated when the Subscriber Manager connection is down. Configured action may be one of the following states: remove-mappings, Shut (and Remove-Mappings), force-failure, or none.

**Recommended Action** None.

**Error Message** %LOCAL7-6-SET\_SM\_ACTION\_CHANGED: "Subscriber Manager connection-failure action set to '<%s>'."

**Explanation** This message is generated when the Subscriber Manager connection failure action is changed to remove-mappings, force-failure, or none.

**Recommended Action** None.

**Error Message** %LOCAL7-6-CHANGE\_MODE\_AUTO: "Management Failover mode has been changed to automatic mode."

**Explanation** This message is generated when the management failover mode is changed to automatic mode.

**Recommended Action** None.

**Error Message** %LOCAL7-6-CHANGE\_MODE\_MANUAL: "Management Failover mode has been changed to manual mode."

**Explanation** This message is generated when the management failover mode is changed to manual mode.

**Recommended Action** None.

**Error Message** %LOCAL7-6-SIMBA\_USR\_HW\_MONITOR\_OK: "<%s>"

**Explanation** This message is displayed when any of the hardware component statuses change from the error state or warning state to the normal state.

**Recommended Action** None.

**Error Message** %LOCAL7-6-SIMBA\_USR\_ALL\_HW\_MONITORS\_OK: "All hardware monitors report status OK"

**Explanation** This message is generated when the status of all the hardware components that are monitored by the sanity check change from the error state or warning state to the normal state.

**Recommended Action** None.

**Error Message** %LOCAL7-6-PROBLEM\_IS\_OK: "<%s>"

**Explanation** The system operational status indicates the current status of the system. This message is displayed to indicate that the operational status mentioned in the description is not severe.

**Recommended Action** None.

**Error Message** %LOCAL7-6-EXECUTING\_CONFIG\_FILES: "Beginning execution of configuration files."

**Explanation** This message is displayed when the execution of the startup configuration, application configuration, and party database configuration files begins.

**Recommended Action** None.

**Error Message** %LOCAL7-6-CONFIG\_FILES\_OK: "Configuration files executed with no errors."

**Explanation** This message is generated when all the startup configuration files are executed without any errors during the system boot process.

**Recommended Action** None.

**Error Message** %LOCAL7-6-SSH\_ERROR: "Failed starting SSH server, error is %s."

**Explanation** This message is generated when Cisco SCE fails to start the SSH server during the system boot process that is mentioned in the error description.

**Recommended Action** None.

**Error Message** %LOCAL7-6-OPERATIONAL\_STATUS\_CHANGED: "<%s>"

**Explanation** This message is generated when the system operational status is changed as mentioned in the description.

**Recommended Action** None.

**Error Message** %LOCAL7-6-LOSS\_OF\_SYNC: "Lost synchronization with peer '<%s>' - removing its subscribers"

**Explanation** This message is triggered by the Service Control Management Protocol (SCMP) engine when it detects the loss of synchronization with the peer identified by the corresponding peer name. Cisco SCE removes all the events sent to the peer connection and all the subscribers owned by that peer connection.

**Recommended Action** None.

**Error Message** %LOCAL7-6-PEER\_CONNECTED: "Connection established with peer '<s>'"

**Explanation** This message is displayed when connection with the corresponding peer is established.

**Recommended Action** None.

**Error Message** %LOCAL7-6-PEER\_CLOSE: "Closing connection with peer '<s>' - <s>"

**Explanation** This message is generated when any of the following conditions occur:

- When a user requests that a debug be closed.
- When a user requests that the connection be closed.
- When the SCMP engine is disabled.
- When Cisco SCE becomes the standby engine in the SCMP engine.
- When a keepalive session timeout occurs.
- When a peer-indicated connection is down.
- When the peer configuration is changed.

**Recommended Action** None.

**Error Message** %LOCAL7-6-PEER\_DISCONNECTED: "Lost connection with peer '<s>'"

**Explanation** This message is generated when connection with the corresponding peer is lost.

**Recommended Action** None.

**Error Message** %LOCAL7-6-KA\_RETRY\_EXCEEDED: "Keep-alive retries exceeded for peer '<s>'"

**Explanation** This message is generated when a keepalive message exceeds the maximum number of retries.

**Recommended Action** None.

**Error Message** %LOCAL7-6-PEER\_INDICATED\_DISCONNECTED: "Peer '<s>' replied that the connection is down"

**Explanation** This message is generated when the responses to the keepalive packets are received because the peer connection is down.

**Recommended Action** None.

**Error Message** %LOCAL7-6-DB\_ENTRY\_HAS\_CHANGED: "database entry IP: %s vlan: %s MAC has changed from %s to %s"

**Explanation** This message is displayed when the MAC address is changed. This message shows that the MAC address has been changed from <old MAC> to <new MAC>.

**Recommended Action** None.

**Error Message** %LOCAL7-6-DB\_ENTRY\_STATIC\_MAC\_IS\_DIFFERENT: "database static entry IP

**Explanation** This message is generated when the MAC address is static and the MAC address that is received is different from the current MAC address.

**Recommended Action** None.

**Error Message** %LOCAL7-6-INIT\_FC: "Flow data-base (FC) initialized"

**Explanation** This message is generated when the flow context database is initialized.

**Recommended Action** None.

**Error Message** %LOCAL7-6-ACTIVATE\_FC: "Flow data-base (FC) activated. Containing %d flows"

**Explanation** This message indicates that the flow context database is activated for RUC\_MaxFlowContexts flows.

**Recommended Action** None.

**Error Message** %LOCAL7-6-SET\_CONFIG: "Set connection-mode: connection mode is: %s, box priority is: %s, fail-over mode is: %s, physically-connected link group is: %lu

**Explanation** This message indicates the redundancy connection mode set on the SCE, and other details, such as box priorities, the failover mode, and the physically connected link group.

**Recommended Action** None.

**Error Message** %LOCAL7-6-STATE\_TRANSITION: "state changed from <%s> to <%s>."

**Explanation** This message is generated when there is a change in the state of the Cisco SCE cascade topology from the present state.

**Recommended Action** None.

**Error Message** %LOCAL7-6-USER\_FAILOVER: "Redundancy: User failover = %d."

**Explanation** This message indicates whether a user has requested for the failover or not. 0 indicates false and 1 indicates true.

**Recommended Action** None.

**Error Message** %LOCAL7-6-SM\_CONNECTION\_STATUS\_CHANGE: "Redundancy: SM connection status changed from %s to %s."

**Explanation** This message is displayed to indicate that the Subscriber Manager connection state has changed and consequently, the log information state has also changed.

**Recommended Action** None.

**Error Message** %LOCAL7-6-SM\_FAILOVER: "Redundancy: SM connection status is down while up in peer box."

**Explanation** This message is displayed to indicate that the Subscriber Manager connection is down due to a session timeout. The connection status is verified in the cascade connection when the present Cisco SCE platform does not have the Subscriber Manager connection and tries to activate another Cisco SCE platform connection.

**Recommended Action** None.

**Error Message** %LOCAL7-6-SM\_TAKEOVER: "Redundancy: SM connection status is up while down in peer box."

**Explanation** This message is displayed to indicate that the Subscriber Manager connection is down due to the session timeout. The connection status is verified in the cascade connection when one of the Cisco SCE platforms has the Subscriber Manager connection and tries to verify another Cisco SCE platform connection.

**Recommended Action** None.

**Error Message** %LOCAL7-6-SYSTEM\_CHANGE\_TO\_STANDBY: "Redundancy: User request - changed system to standby."

**Explanation** In the cascade state machine, this message is displayed to indicate that the system state has changed from the active state to the standby state.

**Recommended Action** None.

**Error Message** %LOCAL7-6-FOUND\_NO\_IMPROPER\_CONNECTIONS :  
"RedundancyManager:Previously found improper cascade connections are now fixed/disconnected."

**Explanation** This message is displayed to indicate that no improper connections are indicated from the Remote Procedure Call (RPC) layer.

**Recommended Action** None.

**Error Message** %LOCAL7-6-NOTIFY\_USER\_EVENT\_ON: "Started filtering packets of type '%s' received on interface # %d (<%s>). module # %d. Reason

**Explanation** This message indicates that the attack filter event has occurred and starts filtering the given types of packets on the corresponding interface.

**Recommended Action** None.

**Error Message** %LOCAL7-6-NOTIFY\_USER\_EVENT\_OFF: "Stopped filtering packets of type '<%s>' received on interface # %d (<%s>). module # %d. Reason

**Explanation** This message indicates that an attack filter event has occurred, and stops filtering the given type of packets on the corresponding interface.

**Recommended Action** None.

**Error Message** %LOCAL7-6-UNFORCE\_LINK\_DOWN: "Link on port %d is unforced down."

**Explanation** This message is displayed when the link on a specific port is in the unforced down state.

**Recommended Action** None.

**Error Message** %LOCAL7-6-VAS\_LC\_GROUP\_IS\_ACTIVE : "VAS Server Group %lu is now operative"

**Explanation** This message is displayed when the VAS server group becomes operational.

**Recommended Action** None.

**Error Message** %LOCAL7-6-VAS\_LC\_SERVER\_IS\_UP: "VAS server %lu is UP"

**Explanation** This message is displayed when the VAS server is up.

**Recommended Action** None.

**Error Message** %LOCAL7-6-VAS\_LC\_DETECTED\_VAS\_LINK\_FAILURE: "Detected a VAS failure on link %lu, switching VAS traffic to the other link"

**Explanation** This message is displayed when a VAS failure is detected on a given link and the VAS traffic is switched to another link.

**Recommended Action** None.

**Error Message** %LOCAL7-6-VAS\_LC\_CHANGE\_TRAFFIC\_LINK\_OK : "VAS traffic link has been set to link %lu"

**Explanation** This message is generated when the VAS traffic link has been set to a given link.

**Recommended Action** None.

**Error Message** %LOCAL7-6-VAS\_HC\_SERVER\_LOG\_EVENT\_STATE\_INIT: "Vas Health Check Monitor

**Explanation** This message is generated when the VAS health check monitor for a given VAS server is initialized.

**Recommended Action** None.

**Error Message** %LOCAL7-6-VAS\_HC\_SERVER\_LOG\_EVENT\_STATE\_NOT\_CHECKED: "Vas Health Check Monitor

**Explanation** This message is generated when the VAS health check monitor for a given VAS server is stopped.

**Recommended Action** None.

**Error Message** %LOCAL7-6-VAS\_HC\_SERVER\_LOG\_EVENT\_STATE\_UP: "Vas Health Check Monitor

**Explanation** This message is displayed to indicate that the VAS health check monitor state is up.

**Recommended Action** None.

**Error Message** %LOCAL7-6-VAS\_HC\_SERVER\_LOG\_EVENT\_NO\_VLAN: "Vas Health Check Monitor

**Explanation** This message is generated when Cisco SCE is unable to run the VAS health check monitor for a given VAS server because the VLAN tag for the server is missing.

**Recommended Action** None.

**Error Message** %LOCAL7-6-VAS\_HC\_MONITOR\_SET\_FF\_RULE : "Handling all UDP traffic in IP range of 0x%x

**Explanation** This message is displayed when you set the flow-filter configuration of the VAS health check for the UDP traffic in a given subscriber-side IP range.

**Recommended Action** None.

**Error Message** %LOCAL7-6-VAS\_HC\_MONITOR\_CLEAR\_FF\_RULE : "Removed special handling of all UDP traffic in IP range of 0x%x

**Explanation** This message is displayed when you set the flow-filter configuration of the VAS health check for the UDP traffic in a given subscriber-side IP range.

**Recommended Action** None.

**Error Message** %LOCAL7-6-LC\_INIT\_COMPLETED: "General RuC initialization completed"

**Explanation** This debug message is displayed when linecard initialization is completed.

**Recommended Action** None.



**Error Message** %LOCAL7-6-RUC\_INIT\_COMPLETED: "RuC specific initialization completed"

**Explanation** This debug message is displayed to indicate that the initialization of a specific Traffic Processor or Master Processor is completed.

**Recommended Action** None.

**Error Message** %LOCAL7-6-CPLD\_POWER\_BOOT: "Power-down boot identified (CPLD) "

**Explanation** This debug message is displayed on a user log when the complex programmable logic device (CPLD) powers up successfully.

**Recommended Action** None.

**Error Message** %LOCAL7-6-DUMMY\_USER\_INFO: "Dummy Info User Message"

**Explanation** This is a dummy user informational message.

**Recommended Action** None.

**Error Message** %LOCAL7-6-APP\_MAIN\_STARTED: "SCE Application main process starting init phase."

**Explanation** This debug message is displayed when the Cisco SCE application's main process starts the initialization phase.

**Recommended Action** None.

## Warning Messages, Severity Level 4

**Warning Message** %LOCAL7-4-DBG\_FLUSH\_FILES\_FAILED: "DBG failure

**Explanation** This message is generated when an error occurs while flushing the current debug or statistics log file.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-DBG\_SCROLL\_TO\_END\_FAILED: "DBG failure

**Explanation** This message is generated when an error occurs while scrolling the current DBG log file till the end.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-DBG\_FILL\_HEADER\_FAILED: "DBG failure: Failed to fill header."

**Explanation** This message is generated when a user tries to perform a write operation of a header for the DBG or statistics log file that does not exist.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-DBG\_SET\_STATE\_FAILED: "DBG failure

**Explanation** This warning message is displayed when a user tries to change the state of a DBG or statistics log file that does not exist.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-DBG\_SCROLL\_TO\_NEXT\_FAILED1: "DBG failure

**Explanation** This message is generated when the current DBG or statistics log file cannot be opened when a user tries to scroll the file.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-DBG\_SCROLL\_TO\_NEXT\_FAILED1: "DBG failure

**Explanation** This message is generated when the current DBG or statistics log file does not open when a user tries to scroll the file.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-DBG\_SCROLL\_TO\_NEXT\_FAILED2: "DBG failure

**Explanation** This message is generated while reopening a DBG or statistics log file after closing a DBG or statistics log file with memory size exceeding the maximum limit.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-DBG\_REFRESH\_PROBLEM: "DBG problem

**Explanation** This message is generated when an error occurs while refreshing the DBG or statistics log file. The old logs are deleted and new logs are created automatically.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-DBG\_REFRESH\_FAILED: "DBG failure

**Explanation** This message is generated while deleting the debug device when the corresponding file cannot be recovered even after refreshing the debug log file or the statistics log file.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-DBG\_MESSAGE\_FAILED\_WRITE: "DBG message failed - failed to write message"

**Explanation** This message is generated when an error occurs while performing a write operation in the DBG or statistics log file.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-DBG\_MESSAGE\_FAILED\_WRITE: "DBG message failed - failed to write message"

**Explanation** This warning message is generated when an error occurs while performing a write operation in the DBG or statistics log file.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-DBG\_CLEAR\_FAILED: "DBG failure"

**Explanation** This message is generated when an error occurs while clearing the log messages in the DBG or statistics log files or while clearing the histogram files.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-DBG\_INIT\_FAILED\_OPEN\_FILES: "DBG Init failure"

**Explanation** This message is generated while opening new files for logging failure cases.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-DBG\_INIT\_FAILED\_OPEN\_HIST\_FILES: "DBG Init failure"

**Explanation** This message is generated when failure occurs while opening a new histogram file or an existing histogram file.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-DBG\_INIT\_FAILED\_LOAD\_HIST\_FILES: "DBG Init failure: Failed loading histogram file (bad file or format)."

**Explanation** This message is generated when Cisco SCE fails to load the watermarks from the histogram file due to the following reasons:

- Failed to read and find the histogram file.
- Watermark found, but failed to be removed from the message hash.
- Watermark not found in the histogram file.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-DBG\_INIT\_HEADERS\_CORRUPTED1: "DBG Init problem

**Explanation** This message is generated when the header obtained from the first debug log file is corrupted even if the file is not in the full, empty, or active state.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-DBG\_INIT\_FAILED\_AFTER\_HC1: "DBG Init failure

**Explanation** This message is generated when there is an unsuccessful attempt to open or create a new debug file, and this operation is attempted when there is an error in the header obtained from the first debug log file because it is corrupted, that is, the file is not in the full, empty, or active state.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-DBG\_INIT\_HEADERS\_CORRUPTED2: "DBG Init problem

**Explanation** This message is generated when the header obtained from the second debug log file is corrupted, that is, the file is not in the full, empty, or active state.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-DBG\_INIT\_FAILED\_AFTER\_HC2: "DBG Init failure

**Explanation** This warning message is generated when the open or create operation of a new debug file fails. This operation is attempted when there is an error in the header obtained from the second debug log file because it is corrupted, that is, the file is not in the full, empty, or active state.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-DBG\_INIT\_BOTH\_FULL: "DBG Init problem

**Explanation** This message is generated when the status of the headers obtained from both the debug log files are in the full state. Close the existing files and create or open a new file.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-DBG\_INIT\_FAILED\_AFTER\_BF: "DBG Init failure

**Explanation** This message is generated when the create or open operation of a new file fails when the existing file is closed, with the status of the headers obtained from both the debug log files in the full state.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-DBG\_INIT\_BOTH\_ACTIVE: "DBG Init problem

**Explanation** This message is generated when the status in the headers obtained from both the debug log files are in the active state. Close the existing second file and create a new first file or open an existing first file.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-DBG\_INIT\_FAILED\_AFTER\_BA: "DBG Init failure

**Explanation** This message is generated when the task of creating or opening a new file fails after the existing log file is closed and when the status of the headers obtained from both the debug log files are in the full or active state.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-DBG\_DEVICE\_CREATION\_FAILED: "DBG Init failure

**Explanation** This message is generated when the creation of a logger device fails.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-DBG\_INIT\_SCROLL\_TO\_END\_FAILED: "DBG Init failure

**Explanation** This message is generated when the scrolling operation to the end of the file fails.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-DBG\_INIT\_SCROLL\_TO\_NEXT\_FAILED: "DBG Init failure

**Explanation** This message is generated due to the following reasons:

- The log file is not available and the creation of a new file fails.
- The space in the file is not enough for the next message, and the creation of a new file fails.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-DBG\_CLOSE\_FAIL\_SAVE\_HIST\_FILES: "DBG Close failure

**Explanation** This message is generated while closing the histogram file due to the following reasons:

- When the histogram file is not open.
- When there is no attempt to close the histogram file if it is already open.
- When serialization of a log fails or the histogram file fails while saving the file.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-USER\_FLUSH\_FILES\_FAILED: "User log

**Explanation** This message is generated when the task of flushing a user log fails.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-USER\_SCROLL\_TO\_END\_FAILED: "User log

**Explanation** This message is generated when a user log file reaches the maximum file size.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-USER\_SECURE\_FILES\_FAILED: "User log

**Explanation** The message is generated when an error occurs while opening a user log file, which is in binary format, in read mode.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-USER\_SCROLL\_TO\_NEXT\_FAILED1: "User log

**Explanation** This message is generated when a file is inactive or an error occurs on opening the corresponding user log file.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-USER\_SCROLL\_TO\_NEXT\_FAILED2: "User log: Failed to scroll - closed a full file and couldn't reopen."

**Explanation** This warning message is generated when the existing user log file fails to reopen.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-USER\_INIT\_SCROLL\_TO\_END\_FAILED: "User log init failure

**Explanation** This message is generated when failure occurs while opening a user log file or when a user scrolls the file.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-USER\_INIT\_SCROLL\_TO\_NEXT\_FAILED: "User log init failure

**Explanation** This message is generated when a user log file is in the inactive state and an error occurs while opening this log file or when the user log file is active and a blank space is available, but fails to open the file for writing.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-FOUND\_IMPROPER\_CONNECTIONS "RedundancyManager

**Explanation** This message is generated when the redundancy manager finds an improper cascade connection, with the ports being connected to the wrong ports on the peer box.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-LINK\_DOWN\_DETECTED "Link failure reflection

**Explanation** This message is generated when the link on a port is down and reflection gets activated.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-LINK\_DOWN\_DETECTED\_ON\_ALL\_PORTS "Link failure reflection on all ports

**Explanation** This message is generated when the link on a port is down and reflection gets activated on all the ports.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-FORCE\_LINK\_DOWN "Link failure reflection

**Explanation** This message is generated when link-failure reflection occurs when the link on a port is forced down by another port.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-FORCE\_LINK\_DOWN\_ON\_ALL\_PORTS "Link failure reflection on all ports

**Explanation** This message is displayed when link-failure reflection occurs on all the ports. The link on one port is forced down by another port.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-LIC\_AWARE\_ACTIVE "No Link reflection is done due two ports %d and %d on the same link are down and linecard aware mode is active"

**Explanation** This message is displayed because no link reflection occurs because two ports on the same link are down and the linecard-aware mode is active.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-ILLEGAL\_PACKET\_IN\_VAS\_HC\_RANGE "Got a packet on VAS Health Check IP range which does not match health check packet format. This may indicate a WRONG configuration"

**Explanation** This message is displayed because the packet that is obtained is not in the VAS health check IP range and does not match the health check packet format.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-VAS\_MIRROR\_PACKET\_BACK "Got a packet from a VAS server with VLAN tag %u, this packet was originally mirrored by the SCE. This may indicate a WRONG configuration"

**Explanation** This message is displayed because the packet obtained from the VAS server is a packet mirrored by Cisco SCE.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-VAS\_LC\_GROUP\_IS\_IN\_FAILURE "VAS Server Group %lu is in Failure state"

**Explanation** This message is displayed when the VAS server group is in the failure state.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-VAS\_LC\_SERVER\_IS\_DOWN "VAS server %lu is DOWN"

**Explanation** This message is displayed when the VAS server is down.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-VAS\_HC\_SERVER\_LOG\_EVENT\_STATE\_DOWN "Vas Health Check Monitor: NO vital signs from VAS server %lu."

**Explanation** This message is displayed when the VAS Health Check Server state is DOWN.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-VAS\_HC\_SERVER\_LOG\_EVENT\_NO\_IPS "Vas Health Check Monitor

**Explanation** This message is displayed when the VAS Health Check Monitor does not run the check for the VAS server.

**Recommended Action** None.



**Warning Message** %LOCAL7-4-STANDBY\_VIOLATION: "Subscriber operations are not permitted on standby box - discarding operation"

**Explanation** This message is displayed when the subscriber-related commands are executed when the Cisco SCE is on the standby mode.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-DEBUG\_TELNET\_ACCESS\_FAILED: "Fail to <%s> debug-telnet (port 2300) "

**Explanation** This message is displayed when Cisco SCE fails to enable debug telnet access from the remote machines.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-DEBUG\_SHELL\_ACCESS\_FAILED: "Fail to <%s> debug-shell (port 2301) "

**Explanation** This message is displayed when Cisco SCE fails to enable Cisco SCOS shell access from the remote machines.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-DEBUG\_SSH\_ACCESS\_FAILED: "Fail to %s debug-ssh (port 2200) "

**Explanation** This message is displayed when Cisco SCE fails to enable Cisco SCOS SSH access from the remote machines.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-BIND\_VTY\_SERVICE\_FAILED: "Fail to bind telnet service to management vlan (%u) and address (<%s>)"

**Explanation** This message is displayed when the Cisco SCE fails to bind the telnet service to a corresponding management VLAN.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-UNBIND\_VTY\_SERVICE\_FAILED: "Fail to un-bind telnet service from management vlan (%u) "

**Explanation** This message is displayed when Cisco SCE fails to unbind the telnet service from the corresponding management VLAN.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-BIND\_SSH\_SERVICE\_FAILED: "Fail to bind ssh service to management vlan (%u) and address (<%s>)"

**Explanation** This message is displayed when Cisco SCE fails to bind the SSH service to a given management VLAN.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-UNBIND\_SSH\_SERVICE\_FAILED: "Fail to un-bind ssh service from management vlan (%u)"

**Explanation** This message is displayed when Cisco SCE fails to unbind the SSH service to a given management VLAN.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-BIND\_SNMP\_SERVICE\_FAILED: "Fail to bind SNMP service to management vlan (%u) and address (<%s>)"

**Explanation** This message is displayed when Cisco SCE fails to bind the SNMP service to a given management VLAN.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-UNBIND\_SNMP\_SERVICE\_FAILED: "Fail to un-bind SNMP service from management vlan (%u)"

**Explanation** This message is displayed when Cisco SCE fails to unbind the SNMP service to a given management VLAN.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-HOSTNAME\_NOT\_FOUND: "Formatter connection host name was not found"

**Explanation** This message is displayed when the formatter connection of the corresponding host name is not found.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-LOGGER\_USER\_WARN\_MSG: "<%s>"

**Explanation** This message is displayed when a warning message is added to a user log file.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-DBG\_SECURE\_FILES\_FAILED: "DBG failure: Failed to secure DBG files."

**Explanation** This message is generated when Cisco SCE fails to ensure that the dbg file exists and is not corrupt.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-DBG\_MESSAGE\_MASKED: "DBG masked message - severity = %d , module = %u"

**Explanation** This message is generated when Cisco SCE tries to write a masked debug message with a given severity, from the corresponding module to the debug log.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-DBG\_MESSAGE\_FAILED\_NO\_FILE: "DBG message failed - no file attached"

**Explanation** This message is displayed when Cisco SCE tries to write a file that does not exist.

**Recommended Action** None.

**Warning Message** %LOCAL7-4-DBG\_MESSAGE\_FAILED\_SCROLL: "DBG message failed - failed to scroll to next"

**Explanation** This warning message is displayed when Cisco SCE archives the existing file and fails to open a new file in place of the existing file.

**Recommended Action** None.

■ Warning Messages, Severity Level 4