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Cisco NX-OS Routing Messages Reference

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Cisco NX-OS Routing Messages Reference

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Preface

This document lists and describes the routing messages for all the Cisco Nexus platforms. The system software sends these messages to the console (and, optionally, to a logging server on another system) during operation. Not all messages indicate a problem with your system. Some messages are purely informational, while others might help diagnose problems with links, internal hardware, or the system software.

This preface includes the following sections:

- [Audience, page ix](#)
- [Organization, page ix](#)
- [Document Conventions, page ix](#)
- [Related Documentation, page xi](#)
- [Obtaining Documentation and Submitting a Service Request, page xii](#)

Audience

This guide is for system administrators who are responsible for managing Cisco Nexus systems.

Organization

This guide is organized as follows:

Chapter	Title	Description
Chapter 1	Introduction to Routing Messages, page 1	Describes the structure of system messages and the format of system log files.
Chapter 2	Routing Messages and Recovery Procedures, page 1	Lists the messages that may appear in log files, and indicates suggested remedies where applicable.

Document Conventions

Command descriptions use these conventions:

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Convention	Description
boldface font	Commands and keywords are in boldface.
italic font	Arguments for which you supply values are in italics.
[]	Elements in square brackets are optional.
[x y z]	Optional alternative keywords are grouped in brackets and separated by vertical bars.
string	A nonquoted set of characters. Do not use quotation marks around the string or the string will include the quotation marks.

Screen examples use these conventions:

screen font	Terminal sessions and information that the switch displays are in screen font.
boldface screen font	Information that you must enter is in boldface screen font.
<i>italic screen font</i>	Arguments for which you supply values are in italic screen font.
< >	Nonprinting characters, such as passwords, are in angle brackets.
[]	Default responses to system prompts are in square brackets.
!, #	An exclamation point (!) or a pound sign (#) at the beginning of a line of code indicates a comment line.

This document uses the following conventions:



Note

Means reader *take note*. Notes contain helpful suggestions or references to material not covered in the manual.



Caution

Means *reader be careful*. In this situation, you might do something that could result in equipment damage or loss of data.

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Related Documentation

The Cisco Nexus 1000V Series switch documentation is available at the following URL:

http://www.cisco.com/en/US/products/ps9902/tsd_products_support_series_home.html

The Cisco Nexus 2000 Series Fabric Extender Documentation is available at the following URL:

http://www.cisco.com/en/US/products/ps10110/tsd_products_support_series_home.html

The Cisco Nexus 3000 Series switch documentation is available at the following URL:

http://www.cisco.com/en/US/products/ps11541/tsd_products_support_series_home.html

The Cisco Nexus 4000 Series switch documentation is available at the following URL

http://www.cisco.com/en/US/products/ps10596/tsd_products_support_series_home.html

The Cisco Nexus 5000 Series switch documentation is available at the following URL:

http://www.cisco.com/en/US/products/ps9670/tsd_products_support_series_home.html

The Cisco Nexus 7000 Series switch documentation is available at the following URL:

http://www.cisco.com/en/US/products/ps9402/tsd_products_support_series_home.html

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Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

Subscribe to the *What's New in Cisco Product Documentation* as a Really Simple Syndication (RSS) feed and set content to be delivered directly to your desktop using a reader application. The RSS feeds are a free service and Cisco currently supports RSS version 2.0.



CHAPTER 1

Introduction to Routing Messages

This chapter includes the following sections:

- [Overview, page 1-1](#)
- [Routing Messages, page 1-1](#)

Overview

This reference includes routing messages and recovery procedures for the Cisco Nexus platforms. The messages are listed in alphabetical order by the system facility that produces them. Within each system facility section, messages are listed alphabetically by mnemonics. Each system message is followed by an explanation and a recommended action.

Routing Messages

The following example shows a typical routing message:

Error Message AM-2-API_INIT Format: Failed to initialize %s API

Explanation An unrecoverable software error has occurred during the AM initialization.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

This section includes the following topics:

- [Error Message, page 1-2](#)
- [Explanation, page 1-2](#)
- [Recommended Action, page 1-2](#)

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Error Message

States the message.

Explanation

Provides an explanation of the message.

Recommended Action

Provides an action to take.



CHAPTER 2

Routing Messages and Recovery Procedures

AM Messages

This section contains the AM messages.

AM-2

Error Message AM-2-API_INIT Format: Failed to initialize %s API

Explanation An unrecoverable software error has occurred during the AM initialization.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message AM-2-BAD_TIMER Format: %s

Explanation An unrecoverable software error has occurred during the AM initialization.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message AM-2-CLI_INIT Format: Failed to initialize CLI

Explanation An unrecoverable software error has occurred during the AM initialization.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message AM-2-INIT_FAIL Format: Initialization failure

Explanation An unrecoverable software error has occurred during the AM initialization.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

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Error Message AM-2-MQ_OPEN Format: Failed to open message queue %s: %s

Explanation An unrecoverable software error has occurred during the AM initialization.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message AM-2-MTS_BIND Format: Failed to do mts_bind for %s: %s

Explanation An unrecoverable software error has occurred during the AM initialization.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message AM-2-MTS_OPC_SET Format: Failed to register with opcode %d: %s

Explanation An unrecoverable software error has occurred during the AM initialization.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message AM-2-MTS_RECV Format: MTS queue receive failed on %s queue: %s

Explanation An unexpected fatal error has occurred.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message AM-2-MTS_SADDR_GET Format: Failed to get source of mts queue %s: %s

Explanation An unrecoverable software error has occurred during the AM initialization.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message AM-2-NO_WORKBIT Format: Failed to register %s too many notify clients

Explanation An unexpected fatal error has occurred.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message AM-2-REQD_COMP_DOWN Format: Required component %s\ has gone down.

Explanation An unexpected fatal error has occurred.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

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Error Message AM-2-REQD_COMP_FAIL Format: Required component \%s\ has failed to initialize.

Explanation An unrecoverable software error has occurred during the AM initialization.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message AM-2-SDB_CREAT Format: Failed to create shared database

Explanation An unrecoverable software error has occurred during the AM initialization.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message AM-2-SDB_DESTROY Format: Failed to destroy shared database

Explanation An unrecoverable software error has occurred during the AM initialization.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message AM-2-SDB_OPEN Format: Failed to open shared database

Explanation An unrecoverable software error has occurred during the AM initialization.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message AM-2-SET_SCHED Format: Failed to set policy or priority

Explanation An unrecoverable software error has occurred during the AM initialization.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message AM-2-SHM_CREAT Format: Failed to create shared memory: %s

Explanation An unrecoverable software error has occurred during the AM initialization.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message AM-2-SHM_LOCK_CREAT Format: Failed to create shared memory lock: %s

Explanation An unrecoverable software error has occurred during the AM initialization.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

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Error Message AM-2-SVR_REG Format: Failed to register as a client of %s for VRF %s

Explanation An unrecoverable software error has occurred during the AM initialization.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message AM-2-SYSMGR_NAME Format: Failed to get name from sysmgr during %s

Explanation An unrecoverable software error has occurred during the AM initialization.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message AM-2-SYSMGR_NOTIFY Format: Bad notification from sysmgr for %s

Explanation An unrecoverable software error has occurred during the AM initialization.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message AM-2-SYSMGR_QUERY Format: Failed to query sysmgr for %s

Explanation An unrecoverable software error has occurred during the AM initialization.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message AM-2-SYSMGR_UUID Format: Failed to get uuid from sysmgr during %s

Explanation An unrecoverable software error has occurred during the AM initialization.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message AM-2-THR_CREAT Format: Failed to create thread %s: error %d

Explanation An unrecoverable software error has occurred during the AM initialization.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message AM-2-THREAD_FAIL Format: Failed to start %s thread

Explanation An unrecoverable software error has occurred during the AM initialization.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

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Error Message AM-2-URIB_PIB Format: Unable to get pib for %s VRF from URIB

Explanation An unrecoverable software error has occurred during the AM initialization.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

AM-3

Error Message AM-3-BAD_PARAMS Format: Called %s with address family %d, iod %d, l3address %s

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Error Message AM-3-DEL_PROT_ADJ Format: Unable to delete protocol adjacency for %s, uuid %ld

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Error Message AM-3-IF_INDEX Format: Invalid interface index received from %d

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Error Message AM-3-IP_GLEAN_EXCESS_TRAFFIC Format: Excess traffic (%llu packets / %llu octets) were dropped in %s seconds for ungleaned prefix %s/32 on interface %s in vrf %s

Explanation This message indicates an informational log about a system event.

Recommended Action No action is required.

Error Message AM-3-IPV6_GLEAN_EXCESS_TRAFFIC Format: Excess traffic (%llu packets / %llu octets) were dropped in %s seconds for ungleaned prefix %s/128 on interface %s in vrf %s

Explanation This message indicates an informational log about a system event.

Recommended Action No action is required.

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Error Message AM-3-MAC_REG_FAILED Format: Mac registration with L2FM failed for mac %s, iod %s, phy iod: %s

Explanation MAC registration with L2FM failed.

Recommended Action No action is required.

Error Message AM-3-MAX_RETRIES Format: Notification retry limit exceeded for %s

Explanation Client is not replying to our notifications.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message AM-3-MQ_RECV Format: Message queue receive failed on %s queue: %s

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Error Message AM-3-MQ_SEND Format: Failed to send %s to %s queue: %s

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Error Message AM-3-MSG_TO_TLV Format: Notification message to TLV failed

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Error Message AM-3-MTS_DROP Format: MTS drop failed on %s queue: %s

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Error Message AM-3-MTS_SEND Format: Failed to send %s to %s queue: %s

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Error Message AM-3-NO_AF Format: %s: Unable to get address family block for index %d

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

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Error Message AM-3-NO_MEM Format: Malloc failed for %s %s

Explanation The system may be low on memory.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message AM-3-NO_PIB Format: Unable to get pib for client pid %d while processing %s

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Error Message AM-3-NO_SMEM Format: Smalloc failed for %s %s

Explanation AM's shared memory quota may be used up, due to a large number of adjacencies or a memory leak.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message AM-3-PT_ADD Format: Pt_add failed for %s %s

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Error Message AM-3-QUEUE Format: %s failed for %s

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Error Message AM-3-READ_LOCK_HOLD Format: %s:%s():%d: Assert, read-lock not acquired

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Error Message AM-3-RIB_RTE_CHG Format: Failed to send AM route changes to %s

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

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Error Message AM-3-SHM_OPEN Format: Shared memory does not exist: %s

Explanation This message indicates an informational log about a system event.

Recommended Action No action is required.

Error Message AM-3-THR_MUTEX_LOCK Format: Failed to thread mutex lock

Explanation Failed function pthread_mutex_lock.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message AM-3-THR_MUTEX_UNLOCK Format: Failed to thread mutex lock

Explanation Failed function pthread_mutex_unlock.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message AM-3-TLV_TO_STRUCT Format: Notification TLV to struct failed

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Error Message AM-3-URIB_CNTXT Format: Failed to get Table_ID for %s on %s from %s (%ld)

Explanation An unrecoverable software error has occurred during the AM initialization.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

AM-5

Error Message AM-5-INVALID_NOTIFY Format: Received invalid notification message

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Error Message AM-5-MQ_MAJOR Format: Received unknown major message type (%d) from %s

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

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Error Message AM-5-MQ_MINOR Format: Received unknown minor message type (%d) from %s

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Error Message AM-5-MQ_UNEXP Format: Received unexpected message (%d/%d) on %s queue

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Error Message AM-5-MSG_UNK Format: Received unknown % type: %lu

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Error Message AM-5-MTS_OPC_UNK Format: Received unknown MTS opcode %lu

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Error Message AM-5-REG_DELAY Format: AM register %s delay: %d seconds

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

AM-6

Error Message AM-6-FAILED_STATS Format: Failed to retrieve stats from FTM

Explanation This message indicates an informational log about a system event.

Recommended Action No action is required.

Error Message AM-6-SYSMAN_CLEANUP Format: Terminated by SYSMAN cleanup signal ;
Explanation: Informational log about a system event.

Explanation The system has detected an error.

Recommended Action No action is required.

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AMT Messages

This section contains the AMT messages.

AMT-2

Error Message AMT-2-SHM_LOCK_CREAT Format: Failed to create shared memory lock: %s

Explanation The system has failed to initialize.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

AMT-3

Error Message AMT-3-AMT_INIT Format: AMT init failed: %s

Explanation AMT process initialization failed.

Recommended Action Dump core, and then restart component.

Error Message AMT-3-API_INIT Format: Couldn't initialize %s API

Explanation AMT failed to open API to interact with the component.

Recommended Action No action is required.

Error Message AMT-3-BIND Format: bind() on %s failed: %s

Explanation AMT failed to bind UDP socket.

Recommended Action Dump core, and then restart component.

Error Message AMT-3-COMP_DEREG Format: Unable to de-register with %s

Explanation AMT failed to de-register with a server component.

Recommended Action No action is required.

Error Message AMT-3-COMP_REG Format: Unable to register with %s

Explanation AMT failed to register with a server component.

Recommended Action Dump core, and then restart component.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message AMT-3-DISC_NOT_ANYCAST Format: Relay Discovery packet from %s is addressed to %s, not an anycast address

Explanation An AMT Gateway sent Relay Discovery not using the Relay Anycast address.

Recommended Action Configure the network or router to decrease the number of routes.

Error Message AMT-3-IP_TUNNEL_LIMIT Format: Reach IP tunnel limit of %d

Explanation AMT process failed to create tunnel because the policy limit has been reached.

Recommended Action Configure the network or router to decrease the number of routes.

Error Message AMT-3-IPV6_TUNNEL_LIMIT Format: Reach IPv6 tunnel limit of %d

Explanation AMT process failed to create tunnel because the policy limit has been reached.

Recommended Action Configure the network or router to decrease the number of routes.

Error Message AMT-3-LIB_API_INIT Format: Couldn't initialize %s API

Explanation Failed to open AMT API to interact with the component.

Recommended Action No action is required.

Error Message AMT-3-LIB_SM_CLOSE Format: Couldn't close shm segment %s

Explanation Process failed to remove shared memory resource.

Recommended Action No action is required.

Error Message AMT-3-LIB_SM_OPEN Format: Couldn't open shm segment %s

Explanation Process failed to access AMT's shared memory.

Recommended Action Dump core, and then restart component.

Error Message AMT-3-MALLOC Format: Private mem malloc (%lu) failed in %s

Explanation AMT process is out of free private memory.

Recommended Action Configure the network or router to decrease the number of routes.

Error Message AMT-3-MRIB_ADD_ROUTE Format: MRIB add route failed in %s

Explanation AMT failed to add route in MRIB.

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message AMT-3-MRIB_DEL_ROUTE Format: MRIB delete route failed in %s

Explanation AMT failed to delete route in MRIB.

Recommended Action No action is required.

Error Message AMT-3-MTS_DROP Format: Error returned from mts_drop(), errno: %s

Explanation AMT called an MTS API which returned an error.

Recommended Action Dump core, and then restart component.

Error Message AMT-3-MTS_RECV Format: Error returned from mts_recv(), errno: %s

Explanation AMT called an MTS API which returned an error.

Recommended Action Dump core, and then restart component.

Error Message AMT-3-NO_AMT_PAYLOAD Format: No AMT payload after stripping IP/IPv6 and UDP headers from %s, length: %d

Explanation AMT process received packet which is too short. The other side of the AMT tunnel has a protocol error.

Recommended Action Configure the network or router to decrease the number of routes.

Error Message AMT-3-NO_M_COPYBACK Format: m_copyack() failed in
amt_receive_multicast_data()

Explanation AMT process failed to copy AMT multicast data into an mbuf for IP to replicate the packet.

Recommended Action No action is required.

Error Message AMT-3-NO_M_GET Format: amt_receive_multicast_data() could allocate
mbuf data structure

Explanation AMT process failed to allocate an mbuf data structure to forward AMT encapsulated data in an AMT Gateway.

Recommended Action No action is required.

Error Message AMT-3-NO_SET_PRIORITY Format: Failed to set policy or priority

Explanation AMT process could not set itself process priority, exiting.

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message AMT-3-PKT_BAD_NONCE Format: Nonce from Relay Advertisement packet from %s does not match Relay Discovery packet nonce, received 0x%08x, expected 0x%08x

Explanation There is a possible AMT spoof attack since the Advertise and Discovery nonces do not match.

Recommended Action Configure the network or router to decrease the number of routes.

Error Message AMT-3-PKT_TOO_SHORT Format: Packet too short from %s

Explanation AMT process received packet which is too short. The other side of the AMT tunnel has a protocol error.

Recommended Action Configure the network or router to decrease the number of routes.

Error Message AMT-3-PT_ADD Format: Couldn't add %s to Patricia Trie

Explanation AMT failed to update the tunnel Patricia Trie.

Recommended Action No action is required.

Error Message AMT-3-PT_DEL Format: Couldn't delete %s from local PT

Explanation AMT failed to delete the local route-table entry.

Recommended Action No action is required.

Error Message AMT-3-PTHREAD_CREATE Format: Couldn't create thread %s

Explanation AMT process failed to create a task thread.

Recommended Action Dump core, and then restart component.

Error Message AMT-3-RESTART_REASON Format: AMT process has restarted, restart reason: %s\n

Explanation AMT is restoring the routes it had added in previous instance.

Recommended Action No action is required.

Error Message AMT-3-RLIMIT Format: Couldn't set AMT data segment size to %lu

Explanation AMT process could not set a memory resource limit, exiting.

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message AMT-3-SETSOCKOPT Format: setsockopt() on %s failed: %s

Explanation AMT failed in UDP socket operation.

Recommended Action Dump core, and then restart component.

Error Message AMT-3-SLAB_CREATE Format: Slab alloc of type %s failed

Explanation AMT process failed to allocate Slab memory.

Recommended Action Configure the network or router to decrease the number of routes.

Error Message AMT-3-SM_CREATE Format: Couldn't create shm segment %s

Explanation AMT process failed to initialize shared memory resource.

Recommended Action Dump core, and then restart component.

Error Message AMT-3-SMALLOC Format: Shared mem malloc (%lu) failed in %s

Explanation AMT process is out of free shared memory.

Recommended Action Configure the network or router to decrease the number of routes.

Error Message AMT-3-SOCKET Format: socket() for %s failed: %s

Explanation AMT failed to obtain UDP socket.

Recommended Action Dump core, and then restart component.

Error Message AMT-3-TIMER_SET_INIT Format: Couldn't init %s active timer set

Explanation AMT failed to initialize timer resource.

Recommended Action Dump core, and then restart component.

Error Message AMT-3-TUNNEL_FAILED Format: Could not allocate shared-memory for amt_tunneltype data structure

Explanation AMT process failed to create data structure to establish tunnel.

Recommended Action Configure the network or router to decrease the number of routes.

Error Message AMT-3-UDP_SENDTO Format: udp_sendto() failed to %s in %s, error: %s

Explanation AMT failed to send over UDP socket.

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message AMT-3-UNKNOWN_MTYPE Format: Unknown mtype: %d/%d in %s

Explanation AMT process received unknown Interprocess message, dropped.

Recommended Action No action is required.

AMT-6

Error Message AMT-6-RESTART_SHUTDOWN Format: AMT shutting self down via restart command

Explanation AMT process is shutting itself down due to the restart command.

Recommended Action No action is required.

Error Message AMT-6-SHUTDOWN Format: Shutting down AMT process

Explanation PIM received a shutdown request.

Recommended Action No action is required.

Error Message AMT-6-SHUTDOWN_SELF Format: AMT shutting self down

Explanation AMT process is shutting itself down.

Recommended Action No action is required.

Error Message AMT-6-UNKNOWN_OPC Format: Received unknown mts opcode %d

Explanation AMT process received unknown Interprocess message, dropped.

Recommended Action No action is required.

ARP Messages

This section contains the ARP messages.

ARP-2

Error Message ARP-2-AM_PIB Format: Failed to acquire AM handle %s

Explanation An unrecoverable software error has occurred during ARP initialization.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message ARP-2-AM_REG Format: Failed to register as a client of AM %s

Explanation An unrecoverable software error has occurred during ARP initialization.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message ARP-2-API_INIT Format: Failed to initialize %s API

Explanation An unrecoverable software error has occurred during ARP initialization.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message ARP-2-API_INITIALIZE Format: Failed to initialize %s API with rc=0x%x, %s

Explanation An unrecoverable software error has occurred during ARP initialization.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message ARP-2-CLI_INIT Format: Failed to initialize CLI

Explanation An unrecoverable software error has occurred during ARP initialization.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message ARP-2-DUP_SRC_IP Format: Source address of packet received from %s on %s(%s) is duplicate of local, %s

Explanation There may be another router on this network that is configured with the same IP address.

Recommended Action Check all routers on the interface for a misconfiguration.

Error Message ARP-2-DUP_SRCIP Format: Source address of packet received from %s on %s is duplicate of local, %s

Explanation There may be another router on this network that is configured with the same IP address.

Recommended Action Check all routers on the interface for a misconfiguration.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message ARP-2-INIT_FAIL Format: Initialization failure

Explanation An unrecoverable software error has occurred during ARP initialization.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message ARP-2-MQ_OPEN Format: Failed to open message queue %s: %s

Explanation An unrecoverable software error has occurred during ARP initialization.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message ARP-2-MQ_RECV Format: Message queue receive failed on %s queue: %s

Explanation An unexpected fatal error has occurred.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message ARP-2-MTS_BIND Format: Failed to do mts_bind for %s: %s

Explanation An unrecoverable software error has occurred during ARP initialization.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message ARP-2-MTS_OPC_SET Format: Failed to register with opcode %d: %s

Explanation An unrecoverable software error has occurred during ARP initialization.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message ARP-2-MTS_RECV Format: MTS queue receive failed on %s queue: %s

Explanation An unexpected fatal error has occurred.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message ARP-2-SET_SCHED Format: Failed to set policy or priority

Explanation An unrecoverable software error has occurred during ARP initialization.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message ARP-2-SHM_ATTACH Format: Failed to attach %s shared memory

Explanation An unrecoverable software error has occurred during ARP initialization.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message ARP-2-SVR_REG Format: Failed to register as a client of %s

Explanation An unrecoverable software error has occurred during ARP initialization.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message ARP-2-SYSMGR_NOTIFY Format: Bad notification from sysmgr for %s

Explanation An unrecoverable software error has occurred during ARP initialization.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message ARP-2-SYSMGR_QUERY Format: Failed to query sysmgr for %s

Explanation An unrecoverable software error has occurred during ARP initialization.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message ARP-2-SYSMGR_UUID Format: Failed to get uuid from sysmgr during %s

Explanation An unrecoverable software error has occurred during ARP initialization.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message ARP-2-THR_CREAT Format: Failed to create thread %s: error %d

Explanation An unrecoverable software error has occurred during ARP initialization.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message ARP-2-THREAD_FAIL Format: Failed to start %s thread

Explanation An unrecoverable software error has occurred during ARP initialization.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message ARP-2-TIMER_SET Format: Failed to initialize new timer set

Explanation An unrecoverable software error has occurred during ARP initialization.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message ARP-2-TIMERS_INIT Format: Failed to initialize timers

Explanation An unrecoverable software error has occurred during ARP initialization.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

ARP-3

Error Message ARP-3-ADJ_ADD Format: Failed to add adjacency for received packet from %s on %s

Explanation Due to this failure, packet forwarding to this address will be affected until the next successful retry.

Recommended Action No action is required.

Error Message ARP-3-ADJ_UPD Format: Failed to update adjacency for received packet from %s on %s

Explanation Due to this failure, packet forwarding will continue to use the existing ARP adjacency entry values.

Recommended Action No action is required.

Error Message ARP-3-API_MQ_INVALID Format: ARP API Error: Invalid ARP message queue in %s

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Error Message ARP-3-API_MQ_SEND Format: ARP API Error: Failed to send %s to %s queue: %s

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message ARP-3-API_MTS_INVALID Format: ARP API Error: Invalid ARP MTS queue in %s

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Error Message ARP-3-API_MTS_SEND Format: ARP API Error: Failed to send %s to %s queue: %s

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Error Message ARP-3-DAI_FETCH_ERR Format: DAI lookup failed, callback function returned 0x%x (%s) for %s %s

Explanation DAI lookup failed.

Recommended Action No action is required.

Error Message ARP-3-DUP_VADDR_SRC_IP Format: Source address of packet received from %s on %s(%s) is duplicate of local virtual ip, %s

Explanation There may be another router on this network that is configured with the same IP address.

Recommended Action Check all routers on the interface for a misconfiguration.

Error Message ARP-3-DUP_VADDR_SRCIP Format: Source address of packet received from %s on %s is duplicate of local virtual ip, %s

Explanation There may be another router on this network that is configured with the same IP address.

Recommended Action Check all routers on the interface for a misconfiguration.

Error Message ARP-3-DUP_VIRT_SRC_IP Format: Source address of packet received from %s on %s(%s) is duplicate of local virtual ip, %s

Explanation There may be another router on this network that is configured with the same IP address.

Recommended Action Check all routers on the interface for a misconfiguration.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message ARP-3-DUP_VIRT_SRCIP Format: Source address of packet received from %s on %s is duplicate of local virtual ip, %s

Explanation There may be another router on this network that is configured with the same IP address.

Recommended Action Check all routers on the interface for a misconfiguration.

Error Message ARP-3-GRAT_ETH Format: Sending gratuitous arp for %s on invalid interface %s, not ethernet

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Error Message ARP-3-GRAT_IOD Format: Sending gratuitous ARP for %s on an invalid interface %u

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Error Message ARP-3-GRAT_IP Format: Sending gratuitous ARP request for %s IP address %s on %s

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Error Message ARP-3-GRAT_NON_AM Format: Sending gratuitous arp for %s on invalid interface %s

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Error Message ARP-3-GRAT_P2P Format: Sending gratuitous arp for %s on invalid interface %s, point-to-point

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Error Message ARP-3-HDR_ERR Format: Failed to get ARP header, expected %d, got %d bytes

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message ARP-3-HDR_L2LEN_ERR Format: Received packet with incorrect layer 2 address length (%d bytes)

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Error Message ARP-3-HDR_L3LEN_ERR Format: Received packet with incorrect layer 3 address length (%d bytes)

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Error Message ARP-3-IF_INDEX Format: Invalid interface index received from %d

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Error Message ARP-3-IM_EXT Format: Couldn't set IM-extension for interface %s

Explanation ARP process failed to set IM extension.

Recommended Action No action is required.

Error Message ARP-3-INVALID_HDR Format: Found incorrect hardware/protocol type in ARP header: %hu/%hu

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Error Message ARP-3-INVALID_STATE Format: Unrecognized ARP entry state in timer callback: %lu

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Error Message ARP-3-MAC_ERR Format: Failed to get MAC address on %s for %s

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message ARP-3-MBUF_ERR Format: Failed to get the remainder of packet, expected %d, got %d bytes

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Error Message ARP-3-MTS_DROP Format: MTS drop failed on %s queue: %s

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Error Message ARP-3-NO_MBUF Format: Failed to allocate buffer for %s

Explanation The system may have run out of packet memory buffers.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message ARP-3-NO_MEM Format: Malloc failed for %s %s

Explanation The system may be low on memory.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message ARP-3-PKT_ENCAP Format: Failed to encapsulate packet

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Error Message ARP-3-PKT_OUT Format: Failed to send packet to PM

Explanation PM's message queue may be temporarily full.

Recommended Action No action is required.

Error Message ARP-3-REQ_ADD Format: Failed to add adjacency while sending request for %s on %s, request from pid: %d

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message ARP-3-REQ_ETH Format: Sending ARP request for %s on invalid interface %s, not ethernet, request from pid: %d

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Error Message ARP-3-REQ_IOD Format: Sending ARP request for %s on an invalid interface %u, request from pid: %d

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Error Message ARP-3-REQ_IP Format: Sending ARP request for %s IP address %s on %s, request from pid: %d

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Error Message ARP-3-REQ_NON_AM Format: Sending ARP request for %s on invalid interface %s request from pid: %d

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Error Message ARP-3-REQ_P2P Format: Sending ARP request for %s on invalid interface %s, point-to-point, request from pid: %d

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Error Message ARP-3-TIMER_RSTART Format: Failed to restart timer 0x%p for %s on %s

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Error Message ARP-3-VRRP_ETH Format: Adding vrrp arp for %s: invalid interface %s, not ethernet

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

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Error Message ARP-3-VRRP_IOD Format: Adding vrrp arp for %s: invalid interface %u

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Error Message ARP-3-VRRP_NON_AM Format: Sending vrrp arp for %s on invalid interface %s

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Error Message ARP-3-VRRP_P2P Format: Sending vrrp arp for %s on invalid interface %s, point-to-point

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Error Message ARP-3-VRRPQ_ADD Format: Failed to add VRRP queue entry for %s, %s on %s

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Error Message ARP-3-VRRPQ_IP Format: Trying to add invalid IP address %s on %s to vrrp queue

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

ARP-4

Error Message ARP-4-DIR_BCAST Format: %s address of packet received from %s on %s matches directed broadcast address, %s

Explanation There may be a configured subnet mask-length mismatch among router interfaces connected on this LAN.

Recommended Action Check all routers on the interface for a misconfiguration.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message ARP-4-DUP_IP Format: ARP entry found with duplicate IP address %s on %s

Explanation There may be another router on this network that is configured with the same IP address.

Recommended Action Check all routers on the interface for a misconfiguration.

Error Message ARP-4-INVALID_IP Format: Received packet with invalid %s IP address (%s) from %s on %s

Explanation There may be a connected router sending packets with a bogus IP address.

Recommended Action Check all routers on the interface for a misconfiguration.

Error Message ARP-4-INVALID_MAC Format: Received packet with invalid %s MAC address (%s) from %s on %s

Explanation There may be a connected router sending packets with a bogus MAC address.

Recommended Action Check all routers on the interface for a misconfiguration.

Error Message ARP-4-OWN_SRCMAC Format: Received packet with a local source MAC address (%s) from %s on %s

Explanation There may be a connected router sending packets with local MAC address.

Recommended Action Check all routers on the interface for a misconfiguration.

Error Message ARP-4-SRCIP_ERR Format: Source address of received packet (%s) does not match subnet on interface %s

Explanation There may be a configured subnet mismatch among router interfaces connected on the LAN.

Recommended Action Check all routers on the interface for a misconfiguration.

ARP-5

Error Message ARP-5-MQ_MINOR Format: Received unknown minor message type (%d) from %s

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message ARP-5-MQ_UNEXP Format: Received unexpected message (%d/%d) on %s queue

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Error Message ARP-5-MSG_UNK Format: Received unknown % type: %lu

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Error Message ARP-5-MTS_OPC_UNK Format: Received unknown MTS opcode %lu

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Error Message ARP-5-UNK_IP_NOTIF Format: Unrecognized IP address change notification type %lu

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Error Message ARP-5-UNK_MSG_MINOR Format: Unrecognized %s message minor type %d

Explanation An unexpected but recoverable error has occurred.

Recommended Action No action is required.

Error Message ARP-5-UNK_SIG Format: Received unknown signal %d ; Explanation: An unexpected but recoverable error has occurred.

Explanation The system has detected an error.

Recommended Action No action is required.

ARP-6

Error Message ARP-6-SYSMAN_CLEANUP Format: Terminated by SYSMAN cleanup signal ; Explanation: Informational log about a system event.

Explanation The system has detected an error.

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

ATIMERS Messages

This section contains the ATIMERS messages.

ATIMERS-3

Error Message ATIMERS-3-ERROR Format: %s

Explanation An active timer API has detected an error
Parameters: Error ...

Recommended Action No action is required.

Error Message ATIMERS-3-OPER Format: timer failed to %s, error %s

Explanation An active timer API has detected an error
Parameters: timer operation, reason ...

Recommended Action No action is required.

Error Message ATIMERS-3-START Format: starting timer 0x%p: heap not allocated for set id %u

Explanation An active timer API has detected an error
Parameters: timer, Set ID ...

Recommended Action No action is required.

Error Message ATIMERS-3-STOP Format: stopping timer 0x%p: heap not allocated for set id %u\n

Explanation An active timer API has detected an error
Parameters: timer, Set ID ...

Recommended Action No action is required.

BGP Messages

This section contains the BGP messages.

Send document comments to nexus7k-docfeedback@cisco.com

BGP-1

Error Message BGP-1-FATAL Format: Fatal error: %s: %s

Explanation An unexpected fatal error has occurred.
Parameters: Error Type, Error ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message BGP-1-UNKNOWNFATAL Format: Unknown fatal error %d: %s

Explanation An unexpected fatal error has occurred.
Parameters: Error Type, Error ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

BGP-2

Error Message BGP-2-AFINIT Format: Error initializing address family, (%d)

Explanation An unrecoverable error has occurred during BGP initialization.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message BGP-2-AFINITFUNCS Format: Error initializing address family function vectors, (%d)

Explanation An unrecoverable error has occurred during BGP initialization.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message BGP-2-APIINIT Format: Unable to initialize %s API

Explanation An unrecoverable error has occurred during BGP initialization.
Parameters: Server Name ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message BGP-2-APIMTSBIND Format: Unable to bind to MTS SAP for %s, sap %d: %s

Explanation BGP client was not able to create a message queue for communication.
Parameters: Queue name, MTS SAP, Error ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message BGP-2-ATTACH Format: Unable to attach to %s

Explanation An unrecoverable error has occurred during BGP initialization.
Parameters: Server Name ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message BGP-2-IPV6REG Format: Unable to register with IPv6

Explanation An unrecoverable error has occurred during BGP initialization.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message BGP-2-MQLOOP_INIT Format: Message queue loop %s, %s, Error - %s

Explanation An unrecoverable error has occurred during BGP initialization.
Parameters: MQLoop Type, Failure Type, Error ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message BGP-2-MTSBIND Format: Unable to bind to MTS SAP for %s, sap %d: %s

Explanation BGP was not able to create a message queue for communication.
Parameters: Queue name, MTS SAP, Error ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message BGP-2-PEERSHALTED Format: BGP %s shutdown due to no memory condition (%s)

Explanation The system may be low on memory.
Parameters: Peer(s), Error ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-2-PTHREAD Format: procket_pthread_create failed for %s: error %d

Explanation An unexpected fatal error has occurred.
Parameters: Thread Name, Error ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message BGP-2-SRVREG Format: Unable to register with %s

Explanation An unrecoverable error has occurred during BGP initialization.
Parameters: Server Name ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message BGP-2-SYSMGR_CONDVERIF Format: Sysmgr conditional verify failed

Explanation An internal software error occurred.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message BGP-2-SYSMGR_QUERY Format: Failed to query sysmgr for %s

Explanation An internal software error occurred.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message BGP-2-TSP_INIT Format: Unable to initialize with TSP

Explanation An unrecoverable error has occurred during BGP initialization.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message BGP-2-U6RIBREG Format: Unable to register with U6RIB for [afi/safi:%d/%d]

Explanation An unrecoverable error has occurred during BGP initialization.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message BGP-2-URIBREG Format: Unable to register with URIB for [afi/safi:%d/%d]

Explanation An unrecoverable error has occurred during BGP initialization.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

BGP-3

Error Message BGP-3-ACLTESTADD Format: Failed to add %s peer policy test

Explanation An internal software error occurred.
Parameters: ACL type ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message BGP-3-AGGADD Format: [%s] Couldn't add aggregate for %s/%d

Explanation BGP was unable to store an aggregate in an internal datastructure. The BGP process may have run out of memory.

Recommended Action If BGP ran out of memory, add memory to the router or change the network configuration to decrease memory requirements. Clear any BGP peers that may have been shut down automatically. If BGP has available memory, restart BGP.

Error Message BGP-3-AGGDEL Format: [%s] Couldn't delete aggregate for %s/%d

Explanation An unexpected but handleable event has occurred.
Parameters: Address-family, Prefix/masklength ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-ALLOCFAIL Format: %s malloc (%ld) failed for: %s

Explanation The system may be low on memory.
Parameters: Alloc Type, Size, Error ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-API_UNEXP_RESP Format: Received unexpected message from SAP %d, opcode %d, address %s, ignore it

Explanation An unexpected but handleable event has occurred.
Parameters: MTS SAP, MTS Opcode, IP Address ...

Recommended Action No action is required.

Error Message BGP-3-APIASSERT Format: %s:%d: Assertion '%s' failed.

Explanation An internal software error occurred.
Parameters: File Name, Line Number, Assert Type ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-APIMTSDROP Format: MTS drop failed on %s queue: %s

Explanation An unexpected but handleable event has occurred.
Parameters: Queue name, Error ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message BGP-3-APIMTSRECV Format: MTS receive failed on %s queue: %s

Explanation An unexpected but handleable event has occurred.
Parameters: Queue name, Error ...

Recommended Action No action is required.

Error Message BGP-3-APIMTSSEND Format: MTS send() error to SAP %d, opcode %d: %s

Explanation An unexpected but handleable event has occurred.
Parameters: MTS SAP, MTS Opcode, Error ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-APPLY_BESTPATH_CFG Format: Failed to apply bestpath configuration: %s

Explanation An unexpected but handleable event has occurred.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-ASLEN Format: AS-PATH prepend length exceeds internal limit

Explanation The system has exceeded an internal limit when prepending an AS path.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-ASPREPEND Format: Expected AS sequence or entry sequence, got %d/%d

Explanation The system has detected an error when prepending to an AS path.
Parameters: Segment Type, Segment Length ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-ASSERT Format: %s:%d: Assertion '%s' failed.

Explanation An internal software error occurred.
Parameters: File Name, Line Number, Assert Type ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message BGP-3-ATTRAVL_OP Format: Failed attribute external database operation: %s, id %lu

Explanation BGP was unable to perform an attribute external database operation
Parameters: Operation, Attr ID ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-ATTRID_OP Format: Failed to %s attribute ID

Explanation BGP was unable to allocate or free an index for a BGP PATH attribute block
Parameters: Allocate or free ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-BADNEXTHOP Format: [%s] Peer %s advertised non-mapped nexthop %s in MP reach attr [afi/safi:%d/%d], dropping NLRI

Explanation The router received a next-hop that was inconsistent with the address-family in the update message.
Parameters: Address-family, Peer, Nexthop address, AFI, SAFI ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-BADPEERAS Format: VRF %s, Peer %s - bad remote-as, expecting %s received %s.

Explanation An unexpected but handleable event has occurred.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-BFD_SEND_AUTO_EXPIRY Format: Unable to start BFD staling, error %s(0x%08x)

Explanation An unexpected but handleable event has occurred.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-BFD_SEND_EXPIRE_NOW Format: Unable to expire staled BFD sessions, error %s(0x%08x)

Explanation An unexpected but handleable event has occurred.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message BGP-3-BFD_SES_ADD Format: Unable to add BFD session for peer %s, error %s

Explanation An unexpected but handleable event has occurred.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-BFD_SES_CREATE Format: Unable to create BFD session Id for peer %s, error %s

Explanation An unexpected but handleable event has occurred.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-BFD_SES_REMOVE Format: Unable to remove BFD session for peer %s, error %s

Explanation An unexpected but handleable event has occurred.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-BFD_SES_REMOVE_ALL Format: Unable to cleanup the BFD sessions during deconfiguration, error %s(0x%08x)

Explanation An unexpected but handleable event has occurred.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-BRIB_ADD_INT Format: Internal error in adding to BRIB: %s

Explanation An internal error was encountered in adding a path to the BRIB. The BGP process may have run out of memory.
Parameters: Error ...

Recommended Action If BGP ran out of memory, add memory to the router or change the network configuration to decrease memory requirements. Clear any BGP peers that may have been shut down automatically. If BGP has available memory, restart BGP.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message BGP-3-BRIB_RDADD Format: [%s] Couldn't add rdinfo %s to BRIB

Explanation BGP was unable to add a prefix to the BGP RIB. The BGP process may have run out of memory.

Parameters: Address-family, RDinformation...

Recommended Action If BGP ran out of memory, add memory to the router or change the network configuration to decrease memory requirements. Clear any BGP peers that may have been shut down automatically. If BGP has available memory, restart BGP.

Error Message BGP-3-BRIB_RDCLASH Format: VRF %s, %s: RD clash found during %s

Explanation BGP was unable to allocate RD for the BGP RIB. The BGP process may have run out of memory.

Parameters: VRF Name, Address-family, Event ...

Recommended Action If BGP ran out of memory, add memory to the router or change the network configuration to decrease memory requirements. Clear any BGP peers that may have been shut down automatically. If BGP has available memory, restart BGP.

Error Message BGP-3-BRIB_RDDEL Format: [%s] Couldn't delete rdinfo %s from BRIB

Explanation BGP was unable to remove from BGP RIB. The BGP process may have run out of memory.

Parameters: Address-family, RDinformation...

Recommended Action If BGP ran out of memory, add memory to the router or change the network configuration to decrease memory requirements. Clear any BGP peers that may have been shut down automatically. If BGP has available memory, restart BGP.

Error Message BGP-3-BRIBADD Format: [%s] Couldn't add dest to BRIB for %s

Explanation BGP was unable to add a prefix to the BGP RIB. The BGP process may have run out of memory.

Parameters: Address-family, Prefix/masklength ...

Recommended Action If BGP ran out of memory, add memory to the router or change the network configuration to decrease memory requirements. Clear any BGP peers that may have been shut down automatically. If BGP has available memory, restart BGP.

Error Message BGP-3-BRIBDEL Format: [%s] Couldn't delete dest from BRIB for %s

Explanation An unexpected but handleable event has occurred.

Parameters: Address-family, Prefix/masklength ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message BGP-3-CLISSET Format: Unable to set %s inheritance for %s

Explanation An internal software error occurred.
Parameters: Template type, Peer address ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message BGP-3-COMADD Format: Error occurred in community addition, no action taken

Explanation An internal error was encountered in adding a community.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-COMLEN Format: Community sets exceeded maximum allowed limit

Explanation An internal limit was hit in adding a community.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-CONDSRV_CLEANUP Format: Conditional Service cleanup request failed, %s

Explanation Sysmgr rejected BGP's request to shut down.

Recommended Action No action is required.

Error Message BGP-3-CONFCHK Format: confcheck API %s() failed with error: %s(0x%08x).\n

Explanation confcheck API has failed.

Recommended Action No action is required.

Error Message BGP-3-DAMPFCFG Format: Both policy and global dampconf exist

Explanation An internal software error occurred.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-EBGPTTL Format: Unable to set EBGPTTL for peer %s, fd %d

Explanation An unexpected but handleable event has occurred.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message BGP-3-EVENT_WAIT Format: Error while waiting for %s event, error - %s\n

Explanation An unexpected but handleable event has occurred.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-EXTCOMADD Format: Error occurred in extended community addition, no action taken

Explanation An internal error was encountered in adding an extended community.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-FEATURE_STATUS Format: FM status for feature %s failed with error: %s(0x%08x).\n

Explanation FM get feature status failed.

Recommended Action No action is required.

Error Message BGP-3-FINDAGGR Format: [%s] Did not find aggregate path for entry %s/%d

Explanation BGP was unable to find an internal datastructure for originating a configured aggregate.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-ILLARGS Format: %s called with illegal arguments

Explanation An internal software error occurred.
Parameters: Function ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-INTERNAL Format: Internal error %d: %s

Explanation An internal software error occurred.
Parameters: Error Type, Error ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message BGP-3-INVHDR Format: Peer %s sent unexpected header pattern

Explanation The marker pattern in the message header was invalid.

Recommended Action Check that the peer router is configured correctly. Clear the peer if necessary after any change.

Error Message BGP-3-IPTOS Format: Unable to set IP TOS bits for %s, fd %d

Explanation An unexpected but handleable event has occurred.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-LIST Format: %s

Explanation An internal software error occurred.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-LISTEN_SOCKET Format: Failed to listen on %s BGP TCP port

Explanation BGP_EXPL_SOCKET_ERROR
Parameters: Address-family ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-LOWMEM Format: Low on heap memory

Explanation The system may be low on memory.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-MD5PASS Format: Cannot set MD5 password %s for peer %s

Explanation An internal software error occurred.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-MQLOOP_SHUTDOWN Format: Couldn't shut down %s message queue loop

Explanation An unexpected but handleable event has occurred.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message BGP-3-MTSDROP Format: MTS drop failed on %s queue: %s

Explanation An unexpected but handleable event has occurred.
Parameters: Queue name, Error ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-MTSRECV Format: MTS receive failed on %s queue: %s

Explanation An unexpected but handleable event has occurred.
Parameters: Queue name, Error ...

Recommended Action No action is required.

Error Message BGP-3-MTSEND Format: MTS send() error to SAP %d, opcode %d: %s

Explanation An unexpected but handleable event has occurred.
Parameters: MTS SAP, MTS Opcode, Error ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-NBRERR Format: %s Peer error: %s

Explanation An internal software error occurred.
Parameters: Peer address, Error ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-NEGWRITE Format: Negative nr of %d bytes left to write to peer %s

Explanation An internal software error occurred.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-NETWKRNHSETUP Format: Couldn't setup rnh notifications for network %s, error: %s

Explanation Could not setup RNH for network prefix
Parameters: Network prefix, Error ...

Recommended Action If BGP ran out of memory, add memory to the router or change the network configuration to decrease memory requirements. Clear any BGP peers that may have been shut down automatically. If BGP has available memory, restart BGP.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message BGP-3-NEXTHOPADD Format: [%s] Couldn't add next-hop to RNHDB for %s/%d, error %d

Explanation The router was unable to store a BGP next hop in an internal database, because it ran out of memory.

Parameters: Address-family, Prefix/masklength, Error ...

Recommended Action If BGP ran out of memory, add memory to the router or change the network configuration to decrease memory requirements. Clear any BGP peers that may have been shut down automatically. If BGP has available memory, restart BGP.

Error Message BGP-3-NEXTHOPDEL Format: [%s] Couldn't delete next-hop from RNHDB for %s/%d, error %d

Explanation An unexpected but handleable event has occurred.

Parameters: Address-family, Prefix/masklength, Error ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-NOBUF Format: [%s] Unable to get buffer for %s msg to peer %s

Explanation An internal software error occurred.

Parameters: Address-family, Msg Type, Peer address ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-NOMEMORY Format: Could not allocate %s

Explanation The system may be low on memory.

Parameters: Data Type ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-NONBESTPATH Format: [%s] Non bestpath in attr. path chain for %s/%d

Explanation An internal software error occurred.

Parameters: Address-family, Prefix/masklength ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message BGP-3-PATH_DEL Format: Failed to destroy path (%s), error %d

Explanation The BGP process may have run out of memory.
Parameters: Path Type, Error ...

Recommended Action If BGP ran out of memory, add memory to the router or change the network configuration to decrease memory requirements. Clear any BGP peers that may have been shut down automatically. If BGP has available memory, restart BGP.

Error Message BGP-3-PATH_STALE Format: [%s] %s path being %s, for %s from peer %s, should not be stale

Explanation An internal software error occurred.
Parameters: Address-family, Path State, Operation, Prefix/masklength, Peer address ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-PEER Format: Peer %s, failed %s

Explanation An internal software error occurred.
Parameters: Peer address, Operation ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-PFX_NOMEM Format: Could not allocate %s for %s/%d

Explanation The system may be low on memory.
Parameters: Data Type, Prefix/masklength ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-PLCYOUT Format: Cannot add reference to policy out info for route-map %s

Explanation Use the 'restart' command to restart the feature and clear this problem.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-PLCYRNHATTACH Format: Couldn't attach to policy RNH info for policy %s, error: %s

Explanation An internal error occurred in using a policy. BGP_EXPL_NO_MEM_MAYBE.

Recommended Action If BGP ran out of memory, add memory to the router or change the network configuration to decrease memory requirements. Clear any BGP peers that may have been shut down automatically. If BGP has available memory, restart BGP.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message BGP-3-PLCYRNHDETACH Format: Couldn't detach from policy RNH info for policy %s, error: %s

Explanation An internal software error occurred.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-PLCYRNHSETUP Format: Couldn't setup rn timer notifications for policy %s, error: %s

Explanation An internal error occurred in using a policy. BGP_EXPL_NO_MEM_MAYBE.

Recommended Action If BGP ran out of memory, add memory to the router or change the network configuration to decrease memory requirements. Clear any BGP peers that may have been shut down automatically. If BGP has available memory, restart BGP.

Error Message BGP-3-RDINFO Format: VRF %s, %s, table %s: rdinfo %s failed

Explanation BGP was unable to initialize an internal datastructure. The BGP process may have run out of memory.

Parameters: VRF name, Address-family, Table name, Operation ...

Recommended Action If BGP ran out of memory, add memory to the router or change the network configuration to decrease memory requirements. Clear any BGP peers that may have been shut down automatically. If BGP has available memory, restart BGP.

Error Message BGP-3-RESTARTINIT Format: Unable to determine restart status and initialize

Explanation An unrecoverable error has occurred during BGP initialization.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message BGP-3-RESTARTTYPE Format: Error in learning restart type

Explanation An internal software error occurred.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-RNHCB Format: RNH %s error: %s

Explanation An internal software error occurred.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message BGP-3-RPM_L3VPN_EXTCOMM Format: L3vpn extcommunity failure during %s

Explanation An unexpected but handleable event has occurred.
Parameters: Type of operation ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-RPMBIND Format: RPM policy bind failed for %s %s

Explanation An unexpected but handleable event has occurred.
Parameters: Policy type, Policy name ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-RPMHANDLE Format: RPM notification handle does not match existing handle for policy %s

Explanation An unexpected but handleable event has occurred.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-RT_DB_ADD Format: Couldn't add route target %s into the database

Explanation The router could not add route-target in its internal database
Parameters: Route-target ...

Recommended Action ACTION_BGP_REPORT_CS.

Error Message BGP-3-SENDBUF Format: Error manipulating sendbuf: %s

Explanation An internal software error occurred.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-SNMP_API_DATA Format: Message data is NULL

Explanation An SNMP message does not have enough memory to store data.

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message BGP-3-SOCK_ACCEPT Format: Socket (%d/%d) accept: %s\n

Explanation BGP_EXPL_SOCK_ERROR
Parameters: Socket fds, Error ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-SOCK_ERR Format: Socket (%d/%d): %s\n

Explanation BGP_EXPL_SOCK_ERROR
Parameters: Socket fds, Error ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-SOCK_FDPOP Format: Unexpected error during socket fd population %s(%d)

Explanation An unexpected but handleable event has occurred.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-SOCK_RECV Format: Unexpected error during socket data recv %s(%d)

Explanation An unexpected but handleable event has occurred.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-SOCKBIND Format: Cannot bind local socket for peer %s: %s

Explanation An error occurred during a socket operation.
Parameters: Peer address, Error ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-SOCKCREATE Format: Cannot create socket for peer %s: %s, stats: %lu/%lu/%lu/%lu/%lu

Explanation An error occurred during a socket operation.
Parameters: Peer address, Error, Socket stats ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message BGP-3-SOCKNONBLOCK Format: Couldn't make fd %d non-blocking: %s

Explanation An error occurred during a socket operation.
Parameters: Socket fd, Error ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-SOCKOPEN Format: TCP connection for peer %s already open, fd %d, state %s

Explanation An internal software error occurred.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-SOFTINCAP Format: Peer %s not capable of soft refresh in, operator intervention needed: %s

Explanation The router is unable to do a soft refresh for the indicated peer.

Recommended Action If necessary, reset the connection with the peer.

Error Message BGP-3-SRAND Format: Failed to set random seed

Explanation An unrecoverable error has occurred during BGP initialization.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message BGP-3-TBLATTRAVL_OP Format: Failed table attribute database operation: %s, id %lu

Explanation BGP was unable to perform a table attribute database operation
Parameters: Operation, Attr ID ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-TBLAVL_OP Format: Failed table database operation: %s, table %s id %lu

Explanation BGP was unable to perform a table database operation.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message BGP-3-TBLCTX_INIT Format: VRF %s, %s, table %s: Table initialization failed

Explanation BGP was unable to initialize an internal datastructure. The BGP process may have run out of memory.

Parameters: VRF name, Address-family, Table name ...

Recommended Action If BGP ran out of memory, add memory to the router or change the network configuration to decrease memory requirements. Clear any BGP peers that may have been shut down automatically. If BGP has available memory, restart BGP.

Error Message BGP-3-THREAD_SHUTDOWN Format: Problem shutting down thread %s: Operation - %s, Error - %s\n

Explanation An unexpected but handleable event has occurred.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-TIMER_START Format: Couldn't start %s timer %s

Explanation An internal software error occurred.

Parameters: Timer Type, Data ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-U6RIBRNH Format: U6RIB RNH error: %s

Explanation An internal software error occurred.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-ULIBREG Format: Unable to register with ULIB

Explanation An unrecoverable error has occurred during BGP initialization.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message BGP-3-ULIBRNH Format: ULIB RNH error: %s

Explanation An internal software error occurred.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message BGP-3-UNEXPECTED Format: %s L%d: %s

Explanation An internal software error occurred.
Parameters: File Name, Line Number, Unexpected condition ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-URIB_API Format: URIB API %s() failed\n

Explanation URIB API had failed.

Recommended Action No action is required.

Error Message BGP-3-URIB_RT_MODIFY Format: URIB route modify operation failed during %s

Explanation An internal software error occurred.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-URIBRNH Format: URIB RNH error: %s

Explanation An internal software error occurred.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-URIBRT Format: URIB RT error: %s

Explanation An internal software error occurred.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-3-VRF_CTX Format: VRF %s, failed %s

Explanation An internal software error occurred.
Parameters: VRF Name, Operation ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message BGP-3-VRFAVL_OP Format: Failed vrf database operation: %s, vrf %s id %lu

Explanation BGP was unable to perform a vrf database operation.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

BGP-4

Error Message BGP-4-APIMTSNOMSG Format: No MTS payload found on %s queue, opc %d

Explanation An unexpected but handleable event has occurred.
Parameters: Queue name, MTS Opcode ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-4-EXTCOMLEN Format: %s(): Extended communities(%u + %d) exceeded the max limit of %u

Explanation An internal limit was hit in adding an extended community.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-4-INVALIDIOD Format: Received interface(%s) %s notification from IM with zero iod

Explanation BGP received an IF notification from IM with zero or invalid iod
Parameters: Interface name, Type of notification ...

Recommended Action No action is required.

Error Message BGP-4-ISSU_CHECK Format: Not ready for ISSU: Graceful Restart or hold time check failed

Explanation No user action is required.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-4-ISSU_HOLDTIME Format: ISSU will be affected if hold time is less than or equal to system switchover time (%d seconds)\n

Explanation No user action is required.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message BGP-4-LDP_CONV_TIMER_EXP Format: [%s] Bestpath timer expired before LDP got converged vrf: %s

Explanation Bestpath timer expired before LDP got converged after SSO
Parameters: Address-family,vrf ...

Recommended Action No action is required.

Error Message BGP-4-MAXPEERS Format: Trying to configure more than %d neighbors

Explanation No user action is required.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-4-MQUNEXPECTED Format: Recieved unexpected message (%d/%d) on %s queue

Explanation An unexpected but handleable event has occurred.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-4-MTSNOMSG Format: No MTS payload found on %s queue, opc %d

Explanation An unexpected but handleable event has occurred.
Parameters: Queue name, MTS Opcode ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-4-MTSUNKOPC Format: Recieved unknown MTS message on %s queue, opc %d

Explanation An unexpected but handleable event has occurred.
Parameters: Queue name, MTS Opcode ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-4-NODAMPMEM Format: [%s] Unable to dampen prefix %s from peer %s due to no memory

Explanation BGP_EXPL_NO_MEMORY
Parameters: Address-family, Prefix/masklength, Peer address ...

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message BGP-4-NORID Format: Peer %s sent us 0.0.0.0 as its router-id

Explanation A BGP peer sent us an invalid router ID.

Recommended Action Check that the peer router is configured correctly. Clear the peer if necessary after any change.

Error Message BGP-4-PFXEXCEED Format: [%s] No. of prefix received from %s exceeded configured limit %d

Explanation A peer sent more routes than BGP was configured to accept.
Parameters: Address-family, Peer, Prefix limit ...

Recommended Action Check that the peer router is configured correctly. Clear the peer if necessary after any change.

Error Message BGP-4-PFXWARN Format: [%s] Number of prefixes received from %s reached %d, maximum %d

Explanation The number of routes sent to us by a peer exceeded the threshold at which BGP should generate a warning.
Parameters: Address-family, Peer, Warning limit, Max limit ...

Recommended Action Check that the peer router is configured correctly. Clear the peer if necessary after any change.

Error Message BGP-4-RLIMIT Format: Error while setting rlimit, error - %s\n

Explanation An unexpected but handleable event has occurred.

Recommended Action No action is required.

Error Message BGP-4-SAMERID Format: Peer %s uses same routerid as us

Explanation A BGP peer is using the same router ID as this router.

Recommended Action Configure either the local or remote router with a different router ID.

Error Message BGP-4-SLAB_HOLD Format: Not able to hold element from %s slab

Explanation The system has detected an error.
Parameters: Memory slab name ...

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message BGP-4-SNMP_DEREGFAIL Format: Failed to deregister MIB with the SNMP agent (%s).\n

Explanation No user action is required.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-4-SNMP_REGFAIL Format: Failed to register MIB with the SNMP agent, the BGP MIB will be unavailable. (%s)\n

Explanation No user action is required.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message BGP-4-TXLIST Format: %s

Explanation An unexpected but handleable event has occurred.
Parameters: Error message related to txlist ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

BGP-5

Error Message BGP-5-ADJCHANGE Format: neighbor %s %s %s

Explanation A BGP session has just been established. Or a session has just been shutdown.
Parameters: Neighbor address, Up or Down, Reason ...

Recommended Action No action is required.

Error Message BGP-5-BADSIG Format: Should not have received signal %d

Explanation An unexpected but handleable event has occurred.

Recommended Action No action is required.

Error Message BGP-5-MAXMSGLIMIT Format: [%s] Failed to send update message with prefix %s for peer %s because the msg size(%u) exceeded the maximum limit(%u)

Explanation BGP Update message reached the maximum limit
Parameters: Address-family, Prefix, Peer, Update Message Length, Update Max Message Length ...

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message BGP-5-MEMALERT Format: BGP memory status changed from %s to %s

Explanation The system has detected an error.
Parameters: Current memory status ...

Recommended Action No action is required.

Error Message BGP-5-NO_RD Format: VRF %s : RD deconfigured

Explanation RD deconfigured from VRF.
Parameters: VRF Name ...

Recommended Action No action is required.

Error Message BGP-5-SHUTDOWN Format: BGP protocol administratively shutdown

Explanation BGP protocol was administratively shutdown.

Recommended Action No action is required.

BGP-6

Error Message BGP-6-AS4AGG_INVALID Format: Received AS4_AGGREGATOR with invalid length %d in it from peer %s

Explanation The peer has sent AS4_AGGREGATOR with invalid attr length which would be discarded.

Recommended Action No action is required.

Error Message BGP-6-AS4PATH_CONFED Format: Received AS4_PATH with CONFED related path segments in it from peer %s

Explanation The peer has sent AS4_PATH with confed based path segments which would be discarded.

Recommended Action No action is required.

Error Message BGP-6-AS4PATH_SEGLEN Format: Received AS4_PATH with zero path segment length in it from peer %s

Explanation The peer has sent AS4_PATH with zero path segment length which would be discarded.

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message BGP-6-AS4PATH_SEGTYPE Format: Received AS4_PATH with invalid path segment type in it from peer %s

Explanation The peer has sent AS4_PATH with invalid path segment type which would be discarded.

Recommended Action No action is required.

Error Message BGP-6-BADASPATH Format: Long AS path %s received from peer %s: more than configured maxas-limit %d

Explanation Session can be brought up due to maximum-peer limit.

Recommended Action No action is required.

Error Message BGP-6-EXIT_DECONFIG Format: BGP process exiting due to deconfiguration

Explanation The indicated BGP process has been deconfigured.

Recommended Action No action is required.

Error Message BGP-6-EXIT_RESTART Format: BGP process exiting due to manual restart

Explanation The indicated BGP process is being restarted.

Recommended Action No action is required.

Error Message BGP-6-EXIT_UNKNOWN Format: BGP process exiting due to unknown reason

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message BGP-6-IMPORT_DEFAULT_MAXPFX_LIMIT Format: %s Prefixes imported from vrf default to vrf %s reached the max limit %d

Explanation The system has detected an error.
Parameters: Address family, Vrf, Max-prefix-limit check result ...

Recommended Action No action is required.

Error Message BGP-6-MEMSTAT Format: Hit low memory condition - Free: %u MB, Min free: %u MB

Explanation The system has detected an error.
Parameters: Current The system free memory, Minimum System free memory ...

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message BGP-6-PATH_MAXASLIMIT Format: [%s] Path for %s from peer %s found to %s the maxas-limit

Explanation The system has detected an error.
Parameters: Address family, Prefix Masklength, EBGPeer that sent the route, Maxas-limit check result ...

Recommended Action No action is required.

Error Message BGP-6-START Format: BGP process %s startup, reason: %s

Explanation The indicated BGP process has started.
Parameters: Process name, Reason ...

Recommended Action No action is required.

EIGRP Messages

This section contains the EIGRP messages.

EIGRP-2

Error Message EIGRP-2-ALLOC_URIB_ADD Format: eigrp_smalloc() failed for URIB add-route buffer

Explanation Failed to allocate URIB add-route buffer.

Recommended Action Configure the network or router to decrease the number of routes, or add additional memory to the router.

Error Message EIGRP-2-ALLOC_URIB_DEL Format: eigrp_smalloc() failed for URIB delete-route buffer

Explanation Failed to allocate URIB delete-route buffer.

Recommended Action Configure the network or router to decrease the number of routes, or add additional memory to the router.

Error Message EIGRP-2-API_INIT Format: Couldn't initialize %s API

Explanation EIGRP failed to open API to interact with the component.
Parameters: API name ...

Recommended Action Restart the component when the system is working.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message EIGRP-2-BFD_API_FAIL Format: bfd_send_remove_sessions

Explanation Failed to send bfd remove sessions.

Recommended Action No action is required.

Error Message EIGRP-2-BFD_CREATE_SESSION_FAILED Format: BFD Session create failed.

Explanation Failed to create BFD session.

Recommended Action No action is required.

Error Message EIGRP-2-CIB_CREATE_FAIL Format: eigrp_create_cib failed for context %s

Explanation Failed to create specified context.

Parameters: Context name ...

Recommended Action EIGRP process still operational. Send error log message and running configuration to the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message EIGRP-2-CLEANUP_DREG Format: Failed to deregister with %s during eigrp_cleanup()

Explanation Failed to deregister with specified service during process shutdown.

Parameters: Service name ...

Recommended Action EIGRP process still operational. Send error log message and running configuration to the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message EIGRP-2-CLI_INIT_FAILED Format: cli_init() failed in eigrp_init_cli()

Explanation EIGRP could not register with the CLI server process.

Recommended Action Restart the component when the system is working.

Error Message EIGRP-2-ERR_FREEBUF Format: Illegal memory free in function %s

Explanation Illegal memory free detected.

Parameters: Function ...

Recommended Action EIGRP process still operational. Send error log message and running configuration to the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message EIGRP-2-ERR_URIB_TID Format: Can't determine context from URIB table id %ld

Explanation Failed to determine context from URIB table id.
Parameters: Table id ...

Recommended Action EIGRP process still operational. Send error log message and running configuration to the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message EIGRP-2-ILL_FUNCCALL Format: Illegal call to function %s

Explanation Illegal call to specified function.
Parameters: Function ...

Recommended Action EIGRP process still operational. Send error log message and running configuration to the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message EIGRP-2-ILL_POLICY_TYPE Format: Illegal policy type in %s()

Explanation Illegal policy type in specified rpm callback.
Parameters: Function ...

Recommended Action EIGRP process still operational. Send error log message and running configuration to the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message EIGRP-2-ILL_WORKTYPE Format: Illegal work type %d ipigrp2_process_workq()

Explanation Worker thread received illegal work type.
Parameters: Work type ...

Recommended Action EIGRP process still operational. Send error log message and running configuration to the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message EIGRP-2-ILLEGAL_TIMER_ID Format: Illegal timer-id used in mgd_timer_init_leaf(), timer-id: %d

Explanation Illegal timer id was specified.
Parameters: Managed timer id ...

Recommended Action EIGRP process still operational. Send error log message and running configuration to the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message EIGRP-2-IM_GET_NAME_FAILED Format: im_get_if_name failed for iod (%lu) with error (%d)

Explanation EIGRP could not get if_name from Interface Manager.

Recommended Action EIGRP process still operational. Send error log message and running configuration to the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message EIGRP-2-IM_REG_FAILED Format: im_register_client() failed in eigrp_init_im()

Explanation EIGRP could not register with the IM process.

Recommended Action Restart the component when the system is working.

Error Message EIGRP-2-INIT Format: %s failed

Explanation EIGRP process initialization failed.
Parameters: Init function ...

Recommended Action Restart the component when the system is working.

Error Message EIGRP-2-IP_REG_FAILED Format: ip_register() failed in eigrp_init_ip()

Explanation EIGRP could not register with the IP process.

Recommended Action Restart the component when the system is working.

Error Message EIGRP-2-L3VM_SOO_NOTIF Format: l3vm_get_if_soo_info failed for interface %s

Explanation EIGRP could not get SoO from L3VM for.

Recommended Action EIGRP process still operational. Send error log message and running configuration to the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message EIGRP-2-MGD_TIMER_CREATE_FAIL Format: Failed to create managed timer %d

Explanation Failed to create specified managed timer.
Parameters: Managed timer id ...

Recommended Action EIGRP process still operational. Send error log message and running configuration to the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message EIGRP-2-MTS_BIND Format: mts_bind() failed in binding %s mts_q, error %s

Explanation Failed in binding to specified mts queue with error.
Parameters: MTS queue name, Error string ...

Recommended Action Restart the component when the system is working.

Error Message EIGRP-2-MTS_REQ_FM_STATUS Format: Failed in mts_register of MTS_OPC_FM_SRV_FEATURE_STATUS

Explanation Failed to request feature status notification.

Recommended Action Restart the component when the system is working.

Error Message EIGRP-2-MTSBIND Format: Unable to bind to MTS SAP for %s, sap %d: %s

Explanation EIGRP was not able to create a message queue for communication.
Parameters: Queue name, MTS SAP, Error ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message EIGRP-2-NO_MEMORY Format: Can't allocate memory in function %s

Explanation Cannot allocate memory in specified function.
Parameters: Function ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message EIGRP-2-NO_SET_PRIORITY Format: Failed to set policy or priority

Explanation EIGRP process could not set itself process priority, exiting.

Recommended Action Restart the component when the system is working.

Error Message EIGRP-2-PROCINFO_CREATE_FAIL Format: eigrp_procinfo creation failed

Explanation Failed to create procinfo.

Recommended Action EIGRP process still operational. Send error log message and running configuration to the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message EIGRP-2-PTHREAD_FAILED Format: %s failed in %s for thread %s

Explanation EIGRP process failed to create a task thread.
Parameters: Pthread operation, Function, Thread name ...

Recommended Action Restart the component when the system is working.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message EIGRP-2-REG_L3VM Format: Failed to register with l3vm

Explanation Failed to register with the l3vm process.

Recommended Action EIGRP process still operational. Send error log message and running configuration to the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message EIGRP-2-REG_OPCODE Format: Could not register opcode 0x%x, reason %s

Explanation Could not register mts opcode with the reason.
Parameters: Opcode, Reason ...

Recommended Action EIGRP process still operational. Send error log message and running configuration to the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message EIGRP-2-RLIMIT_FAILED Format: Couldn't set data segment size to %lu

Explanation EIGRP process could not set its memory resource limit, exiting.
Parameters: Data segment size ...

Recommended Action Restart the component when the system is working.

Error Message EIGRP-2-RPM_L3VPN_API Format: RPM_L3VPN_API failed : %s

Explanation EIGRP call tp RPM L3VPN API failed.

Recommended Action EIGRP process still operational. Send error log message and running configuration to the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message EIGRP-2-SBCR_INIT Format: Could not initialize shared database client, rc=0x%x [%s]

Explanation Failed to initialize shared database client with return error code.
Parameters: Error code, Error string ...

Recommended Action EIGRP process still operational. Send error log message and running configuration to the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message EIGRP-2-TIMER_CREATE_FAIL Format: Failed to create %s active timer

Explanation Failed to create specified active timer.
Parameters: Active timer name ...

Recommended Action Restart the component when the system is working.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message EIGRP-2-TIMER_SET_INIT Format: Couldn't init %s active timer set

Explanation EIGRP failed to initialize timer resource.
Parameters: Timer set name ...

Recommended Action Restart the component when the system is working.

Error Message EIGRP-2-URIB_ACK_ERROR Format: URIB ack not processed: %s

Explanation EIGRP could not find the xid for URIB ack.

Recommended Action No action is required.

Error Message EIGRP-2-URIB_ADD_ROUTE Format: urib_add_route() failed

Explanation Failed to add routes to URIB.

Recommended Action EIGRP process still operational. Send error log message and running configuration to the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message EIGRP-2-URIB_DEREGISTER Format: Could not deregister with the URIB in %s

Explanation EIGRP could not deregister with URIB in specified function.
Parameters: Function ...

Recommended Action Restart the component when the system is working.

Error Message EIGRP-2-URIB_REDIST_LIMIT_WARNING Format: Redistribute threshold limit reached: %d%.

Explanation EIGRP has reached the configured redistribute maximum-prefix threshold.
Parameters: Threshold ...

Recommended Action EIGRP process still operational. Send error log message and running configuration to the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message EIGRP-2-URIB_REGISTER Format: EIGRP could not register with the URIB

Explanation At initialization time, EIGRP could not register with the URIB process.

Recommended Action Restart the component when the system is working.

Error Message EIGRP-2-URIB_RT_MOD_INIT Format: URIB_RT_MOD_INIT failed

Explanation EIGRP call to URIB_RT_MOD_INIT API failed.

Recommended Action Restart the component when the system is working.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message EIGRP-2-URIB_SEND_BUFFER Format: urib_rt_mod_send() failed

Explanation Failed to send add/delete buffer to URIB. The RIB and topology table might be inconsistent. Try restarting EIGRP to clear the issue.

Recommended Action EIGRP process still operational. Send error log message and running configuration to the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message EIGRP-2-VERIFY_PTAG Format: Could not verify process tag with sysmgr

Explanation Could not verify process tag with sysmgr.

Recommended Action Restart the component when the system is working.

EIGRP-3

Error Message EIGRP-3-ANCHORCOUNT_DUAL Format: Anchor count negative

Explanation A software or hardware error occurred.

Recommended Action EIGRP process still operational. Send error log message and running configuration to the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message EIGRP-3-BADCOUNT_DUAL Format: Route %s, %d successors, %d rdfs

Explanation A software or hardware error occurred.
Parameters: Route, Number of feasible successors, Number of successors ...

Recommended Action EIGRP process still operational. Send error log message and running configuration to the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>. ;.

Error Message EIGRP-3-BFD_SEND_AUTO_EXPIRY Format: Unable to start BFD staling, error %s

Explanation EIGRP BFD staling API failed
Parameters: Error string ...

Recommended Action Dump core, and then restart component.

Error Message EIGRP-3-BUFFER_OVERFLOW Format: Buffer overflow: %s

Explanation Buffer overflow while writing EIGRP community.

Recommended Action EIGRP process still operational. Send error log message and running configuration to the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message EIGRP-3-CMI_NO_VRF_ERR Format: CMI error: No %s VRF information found

Explanation CMI returned an error
Parameters: Error ...

Recommended Action No action is required.

Error Message EIGRP-3-DUP_ADDR Format: Duplicate address %s detected on interface %s

Explanation The same IP address was configured on two EIGRP routers on the same subnet.
Parameters: IP address, Interface ...

Recommended Action Do not configure the same IP address on multiple EIGRP routers in the same subnet.

Error Message EIGRP-3-GR_OFF_DURING_UPG Format: Attempt to upgrade system with graceful-restart off.

Explanation Attempt to upgrade system with graceful-restart off.

Recommended Action Enable graceful-restart before attempting system upgrade.

Error Message EIGRP-3-INTERNAL_DUAL Format: %s %d: Internal Error

Explanation EIGRP internal DUAL finite state error.
Parameters: DUAL descriptor block name, Autonomous system number ...

Recommended Action EIGRP process still operational. Send error log message and running configuration to the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message EIGRP-3-MTS_DROP Format: Error returned from mts_drop(), errno: %s

Explanation EIGRP called an MTS API which returned an error.
Parameters: Error string ...

Recommended Action EIGRP process still operational. Send error log message and running configuration to the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message EIGRP-3-MTS_RECV Format: Error returned from mts_recv(), errno: %s

Explanation EIGRP called an MTS API which returned an error.
Parameters: Error string ...

Recommended Action EIGRP process still operational. Send error log message and running configuration to the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message EIGRP-3-MTS_REGISTER Format: mts_register failed for EIGRP: %s

Explanation EIGRP was unable to register an MTS notification.

Recommended Action No action is required.

Error Message EIGRP-3-MTSDROP Format: MTS drop failed on %s queue: %s

Explanation EIGRP_EXPL_UNEXPECTED_EVENT

Parameters: Queue name, Error ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message EIGRP-3-MTSRECV Format: MTS receive failed on %s queue: %s

Explanation EIGRP_EXPL_UNEXPECTED_EVENT

Parameters: Queue name, Error ...

Recommended Action No action is required.

Error Message EIGRP-3-MTSEND Format: MTS send() error to SAP %d, opcode %d: %s

Explanation EIGRP_EXPL_UNEXPECTED_EVENT

Parameters: MTS SAP, MTS Opcode, Error ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message EIGRP-3-MULTIFLOW_DUAL Format: Flow control error, %s, on %s

Explanation A software or hardware error occurred.

Parameters: Error description, Interface ...

Recommended Action EIGRP process still operational. Send error log message and running configuration to the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message EIGRP-3-NOHANDLE_DUAL Format: Handle %d is not allocated in pool.

Explanation A software or hardware error occurred.

Parameters: Peer handle ...

Recommended Action EIGRP process still operational. Send error log message and running configuration to the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message EIGRP-3-PEERSEXIST_DUAL Format: %d peers exist on IIDB %s

Explanation A software or hardware error occurred.
Parameters: Peer count, Interface ...

Recommended Action EIGRP process still operational. Send error log message and running configuration to the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message EIGRP-3-PFXLIMIT_DUAL Format: %s %d %s prefix limit exceeded

Explanation Prefix limit threshold exceeded.
Parameters: DUAL descriptor block name, Autonomous system number, Prefix type ...

Recommended Action EIGRP process still operational. Send error log message and running configuration to the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message EIGRP-3-PFXLIMITTHR_DUAL Format: %s %d %s reached prefix limit threshold

Explanation Prefix limit threshold reached.
Parameters: DUAL descriptor block name, Autonomous system number, Prefix type ...

Recommended Action EIGRP process still operational. Send error log message and running configuration to the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message EIGRP-3-PROBESEQ_DUAL Format: Bad probe sequence %d from %s, expecting %d
Parameters: Probe seq no received, Peer, Expected seq no ...

Explanation A software or hardware error occurred.

Recommended Action EIGRP process still operational. Send error log message and running configuration to the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message EIGRP-3-RDBLEFT_DUAL Format: dest %s, nexthop %s (%s), origin %s

Explanation A software or hardware error occurred.
Parameters: Route, Next hop, Inteface Origin ...

Recommended Action EIGRP process still operational. Send error log message and running configuration to the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message EIGRP-3-REFCOUNT_DUAL Format: Negative reflowcount in pakdesc %x

Explanation A software or hardware error occurred.
Parameters: Packet descriptor ...

Recommended Action EIGRP process still operational. Send error log message and running configuration to the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message EIGRP-3-RPM_REDIST_INIT Format: Couldn't initialize redistribution API for %s

Explanation EIGRP failed to open API to interact with the component.
Parameters: Redistributable client ...

Recommended Action EIGRP process still operational. Send error log message and running configuration to the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message EIGRP-3-SIA_DUAL Format: Route %s stuck-in-active state in %s %d.
Cleaning up

Explanation EIGRP route stuck-in-active, cleanup happened.
Parameters: Route, DUAL descriptor block name, Autonomous system number ...

Recommended Action No action is required.

Error Message EIGRP-3-SYSMGR_DISPATCH Format: Error returned from sysmgr_dispatch(), errno: %s

Explanation EIGRP called the system manager API which returned an error.
Parameters: Error string ...

Recommended Action EIGRP process still operational. Send error log message and running configuration to the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message EIGRP-3-SYSMGR_QUERY Format: Sysmgr state query failed for uuid %d,
tag %s

Explanation A software or hardware error occurred.
Parameters: Service UUID, Process Tag ...

Recommended Action EIGRP process still operational. Send error log message and running configuration to the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message EIGRP-3-UNKNOWN_MTYPE Format: Unknown mtype: %d/%d in %s

Explanation EIGRP process received unknown Interprocess message, dropped.
Parameters: Message major type, Message minor type, Function ...

Recommended Action No action is required.

Error Message EIGRP-3-UNKTIMER_DUAL Format: Unknown timer type %d expiration
Parameters: Managed timer id ...

Explanation A software or hardware error occurred.

Recommended Action EIGRP process still operational. Send error log message and running configuration to the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

EIGRP-4

Error Message EIGRP-4-MQUNEXPECT Format: Received unexpected message (%d/%d) on %s queue

Explanation EIGRP_EXPL_UNEXPECTED_EVENT.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message EIGRP-4-MTSNOMSG Format: No MTS payload found on %s queue, opcode %d

Explanation EIGRP_EXPL_UNEXPECTED_EVENT
Parameters: Queue name, MTS Opcode ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message EIGRP-4-MTSUNKOPC Format: Received unknown MTS message on %s queue, opcode %d

Explanation EIGRP_EXPL_UNEXPECTED_EVENT
Parameters: Queue name, MTS Opcode ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message EIGRP-4-PICOSEC_WARN Format: ip delay eigrp command accepted but did not take effect in 32 bit version mode

Explanation The command was issued when in 32bit metric version mode.

Recommended Action No action is required.

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EIGRP-5

Error Message EIGRP-5-EVENT_DUAL Format: %s, %s

Explanation DUAL event log message.
Parameters: DUAL descriptor block name, Log message ...

Recommended Action No action is required.

Error Message EIGRP-5-HA_INFO Format: EIGRP HA info msg - %s

Explanation EIGRP received a HA informational message
Parameters: Message ...

Recommended Action No action is required.

Error Message EIGRP-5-NBRCHANGE_DUAL Format: %s %d: Neighbor %s (%s) is %s: %s

Explanation A neighbor went up or down.
Parameters: DUAL descriptor block name, Autonomous system number, Peer, Interface, State, Reason ...

Recommended Action No action is required.

Error Message EIGRP-5-SHUTDOWN Format: Shutting down EIGRP process - %s

Explanation EIGRP received a shutdown request.
Parameters: Reason ...

Recommended Action No action is required.

EIGRP-6

Error Message EIGRP-6-UNEQUAL_METRICS Format: EIGRP: Unequal metric (%s), delay [%llu/%llu], bandwidth [%llu/%llu] , mtu [%u/%u], hopcount [%u/%u], reliability [%u/%u], load [%u/%u]

Explanation Unequal metrics detected and log-neighbor-warnings are enabled.
Parameters: Route, Delay1, Delay2, Bandwidth1, Bandwidth2, Mtu1, Mtu2, Hopcount1, Hopcount2, Reliability1 Reliability2, Load1, Load2 ...

Recommended Action EIGRP process still operational. Send error log message and running configuration to the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Send document comments to nexus7k-docfeedback@cisco.com

FTM Messages

This section contains the FTM messages.

FTM-3

Error Message FTM-3-ERR_CFGFAILED Format: %s

Explanation Configuration Error.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message FTM-3-ERR_HWNOMEM Format: %s

Explanation H/W Mem Allocation Err.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message FTM-3-ERR_HWWRITE Format: %s

Explanation H/W Write Error.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message FTM-3-ERR_INTERNAL Format: %s

Explanation Internal Error.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message FTM-3-ERR_IPCFAILED Format: %s

Explanation IPC failure.

Recommended Action No action is required.

Error Message FTM-3-ERR_NOACTION Format: %s

Explanation Internal Data structure error.

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message FTM-3-ERR_SWNOMEM Format: %s

Explanation S/W Mem Error.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message FTM-3-WARN_INTERNAL Format: %s

Explanation Internal Warning.

Recommended Action No action is required.

HEAP Messages

This section contains the HEAP messages.

HEAP-3

Error Message HEAP-3-HEAP_ERROR Format: %s

Explanation Heap routing library error.

Recommended Action No action is required.

HEAP-4

Error Message HEAP-4-HEAP_WARNING Format: %s

Explanation Heap malloc warning.

Recommended Action No action is required.

ICMPV6 Messages

This section contains the ICMPV6 messages.

Send document comments to nexus7k-docfeedback@cisco.com

ICMPV6-2

Error Message ICMPv6-2-MALLOC_FAILED Format: malloc() failed for allocating %s in %s()

Explanation ICMPv6 process is out of heap memory. This could be due to temporary increase in the number of static or dynamic Neighbor Cache Entries(NCEs) to a very high value.

Recommended Action No action is required.

ICMPV6-3

Error Message ICMPv6-3-ADJ_ADD Format: Failed to add adjacency for received packet from %s on %s

Explanation Due to this failure, packet forwarding to this address will be affected until the next successful retry.

Recommended Action No action is required.

Error Message ICMPv6-3-API_FAILED Format: %s failed in %s()

Explanation An unexpected but manageable event has occurred.;

Recommended Action No action is required.

Error Message ICMPv6-3-API_INIT_FAILED Format: %s failed in %s() with rc=0x%x, %s

Explanation An unexpected but manageable event has occurred.;

Recommended Action No action is required.

Error Message ICMPv6-3-API_INTERFACE_FAILED Format: %s failed for %s in %s()

Explanation An unexpected but manageable event has occurred.;

Recommended Action No action is required.

Error Message ICMPv6-3-BAD_INFO_RECEIVED Format: Invalid %s message type %d received in %s()

Explanation An unexpected but manageable event has occurred.;

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message ICMPv6-3-BITFIELD_FAILED Format: %s failed in %s

Explanation ICMPV6 process could not execute the bitfield operation.
Parameters: Bitfield operation, Function name ...

Recommended Action Dump core, then reload the stack.

Error Message ICMPv6-3-CV_INIT Format: Couldn't init cond var %s

Explanation ICMPV6 process failed to initialize conditional-variable resource.
Parameters: Thread Name ...

Recommended Action Dump core, and then restart component.

Error Message ICMPv6-3-FHRP_CTXT Format: Adding virtual ipv6 address for %s:
non-ipv6 enabled interface %s in context %ld

Explanation UNEXPECTED_ERROR_EXPLANATION.

Recommended Action No action is required.

Error Message ICMPv6-3-GROUP_PREFIX_IGNORE Format: Too many Groups in Group Prefix
%s. Specify the prefix within /120

Explanation GPrefix yields too many Groups
Parameters: Group Prefix ...

Recommended Action No action is required.

Error Message ICMPv6-3-GROUP_RANGE_IGNORE Format: Too many Groups in Group Range %s
- %s

Explanation Group Range yields too many Groups
Parameters: Start Group, End Group ...

Recommended Action No action is required.

Error Message ICMPv6-3-IF_INDEX Format: Invalid interface index received from %d

Explanation UNEXPECTED_ERROR_EXPLANATION.

Recommended Action No action is required.

Error Message ICMPv6-3-MBUF_OP_FAILED Format: %s for size %d failed in %s()

Explanation An unexpected but manageable event has occurred.,;

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message ICMPv6-3-MQ_FAILED Format: %s failed, errno: %s in %s()

Explanation An unexpected but manageable event has occurred.;

Recommended Action No action is required.

Error Message ICMPv6-3-MQ_FAILED_NAME Format: %s failed for client %s, errno: %s in %s()

Explanation An unexpected but manageable event has occurred.;

Recommended Action No action is required.

Error Message ICMPv6-3-MQ_FAILED_PID Format: %s failed to client pid: %d, errno: %s in %s()

Explanation An unexpected but manageable event has occurred.;

Recommended Action No action is required.

Error Message ICMPv6-3-MSG_TO_TLV Format: TLV Conversion failed (%d)

Explanation TLV conversion failed.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message ICMPv6-3-MTS_DROP Format: Error returned from mts_drop(), errno: %s

Explanation ICMPv6 called an MTS API which returned an error.

Recommended Action Dump core, and then restart component.

Error Message ICMPv6-3-MTS_FAILED Format: %s failed, errno: %s in %s()

Explanation An unexpected but manageable event has occurred.;

Recommended Action No action is required.

Error Message ICMPv6-3-MTS_FAILED_NAME Format: %s failed for client %s, errno: %s in %s()

Explanation An unexpected but manageable event has occurred.;

Recommended Action No action is required.

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Error Message ICMPv6-3-MTS_FAILED_PID Format: %s failed to client pid: %d, errno: %s in %s()

Explanation An unexpected but manageable event has occurred.;

Recommended Action No action is required.

Error Message ICMPv6-3-MTS_RECV Format: Error returned from mts_recv(), errno: %s

Explanation ICMPv6 called an MTS API which returned an error.

Recommended Action Dump core, and then restart component.

Error Message ICMPv6-3-MUTEX_INIT Format: Couldn't init mutex %s

Explanation ICMPV6 process failed to initialize mutex system resource.
Parameters: Thread Name ...

Recommended Action Dump core, and then restart component.

Error Message ICMPv6-3-ND_LOG Format: %s

Explanation Neighbor Discovery process found erroneous configuration on the network.

Recommended Action No action is required.

Error Message ICMPv6-3-ND_RA_LOG Format: %s

Explanation Network configuration information obtained from Neighbor Discovery - Router Acknowledgement(RA) packet.

Recommended Action No action is required.

Error Message ICMPv6-3-PACKET_LENGTH_ERROR Format: ICMPv6 packet from %s is smaller than payload length of %d bytes:%s()

Explanation An unexpected but manageable event has occurred.;

Recommended Action No action is required.

Error Message ICMPv6-3-PT_ADD Format: Couldn't add element to PT %s

Explanation ICMPv6 failed to update the local database entry.
Parameters: Patricia tree name ...

Recommended Action No action is required.

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Error Message ICMPv6-3-PT_DEL Format: Couldn't delete element from PT %s

Explanation ICMPv6 failed to delete the local database entry.
Parameters: Patricia tree name ...

Recommended Action No action is required.

Error Message ICMPv6-3-RESERVE_LIMIT Format: Exceeded reserve-limit for interface %s - dropping

Explanation Exceeded 80% of the reserve-limit for interface
Parameters: Interface ...

Recommended Action No action is required.

Error Message ICMPv6-3-STATE_LIMIT Format: Exceeded state-limit for interface %s - dropping

Explanation Exceeded 80% of the state-limit for interface
Parameters: Interface ...

Recommended Action No action is required.

Error Message ICMPv6-3-SYSMGR_DISPATCH Format: Error returned from sysmgr_dispatch(), errno: %s

Explanation ICMPv6 called the system manager API which returned an error.

Recommended Action Dump core, and then restart component.

Error Message ICMPv6-3-TIMER_FAILED Format: %s failed for %s in %s

Explanation The system has detected an error.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message ICMPv6-3-TLV_TO_STRUCT Format: TLV to Struct Conversion failed (%d)

Explanation TLV to Struct conversion failed.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message ICMPv6-3-TXLIST_CREATE Format: Couldn't create txlist for %s

Explanation ICMPV6 failed to create txlist resource.
Parameters: Data type ...

Recommended Action Dump core, and then restart component.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message ICMPv6-3-VRF_CREATE Format: ICMPv6 VRF creation failed for vrf %s

Explanation ICMPv6 process could not create the VRF context.
Parameters: VRF name ...

Recommended Action Dump core, then reload the stack.

ICMPV6-6

Error Message ICMPv6-6-FHRP_IOD Format: Adding virtual ipv6 address for %s: non-ipv6 enabled interface %s

Explanation UNEXPECTED_ERROR_EXPLANATION.

Recommended Action No action is required.

Error Message ICMPv6-6-RESERVE_LIMIT_WARNING Format: Exceeded 80% of the reserve-limit for interface %s

Explanation Exceeded 80% of the reserve-limit for interface
Parameters: Interface ...

Recommended Action No action is required.

Error Message ICMPv6-6-STATE_LIMIT_WARNING Format: Exceeded 80% of the state-limit for interface %s

Explanation Exceeded 80% of the state-limit for interface
Parameters: Interface ...

Recommended Action No action is required.

Error Message ICMPv6-6-UNKNOWN_OPC Format: Received unknown mts opcode %d

Explanation ICMPv6 process received unknown Interprocess message, dropped.

Recommended Action No action is required.

IGMP Messages

This section contains the IGMP messages.

Send document comments to nexus7k-docfeedback@cisco.com

IGMP-2

Error Message IGMP-2-STARTUP_DEBUG Format: %s %d

Explanation An unrecoverable software error has occurred during IGMP startup.
Parameters: Failure reason ...

Recommended Action No action is required.

Error Message IGMP-2-STARTUP_FAILURE Format: Startup failure: %s

Explanation An unrecoverable software error has occurred during IGMP startup.
Parameters: Failure reason ...

Recommended Action No action is required.

IGMP-3

Error Message IGMP-3-ALREADY_RUNNING Format: IGMP already running, exiting

Explanation Another IGMP process is already running, this process will shut down.

Recommended Action No action is required.

Error Message IGMP-3-API_FAILED Format: %s failed in %s

Explanation IGMP process failed in invoking an API.
Parameters: API name, Function name ...

Recommended Action No action is required.

Error Message IGMP-3-AVL_ERROR Format: AVL-tree operation %s failed for %s

Explanation IGMP process failed in an AVL-tree manipulation.
Parameters: AVL tree operation, Tree name ...

Recommended Action No action is required.

Error Message IGMP-3-BAD_MSG Format: Invalid %s message received from %s

Explanation IGMP received an invalid MTS message.
Parameters: Message type, Process name ...

Recommended Action Dump core, and then restart component.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message IGMP-3-BF_CREATE Format: Couldn't create bitfield for %s

Explanation IGMP failed to create bitfield resource.
Parameters: Data type ...

Recommended Action Dump core, and then restart component.

Error Message IGMP-3-BITFIELD_FAILED Format: %s failed in %s

Explanation IGMP process could not execute the bitfield operation.
Parameters: Bitfield operation, Function name ...

Recommended Action Dump core, then reload the stack.

Error Message IGMP-3-CV_INIT Format: Couldn't init cond var %s

Explanation IGMP process failed to initialize conditional-variable resource.
Parameters: Thread Name ...

Recommended Action Dump core, and then restart component.

Error Message IGMP-3-GET_MAC_ADDR Format: %s failed in %s with error %s

Explanation IGMP process failed in getting mac addr
Parameters: API name, Function name, Error String ...

Recommended Action No action is required.

Error Message IGMP-3-GETRLIMIT_FAILED Format: Address Space size retrieval failed, reason %s

Explanation IGMP process could not retrieve memory resource limit.

Recommended Action No action is required.

Error Message IGMP-3-GROUP_DEL Format: Couldn't delete group entry for %s (%s) due to %s from snooping database

Explanation IGMP failed to delete the snooping-db group entry.
Parameters: Group address, Vlan-id, Failure reason ...

Recommended Action No action is required.

Error Message IGMP-3-GROUP_PREFIX_IGNORE Format: Too many Groups in Group Prefix %s. Specify the prefix within /24

Explanation GPrefix yields too many Groups
Parameters: Group Prefix ...

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message IGMP-3-GROUP_RANGE_IGNORE Format: Too many Groups in Group Range %s - %s

Explanation Group Range yields too many Groups
Parameters: Start Group, End Group ...

Recommended Action No action is required.

Error Message IGMP-3-HA_DB_REBUILD Format: HA run-time database buildup %s

Explanation IGMP-SNOOP stateful restart status
Parameters: State description ...

Recommended Action No action is required.

Error Message IGMP-3-HA_GLOBAL Format: HA %s operation on IGMP snooping global database failed

Explanation IGMP-SNOOP called a PSS API which returned an error.
Parameters: Operation type ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message IGMP-3-HA_GROUP Format: HA %s operation in vlan %d failed for (%s, %s)

Explanation IGMP-SNOOP called a PSS API which returned an error.
Parameters: Operation type, Vlan-id, Group, Source ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message IGMP-3-HA_OIF Format: HA %s operation on OIF %s for (%s, %s) in vlan %d failed

Explanation IGMP-SNOOP called a PSS API which returned an error.
Parameters: Operation type, Interface, Group, Source, Vlan-id ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message IGMP-3-HA_RPORT Format: HA %s operation on router-port %s for vlan %d failed

Explanation IGMP-SNOOP called a PSS API which returned an error.
Parameters: Operation type, Interface, Vlan-id ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

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Error Message IGMP-3-HA_VLAN Format: HA %s operation for vlan %d failed

Explanation IGMP-SNOOP called a PSS API which returned an error.
Parameters: Operation type, Vlan-id ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message IGMP-3-IGMP_INIT Format: IGMP init failed: %s

Explanation IGMP process initialization failed.
Parameters: Failure reason ...

Recommended Action Dump core, and then restart component.

Error Message IGMP-3-IM_API_FAILED Format: %s failed in %s

Explanation IM API failed in MCEC IGMP Snoop.
Parameters: API name, Function name ...

Recommended Action No action is required.

Error Message IGMP-3-INVALID_OIF_LIST Format: IGMP Snooping invalid OIF list %s with %d iods in %s

Explanation IGMP-SNOOP has invalid number of iods.
Parameters: OIF list, OIF count, Function name ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message IGMP-3-LIB_API_FAILED Format: %s failed in %s

Explanation Process failed in invoking IGMP API.
Parameters: API name, Function name ...

Recommended Action No action is required.

Error Message IGMP-3-LIB_MTS_FAILED Format: %s failed in %s, errno: %s

Explanation Process failed to access the IGMP MTS-queue.
Parameters: MTS IPC operation, Function name, Error ID ...

Recommended Action No action is required.

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Error Message IGMP-3-LVPORT_CREATE Format: IGMP Snooping couldn't create an leave-port in %s for group %s

Explanation IGMP-SNOOP called an API which returned an error.
Parameters: Vlan ID, Group address ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message IGMP-3-MALLOC_FAILED Format: %s failed in %s

Explanation IGMP process is out of free memory.
Parameters: Structure type, Function name ...

Recommended Action Configure the network or router to decrease the number of routes.

Error Message IGMP-3-MFDM_NO_BUF Format: Cannot find MFDM buffer from route-ack for xid 0x%x

Explanation IGMP process could not find a route buffer in its queue from the MFDM message, ignored.

Recommended Action No action is required.

Error Message IGMP-3-MTS_BIND Format: Error returned from mts_bind() for %s mts-q, errno: %s

Explanation IGMP called an MTS API which returned an error.
Parameters: MTS Queue name, Error description ...

Recommended Action Dump core, and then restart component.

Error Message IGMP-3-MTS_DROP Format: Error returned from mts_drop() for %s queue, errno: %s

Explanation IGMP called an MTS API which returned an error.
Parameters: MTS Queue name, Error description ...

Recommended Action Dump core, and then restart component.

Error Message IGMP-3-MTS_RECV Format: Error returned from mts_recv() for %s queue, errno: %s

Explanation IGMP called an MTS API which returned an error.
Parameters: MTS Queue name, Error description ...

Recommended Action Dump core, and then restart component.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message IGMP-3-MTS_SEND Format: Error returned from mts_send() for %s queue, errno: %s

Explanation IGMP called an MTS API which returned an error.

Parameters: MTS Queue name, Error description ...

Recommended Action Dump core, and then restart component.

Error Message IGMP-3-MUTEX_INIT Format: Couldn't init mutex %s

Explanation IGMP process failed to initialize mutex system resource.

Parameters: Thread Name ...

Recommended Action Dump core, and then restart component.

Error Message IGMP-3-NO_SET_PRIORITY Format: Failed to set policy or priority

Explanation IGMP process could not set itself process priority, exiting.

Recommended Action No action is required.

Error Message IGMP-3-NO_SHUTDOWN Format: Unable to shutdown %s

Explanation IGMP process unable to shut itself down.

Parameters: Shutdown error information ...

Recommended Action Dump core, and then restart component.

Error Message IGMP-3-PT_ADD Format: Couldn't add element to PT %s

Explanation IGMP failed to update the local snooping-db entry.

Parameters: Patricia tree name ...

Recommended Action No action is required.

Error Message IGMP-3-PT_DEL Format: Couldn't delete element from PT %s

Explanation IGMP failed to delete the local snooping-db entry.

Parameters: Patricia tree name ...

Recommended Action No action is required.

Error Message IGMP-3-PTHREAD_FAILED Format: %s failed in %s for thread %s

Explanation IGMP process failed to create a task thread.

Parameters: Pthread operation, Function name, Thread name ...

Recommended Action Dump core, and then restart component.

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Error Message IGMP-3-PULLUP_FAILED Format: m_pullup() of %d bytes failed in %s

Explanation IGMP process failed to process the packet, dropping it.
Parameters: Byte count, Function name ...

Recommended Action No action is required.

Error Message IGMP-3-QUERIER_START_FAILED Format: %s failed in %s

Explanation IGMP snoop failed to start the querier.
Parameters: Function name, Function name ...

Recommended Action No action is required.

Error Message IGMP-3-RCOUNT_DELETE Format: Route count delete failed for %s

Explanation IGMP called an API which returned an error.
Parameters: Interface ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message IGMP-3-RCOUNT_UPDATE Format: Route count update failed for %s

Explanation IGMP called an API which returned an error.
Parameters: Interface ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message IGMP-3-RESERVE_LIMIT Format: Exceeded reserve-limit for interface %s - dropping

Explanation Exceeded the reserve-limit for interface
Parameters: Interface ...

Recommended Action No action is required.

Error Message IGMP-3-RESTART_REASON Format: IGMP process has restarted, restart reason: %s\n

Explanation IGMP is restoring the routes it had added in previous instance.
Parameters: Restart reason ...

Recommended Action No action is required.

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Error Message IGMP-3-RPORT_UPDATE Format: Router-port update failed for %s (%s)

Explanation IGMP-SNOOP called an API which returned an error.
Parameters: Interface, Vlan ID ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message IGMP-3-SETRLIMIT_FAILED Format: Address space size increment of %ld failed, reason %s

Explanation IGMP process could not set a memory resource limit
Parameters: Number of bytes ...

Recommended Action No action is required.

Error Message IGMP-3-SNOOP_CONFIG_ERROR Format: SNOOP: Couldn't configure %s, please configure %s first.

Explanation IGMP snooping could not configure a parameter because of dependencies
Parameters: Configuring parameter, Dependent parameter ...

Recommended Action No action is required.

Error Message IGMP-3-SOURCE_DEL Format: Couldn't delete source entry for (%s, %s) (%s) due to %s from snooping database

Explanation IGMP failed to delete the snooping-db source entry.
Parameters: Source address, Group address, Vlan-id, Failure reason ...

Recommended Action No action is required.

Error Message IGMP-3-STATE_LIMIT Format: Exceeded state-limit for interface %s - dropping

Explanation Exceeded the state-limit for interface
Parameters: Interface ...

Recommended Action No action is required.

Error Message IGMP-3-SYSMGR_DISPATCH Format: Error returned from sysmgr_dispatch(), errno: %s

Explanation IGMP called the system manager API which returned an error.
Parameters: Error description ...

Recommended Action Dump core, and then restart component.

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Error Message IGMP-3-TIMER_FAILED Format: %s failed for %s in %s

Explanation IGMP process failed to configure a timer event.
Parameters: Timer operation, Timer name, Function name ...

Recommended Action Dump core, and then restart component.

Error Message IGMP-3-TXLIST_CREATE Format: Couldn't create txlist for %s

Explanation IGMP failed to create txlist resource.
Parameters: Data type ...

Recommended Action Dump core, and then restart component.

Error Message IGMP-3-UNKNOWN_MFDM_OPC Format: igmp_snoop_mfdm_main(): received unknown opcode %d

Explanation IGMP process received unknown Interprocess message from MFDM, dropped.
Parameters: Operation code ...

Recommended Action No action is required.

Error Message IGMP-3-UNKNOWN_MTYPE Format: Unknown mtype: %d/%d in %s, opc:%d, from:%s

Explanation IGMP process received unknown Interprocess message, dropped.
Parameters: Major ID, Minor ID, Function name ...

Recommended Action No action is required.

Error Message IGMP-3-VLAN_DEL Format: Couldn't delete vlan entry for %s due to %s from snooping database

Explanation IGMP failed to delete the snooping-db vlan entry.
Parameters: Vlan-id, Failure reason ...

Recommended Action No action is required.

Error Message IGMP-3-VLAN_EXISTS Format: SNOOP: Couldn't create %s, already exists

Explanation IGMP failed to create vlan resource.
Parameters: VLAN ID ...

Recommended Action No action is required.

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Error Message IGMP-3-vPC_API_FAILED Format: %s%s

Explanation API failed in vPC IGMP snoop module.
Parameters: Error message, Error ...

Recommended Action No action is required.

Error Message IGMP-3-vPC_ERROR Format: %s%s

Explanation vPC related messages.
Parameters: vPC related message, Error message ...

Recommended Action No action is required.

Error Message IGMP-3-VRF_CREATE Format: IGMP VRF creation failed for vrf %s

Explanation IGMP process could not create the VRF context.
Parameters: VRF name ...

Recommended Action Dump core, then reload the stack.

IGMP-5

Error Message IGMP-5-SNOOP_LOOKUP_MAC_FOR_ALL Format: Changed to MAC based lookup for ALL vlans\n

Explanation If a vlan lookup mode is MAC and vdc-mode is changed to mixed from non-mixed, lookup mode is changed to MAC for ALL VLANs.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

IGMP-6

Error Message IGMP-6-AS_LIMIT_INCREASED Format: Address space size for %s increased %d times

Explanation IGMP process incremented AS memory resource limit
Parameters: Module name, Increment count ...

Recommended Action No action is required.

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Error Message IGMP-6-HA_SEQNO_SYNC Format: HA sequence number sync to standby failed, %s

Explanation IGMP-SNOOP HA sequence number synchronization to standby failed
Parameters: Error description ...

Recommended Action No action is required.

Error Message IGMP-6-HA_STATEFUL Format: Stateful HA %s

Explanation IGMP-SNOOP stateful restart status
Parameters: State description ...

Recommended Action No action is required.

Error Message IGMP-6-HA_SYNC Format: HA sync to standby failed, %s

Explanation IGMP-SNOOP HA synchronization message to standby failed
Parameters: Error description ...

Recommended Action No action is required.

Error Message IGMP-6-RECEIVE_QUERY Format: Received %s interface %s from %s

Explanation IGMP version mismatch, query still processed.
Parameters: IGMP version mismatch, Interface, Source address ...

Recommended Action No action is required.

Error Message IGMP-6-RESERVE_LIMIT_WARNING Format: Exceeded 80% of the reserve-limit for interface %s

Explanation Exceeded 80% of the reserve-limit for interface
Parameters: Interface ...

Recommended Action No action is required.

Error Message IGMP-6-RESTART_SHUTDOWN Format: IGMP shutting self down via restart command

Explanation IGMP process is shutting itself down due to the restart command.

Recommended Action No action is required.

Error Message IGMP-6-SHUTDOWN Format: IGMP shutting self down

Explanation IGMP process is shutting itself down.

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message IGMP-6-STATE_LIMIT_WARNING Format: Exceeded 80% of the state-limit for interface %s

Explanation Exceeded 80% of the state-limit for interface
Parameters: Interface ...

Recommended Action No action is required.

Error Message IGMP-6-UNKNOWN_OPC Format: Received unknown mts opcode %d

Explanation IGMP process received unknown Interprocess message, dropped.
Parameters: Operation Code ...

Recommended Action No action is required.

Error Message IGMP-6-vPC_INFO Format: %s%s

Explanation vPC related messages.
Parameters: vPC related message, Info message ...

Recommended Action No action is required.

IM Messages

This section contains the IM messages.

IM-2

Error Message IM-2-AM_GETPIB Format: Unable to get pib from AM (pibName %s)

Explanation Could not initialize with Adjacency Manager.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message IM-2-APIINIT Format: Unable to initialize %s API

Explanation Could not initialize server APIs.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message IM-2-APILAUNCH Format: Unable to start %s

Explanation Could not start the specified protocol component.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

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Error Message IM-2-APIREGISTER Format: Unable to register with %s API

Explanation Could not register with specified server component.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message IM-2-ATTACH Format: Unable to attach to %s

Explanation Could not attach to server shared memory.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message IM-2-BADTUN Format: Bad tunnel type

Explanation Could not set the tunnel to specified type.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message IM-2-BFCLEAR Format: Cannot clear bit %d in %s

Explanation Could not clear a bit in the specified bitfield.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message IM-2-BFCLEARALL Format: Cannot clear all bits in %s

Explanation Could not clear all in the specified bitfield.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message IM-2-BFCREATE Format: Cannot create %s

Explanation Could not create specified bitfield.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message IM-2-BFFULL Format: Bit field %s is full

Explanation Specified bitfield does not have any available space.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message IM-2-BFINIT Format: %s

Explanation Specified bitfiled could not be initialized.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

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Error Message IM-2-BFSET Format: Cannot set bit %d in %s

Explanation Could not set a bit in the specified bitfield.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message IM-2-BFSETALL Format: Cannot set all bits in %s

Explanation Could not set all bits in the specified bitfield.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message IM-2-CLICOMMANDSINIT Format: CLI commands could not be requested

Explanation Request to CLI server for IM commands failed.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message IM-2-CLT_GET_DRVINDICES Format: Could not get driver indices

Explanation Could not calculate the total number of interface driver components.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message IM-2-CLTREGISTER Format: Client %s registration failed, %s

Explanation IM client could not be registered due to specified reason.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message IM-2-CLTUNREGISTER Format: Client %s deregister failed, %s

Explanation IM client could not be deregistered due to specified reason.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message IM-2-DSTADDPT Format: Could not add tunnel node to dest PT, reason %d

Explanation Could not add the tunnel destination information to the internal data structure
Recommended action: Use the 'restart' command to restart the feature and clear this problem.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

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Error Message IM-2-GETCONTEXT Format: Unable to get context from URIB (contextname: %s)

Explanation Could not initialize with URIB server.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message IM-2-INTTIMER Format: Interface %s, %s failed

Explanation Interface related timer could not be started.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message IM-2-MQOPEN Format: unable to open mq %s: %s

Explanation The system is unable to open the specified message queue.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message IM-2-NHADDPT Format: Could not add tunnel next-hop information to PT, reason %d

Explanation Could not add the next-hop information for the tunnel to the internal data structure.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message IM-2-NOMEM Format: Malloc (%ld) failed for: %s

Explanation Memory allocation failed for the specified structure. We are running out of memory.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message IM-2-PTHREAD Format: procket_pthread_create failed for %s: error %d

Explanation Could not create new thread.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message IM-2-SHMCREATE Format: Cannot create shared memory, reason %d

Explanation IM is unable to create shared memory resources.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

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Error Message IM-2-SUPER_MEMBER_MISMATCH Format: super member: count %d, actual %d

Explanation Super interface member list is corrupted.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message IM-2-SYSMGRNOTIFY Format: sysmgr notification for %s failed

Explanation Request for sysmgr notification for the specified component failed.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message IM-2-TIMER Format: %s failed

Explanation Operation on the specified timer failed.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message IM-2-TXLIST_BAD_OBJTYPE Format: Bad txlist object type %d

Explanation Unknown object type encountered in the transmit list. It could be indication of corrupted transmit list.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message IM-2-TXLIST_CREATE Format: %s

Explanation Could not create transmit list.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message IM-2-TXLIST_DELETE_MEMBER Format: txlist delete member failed for element %d

Explanation Could not remove client from the transmit list.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message IM-2-TXLIST_INSERT_ELEMENT Format: txlist insert element failed for iod %d

Explanation Could not insert interface in the transmit list.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

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Error Message IM-2-TXLIST_INSERT_MEMBER Format: txlist insert member failed for client %s

Explanation Could not insert client in the transmit list.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message IM-2-TXTHREAD_INIT Format: %s

Explanation Could not initialize transmit list thread.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message IM-2-URIB_GETPIB Format: Unable to get pib from URIB (pib 0x%p, pibName %s, context 0x%p, contexname %s)

Explanation Could not initialize with URIB server.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message IM-2-URIBRNH Format: URIB %s RNH failed for address %s

Explanation Could not setup request for RNH notification with URIB.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message IM-2-WORKQ_ADD Format: Failed to add %s to work queue

Explanation Could not add the work item to the queue for worker thread.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message IM-2-WORKQ_INIT Format: Failed to initialize work queue

Explanation Failed to initialize work queue.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message IM-2-WORKQ_SYSMGR Format: %s is no longer alive, returning from %s

Explanation Server component is going down. Cannot do any more work for that server.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message IM-2-WORKQ_WAIT Format: Error while waiting for work event, %d

Explanation Error while waiting for events in the worker thread.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

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IM-3

Error Message IM-3-CLT_DIFF_EPID Format: epids differ, old %u, new %u

Explanation An older instance of the client is already registered with IM. The new instance will overwrite the old one.

Recommended Action No action is required.

Error Message IM-3-CLTCLEAREXT Format: Client %s clear extension failed, %s

Explanation IM could not clear client extension for the specified interface.

Recommended Action No action is required.

Error Message IM-3-CLTEXTISTS Format: Client %s is already registered with IM via queue %s

Explanation An older instance of the client is already registered with IM. The new instance will overwrite the old one.

Recommended Action No action is required.

Error Message IM-3-CLTSETEXT Format: Client %s set extension failed, %s

Explanation IM could not set client extension for the specified interface.

Recommended Action No action is required.

Error Message IM-3-DFBADCLASS Format: Bad debug filter class 0x%x

Explanation Invalid class of debug filters.

Recommended Action No action is required.

Error Message IM-3-ETH_BAD_STATS Format: snmp ether stats bad stats

Explanation Could not get interface statistics.

Recommended Action No action is required.

Error Message IM-3-ETH_STATS_REQ Format: snmp ether stats bad send

Explanation Request to Ethernet driver to update statistics failed. This would lead to incorrect interface statistics value.

Recommended Action No action is required.

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Error Message IM-3-HEAP_SIZE_ERROR Format: Increase of heap size from %d to %d failed: %s

Explanation IM could not increase the size of the heap.

Recommended Action No action is required.

Error Message IM-3-IF_CHANGE_MASK_UNKNOWN Format: Unknown if change mask for interface %s %s

Explanation Undefined change mask has been specified for the given interface.

Recommended Action No action is required.

Error Message IM-3-IMTLV_BAD_MSGTYPE Format: IM bad tlv message type %d

Explanation Unknown message TLV encountered.

Recommended Action No action is required.

Error Message IM-3-INTADD Format: Interface %s addition failed, %s

Explanation Interface could be created due to specified reason.

Recommended Action No action is required.

Error Message IM-3-INTADDEXIST Format: Interface %s addition failed, %d already exists

Explanation Interface currently being added already exists.

Recommended Action No action is required.

Error Message IM-3-INTADDFULL Format: Interface %s addition failed, Max. number of interfaces exceeded

Explanation Interface could not be configured as Interface Manager has reached its maximum capacity.

Recommended Action No action is required.

Error Message IM-3-INTADDIFMSG Format: Could not process add interface %lx, %lx, %s

Explanation Received a corrupted message from interface driver.

Recommended Action No action is required.

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Error Message IM-3-INTADDPT Format: Interface %s addition failed, phyloc tree addition, reason %d

Explanation New interface could not added to internal data structure.

Recommended Action No action is required.

Error Message IM-3-INTBAD Format: Invalid interface %d for %s

Explanation Specified action cannot be take on the interface.

Recommended Action No action is required.

Error Message IM-3-INTDAMPINIT Format: Interface %s, could not initialize dampening

Explanation Interface dampening could not be initialized.

Recommended Action No action is required.

Error Message IM-3-INTDEL Format: Interface %s deletion failed, %s

Explanation Interface could not be deleted due to specified reason.

Recommended Action No action is required.

Error Message IM-3-INTDELIFMSGMASK Format: Could not process delete interface %lx bad mask %lx

Explanation Received a corrupted message from interface driver.

Recommended Action No action is required.

Error Message IM-3-INTLSMSG Format: Could not process link state message %lx, %lx, %s

Explanation Received a corrupted message from interface driver.

Recommended Action No action is required.

Error Message IM-3-MQSEND Format: mq_send() error %s while sending %s queue: %s

Explanation Specified message could not be sent to the IM client.

Recommended Action No action is required.

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Error Message IM-3-MQUNEXPECT Format: Recieved unexpected message (%d/%d) on %s queue

Explanation Received an unexpected message on the specified message queue.

Recommended Action No action is required.

Error Message IM-3-MSGPROC Format: Could not process %s message from pid %d

Explanation Specified client request could not be completed.

Recommended Action No action is required.

Error Message IM-3-MTS_DROP Format: Error returned from mts_drop(), errno: %s

Explanation IM called an MTS API which returned an error.

Recommended Action No action is required.

Error Message IM-3-MTS_RECV Format: Error returned from mts_recv(), errno: %s

Explanation IM called an MTS API which returned an error.

Recommended Action No action is required.

Error Message IM-3-NO_INTF_BLOCK Format: Interface block not found while processing %s, iod %d

Explanation Interface related internal data structure could be found.

Recommended Action No action is required.

Error Message IM-3-SNMPAPIDATA Format: Message data is NULL

Explanation SNMP message does not have memory to store data.

Recommended Action No action is required.

Error Message IM-3-SNMPAPIINIT Format: Function snmpd_api_init() was not invoked

Explanation SNAMP API is being invoked before it initialization.

Recommended Action No action is required.

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Error Message IM-3-SNOMEM Format: Smalloc (%ld) failed for: %s

Explanation Shared memory allocation failed. We are running out of shared memory resources.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message IM-3-SONETINTTIMERFAIL Format: Sonet interval timer %s failed on %s

Explanation Specified timer could be initialized.

Recommended Action No action is required.

Error Message IM-3-STATS_NODE_BAD Format: Invalid stats node for %s

Explanation Encountered invalid request to get/clear statistics.

Recommended Action No action is required.

Error Message IM-3-STATS_NODE_NOT_FOUND Format: Could not find stats node for %s

Explanation Could not find the internal data structure.

Recommended Action No action is required.

Error Message IM-3-STATSQ_INIT Format: Failed to initialize stats queue

Explanation An internal software error occurred.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message IM-3-VLANADDPT Format: Could not add Vlan information in tree, reason %d

Explanation VLAN interface information could not be added to internal data structure due to specified reason.

Recommended Action No action is required.

IM-6

Error Message IM-6-LINEPROTO Format: Line protocol on interface %s changed to state %s

Explanation Line protocol on the specified interface has changed.

Recommended Action No action is required.

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Error Message IM-6-MTS_UNKNOWN_MSG Format: Received unknown MTS message with opcode %d, dropping it

Explanation IM received an unknown MTS message. The message is dropped.

Recommended Action No action is required.

IP Messages

This section contains the IP messages.

IP-2

Error Message IP-2-CRIT_FAILURE Format: Failed to %s

Explanation A critical operation has failed in the IP process.

Recommended Action Dump core, and then restart component.

Error Message IP-2-IP_STARTUP_FAILURE Format: Failed to %s during startup. error %d

Explanation A critical operation has failed during startup of the IP process.

Recommended Action No action is required.

IP-3

Error Message IP-3-CV_INIT Format: Couldn't init cond var %s

Explanation IP process failed to initialize conditional-variable resource.
Parameters: Thread Name ...

Recommended Action Dump core, and then restart component.

Error Message IP-3-INVALID_IF_INDEX Format: Invalid interface index received from %d

Explanation Invalid interface index received
Parameters: Thread Name ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message IP-3-IP_CLIENT_GET Format: HA client filter recovery failed (%d)

Explanation HA client filter recovery failed.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message IP-3-IP_CLNT_FAILURE Format: Invalid IP registration reply. Message major type %d, minor type %d

Explanation An IP client has failed in the registration process with IP.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message IP-3-IP_FAILURE Format: Failed to %s

Explanation A critical operation has failed in the IP process.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message IP-3-IP_HA_UPDATE Format: HA update failed (%d)

Explanation HA update failed.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message IP-3-IP_INTERNAL_ERROR Format: %s

Explanation An internal error has occurred in the IP process.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message IP-3-IP_MSG_TO_TLV Format: TLV Conversion failed (%d)

Explanation TLV conversion failed.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message IP-3-IP_MTSDROP Format: Error returned from mts_drop(), errno: %s

Explanation IP called an MTS API which returned an error.

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message IP-3-IP_MTSRECV Format: Error returned from mts_recv(), errno: %s

Explanation IP called an MTS API which returned an error.

Recommended Action No action is required.

Error Message IP-3-IP_MTSEND Format: Error returned from mts_send(), errno: %s

Explanation IP called an MTS API which returned an error.

Recommended Action No action is required.

Error Message IP-3-IP_NO_MBUF Format: Failed to allocate mbuf %s

Explanation The IP process has run out of network buffers.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message IP-3-IP_NO_MEM Format: Failed to allocate private memory for %s

Explanation The IP process has run out of private memory.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message IP-3-IP_THR_CREATE Format: Failed to create %s thread. error %d

Explanation A failure occurred while creating a thread.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message IP-3-IP_TLV_TO_STRUCT Format: TLV to Struct Conversion failed (%d)

Explanation TLV to Struct conversion failed.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message IP-3-IP_UNK_MSG Format: Unrecognized message major type %d, minor type %d

Explanation An unknown message was received from another process.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message IP-3-MRIB_ADD_ROUTE Format: MRIB add route failed in %s for VRF %s

Explanation IP failed to add route in MRIB.
Parameters: Function Name, Context Name ...

Recommended Action No action is required.

Error Message IP-3-MRIB_DELETE_ROUTE Format: MRIB delete route failed in %s for VRF %s

Explanation IP failed to delete route from MRIB.
Parameters: Function Name, Context Name ...

Recommended Action No action is required.

Error Message IP-3-MV_INIT Format: Couldn't init mutex %s

Explanation IP process failed to initialize mutex system resource.
Parameters: Thread Name ...

Recommended Action Dump core, and then restart component.

Error Message IP-3-NO_SH_MEM Format: Failed to allocate shared memory %s

Explanation The IP process has run out of shared memory.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message IP-3-TXLIST_CREATE Format: Couldn't create txlist for %s

Explanation IP failed to create txlist resource.
Parameters: Data type ...

Recommended Action Dump core, and then restart component.

Error Message IP-3-URIB_ERR Format: Failed to %s urib

Explanation A failure occurred in a transaction with URIB.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Send document comments to nexus7k-docfeedback@cisco.com

IP-5

Error Message IP-5-INVALID_NOTIFY Format: Received invalid notification message

Explanation UNEXPECTED_ERROR_EXPLANATION.

Recommended Action No action is required.

IP-6

Error Message IP-6-BAD_ICMP_PKT Format: Received ICMP packet with bad length (%d).
Min len %d, Adv len %d, IP hdr length %d, Expected IP hdr len %d

Explanation An ICMP packet was received with a bad length.

Recommended Action No action is required.

Error Message IP-6-IM_ERROR Format: Failed to get correct information for interface
%s %d

Explanation IP could not get the requested information from interface-mgr.

Recommended Action No action is required.

Error Message IP-6-IM_RECOVER_ERROR Format: Failed to recover correct information
for interface %s %d

Explanation IP could not recover the information for interface.

Recommended Action No action is required.

Error Message IP-6-IP_MTS_UNKNOWN_MSG Format: Received unknown MTS message with
opcode %d, dropping it

Explanation IP received an unknown message. The message is dropped.

Recommended Action No action is required.

Error Message IP-6-IP_UNK_MSG_MAJOR Format: Unrecognized message from %s. Major
type %d

Explanation An unknown message (major) was received from another process.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message IP-6-IP_UNK_MSG_MINOR Format: Unrecognized message from %s. Minor type %d

Explanation An unknown message (mior) was received from another process.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message IP-6-MQ_FLUSH Format: Flushing %d messages from the MRIB message queue

Explanation The MRIB message queue was flushed after a restart of the IP process.

Recommended Action No action is required.

Error Message IP-6-REG_SEND_MSG Format: Suppress PIM Data Register for (%s, %s) due to suppression-timer\n

Explanation Suppress PIM Data Register due to suppression-timer.

Parameters: Source address, Group address ...

Recommended Action No action is required.

Error Message IP-6-STATS_ERROR Format: Failed to get hardware statistics for interface %s, reason %s

Explanation IP could not get the requested statistics from the hardware.

Recommended Action No action is required.

Error Message IP-6-SYSMAN_CLEANUP Format: Terminated by SYSMAN cleanup signal %d

Explanation The system Manager sent a cleanup signal to IP to exit the process.

Recommended Action No action is required.

IPV6 Messages

This section contains the IPV6 messages.

IPV6-2

Error Message IPv6-2-RECURSIVE_LOOP Format: Recursive loop in %s

Explanation There is a recursive function calling loop.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message IPv6-2-SDB_CREAT Format: Failed to create shared database

Explanation Component API call failed in IPv6.

Recommended Action No action is required.

Error Message IPv6-2-SDB_DESTROY Format: Failed to destroy shared database

Explanation Component API call failed in IPv6.

Recommended Action No action is required.

Error Message IPv6-2-SDB_OPEN Format: Failed to open shared database

Explanation Component API call failed in IPv6.

Recommended Action No action is required.

IPv6-3

Error Message IPv6-3-BAD_CONTEXT Format: Bad context-id %d in %s

Explanation The context cannot be found.

Recommended Action No action is required.

Error Message IPv6-3-FRAME_GT_PAYLOAD Format: Frame length: %d greater than payload length: %d plus IPv6 header length, truncating packet received on interface %s

Explanation Mismatch in the packet's frame length and payload field, trimmed.

Recommended Action No action is required.

Error Message IPv6-3-FRAME_LENGTH_LONG Format: Frame length: %d greater than maximum IPv6 payload size for packet received on interface %s

Explanation The packet has too big frame length, dropped.

Recommended Action No action is required.

Error Message IPv6-3-FRAME_LENGTH_SHORT Format: Frame length: %d less than IPv6 payload length: %d for packet received on interface %s

Explanation The packet has invalid frame length, dropped.

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message IPv6-3-GET_PIB_FAILED Format: %s failed in %s

Explanation IPv6 could not find client's PIB handle.

Recommended Action No action is required.

Error Message IPv6-3-INVALID_VERSION Format: Invalid IPv6 version: %d for packet received on interface %s

Explanation The packet has invalid protocol version field, dropped.

Recommended Action No action is required.

Error Message IPv6-3-IPV6_API_FAILED Format: %s failed in %s

Explanation Component API call failed in IPv6.

Recommended Action No action is required.

Error Message IPv6-3-IPV6_CV_INIT Format: Couldn't init cond var %s

Explanation IPv6 process failed to initialize conditional-variable resource.
Parameters: Thread Name ...

Recommended Action Dump core, and then restart component.

Error Message IPv6-3-IPV6_MSG_TO_TLV Format: TLV Conversion failed (%d)

Explanation TLV conversion failed.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message IPv6-3-IPV6_MTS_DROP Format: Error returned from mts_drop(), errno: %s

Explanation IPv6 called an MTS API which returned an error.

Recommended Action Dump core, and then restart component.

Error Message IPv6-3-IPV6_MTS_RECV Format: Error returned from mts_recv(), errno: %s

Explanation IPv6 called an MTS API which returned an error.

Recommended Action Dump core, and then restart component.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message IPv6-3-IPV6_MTS_UNKNOWN_MSG Format: Received unknown MTS message with opcode %d, dropping it

Explanation IPv6 received an unknown message. The message is dropped.

Recommended Action No action is required.

Error Message IPv6-3-IPV6_MV_INIT Format: Couldn't init mutex %s

Explanation IPv6 process failed to initialize mutex system resource.
Parameters: Thread Name ...

Recommended Action Dump core, and then restart component.

Error Message IPv6-3-IPV6_TLV_TO_STRUCT Format: TLV to Struct Conversion failed (%d)

Explanation TLV to Struct conversion failed.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message IPv6-3-IPV6_TXLIST_CREATE Format: Couldn't create txlist for %s

Explanation IPv6 failed to create txlist resource.
Parameters: Data type ...

Recommended Action Dump core, and then restart component.

Error Message IPv6-3-M6RIB_ADD_ROUTE Format: M6RIB add route failed in %s for VRF %s

Explanation IP failed to add route in M6RIB.
Parameters: Function Name, Context Name ...

Recommended Action No action is required.

Error Message IPv6-3-MALLOC_FAILED Format: %s failed in %s

Explanation IPv6 process is out of free memory.

Recommended Action No action is required.

Error Message IPv6-3-MALLOC_FAILED_PREFIX Format: %s failed in %s for %s

Explanation IPV6 process is out of free memory.

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message IPv6-3-MBUF_FAILED Format: %s failed in %s (%d bytes)

Explanation IPv6 process is out of mbufs.

Recommended Action No action is required.

Error Message IPv6-3-MQ_FAILED Format: %s failed in %s, errno: %s

Explanation IPv6 failed to access message-queue resource.

Recommended Action No action is required.

Error Message IPv6-3-MQ_FAILED_NAME Format: %s failed in %s for client %s, errno: %s

Explanation IPv6 failed to access message-queue resource for the client.

Recommended Action No action is required.

Error Message IPv6-3-MQ_FAILED_PID Format: %s failed in %s to client pid: %d, errno: %s

Explanation IPv6 failed to access message-queue resource for the client.

Recommended Action No action is required.

Error Message IPv6-3-MTS_FAILED Format: %s failed in %s, errno: %s

Explanation IPv6 failed to access mts-queue resource.

Recommended Action No action is required.

Error Message IPv6-3-MTS_FAILED_NAME Format: %s failed in %s for client %s, errno: %s

Explanation IPv6 failed to access mts-queue resource for the client.

Recommended Action No action is required.

Error Message IPv6-3-MTS_FAILED_PID Format: %s failed in %s to client pid: %d, errno: %s

Explanation IPv6 failed to access mts-queue resource for the client.

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message IPv6-3-NO_PIB Format: IPv6 PIB not found for pid: %d/%d

Explanation IPv6 could not find client's PIB handle.

Recommended Action No action is required.

Error Message IPv6-3-PID_CONFLICT Format: Client is using pid: %d/%d with different extended pid: %d

Explanation Multiple clients have same process ids.

Recommended Action No action is required.

Error Message IPv6-3-PTHREAD_FAILED Format: %s failed for %s in %s

Explanation IPv6 process failed to create a task thread.

Recommended Action Dump core, then reload the stack.

Error Message IPv6-3-REG_FAILED Format: Failed to register with IPv6

Explanation Component API call failed in IPv6.

Recommended Action No action is required.

Error Message IPv6-3-SYSMGR_DISPATCH Format: Error returned from sysmgr_dispatch(), errno: %s

Explanation IPv6 called the system manager API which returned an error.

Recommended Action Dump core, and then restart component.

Error Message IPv6-3-U6RIB_BAD_IPC Format: U6RIB corrupted IPC message suspected

Explanation IPv6 process received invalid IPC message from U6RIB.

Recommended Action No action is required.

Error Message IPv6-3-UNKNOWN_MTYPE Format: Unknown mtype: %d/%d opcode %d in %s

Explanation IPv6 process received unknown Interprocess message, dropped.

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

IPV6-6

Error Message IPv6-6-IPV6_STATS_ERROR Format: Failed to get hardware statistics for interface %s, reason %s

Explanation IPv6 could not get the requested statistics from the hardware.

Recommended Action No action is required.

Error Message IPv6-6-v6_REG_SEND_MSG Format: Suppress PIM6 Data Register for (%s, %s) due to suppression-timer\n

Explanation Suppress PIM6 Data Register due to suppression-timer.
Parameters: Source address, Group address ...

Recommended Action No action is required.

ISIS Messages

This section contains the ISIS messages.

ISIS-2

Error Message ISIS-2-AVL_FAIL Format: Add to CSNP cache failed: %s - %s

Explanation An unexpected but recoverable event has occurred.
Parameters: Start LSP-ID, End LSP-ID ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message ISIS-2-HOLDDOWN Format: Failed to enable process after sequence number wrap holddown.

Explanation An unexpected but recoverable event has occurred.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message ISIS-2-IIB_EXT Format: %s extension msg for %s (%d) - %s

Explanation An unexpected but recoverable event has occurred.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message ISIS-2-IM_DEL Format: Delete msg for %s (%d) iib %p - iib iod %d mismatched

Explanation An unexpected but recoverable event has occurred.

Parameters: Interface Name, Interface Ordinal, Interface Memory, Interface Memory Ordinal Value ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message ISIS-2-LSP_FREE_DELINK Format: L%d %s is not on free list

Explanation An unexpected but recoverable event has occurred.

Parameters: Level, LSP-ID ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message ISIS-2-LSP_FREE_LINK Format: L%d %s is already on free list

Explanation An unexpected but recoverable event has occurred.

Parameters: Level, LSP-ID ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message ISIS-2-MCAST_ADD Format: Failed to add L%d multicast address

Explanation Was unable to join to the appropriate multicast group on an interface.

Parameters: Level ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message ISIS-2-MEM_ERR Format: Insufficient memory for %s

Explanation Memory is not available for adding SNP entries

Parameters: Reason ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message ISIS-2-MQRCVD Format: %s thread - message queue receive failure <%d>

Explanation An unexpected but recoverable event has occurred.

Parameters: Thread Name, Error Number ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message ISIS-2-REDIST_PIB_SHM Format: Failed to attach to redistributing PIB's SHM %s

Explanation An unexpected but recoverable event has occurred.
Parameters: PIB Name ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message ISIS-2-ROUTE_BUF_OVERFLOW Format: %s route buffer overflow at entry %lu\n

Explanation An unexpected but recoverable event has occurred.
Parameters: Address Family, Counter Location ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message ISIS-2-ROUTE_NOTIFY Format: Route notifications to the RIB are not possible. This will result in stale state in the FIB.

Explanation An unexpected but recoverable event has occurred.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message ISIS-2-RUNTIME_CLEANUP_FAILURE Format: Unexpected runtime cleanup failure. Failed to %s

Explanation An unexpected software error has occurred while cleaning up a sub-component.
Parameters: Reason ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message ISIS-2-RUNTIME_INIT_FAILURE Format: Unexpected runtime initialization failure. Failed to %s

Explanation An unexpected software error has occurred while initializing a sub-component.
Parameters: Reason ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message ISIS-2-STARTUP_FAILURE Format: Startup failure: Failed to %s

Explanation An unrecoverable software error has occurred during startup.
Parameters: Reason ...

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message ISIS-2-SUM_DIST Format: sum-addr %s/%d has zero route-dist candidate count

Explanation An unexpected but recoverable event has occurred.
Parameters: Summary Address Prefix, Summary Address Mask ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message ISIS-2-TLV_MIGRATE Format: L%d %s still has TLV during migration

Explanation An unexpected but recoverable event has occurred.
Parameters: Level, LSP-ID ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message ISIS-2-URIB_ADD_RNH_FAILURE Format: Cannot add RNH to %s

Explanation An unexpected but recoverable event has occurred.
Parameters: RIB Address Family ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message ISIS-2-URIB_UPDATE Format: Failed to notify SPF thread about route update buffer availability

Explanation An unexpected but recoverable event has occurred.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

ISIS-3

Error Message ISIS-3-AVL_LOOKUP Format: Can't locate CSNP fragment for %s

Explanation SNP cache may get cleaned up during normal operation
Parameters: LSP-ID ...

Recommended Action No action is required.

Error Message ISIS-3-BFD_SESSION_REMOVE Format: Failed to remove BFD session, error %s

Explanation The system is unable to remove BFD sessions.
Parameters: The system Error ...

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message ISIS-3-ISIS_HA_PSS Format: HA Persistent-store failure for %s %s: %s

Explanation A software error has occurred during HA. Stateful HA recovery will be disabled.

Recommended Action No action is required.

Error Message ISIS-3-LSP_REFRESH Format: Refresh non-self-originated level-%d LSP %s

Explanation An unexpected but recoverable event has occurred.

Parameters: Level, LSP-ID ...

Recommended Action No action is required.

Error Message ISIS-3-MBUF_COPY Format: Error 0x%08x copy %hu bytes packet from %s%s

Explanation An unexpected but recoverable event has occurred.

Recommended Action No action is required.

Error Message ISIS-3-MCAST_DEL Format: Failed to remove L%d multicast address

Explanation Was unable to leave from the appropriate multicast group on an interface.

Parameters: Level ...

Recommended Action No action is required.

Error Message ISIS-3-MTS Format: Error returned from MTS operation %s, errno: %s

Explanation ISIS called an MTS API which returned an error.

Parameters: Operation Description, Error Number ...

Recommended Action Dump core, and then restart component.

Error Message ISIS-3-MTS_DROP Format: Error returned from mts_drop(), errno: %s

Explanation ISIS called an MTS API which returned an error.

Parameters: Error Number ...

Recommended Action Dump core, and then restart component.

Error Message ISIS-3-MTS_RECV Format: Error returned from mts_recv(), errno: %s

Explanation ISIS called an MTS API which returned an error.

Parameters: Error Number ...

Recommended Action Dump core, and then restart component.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message ISIS-3-NO_HELPER_IIB Format: No helper iib for %s

Explanation An unexpected but recoverable event has occurred.
Parameters: LSP-ID ...

Recommended Action No action is required.

Error Message ISIS-3-NOTIFY_THREAD Format: Failed to notify %s thread - Reschedule

Explanation An unexpected but recoverable event has occurred.
Parameters: Thread Name ...

Recommended Action No action is required.

Error Message ISIS-3-OTV_INFO Format: Failed to retrieve OTV %s info %s

Explanation The system is unable to retrieve OTV information.

Recommended Action No action is required.

Error Message ISIS-3-OTV_SITE_CAP Format: Failed to add/remove otv site/net-id capability conf check, error %s

Explanation The system is unable to add conf check.

Recommended Action No action is required.

Error Message ISIS-3-PIB_UP Format: Failed to bring up protocol

Explanation An unexpected but recoverable event has occurred.

Recommended Action No action is required.

Error Message ISIS-3-PT_ADD Format: Couldn't add entry to %s PT

Explanation ISIS failed to update a local database entry.
Parameters: Entry name, Database name ...

Recommended Action No action is required.

Error Message ISIS-3-PT_DEL Format: Couldn't delete entry for %s from %s PT

Explanation ISIS failed to delete an entry from a local database.
Parameters: Entry name ...

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message ISIS-3-RPM_CALLBACK Format: RPM Callback handle and/or user data missing

Explanation An attempt to obtain RPM Keychain information failed.

Recommended Action No action is required.

Error Message ISIS-3-SELF_LSP_CLEANUP Format: Cleanup L%d LSP %s with non-null TLV list

Explanation An unexpected but recoverable event has occurred.
Parameters: Level, LSP-ID ...

Recommended Action No action is required.

Error Message ISIS-3-SLAB_ALLOC Format: Slab alloc of type %s failed for %s

Explanation ISIS process failed to allocate Slab memory.
Parameters: Structure Type, Function Name ...

Recommended Action Configure the network or router to decrease the number of routes.

Error Message ISIS-3-SPF_ADJ_DEL Format: Deleting SPF adj with refcount %lu\n

Explanation An unexpected but recoverable event has occurred.
Parameters: RefCount ...

Recommended Action No action is required.

Error Message ISIS-3-SWID_UPDATE Format: Switch-ID table update failed for %s

Explanation ISIS process failed to update Switch-ID database.
Parameters: The system ID ...

Recommended Action Configure the network or router to decrease the number of routes.

Error Message ISIS-3-UNK_DEB_FLAG Format: Ignore unrecognized debug flag %s\

Explanation An unexpected but recoverable event has occurred.
Parameters: Debug Flag ...

Recommended Action No action is required.

Error Message ISIS-3-UNK_IP_NOTIF Format: Unrecognized IP address change notification type %lu

Explanation An unexpected but recoverable event has occurred.
Parameters: IP Notification Type ...

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message ISIS-3-UNK_LSP_TIMER Format: Unrecognized LSP timer type %d for level-%d LSP %s

Explanation An unexpected but recoverable event has occurred.
Parameters: Timer Type, Level, LSP-ID ...

Recommended Action No action is required.

Error Message ISIS-3-UNK_MSG_MAJOR Format: %s thread - Unrecognized message major type %d

Explanation An unexpected but recoverable event has occurred.
Parameters: Thread Name, Message Major Type ...

Recommended Action No action is required.

Error Message ISIS-3-UNK_MSG_MINOR Format: Unrecognized %s message minor type %d

Explanation An unexpected but recoverable event has occurred.
Parameters: Component, Message Minor Type ...

Recommended Action No action is required.

Error Message ISIS-3-UNK_MTS_OPC Format: %s thread - Unrecognized MTS opcode %d

Explanation An unexpected but recoverable event has occurred.
Parameters: Thread Name, MTS Opcode ...

Recommended Action No action is required.

Error Message ISIS-3-UNK_SYSMGR_NOTIFY Format: Unexpected registration received from process %u

Explanation An unexpected but recoverable event has occurred.
Parameters: Base Process UUID ...

Recommended Action No action is required.

Error Message ISIS-3-VLAN_MGR Format: Error in parsing %s message from VLAN Manager

Explanation An unexpected but recoverable event has occurred.
Parameters: Message Type ...

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message ISIS-3-WEIRD_CACHE Format: Inconsistent cache %x %s %s

Explanation An unexpected but recoverable event has occurred.
Parameters: Cache Memory Location, Start LSP-ID, End LSP-ID ...

Recommended Action No action is required.

ISIS-4

Error Message ISIS-4-ADD_DEL_URIIB_ERR Format: Failed to %s %lu %s route(s) xid %lu to URIIB

Explanation IS-IS failed to update route information into URIIB
Parameters: Add/Delete, Route Count, Route Type, Transaction ID ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message ISIS-4-ADD_UNK_NH_ADDR Format: Attempt to add for L%d %s/%d on %s with unknown (zero) NH address

Explanation IS-IS has detected one or more routers at the same level to have a different set of address families enabled.
Parameters: Level, Address Prefix, Mask, Interface Name ...

Recommended Action Configure all IS-IS routers at the same level to have the same address families enabled using the command address-family ip/ipv6 unicast.

Error Message ISIS-4-ADJ_ADVT Format: Failed to advertise level %d adjacency %s

Explanation IS-IS was unable to advertise the indicated adjacency.
Parameters: Level,Adjacency ID ...

Recommended Action No action is required.

Error Message ISIS-4-ILLEGAL_PREFIX Format: Ignore internal L%d route %s/%d with external metric from %s

Explanation IS-IS has detected an internal route advertised with external metric, which is an illegal combination, by a router within the network
Parameters: Level, Address Prefix, Mask, LSP Id ...

Recommended Action You must correct the remote system that is generating the incorrect information. Either reconfigure the remote system or update the system software to a version that does not originate incorrect information.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message ISIS-4-LAN_DUP_SYSID Format: L%d LAN I/H - Duplicate system ID %s detected over %s from %s

Explanation IS-IS has detected another system on the indicated LAN that is reusing the local system ID

Parameters: Level, The system ID, Interface Name, MAC ID ...

Recommended Action Configure either the local or remote router with a different system ID using the command net.

Error Message ISIS-4-LSP_DUP_SYSID Format: L%d LSP - Possible duplicate system ID %s detected

Explanation IS-IS has detected another non-directly connected system that is reusing the local system ID.

Parameters: Level, The system ID ...

Recommended Action Configure either the local or remote router with a different system ID using the command net.

Error Message ISIS-4-LSPFULL Format: L%d %s LSP space is full

Explanation There is no storage space left for routing information in the router's LSP

Parameters: Level, LSP Type ...

Recommended Action Configure IS-IS so that less information will be distributed in the router's LSP, for example by reducing redistributed prefixes.

Error Message ISIS-4-LSPFULL_FAILED_DROP Format: L%d %s LSP is full and couldn't remove lower priority TLVs to make room for type %d TLV

Explanation There is no storage space left for routing information in the router's LSP, and an attempt to drop lower priority information has failed.

Parameters: Level, LSP Type, TLV Type ...

Recommended Action Configure IS-IS so that less information will be distributed in the router's LSP, for example by reducing redistributed prefixes.

Error Message ISIS-4-LSPFULL_FORCED_DROP Format: L%d %s LSP is full, removed lower priority TLVs to make room for type %d TLV

Explanation There was no storage space left for important routing information in the router's LSP, and so lower priority information (e.g., redistributed prefixes) has been dropped to make room.

Parameters: Level, LSP Type, TLV Type ...

Recommended Action Configure IS-IS so that less information will be distributed in the router's LSP, for example by reducing redistributed prefixes.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message ISIS-4-NO_CID Format: Cannot allocate CID for %s\n - Over 255 LANs limit

Explanation IS-IS has been enabled on more than 255 broadcast interfaces and thus exceeded the protocol mandated limitation. Interfaces that are enabled beyond 255 will be ignored internally until the total count drops below 255.

Parameters: Interface Name ...

Recommended Action Disable IS-IS on one or more broadcast interfaces using the command `no ip router isis`, or convert the interface to point-to-point mode. using the CLI command `medium p2p` followed by `ip router isis`.

Error Message ISIS-4-NO_MEM Format: No memory event detected

Explanation An attempt to allocate from free memory failed.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message ISIS-4-P2P_DUP_SYSID Format: P2P ITH - Duplicate system ID %s detected over %s

Explanation IS-IS has detected another system on the indicated P2P that is reusing the local system ID.

Parameters: The system ID, Interface Name ...

Recommended Action Configure either the local or remote router with a different system ID using the command `net`.

Error Message ISIS-4-PROC_NO_MEM Format: No memory event, shutting down process

Explanation Previously an allocation failed due to no available memory. IS-IS will shut down and wait for user to restart it.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message ISIS-4-REDIST_MAX_ROUTE Format: Redistribution route limit has been reached - %d routes

Explanation ISIS redistribuTion: Max limit

Parameters: Number of routes ...

Recommended Action No action is required.

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Error Message ISIS-4-REDIST_THR_ROUTE Format: Redistribution threshold has been reached - %d routes

Explanation ISIS redistRIBution: Threshold limit
Parameters: Number of routes ...

Recommended Action No action is required.

Error Message ISIS-4-SEQWRAP Format: Sequence number wraparound event detected

Explanation IS-IS has detected that an LSP's sequence number has wrapped. IS-IS will shut down and restart.

Recommended Action No action is required.

ISIS-5

Error Message ISIS-5-ADJCHANGE Format: %s adj L%s %s over %s - %s on MT-%d

Explanation The indicated adjacency has changed its state.
Parameters: Interface Type, Level, The system ID, Interface Name, Reason ...

Recommended Action No action is required.

Error Message ISIS-5-NH_DEL Format: Cleanup L%d route %s/%d has %s next hop

Explanation An unexpected but recoverable event has occurred.
Parameters: Level, Address Prefix, Mask, Type ...

Recommended Action No action is required.

Error Message ISIS-5-PROC_SEQWRAP Format: Handle sequence number wraparound - disabling process for %d secs

Explanation An LSP's sequence number has wrapped, and the process will be disabled for the correct length of time.
Parameters: Time ...

Recommended Action No action is required.

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ISIS-6

Error Message ISIS-6-JUMBO_PDU Format: Drop %hu bytes jumbo PDU with %hu bytes buffer from %s%

Explanation IS-IS has received a packet that exceeds the maximum supported size. The packet will be dropped.

Parameters: Packet Length,PDU Maximum Size, Interface Name, Source Destination Addr ...

Recommended Action No action is required.

Error Message ISIS-6-MODE_NO_FUNC Format: No callback function registered for %s in %s mode

Explanation IS-IS encountered a problem where no callback function has been registered in the given mode

Parameters: Function name, Mode name ...

Recommended Action No action is required.

Error Message ISIS-6-SEQWRAP_HOLDDOWN Format: Sequence number wraparound holddown timer expired - enable process

Explanation The correct amount of time has elapsed after an LSP's sequence number wrapped so that IS-IS can resume normal operation.

Recommended Action No action is required.

Error Message ISIS-6-SHUTDOWN_FAILURE Format: Shutdown failure. Failed to %s - %s ; Parameters: Reason, Reason Code ...

Explanation IS-IS request to system manager for permission to shutdown was declined.

Recommended Action No action is required.

Error Message ISIS-6-START Format: Process start. Reason - %s

Explanation ISIS process start with specified reason

Parameters: Reason ...

Recommended Action No action is required.

Error Message ISIS-6-STOP Format: Process stop. Reason - %s

Explanation ISIS process stop with specified reason

Parameters: Reason ...

Recommended Action No action is required.

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Error Message ISIS-6-SYSMAN_CLEANUP Format: Terminated by SYSMAN cleanup signal ;
Explanation: IS-IS has been signaled to exit.

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message ISIS-6-UNK_NLPID Format: Unrecognized NLP ID %02X from %s%s

Explanation IS-IS has received a packet with an NLPID which it does not recognize. The packet will be dropped.

Parameters: NLP Id, Interface Name, Source Destination Addr ...

Recommended Action No action is required.

Error Message ISIS-6-UNK_PDU Format: Unrecognized PDU type %d from %s%s

Explanation IS-IS has received a packet of a type which it does not recognize. The packet will be dropped.

Parameters: PDU Type, Source Addr, Destination Addr ...

Recommended Action No action is required.

KSINK Messages

This section contains the KSINK messages.

KSINK-3

Error Message KSINK-3-API_FAILED Format: %s - failed in %s()

Explanation ksink called an API that has failed

Parameters: Failed Operation, ksink Function ...

Recommended Action No action is required.

Error Message KSINK-3-API_FAILED_HA Format: %s - %s:No access to PSS database %p,
data file: %s, uri: %s

Explanation ksink called an API that has failed

Parameters: Failed Operation, ksink Function ...

Recommended Action No action is required.

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Error Message KSINK-3-BUF_POOL Format: Pool 0x%p: double free of 0x%p attempted

Explanation Double free of buffer pool.

Recommended Action No action is required.

Error Message KSINK-3-HA_INVALID_INDEX Format: HA %s sync message received for unknown PSS index %d

Explanation HA synchronization message from active SUP references invalid PSS index.

Recommended Action No action is required.

Error Message KSINK-3-INVALID_ARG Format: invalid arguments - %s - in %s()

Explanation Invalid arguments passed in an ksink function
Parameters: Invalid Argument, ksink Function ...

Recommended Action No action is required.

Error Message KSINK-3-MEM_ALLOC Format: Malloc Failure in %s[%d] for size %d

Explanation Failed to allocate memory.

Recommended Action No action is required.

Error Message KSINK-3-MEM_LOCK Format: mlockall failed, error %s

Explanation mmap API returned failure.

Recommended Action No action is required.

Error Message KSINK-3-MTS Format: Error returned from %s, errno: 0x%08x (%s) in %s()

Explanation ksink called an MTS API which returned an error.
Parameters: Failed API, Error Code, Error Description, ksink Function ...

Recommended Action No action is required.

Error Message KSINK-3-PSS_CLOSE Format: Could not close PSS file, %s

Explanation PSS API which returned an error.

Recommended Action No action is required.

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Error Message KSINK-3-PSS_CREATE Format: Could not create PSS file %s, %s

Explanation PSS API which returned an error.

Recommended Action No action is required.

Error Message KSINK-3-PSS_DELETE Format: PSS delete failed, %s

Explanation PSS API which returned an error.

Recommended Action No action is required.

Error Message KSINK-3-PSS_DELETE_RANGE Format: PSS delete range failed, %s

Explanation PSS API which returned an error.

Recommended Action No action is required.

Error Message KSINK-3-PSS_DESTROY Format: Could not destroy PSS file %s, %s

Explanation PSS API which returned an error.

Recommended Action No action is required.

Error Message KSINK-3-PSS_GETPARAM Format: Could not retrieve PSS parameters, %s

Explanation PSS API which returned an error.

Recommended Action No action is required.

Error Message KSINK-3-PSS_HA Format: %s, %s

Explanation PSS API which returned an error.

Recommended Action No action is required.

Error Message KSINK-3-PSS_OPEN Format: Could not open PSS file %s, %s

Explanation PSS API which returned an error.

Recommended Action No action is required.

Error Message KSINK-3-PSS_PURGE Format: PSS purge failed, %s

Explanation PSS API which returned an error.

Recommended Action No action is required.

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Error Message KSINK-3-PSS_SET_DBSIZE Format: Could not set database size %d for PSS file %s, %s

Explanation PSS API which returned an error.

Recommended Action No action is required.

Error Message KSINK-3-PSS_SNAPSHOT Format: PSS snapshot failed for %s, %s

Explanation PSS API which returned an error.

Recommended Action No action is required.

Error Message KSINK-3-PSS_UPDATE Format: PSS update failed, %s

Explanation PSS API returned an error.

Recommended Action No action is required.

Error Message KSINK-3-RANDOM_SEED Format: Failed to set random seed

Explanation random seed API returned failure.

Recommended Action No action is required.

Error Message KSINK-3-RRM Format: Error returned from %s, errno: 0x%08x (%s) in %s()

Explanation ksink called an resource manager API which returned an error.
Parameters: Failed API, Error Code, Error Description, ksink Function ...

Recommended Action No action is required.

Error Message KSINK-3-SETRLIMIT Format: Failed to open client shared memory %s\ : %s

Explanation The calling process failed with the shown error while trying to open the named U6RIB shared memory region. The status of the memory is shown in 'show process memory shared'.
Parameters: Name of shared memory region ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message KSINK-3-TBUCKET Format: current time: %f , last update: %f

Explanation time stamp API returned an error.

Recommended Action No action is required.

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KSINK-6

Error Message KSINK-6-HA_SEQNO_SYNC Format: HA sequence number sync to standby failed, %s

Explanation HA sequence number synchronization to standby failed.

Recommended Action No action is required.

Error Message KSINK-6-HA_SYNC Format: HA sync to standby failed, %s

Explanation HA synchronization message to standby failed.

Recommended Action No action is required.

Error Message KSINK-6-HA_UNINITIALIZED Format: ksink HA library not initialized, %s invoked

Explanation Service should provide its own high availability switchover callbacks.

Recommended Action No action is required.

Error Message KSINK-6-MTS_UNK_OPC Format: Received unknown MTS message on %s queue with opcode %d

Explanation URIB received an unknown message. The message is dropped.

Recommended Action No action is required.

L2F Messages

This section contains the L2F messages.

L2F-2

Error Message L2F-2-APIINIT Format: Unable to initialize %s API

Explanation As self-explained by the message itself.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

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Error Message L2F-2-APIREGISTER Format: Unable to register with %s

Explanation As self-explained by the message itself.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message L2F-2-SHMATTACH Format: Unable to attach to shared memory %s

Explanation As self-explained by the message itself.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message L2F-2-SHMCREATE Format: Unable to create shared memory %s error %d

Explanation As self-explained by the message itself.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message L2F-2-SUPERADD Format: Unable to add super member %s to %s

Explanation As self-explained by the message itself.

Recommended Action No action is required.

Error Message L2F-2-THRCREATE Format: unable to create thread %s: %d

Explanation As self-explained by the message itself.

Recommended Action No action is required.

L2F-3

Error Message L2F-3-BADSIG Format: Should not have received signal %d

Explanation As self-explained by the message itself.

Recommended Action No action is required.

Error Message L2F-3-CREATENBR Format: Couldn't add neighbor %s on %s error %d

Explanation As self-explained by the message itself.

Recommended Action No action is required.

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Error Message L2F-3-DELETEIF Format: Could not delete interface on %s error %d

Explanation As self-explained by the message itself.

Recommended Action No action is required.

Error Message L2F-3-DISABLEIF Format: Could not disable interface on %s error %d

Explanation As self-explained by the message itself.

Recommended Action No action is required.

Error Message L2F-3-ENABLEIF Format: Could not enable interface on %s error %d

Explanation As self-explained by the message itself.

Recommended Action No action is required.

Error Message L2F-3-ERROR Format: %s

Explanation As self-explained by the message itself.

Recommended Action No action is required.

Error Message L2F-3-GETHOSTNAME Format: gethostname() failed with errno %d

Explanation As self-explained by the message itself.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message L2F-3-IF_CLR_EXT_FAIL Format: Could not clear interface on %s

Explanation As self-explained by the message itself.

Recommended Action No action is required.

Error Message L2F-3-IF_SET_EXT_FAIL Format: Could not set interface on %s

Explanation As self-explained by the message itself.

Recommended Action No action is required.

Error Message L2F-3-INIT Format: L2F initialization failed %s

Explanation As self-explained by the message itself.

Recommended Action No action is required.

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Error Message L2F-3-MSGBADADMINOR Format: Unrecognized minor message %d

Explanation As self-explained by the message itself.

Recommended Action No action is required.

Error Message L2F-3-MTS_BIND Format: Error returned from mts_bind() for %s, errno: %s

Explanation L2F called an MTS API which returned an error.

Recommended Action Dump core, and then restart component.

Error Message L2F-3-MTS_DROP Format: Error returned from mts_drop(), errno: %s

Explanation L2F called an MTS API which returned an error.

Recommended Action Dump core, and then restart component.

Error Message L2F-3-MTS_RECV Format: Error returned from mts_recv(), errno: %s

Explanation L2F called an MTS API which returned an error.

Recommended Action Dump core, and then restart component.

Error Message L2F-3-MTS_UNKNOWN_MSG Format: Unknown error returned from MTS, errno: %d

Explanation L2F called an MTS API which returned an unknown error.

Recommended Action Dump core, and then restart component.

Error Message L2F-3-NOMEM Format: malloc (%d) failed for: %s

Explanation As self-explained by the message itself.

Recommended Action add more memory to the router.

Error Message L2F-3-RXCHKSUM Format: Bad checksum packet on interface %s

Explanation As self-explained by the message itself.

Recommended Action No action is required.

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Error Message L2F-3-RXCOPY Format: Copy packet error 0x%08x copy %hu bytes packet from %s:%s

Explanation As self-explained by the message itself.

Recommended Action No action is required.

Error Message L2F-3-RXJUMBO Format: Jumbo packet %hu bytes jumbo PDU with %hu bytes buffer from %s:%s

Explanation As self-explained by the message itself.

Recommended Action No action is required.

Error Message L2F-3-RXPARSE_BAD_IM_IOD Format: packets received from invalid interface (possibly just deleted)

Explanation As self-explained by the message itself.

Recommended Action No action is required.

Error Message L2F-3-RXPARSE_BAD_L2F Format: packets received from invalid L2F interface (possibly just deleted)

Explanation As self-explained by the message itself.

Recommended Action No action is required.

Error Message L2F-3-RXPARSE_BAD_NBR_TLV Format: Bad-formed neighbor name TLV

Explanation As self-explained by the message itself.

Recommended Action No action is required.

Error Message L2F-3-RXPARSE_BAD_ROUTER_TLV Format: Bad-formed router name TLV

Explanation As self-explained by the message itself.

Recommended Action No action is required.

Error Message L2F-3-RXPARSE_ETHER_ADDR_TLV_LEN Format: Bad Ethernet Address TLV in packet, len = %d

Explanation As self-explained by the message itself.

Recommended Action No action is required.

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Error Message L2F-3-RXPARSE_ETHER_ADDR_TLV_NONE Format: No Ethernet Address TLV in packet

Explanation As self-explained by the message itself.

Recommended Action No action is required.

Error Message L2F-3-RXPARSE_NBR_TLV_LEN Format: Bad Neighbor Name TLV in packet, len = %d

Explanation As self-explained by the message itself.

Recommended Action No action is required.

Error Message L2F-3-RXPARSE_NBR_TLV_NULL_TERM Format: Neighbor Name TLV is not NULL terminated

Explanation As self-explained by the message itself.

Recommended Action No action is required.

Error Message L2F-3-RXPARSE_ROUTER_TLV_DUP Format: Duplicate Router Name TLV in packet

Explanation As self-explained by the message itself.

Recommended Action No action is required.

Error Message L2F-3-RXPARSE_ROUTER_TLV_LEN Format: Bad Router Name TLV in packet, len = %d

Explanation As self-explained by the message itself.

Recommended Action No action is required.

Error Message L2F-3-RXPARSE_ROUTER_TLV_NONE Format: No Router Name TLV in packet

Explanation As self-explained by the message itself.

Recommended Action No action is required.

Error Message L2F-3-RXPARSE_ROUTER_TLV_NULL_TERM Format: Router Name TLV is not NULL terminated

Explanation As self-explained by the message itself.

Recommended Action No action is required.

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Error Message L2F-3-RXPARSE_ROUTER_TLV_OURS Format: Misconfigured router, has our name %s

Explanation As self-explained by the message itself.

Recommended Action No action is required.

Error Message L2F-3-RXTRUNC Format: Received truncated packet, expected %hu bytes, got %hu bytes from %s:%s

Explanation As self-explained by the message itself.

Recommended Action No action is required.

Error Message L2F-3-SYSMGR_DISPATCH Format: Error returned from sysmgr_dispatch(), errno: %s

Explanation L2F called the system manager API which returned an error.

Recommended Action Dump core, and then restart component.

Error Message L2F-3-TXCOPY Format: Copy packet error 0x%08x copy %hu bytes

Explanation As self-explained by the message itself.

Recommended Action No action is required.

Error Message L2F-3-TXENCAP_FAIL Format: Encapsulation failed on interface %d

Explanation As self-explained by the message itself.

Recommended Action No action is required.

Error Message L2F-3-TXOUTPUT_FAIL Format: Output failed on interface %d

Explanation As self-explained by the message itself.

Recommended Action No action is required.

L2F-6

Error Message L2F-6-BFINIT Format: Can't initialize plp debugging bits

Explanation As self-explained by the message itself.

Recommended Action No action is required.

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Error Message L2F-6-INFORMATION Format: %s

Explanation Informational messages as self-explained by the message itself.

Recommended Action No action is required.

Error Message L2F-6-PKTBUFFER Format: %s

Explanation As self-explained by the message itself.

Recommended Action No action is required.

L3VM Messages

This section contains the L3VM messages.

L3VM-2

Error Message L3VM-2-STARTUP_FAILURE Format: Startup failure: failed to %s in %s()

Explanation An unrecoverable software error has occurred during l3vm startup.
Parameters: Startup Operation, L3vm Function ...

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message L3VM-2-TIB_ID_RAVL Format: %s failed with table id 0x%08x in %s()

Explanation L3vm called an AVL API that has failed
Parameters: Failed Operation, Table Id, L3vm Function ...

Recommended Action No action is required.

L3VM-3

Error Message L3VM-3-API_FAILED Format: %s - failed in %s()

Explanation L3vm called an API that has failed
Parameters: Failed Operation, L3vm Function ...

Recommended Action No action is required.

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Error Message L3VM-3-ASSERT_ERROR Format: %s:%d: Assertion \"%s\" failed.

Explanation The system has detected an error.
Parameters: Filename, Line number, Test ...

Recommended Action No action is required.

Error Message L3VM-3-CLIENT_UNREGISTERED Format: %s() - Client not registered

Explanation Client has not registered its mts queue with l3vm library
Parameters: L3vm Function ...

Recommended Action No action is required.

Error Message L3VM-3-CMI_MTSEND_FAILURE Format: mts_send() failure for client %s:
%s

Explanation L3VM was unable to send mts message to a particular client.
Parameters: Client name, Error ...

Recommended Action No action is required.

Error Message L3VM-3-CMI_PAYLOAD_CONV_ERR Format: CMI payload conversion error
failure from %s order to %s order

Explanation The cmi payload conversion did not occur successfully.
Parameters: order, order ...

Recommended Action No action is required.

Error Message L3VM-3-CONFCHECK Format: confcheck API %s() failed with error:
%s(0x%08x).\n

Explanation confcheck API failed.

Recommended Action No action is required.

Error Message L3VM-3-CONTEXT Format: Cannot find %s context in %s()

Explanation Cannot find a given context in the system
Parameters: L3vm context, L3vm Function ...

Recommended Action No action is required.

Error Message L3VM-3-IM Format: Error returned from %s, errno: 0x%08x (%s) in %s()

Explanation L3VM called a IM API which returned an error.
Parameters: Failed API, Error Code, Error Description, L3vm Function ...

Recommended Action No action is required.

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Error Message L3VM-3-INVALID_ARG Format: invalid arguments - %s - in %s()

Explanation Invalid arguments passed in an l3vm function
Parameters: Invalid Argument, L3vm Function ...

Recommended Action No action is required.

Error Message L3VM-3-LIB_INVALID_ARG Format: invalid arguments - %s - in %s()

Explanation Invalid arguments passed in an l3vm function
Parameters: Invalid Argument, L3vm Function ...

Recommended Action No action is required.

Error Message L3VM-3-LIB_NOMEM Format: Failed to allocate %s in %s()

Explanation L3VM library has run out of memory. This can be caused by a general network or router misconfiguration, or the router might not have enough memory installed.
Parameters: Allcated Data, L3vm Function ...

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message L3VM-3-LIBAPI_FAILED Format: %s - failed in %s()

Explanation L3vm called an API that has failed
Parameters: Failed Operation, L3vm Function ...

Recommended Action No action is required.

Error Message L3VM-3-LIBMTS Format: Error returned from %s, errno: 0x%08x (%s) in %s()

Explanation L3VM library called an MTS API which returned an error.
Parameters: Failed API, Error Code, Error Description, L3vm Function ...

Recommended Action No action is required.

Error Message L3VM-3-MTS Format: Error returned from %s, errno: 0x%08x (%s) in %s()

Explanation L3VM called an MTS API which returned an error.
Parameters: Failed API, Error Code, Error Description, L3vm Function ...

Recommended Action No action is required.

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Error Message L3VM-3-MTS_DROP Format: Error returned from mts_drop(), error: %s

Explanation An MTS API returned an error when L3VM tried to drop a message.
Parameters: Error String ...

Recommended Action No action is required.

Error Message L3VM-3-MTS_NO_PAYLOAD_ERROR Format: Received MTS message with no payload on %s queue with opcode %d, dropping it

Explanation L3VM received an unknown message. The message is dropped.

Recommended Action No action is required.

Error Message L3VM-3-NOMEM Format: Failed to allocate %s in %s()

Explanation L3VM has run out of memory. This can be caused by a general network or router misconfiguration, or the router might not have enough memory installed.
Parameters: Allcated Data, L3vm Function ...

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message L3VM-3-PENDING_SDB_WRITE Format: SDB write operation is pending for %s in %s()

Explanation L3VM discovered that there is a pending sdb operation
Parameters: Pending Key, L3vm Function ...

Recommended Action No action is required.

Error Message L3VM-3-PSS Format: Error returned from %s, errno: 0x%08x (%s) in %s()

Explanation L3VM called a PSS API which returned an error.
Parameters: Failed API, Error Code, Error Description, L3vm Function ...

Recommended Action No action is required.

Error Message L3VM-3-RRM Format: Error returned from %s, errno: 0x%08x (%s) in %s()

Explanation L3VM called an resource manager API which returned an error.
Parameters: Failed API, Error Code, Error Description, L3vm Function ...

Recommended Action No action is required.

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Error Message L3VM-3-SDB Format: Error returned from %s, errno: 0x%08x (%s) in %s()

Explanation L3VM called an SDB API which returned an error.
Parameters: Failed API, Error Code, Error Description, L3vm Function ...

Recommended Action No action is required.

Error Message L3VM-3-SDB_OPEN Format: Error opening %s, errno: 0x%08x (%s) in %s()

Explanation L3VM called sdb_open which returned an error.
Parameters: Failed URI, Error Code, Error Description, L3vm Function ...

Recommended Action No action is required.

Error Message L3VM-3-SDB_READ Format: Error reading %s, errno: 0x%08x (%s) in %s()

Explanation L3VM called sdb_read which returned an error.
Parameters: Failed Key, Error Code, Error Description, L3vm Function ...

Recommended Action No action is required.

Error Message L3VM-3-SYSMGR Format: Error returned from %s, errno: 0x%08x (%s) in %s()

Explanation L3VM called a system manager API which returned an error.
Parameters: Failed API, Error Code, Error Description, L3vm Function ...

Recommended Action No action is required.

Error Message L3VM-3-TLVU_API_FAIL Format: TLVU failure: %s

Explanation L3VM process failed in invoking a TLVU API.
Parameters: Function ...

Recommended Action No action is required.

Error Message L3VM-3-VDC Format: Error returned from %s in %s()

Explanation L3VM called an VDC API which returned an error.
Parameters: Failed API, L3vm Function ...

Recommended Action No action is required.

Error Message L3VM-3-VRF_ERROR Format: %s: %s

Explanation Illegal operation or command on a VRF
Parameters: VRF name, Failed Operation ...

Recommended Action No action is required.

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L3VM-4

Error Message L3VM-4-STATE_MISMATCH Format: state mismatch - %s - in %s()

Explanation L3VM was in an unexpected state
Parameters: Name of state, L3vm Function ...

Recommended Action No action is required.

L3VM-5

Error Message L3VM-5-UNK_MSG_MINOR Format: Unrecognized message minor type %d in %s()

Explanation L3vm received an unrecognized MTS message format
Parameters: Message Minor Type, L3vm Function ...

Recommended Action No action is required.

Error Message L3VM-5-UNK_MTS_EVENT Format: Unrecognized MTS event for opcode %d in %s()

Explanation L3vm received an unexpected event on an MTS message
Parameters: MTS opcode, L3vm Function ...

Recommended Action No action is required.

Error Message L3VM-5-UNK_MTS_OPC Format: Unrecognized MTS opcode %d in %s()

Explanation L3vm received an unexpected MTS message opcode
Parameters: MTS opcode, L3vm Function ...

Recommended Action No action is required.

L3VM-6

Error Message L3VM-6-RESTART_SHUTDOWN Format: L3VM shutting self down via restart command in %s()

Explanation L3VM process is shutting itself down
Parameters: L3vm Function ...

Recommended Action No action is required.

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Error Message L3VM-6-UNKNOWN_SDB_CTX Format: L3VM received unknown gsdb context 0x%08x in %s()

Explanation L3VM process received ack for unknown operation on global database
Parameters: GSDB Context, L3vm Function ...

Recommended Action No action is required.

LDP Messages

This section contains the LDP messages.

LDP-2

Error Message LDP-2-INITFAIL Format: Failure to create/initialize %s

Explanation During startup there were problems initializing local resources (data structures, MQ, shared memory).

Recommended Action No action is required.

Error Message LDP-2-REGISTERFAIL Format: Failure to communicate with other components, error: %s failure

Explanation During startup there were problems in establishing communication channels with other components.

Recommended Action No action is required.

Error Message LDP-2-THREADFAIL Format: Error creating thread %s (error %d)

Explanation LDP was unable to spawn a thread. The thread name and the error is printed in the message.

Recommended Action No action is required.

LDP-3

Error Message LDP-3-ALLOCFAIL Format: Failure to allocate %s (%s)

Explanation LDP encountered a memory allocation failure.

Recommended Action No action is required.

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Error Message LDP-3-APIFAIL Format: Failed API call to %s for %s (%s)

Explanation An API call of the mentioned component failed. Information about the API call is printed in the syslog message.

Recommended Action No action is required.

Error Message LDP-3-BADARG Format: Bad argument error: %s

Explanation A function call received an unexpected argument.

Recommended Action No action is required.

Error Message LDP-3-BADMSG Format: BAD IPC message: %s

Explanation LDP received a message which has incorrect or unexpected information.

Recommended Action No action is required.

Error Message LDP-3-FECLIST Format: Error: %s, FEC: %s

Explanation Error in adding/removing FEC struction from local data structures.

Recommended Action No action is required.

Error Message LDP-3-FECNHUPD Format: Unable to add/update FEC Next-Hop information for FEC %s

Explanation The system is unable to create downstream label binding data structure (FEC NH).

Recommended Action No action is required.

Error Message LDP-3-HALTPEERS Format: Unable to allocate memory for operation, shutting down all sessions

Explanation LDP is halts all peers when it runs out of memory. This message indicates this no memory condition.

Recommended Action No action is required.

Error Message LDP-3-LISTERR Format: List Error: %s, operation: %s

Explanation LDP encountered an error in its internal list manipulation function.

Recommended Action No action is required.

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Error Message LDP-3-MBUFFAIL Format: MBUF failure: %s

Explanation LDP encountered an error while performing MBUF operation.

Recommended Action No action is required.

Error Message LDP-3-MISCERR Format: Miscellaneous error: %s

Explanation These are miscellaneous errors. The message explains it all.

Recommended Action No action is required.

Error Message LDP-3-MQSENDERR Format: Unable to send message, MQ name: %s

Explanation LDP is unable to send an IPC message to the specified message queue.

Recommended Action No action is required.

Error Message LDP-3-MTS_BIND Format: Error returned from mts_bind(), errno: %s

Explanation LDP called an MTS API which returned an error.

Recommended Action Dump core, and then restart component.

Error Message LDP-3-MTS_DROP Format: Error returned from mts_drop(), errno: %s

Explanation LDP called an MTS API which returned an error.

Recommended Action Dump core, and then restart component.

Error Message LDP-3-MTS_RECV Format: Error returned from mts_recv(), errno: %s

Explanation LDP called an MTS API which returned an error.

Recommended Action Dump core, and then restart component.

Error Message LDP-3-MTS_UNKNOWN_MSG Format: Unknown error returned from MTS, errno: %d

Explanation LDP called an MTS API which returned an unknown error.

Recommended Action Dump core, and then restart component.

Error Message LDP-3-PCLERR Format: PCL error: %s, PCL name: %s

Explanation Error in PCL processing, error string indicates the specific error and the PCL name.

Recommended Action No action is required.

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Error Message LDP-3-PWEREGFAIL Format: PWE3 registration failed: %s

Explanation PWE could not talk to LDP, reason specified in message.

Recommended Action No action is required.

Error Message LDP-3-SESSERR Format: Session Error: %s, session %s

Explanation LDP encountered an error when talking with a particular neighbor.

Recommended Action No action is required.

Error Message LDP-3-SESSFECERR Format: Unable to insert FEC %s from %s to session FEC db

Explanation Error in inserting downstream label binding information in local data structure.

Recommended Action No action is required.

Error Message LDP-3-SESSLIST Format: Error: %s, Session: %s

Explanation Error in adding/removing session structure from local data structures.

Recommended Action No action is required.

Error Message LDP-3-SESSNHERR Format: Unable to create session next-hop for session %s

Explanation Unable creating next hop information given by this neighbor.

Recommended Action No action is required.

Error Message LDP-3-SNMPFILLFAIL Format: SNMP failure, failed to fill %s in %s request

Explanation LDP encountered an error while trying to fill a response to an SNMP query.

Recommended Action No action is required.

Error Message LDP-3-SOCKETERR Format: Socket Error: %s, Socket: %d, Session: %s, Errno: %d

Explanation LDP encountered an error when performing a socket operation.

Recommended Action No action is required.

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Error Message LDP-3-SYSMGR_DISPATCH Format: Error returned from sysmgr_dispatch(),
errno: %s

Explanation LDP called the system manager API which returned an error.

Recommended Action Dump core, and then restart component.

Error Message LDP-3-UDPLENERR Format: Wrong UDP length %d

Explanation LDP received a corrupt UDP message with a wrong length.

Recommended Action No action is required.

Error Message LDP-3-UNKNOWNMSG Format: Received unknown IPC message major/minor:
%d:%d

Explanation LDP received an IPC message which it does not know how to handle. It ignores this message.

Recommended Action No action is required.

LDP-4

Error Message LDP-4-DUPLABEL Format: Neighbor advertised duplicate label for PW FEC
%s

Explanation LDP received a duplicate label for a FEC from a peer.

Recommended Action No action is required.

Error Message LDP-4-LABELERR Format: Received label release without label from
session %s

Explanation LDP received a label release without a label from peer.

Recommended Action No action is required.

Error Message LDP-4-LABELRELEERR Format: Invalid label %ld in label release message
for fec %s from %s

Explanation LDP received an invalid label from a peer.

Recommended Action No action is required.

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Error Message LDP-4-MSGGENFAIL Format: Unable to format message to %s, error %s

Explanation LDP was unable to format a message to a peer.

Recommended Action No action is required.

Error Message LDP-4-SHUTFAIL Format: Failed to shutdown: %s

Explanation An operation failed during shutting down.

Recommended Action No action is required.

LDP-6

Error Message LDP-6-INFORM Format: %s

Explanation Informational message.

Recommended Action No action is required.

LISP Messages

This section contains the LISP messages.

LISP-2

Error Message LISP-2-SHM_LOCK_CREAT Format: Failed to create shared memory lock: %s

Explanation The system has failed to initialize.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

LISP-3

Error Message LISP-3-API_INIT Format: Couldn't initialize %s API

Explanation LISP failed to open API to interact with the component.

Recommended Action No action is required.

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Error Message LISP-3-COMP_DEREG Format: Unable to de-register with %s

Explanation LISP failed to de-register with a server component.

Recommended Action No action is required.

Error Message LISP-3-COMP_REG Format: Unable to register with %s

Explanation LISP failed to register with a server component.

Recommended Action Dump core, and then restart component.

Error Message LISP-3-LIB_API_INIT Format: Couldn't initialize %s API

Explanation LISP failed to open API to interact with the component.

Recommended Action No action is required.

Error Message LISP-3-LISP_INIT Format: LISP init failed: %s

Explanation LISP process initialization failed.

Recommended Action Dump core, and then restart component.

Error Message LISP-3-MALLOC Format: Private mem malloc (%lu) failed in %s

Explanation LISP process is out of free private memory.

Recommended Action Configure the network or router to decrease the number of routes.

Error Message LISP-3-MTS_DROP Format: Error returned from mts_drop(), errno: %s

Explanation LISP called an MTS API which returned an error.

Recommended Action Dump core, and then restart component.

Error Message LISP-3-MTS_RECV Format: Error returned from mts_recv(), errno: %s

Explanation LISP called an MTS API which returned an error.

Recommended Action Dump core, and then restart component.

Error Message LISP-3-MTS_SEND Format: Error returned from mts_send(), errno: %s

Explanation LISP called an MTS API which returned an error.

Recommended Action Dump core, and then restart component.

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Error Message LISP-3-NO_SET_PRIORITY Format: Failed to set policy or priority

Explanation LISP process could not set itself process priority, exiting.

Recommended Action No action is required.

Error Message LISP-3-OPCODE_REG Format: Could not register opcode 0x%x, reason %s

Explanation The system is unable to register opcodes
Parameters: MTS Opcode, Error string ...

Recommended Action Dump core, and then restart component.

Error Message LISP-3-PT_ADD Format: Couldn't add %s to Patricia Trie

Explanation LISP failed to update Patricia Trie.

Recommended Action No action is required.

Error Message LISP-3-PT_DEL Format: Couldn't delete %s from Patricia Trie

Explanation LISP failed to delete entry from Patricia Trie.

Recommended Action No action is required.

Error Message LISP-3-RLIMIT Format: Couldn't set LISP data segment size to %lu

Explanation LISP process could not set a memory resource limit, exiting.

Recommended Action No action is required.

Error Message LISP-3-SHARED_DB_PUB_INIT Format: Could not do shared database publisher initialization for interfaces rc=0x%x [%s]

Explanation The system is unable to do shared db publisher initialization
Parameters: Status Error, Syserror string ...

Recommended Action Dump core, and then restart component.

Error Message LISP-3-SLAB_CREATE Format: Slab alloc of type %s failed

Explanation LISP process failed to allocate Slab memory.

Recommended Action Configure the network or router to decrease the number of routes.

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Error Message LISP-3-SM_CLOSE Format: Couldn't close shm segment %s

Explanation LISP process failed to remove shared memory resource.

Recommended Action No action is required.

Error Message LISP-3-SM_CREATE Format: Couldn't create shm segment %s

Explanation LISP process failed to initialize shared memory resource.

Recommended Action Dump core, and then restart component.

Error Message LISP-3-SM_OPEN Format: Couldn't open shm segment %s

Explanation LISP process failed to initialize shared memory resource.

Recommended Action Dump core, and then restart component.

Error Message LISP-3-SMALLOC Format: Shared mem malloc (%s) failed in %s

Explanation LISP process is out of free shared memory.

Recommended Action Configure the network or router to decrease the number of routes.

Error Message LISP-3-SUBCR_INIT Format: Could not initialize shared database client for interfaces rc=0x%x [%s]

Explanation The system is unable to do subscRIBer init to access IM shared-dbs
Parameters: Status Error, Syserror string ...

Recommended Action Dump core, and then restart component.

Error Message LISP-3-TIMER_SET_INIT Format: Couldn't init %s active timer set

Explanation LISP failed to initialize timer resource.

Recommended Action Dump core, and then restart component.

Error Message LISP-3-UNKNOWN_MTYPE Format: Unknown mtype: %d/%d in %s

Explanation LISP process received unknown Interprocess message, dropped.

Recommended Action No action is required.

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LISP-6

Error Message LISP-6-RESTART_REASON Format: LISP process has restarted, restart reason: %s\n

Explanation LISP is restoring the routes it had added in previous instance.

Recommended Action No action is required.

Error Message LISP-6-SHUTDOWN Format: Shutting down LISP process

Explanation LISP received a shutdown request.

Recommended Action No action is required.

Error Message LISP-6-SHUTDOWN_SELF Format: LISP shutting self down

Explanation LISP process is shutting itself down.

Recommended Action No action is required.

Error Message LISP-6-UFDM_REGACK_FAILED Format: Received IPC message from UFDM, Register-Ack failed

Explanation LISP process received unknown Interprocess message from the UFDM process, dropped.

Recommended Action No action is required.

Error Message LISP-6-UNKNOWN_OPC Format: Received unknown mts opcode %d

Explanation LISP process received unknown Interprocess message, dropped.

Recommended Action No action is required.

Error Message LISP-6-UNKNOWN_OPC_UFDM Format: Received unknown UFDM mts opcode %d

Explanation LISP process received unknown Interprocess message from the UFDM process, dropped.

Recommended Action No action is required.

M6RIB Messages

This section contains the M6RIB messages.

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M6RIB-2

Error Message M6RIB-2-API_INIT_SEM Format: Failed to init the client API semaphore: %s, create: %s

Explanation M6RIB could not create the semaphore that protects access to the shared memory between M6RIB and its clients.

Parameters: Operation, Error from the operation ...

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message M6RIB-2-RES_MGR Format: Error returned from %s for %d keys, errno: 0x%08x (%s) in %s(). Current reservation is %d, new size is %d

Explanation The resource manager returned an error to M6RIB, while M6RIB was performing an action relating to its shared memory

Parameters: RM Function, Error Code, Error Description, Calling Function, Reserved resources, Reservation requested resources ...

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message M6RIB-2-STARTUP_FAILURE Format: Startup failure: %s

Explanation An unrecoverable software error has occurred during M6RIB startup.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

M6RIB-3

Error Message M6RIB-3-ACTIVE_TIMER_FAILED Format: active_timer_create() failed for m6rib_main()

Explanation M6RIB process failed to create a timer.

Recommended Action Dump core, then reload the stack.

Error Message M6RIB-3-API_FAILED Format: %s failed

Explanation M6RIB process failed in invoking an API.

Parameters: Function ...

Recommended Action No action is required.

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Error Message M6RIB-3-BITFIELD_FAILED Format: %s failed in %s

Explanation M6RIB process could not execute the bitfield operation.
Parameters: Bitfield Operation, Function Name ...

Recommended Action Dump core, then reload the stack.

Error Message M6RIB-3-CONTEXT_BF_FAILED Format: bitfield_create() failed for context %s

Explanation M6RIB process failed to create a bitfield for m6RIB_ cibtype.
Parameters: Context Name ...

Recommended Action Dump core, then reload the stack.

Error Message M6RIB-3-CV_INIT Format: Couldn't init cond var %s

Explanation M6RIB process failed to initialize conditional-variable resource.
Parameters: Thread Name ...

Recommended Action Dump core, and then restart component.

Error Message M6RIB-3-FTM_BAD_METER Format: %s failed for meter %s in %s

Explanation M6RIB process failed to configure the multicast meter.
Parameters: FTM Operation, Type, Function ...

Recommended Action No action is required.

Error Message M6RIB-3-FTM_BAD_MINOR Format: Unknown FTM mtype: 0x%4x

Explanation M6RIB process received unsupported message type from FTM, ignored.
Parameters: Minor Type ...

Recommended Action No action is required.

Error Message M6RIB-3-FTM_NO_XID Format: Cannot find FTM buffer, xid: %d

Explanation M6RIB process could not match the sequence number for FTM message, ignored.
Parameters: Transaction ID ...

Recommended Action No action is required.

Error Message M6RIB-3-INHERIT_FAILED Format: m6rib_inherit_oifs(): bitfield is set but oif doesn't exist

Explanation M6RIB process failed in inheriting OIFs for the (S,G) from (*,G).

Recommended Action No action is required.

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Error Message M6RIB-3-INIT_SDB Format: %s Return Code: 0x%x Error String: %s

Explanation SDB initialization failed
Parameters: Message Return Code Error String ...

Recommended Action No action is required.

Error Message M6RIB-3-KSINK_LIB_ERROR Format: %s %s

Explanation A error was encountered during ksink operations.
Parameters: Error Description, M6RIB Function ...

Recommended Action No action is required.

Error Message M6RIB-3-LIB_API_FAILED Format: %s failed in %s

Explanation Process failed in invoking an M6RIB API.
Parameters: API Call, Function ...

Recommended Action No action is required.

Error Message M6RIB-3-LIB_DUP_REGISTER Format: m6rib_register(): duplicate register by %s\

Explanation Dupilcate registration request to the M6RIB process, igored.
Parameters: PIB Name ...

Recommended Action No action is required.

Error Message M6RIB-3-LIB_MTS_FAILED Format: %s failed in %s, errno: %s, for %s

Explanation Failure in M6RIB library to access mts-queue
Parameters: MTS Operation, Function, errno, MTS Queue ...

Recommended Action No action is required.

Error Message M6RIB-3-LIB_SEM_INVALID Format: %s:%d: semaphore invalid in %s

Explanation M6RIB semaphore was found to be invalid when performing a semaphore operation
Parameters: Function Name, Line ...

Recommended Action No action is required.

Error Message M6RIB-3-LIB_SEM_OP Format: %s:%d: semaphore operation %s failed

Explanation Caller failed to perform an operation on the M6RIB semaphore
Parameters: Function Name, Line ...

Recommended Action No action is required.

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Error Message M6RIB-3-LIB_SM_FAILED Format: %s failed to access M6RIB shared memory in %s, errno: %s

Explanation Process failed to access the The system shared memory resource.
Parameters: SM Operation, Function, errno ...

Recommended Action No action is required.

Error Message M6RIB-3-M6RIB_ALREADY_UP Format: m6rib already running, exiting

Explanation Another M6RIB process is already running, this process will shut down.

Recommended Action No action is required.

Error Message M6RIB-3-MALLOC_FAILED Format: %s failed for %s

Explanation M6RIB process is out of free memory.
Parameters: Alloc Routine, Structure Name ...

Recommended Action Configure the network or router to decrease the number of routes.

Error Message M6RIB-3-MFDM_NO_BUF Format: Cannot find MFDM buffer from route-ack for context %s

Explanation M6RIB process could not find a route buffer in its queue from the MFDM message, ignored.
Parameters: Context Name ...

Recommended Action No action is required.

Error Message M6RIB-3-MQ_FAILED Format: %s failed in %s, errno: %s, for %s

Explanation M6RIB process failed to access the message-queue.

Recommended Action No action is required.

Error Message M6RIB-3-MTS_BIND Format: Error returned from mts_bind() for %s mts queue, errno: %s

Explanation M6RIB called an MTS API which returned an error.
Parameters: Queue Name, errno ...

Recommended Action Dump core, and then restart component.

Error Message M6RIB-3-MTS_DROP Format: Error returned from mts_drop(), errno: %s

Explanation M6RIB called an MTS API which returned an error.
Parameters: errno ...

Recommended Action Dump core, and then restart component.

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Error Message M6RIB-3-MTS_FAILED Format: %s failed in %s, errno: %s, for %s

Explanation M6RIB process failed to access the The system shared memory resource.
Parameters: SM Operation, Function, errno ...

Recommended Action No action is required.

Error Message M6RIB-3-MTS_NO_PAYLOAD_ERROR Format: Received MTS message with no payload on %s queue with opcode %d, dropping it

Explanation M6RIB received an unknown message. The message is dropped.

Recommended Action No action is required.

Error Message M6RIB-3-MTS_RECV Format: Error returned from mts_recv(), errno: %s

Explanation M6RIB called an MTS API which returned an error.
Parameters: errno ...

Recommended Action Dump core, and then restart component.

Error Message M6RIB-3-MTS_SHORT_MSG_ERROR Format: Received short (%d < %d) MTS message on %s queue with opcode %d, dropping it

Explanation M6RIB received an unknown message. The message is dropped.

Recommended Action No action is required.

Error Message M6RIB-3-MUTEX_INIT Format: Couldn't init mutex %s

Explanation M6RIB process failed to initialize mutex system resource.
Parameters: Thread Name ...

Recommended Action Dump core, and then restart component.

Error Message M6RIB-3-NO_FREE_GROUP Format: Unable to free group entry for %s in m6rib_delete_route_internal()

Explanation M6RIB process unable to delete a route-table entry.
Parameters: Group ...

Recommended Action No action is required.

Error Message M6RIB-3-NO_FREE_SOURCE Format: Unable to free source entry for %s in m6rib_delete_route_internal()

Explanation M6RIB process unable to delete a route-table entry.
Parameters: Source ...

Recommended Action No action is required.

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Error Message M6RIB-3-NO_GROUP Format: Unable to create group entry for %s

Explanation M6RIB process unable to create the route entry in its route-table.
Parameters: Group ...

Recommended Action No action is required.

Error Message M6RIB-3-NO_MPIB Format: Unable to get mpib index in
m6rib_register_internal()

Explanation M6RIB process cannot register the protocol as it has run out of PIB indices.

Recommended Action Dump core, then reload the stack.

Error Message M6RIB-3-NO_SET_PRIORITY Format: Failed to set policy or priority

Explanation M6RIB process could not set itself process priority, exiting.

Recommended Action No action is required.

Error Message M6RIB-3-NO_SOURCE Format: Unable to create source entry for %s

Explanation M6RIB process unable to create the route entry in its route-table.
Parameters: Source ...

Recommended Action No action is required.

Error Message M6RIB-3-NO_TIMER Format: Could not create stale timer for %s\

Explanation M6RIB process cannot stale the routes for this protocol.
Parameters: PIB Name ...

Recommended Action Dump core, then reload the stack.

Error Message M6RIB-3-OPCODE_REGISTER Format: %s opcode: 0x%x ErrorString: %s

Explanation Opcode registration failed
Parameters: Message Return Code Error String ...

Recommended Action No action is required.

Error Message M6RIB-3-PSS Format: Error returned from %s, errno: 0x%08x (%s) in %s()

Explanation M6RIB called a PSS API which returned an error. The error reported should be examined for the cause.
Parameters: Failed API, Error Code, Error Description, M6RIB Function ...

Recommended Action ERRMSG.

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Error Message M6RIB-3-PT_FAILED Format: %s failed in %s

Explanation M6RIB process failed to update route-table for this event.
Parameters: PT Operation, Function Name ...

Recommended Action Dump core, then reload the stack.

Error Message M6RIB-3-PTHREAD_FAILED Format: pthread_create() failed for m6rib_main()

Explanation M6RIB process failed to create a task thread.

Recommended Action Dump core, then reload the stack.

Error Message M6RIB-3-RDLOCK_ASSERT Format: %s:%d: Assert, read-lock not acquired

Explanation Caller Failed to get M6RIB Shared Memory read lock
Parameters: Function Name, Line ...

Recommended Action No action is required.

Error Message M6RIB-3-SYSMGR_DISPATCH Format: Error returned from sysmgr_dispatch(), errno: %s

Explanation M6RIB called the system manager API which returned an error.
Parameters: errno ...

Recommended Action Dump core, and then restart component.

Error Message M6RIB-3-TIMER_FAILED Format: could not %s

Explanation M6RIB process failed to configure a timer event.
Parameters: Message ...

Recommended Action Dump core, then reload the stack.

Error Message M6RIB-3-UNKNOWN_M6RIB_MAJOR Format: m6rib_main(): unknown major mtype: %d

Explanation M6RIB process received unknown Interprocess message, dropped.
Parameters: Major Type ...

Recommended Action No action is required.

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Error Message M6RIB-3-UNKNOWN_M6RIB_MINOR Format: m6rib_main(): unknown minor mtype: %d

Explanation M6RIB process received unknown Interprocess message, dropped.
Parameters: Minor Type ...

Recommended Action No action is required.

Error Message M6RIB-3-UNKNOWN_MFDM_OPC Format: m6rib_mfdm_main(): received unknown opcode %d

Explanation M6RIB process received unknown Interprocess message from MFDM, dropped.
Parameters: Opcode ...

Recommended Action No action is required.

Error Message M6RIB-3-UNKNOWN_U6RIB Format: Received unknown U6RIB message type: %d

Explanation M6RIB process received unknown message from U6RIB, dropped.
Parameters: Minor Type ...

Recommended Action No action is required.

Error Message M6RIB-3-WRLOCK_ASSERT Format: %s:%d: Assert, write-lock not acquired

Explanation Caller Failed to get M6RIB Shared Memory write lock
Parameters: Function Name, Line ...

Recommended Action No action is required.

M6RIB-5

Error Message M6RIB-5-API_INIT_SEM_CLEAR Format: Cleared the API semaphore from %d

Explanation The API semaphore was in an unexpected state, and was restored to a correct value.
Parameters: Value of semaphore ...

Recommended Action No action is required.

Error Message M6RIB-5-RES_MGR_CHANGE Format: Changed m4route-mem from %d to %d

Explanation The requested limit-resource command was adapted to fit the limits in this version.
Parameters: Requested Min, Requested Max, New Min, New Max ...

Recommended Action No action is required.

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M6RIB-6

Error Message M6RIB-6-MEMORY_OPTION Format: memory size must be >= 16MB and <= 2GB

Explanation Invalid memory size specified for M6RIB process.

Recommended Action No action is required.

Error Message M6RIB-6-SHUTDOWN Format: Shutting down M6RIB process

Explanation M6RIB process is shutting itself down.

Recommended Action No action is required.

Error Message M6RIB-6-SHUTDOWN_FAILED Format: Shutting down of M6RIB process failed: %s

Explanation M6RIB process is shutting itself down.
Parameters: Error String ...

Recommended Action No action is required.

Error Message M6RIB-6-USAGE Format: Usage: m6rib [-h] [-d] [-m <memory-in-mb>]

Explanation Usage for starting M6RIB process.

Recommended Action No action is required.

MCASTFWD Messages

This section contains the MCASTFWD messages.

MCASTFWD-2

Error Message MCASTFWD-2-SHM_LOCK_CREAT Format: Failed to create shared memory lock: %s

Explanation The system has failed to initialize.
Parameters: Error Name ...

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message MCASTFWD-2-STARTUP_FAILURE Format: Startup failure: %s

Explanation An unrecoverable software error has occurred during MCASTFWD startup.
Parameters: Failure reason ...

Recommended Action No action is required.

MCASTFWD-3

Error Message MCASTFWD-3-ALREADY_RUNNING Format: MCASTFWD already running, exiting

Explanation Another MCASTFWD process is already running, this process will shut down.

Recommended Action No action is required.

Error Message MCASTFWD-3-API_FAILED Format: %s failed in %s

Explanation MCASTFWD process failed in invoking an API.
Parameters: API name, Function name ...

Recommended Action No action is required.

Error Message MCASTFWD-3-AVL_ERROR Format: AVL-tree operation %s failed for %s

Explanation MCASTFWD process failed in an AVL-tree manipulation.
Parameters: AVL tree operation, Tree name ...

Recommended Action No action is required.

Error Message MCASTFWD-3-BAD_MSG Format: Invalid %s message received from %s

Explanation MCASTFWD received an invalid MTS message.
Parameters: Message type, Process name ...

Recommended Action Dump core, and then restart component.

Error Message MCASTFWD-3-BF_CREATE Format: Couldn't create bitfield for %s

Explanation MCASTFWD failed to create bitfield resource.
Parameters: Data type ...

Recommended Action Dump core, and then restart component.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message MCASTFWD-3-BITFIELD_FAILED Format: %s failed in %s

Explanation MCASTFWD process could not execute the bitfield operation.
Parameters: Bitfield operation, Function name ...

Recommended Action Dump core, then reload the stack.

Error Message MCASTFWD-3-CV_INIT Format: Couldn't init cond var %s

Explanation MCASTFWD process failed to initialize conditional-variable resource.
Parameters: Thread Name ...

Recommended Action Dump core, and then restart component.

Error Message MCASTFWD-3-GETRLIMIT_FAILED Format: Address Space size retrieval failed, reason %s

Explanation MCASTFWD process could not retrieve memory resource limit.

Recommended Action No action is required.

Error Message MCASTFWD-3-GROUP_PREFIX_IGNORE Format: Too many Groups in Group Prefix %s. Specify the prefix within /24

Explanation GPrefix yields too many Groups
Parameters: Group Prefix ...

Recommended Action No action is required.

Error Message MCASTFWD-3-GROUP_RANGE_IGNORE Format: Too many Groups in Group Range %s - %s

Explanation Group Range yields too many Groups
Parameters: Start Group, End Group ...

Recommended Action No action is required.

Error Message MCASTFWD-3-HA_DB_REBUILD Format: HA run-time database buildup %s

Explanation MCASTFWD-SNOOP stateful restart status
Parameters: State description ...

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message MCASTFWD-3-HA_GROUP Format: HA %s operation in vlan %d failed for (%s, %s)

Explanation MCASTFWD-SNOOP called a PSS API which returned an error.
Parameters: Operation type, Vlan-id, Group, Source ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message MCASTFWD-3-HA_OIF Format: HA %s operation on OIF %s for (%s, %s) in vlan %d failed

Explanation MCASTFWD-SNOOP called a PSS API which returned an error.
Parameters: Operation type, Interface, Group, Source, Vlan-id ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message MCASTFWD-3-HA_RPORT Format: HA %s operation on router-port %s for vlan %d failed

Explanation MCASTFWD-SNOOP called a PSS API which returned an error.
Parameters: Operation type, Interface, Vlan-id ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message MCASTFWD-3-HA_VLAN Format: HA %s operation for vlan %d failed

Explanation MCASTFWD-SNOOP called a PSS API which returned an error.
Parameters: Operation type, Vlan-id ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message MCASTFWD-3-IM_API_FAILED Format: %s failed in %s

Explanation IM API failed in MCEC MCASTFWD Snoop.
Parameters: API name, Function name ...

Recommended Action No action is required.

Error Message MCASTFWD-3-INVALID_OIF_LIST Format: MCASTFWD Snooping invalid OIF list %s with %d iods in %s

Explanation MCASTFWD-SNOOP has invalid number of iods.
Parameters: OIF list, OIF count, Function name ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message MCASTFWD-3-LIB_API_FAILED Format: %s failed in %s

Explanation Process failed in invoking MCASTFWD API.
Parameters: API name, Function name ...

Recommended Action No action is required.

Error Message MCASTFWD-3-LIB_API_INIT Format: Couldn't initialize %s API

Explanation MCASTFWD failed to open API to interact with the component.
Parameters: Component Name ...

Recommended Action No action is required.

Error Message MCASTFWD-3-LIB_MALLOC Format: Private mem malloc (%lu) failed in %s

Explanation Process is out of free private memory.
Parameters: Type of malloc(size), Function Name ...

Recommended Action Configure the network or router to decrease the number of routes.

Error Message MCASTFWD-3-LIB_MTS_FAILED Format: %s failed in %s, errno: %s

Explanation Process failed to access the MCASTFWD MTS-queue.
Parameters: MTS IPC operation, Function name, Error ID ...

Recommended Action No action is required.

Error Message MCASTFWD-3-LIB_SM_CLOSE Format: Couldn't close shm segment %s

Explanation MCASTFWD process failed to remove shared memory resource.
Parameters: Shared Memory Segment Name ...

Recommended Action No action is required.

Error Message MCASTFWD-3-LIB_SM_OPEN Format: Couldn't open shm segment %s

Explanation MCASTFWD process failed to initialize shared memory resource.
Parameters: Shared Memory Segment Name ...

Recommended Action Dump core, and then restart component.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message MCASTFWD-3-LVPORT_CREATE Format: MCASTFWD Snooping couldn't create an leave-port in %s for group %s

Explanation MCASTFWD-SNOOP called an API which returned an error.
Parameters: Vlan ID, Group address ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message MCASTFWD-3-MALLOC_FAILED Format: %s failed in %s

Explanation MCASTFWD process is out of free memory.
Parameters: Structure type, Function name ...

Recommended Action Configure the network or router to decrease the number of routes.

Error Message MCASTFWD-3-MCASTFWD_INIT Format: MCASTFWD init failed: %s

Explanation MCASTFWD process initialization failed.
Parameters: Failure reason ...

Recommended Action Dump core, and then restart component.

Error Message MCASTFWD-3-MFDM_NO_BUF Format: Cannot find MFDM buffer from route-ack for xid 0x%x

Explanation MCASTFWD process could not find a route buffer in its queue from the MFDM message, ignored.

Recommended Action No action is required.

Error Message MCASTFWD-3-MFWD_NO_MEM Format: Failed to allocate private memory for %s

Explanation The MCASTFWD process has run out of private memory.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message MCASTFWD-3-MTS_BIND Format: Error returned from mts_bind() for %s mts-q, errno: %s

Explanation MCASTFWD called an MTS API which returned an error.
Parameters: MTS Queue name, Error description ...

Recommended Action Dump core, and then restart component.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message MCASTFWD-3-MTS_DROP Format: Error returned from mts_drop() for %s queue, errno: %s

Explanation MCASTFWD called an MTS API which returned an error.
Parameters: MTS Queue name, Error description ...

Recommended Action Dump core, and then restart component.

Error Message MCASTFWD-3-MTS_RECV Format: Error returned from mts_recv() for %s queue, errno: %s

Explanation MCASTFWD called an MTS API which returned an error.
Parameters: MTS Queue name, Error description ...

Recommended Action Dump core, and then restart component.

Error Message MCASTFWD-3-MTS_SEND Format: Error returned from mts_send() for %s queue, errno: %s

Explanation MCASTFWD called an MTS API which returned an error.
Parameters: MTS Queue name, Error description ...

Recommended Action Dump core, and then restart component.

Error Message MCASTFWD-3-MUTEX_INIT Format: Couldn't init mutex %s

Explanation MCASTFWD process failed to initialize mutex system resource.
Parameters: Thread Name ...

Recommended Action Dump core, and then restart component.

Error Message MCASTFWD-3-NO_MBUF Format: Failed to allocate mbuf %s

Explanation The MCASTFWD process has run out of network buffers.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message MCASTFWD-3-NO_SET_PRIORITY Format: Failed to set policy or priority

Explanation MCASTFWD process could not set itself process priority, exiting.

Recommended Action No action is required.

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Error Message MCASTFWD-3-NO_SH_MEM Format: Failed to allocate shared memory %s

Explanation The MCASTFWD process has run out of shared memory
Parameters: Allocation type ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message MCASTFWD-3-NO_SHUTDOWN Format: Unable to shutdown %s

Explanation MCASTFWD process unable to shut itself down.
Parameters: Shutdown error information ...

Recommended Action Dump core, and then restart component.

Error Message MCASTFWD-3-PT_ADD Format: Couldn't add element to PT %s

Explanation MCASTFWD failed to update the local snooping-db entry.
Parameters: Patricia tree name ...

Recommended Action No action is required.

Error Message MCASTFWD-3-PT_DEL Format: Couldn't delete element from PT %s

Explanation MCASTFWD failed to delete the local snooping-db entry.
Parameters: Patricia tree name ...

Recommended Action No action is required.

Error Message MCASTFWD-3-PTHREAD_FAILED Format: %s failed in %s for thread %s

Explanation MCASTFWD process failed to create a task thread.
Parameters: Pthread operation, Function name, Thread name ...

Recommended Action Dump core, and then restart component.

Error Message MCASTFWD-3-PULLUP_FAILED Format: m_pullup() of %d bytes failed in %s

Explanation MCASTFWD process failed to process the packet, dropping it.
Parameters: Byte count, Function name ...

Recommended Action No action is required.

Error Message MCASTFWD-3-QUERIER_START_FAILED Format: %s failed in %s

Explanation MCASTFWD snoop failed to start the querier.
Parameters: Function name, Function name ...

Recommended Action No action is required.

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Error Message MCASTFWD-3-RCOUNT_DELETE Format: Route count delete failed for %s

Explanation MCASTFWD called an API which returned an error.
Parameters: Interface ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message MCASTFWD-3-RCOUNT_UPDATE Format: Route count update failed for %s

Explanation MCASTFWD called an API which returned an error.
Parameters: Interface ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message MCASTFWD-3-RDLOCK_ASSERT Format: %s:%d: Assert, read-lock not acquired

Explanation Caller Failed to get MCASTFWD Shared Memory read lock
Parameters: Function Name, Line ...

Recommended Action No action is required.

Error Message MCASTFWD-3-RESERVE_LIMIT Format: Exceeded reserve-limit for interface %s - dropping

Explanation Exceeded the reserve-limit for interface
Parameters: Interface ...

Recommended Action No action is required.

Error Message MCASTFWD-3-RESTART_REASON Format: MCASTFWD process has restarted, restart reason: %s\n

Explanation MCASTFWD is restoring the routes it had added in previous instance.
Parameters: Restart reason ...

Recommended Action No action is required.

Error Message MCASTFWD-3-RPORT_UPDATE Format: Router-port update failed for %s (%s)

Explanation MCASTFWD-SNOOP called an API which returned an error.
Parameters: Interface, Vlan ID ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

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Error Message MCASTFWD-3-SETRLIMIT_FAILED Format: Address space size increment of %ld failed, reason %s

Explanation MCASTFWD process could not set a memory resource limit
Parameters: Number of bytes ...

Recommended Action No action is required.

Error Message MCASTFWD-3-SLAB_CREATE Format: Slab alloc of type %s failed

Explanation MCASTFWD process failed to allocate Slab memory.
Parameters: Structure Type ...

Recommended Action Configure the network or router to decrease the number of routes.

Error Message MCASTFWD-3-SMALLOC Format: Shared mem malloc (%lu) failed in %s

Explanation MCASTFWD process is out of free shared memory.
Parameters: Type of malloc(size), Function Name ...

Recommended Action Configure the network or router to decrease the number of routes.

Error Message MCASTFWD-3-STATE_LIMIT Format: Exceeded state-limit for interface %s - dropping

Explanation Exceeded the state-limit for interface
Parameters: Interface ...

Recommended Action No action is required.

Error Message MCASTFWD-3-SYSMGR_DISPATCH Format: Error returned from sysmgr_dispatch(), errno: %s

Explanation MCASTFWD called the system manager API which returned an error.
Parameters: Error description ...

Recommended Action Dump core, and then restart component.

Error Message MCASTFWD-3-TIMER_FAILED Format: %s failed for %s in %s

Explanation MCASTFWD process failed to configure a timer event.
Parameters: Timer operation, Timer name, Function name ...

Recommended Action Dump core, and then restart component.

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Error Message MCASTFWD-3-TXLIST_CREATE Format: Couldn't create txlist for %s

Explanation MCASTFWD failed to create txlist resource.
Parameters: Data type ...

Recommended Action Dump core, and then restart component.

Error Message MCASTFWD-3-UNKNOWN_MTYPE Format: Unknown mtype: %d/%d in %s with opcode %d

Explanation MCASTFWD process received unknown Interprocess message, dropped.
Parameters: Major ID, Minor ID, Function name ...

Recommended Action No action is required.

Error Message MCASTFWD-3-VLAN_EXISTS Format: SNOOP: Couldn't create %s, already exists

Explanation MCASTFWD failed to create vlan resource.
Parameters: VLAN ID ...

Recommended Action No action is required.

Error Message MCASTFWD-3-vPC_API_FAILED Format: %s%s

Explanation API failed in vPC MCASTFWD snoop module.
Parameters: Error message, Error ...

Recommended Action No action is required.

Error Message MCASTFWD-3-vPC_ERROR Format: %s%s

Explanation vPC related messages.
Parameters: vPC related message, Error message ...

Recommended Action No action is required.

Error Message MCASTFWD-3-VRF_CREATE Format: MCASTFWD VRF creation failed for vrf %s

Explanation MCASTFWD process could not create the VRF context.
Parameters: VRF name ...

Recommended Action Dump core, then reload the stack.

Send document comments to nexus7k-docfeedback@cisco.com

MCASTFWD-6

Error Message MCASTFWD-6-AS_LIMIT_INCREASED Format: Address space size for %s increased %d times

Explanation MCASTFWD process incremented AS memory resource limit
Parameters: Module name, Increment count ...

Recommended Action No action is required.

Error Message MCASTFWD-6-HA_SEQNO_SYNC Format: HA sequence number sync to standby failed, %s

Explanation MCASTFWD-SNOOP HA sequence number synchronization to standby failed
Parameters: Error description ...

Recommended Action No action is required.

Error Message MCASTFWD-6-HA_STATEFUL Format: Stateful HA %s

Explanation MCASTFWD-SNOOP stateful restart status
Parameters: State description ...

Recommended Action No action is required.

Error Message MCASTFWD-6-HA_SYNC Format: HA sync to standby failed, %s

Explanation MCASTFWD-SNOOP HA synchronization message to standby failed
Parameters: Error description ...

Recommended Action No action is required.

Error Message MCASTFWD-6-RECEIVE_QUERY Format: Received %s interface %s from %s

Explanation MCASTFWD version mismatch, query still processed.
Parameters: MCASTFWD version mismatch, Interface, Source address ...

Recommended Action No action is required.

Error Message MCASTFWD-6-REG_SEND_MSG Format: Suppress PIM Data Register for (%s, %s) due to suppression-timer\n

Explanation Suppress PIM Data Register due to suppression-timer.
Parameters: Source address, Group address ...

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message MCASTFWD-6-RESERVE_LIMIT_WARNING Format: Exceeded 80% of the reserve-limit for interface %s

Explanation Exceeded 80% of the reserve-limit for interface
Parameters: Interface ...

Recommended Action No action is required.

Error Message MCASTFWD-6-RESTART_SHUTDOWN Format: MCASTFWD shutting self down via restart command

Explanation MCASTFWD process is shutting itself down due to the restart command.

Recommended Action No action is required.

Error Message MCASTFWD-6-SHUTDOWN Format: MCASTFWD shutting self down

Explanation MCASTFWD process is shutting itself down.

Recommended Action No action is required.

Error Message MCASTFWD-6-STATE_LIMIT_WARNING Format: Exceeded 80% of the state-limit for interface %s

Explanation Exceeded 80% of the state-limit for interface
Parameters: Interface ...

Recommended Action No action is required.

Error Message MCASTFWD-6-UNKNOWN_OPC Format: Received unknown mts opcode %d

Explanation MCASTFWD process received unknown Interprocess message, dropped.
Parameters: Operation Code ...

Recommended Action No action is required.

MRIB Messages

This section contains the MRIB messages.

Send document comments to nexus7k-docfeedback@cisco.com

MRIB-2

Error Message MRIB-2-API_INIT_SEM Format: Failed to init the client API semaphore: %s, create: %s

Explanation MRIB could not create the semaphore that protects access to the shared memory between MRIB and its clients.

Parameters: Operation, Error from the operation ...

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message MRIB-2-RES_MGR Format: Error returned from %s for %d keys, errno: 0x%08x (%s) in %s(). Current reservation is %d, new size is %d

Explanation The resource manager returned an error to MRIB, while MRIB was performing an action relating to its shared memory

Parameters: RM Function, Error Code, Error Description, Calling Function, Reserved resources, Reservation requested resources ...

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message MRIB-2-STARTUP_FAILURE Format: Startup failure: %s

Explanation An unrecoverable software error has occurred during MRIB startup.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

MRIB-3

Error Message MRIB-3-ACTIVE_TIMER_FAILED Format: active_timer_create() failed for mrib_main()

Explanation MRIB process failed to create a timer.

Recommended Action Dump core, then reload the stack.

Error Message MRIB-3-API_FAILED Format: %s failed

Explanation MRIB process failed in invoking an API.

Parameters: Function ...

Recommended Action No action is required.

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Error Message MRIB-3-BITFIELD_FAILED Format: %s failed in %s

Explanation MRIB process could not execute the bitfield operation.
Parameters: Bitfield Operation, Function Name ...

Recommended Action Dump core, then reload the stack.

Error Message MRIB-3-CONTEXT_BF_FAILED Format: bitfield_create() failed for context %s

Explanation MRIB process failed to create a bitfield for mRIB_ cibtype.
Parameters: Context Name ...

Recommended Action Dump core, then reload the stack.

Error Message MRIB-3-CV_INIT Format: Couldn't init cond var %s

Explanation MRIB process failed to initialize conditional-variable resource.
Parameters: Thread Name ...

Recommended Action Dump core, and then restart component.

Error Message MRIB-3-FTM_BAD_METER Format: %s failed for meter %s in %s

Explanation MRIB process failed to configure the multicast meter.
Parameters: FTM Operation, Type, Function ...

Recommended Action No action is required.

Error Message MRIB-3-FTM_BAD_MINOR Format: Unknown FTM mtype: 0x%4x

Explanation MRIB process received unsupported message type from FTM, ignored.
Parameters: Minor Type ...

Recommended Action No action is required.

Error Message MRIB-3-FTM_NO_XID Format: Cannot find FTM buffer, xid: %d

Explanation MRIB process could not match the sequence number for FTM message, ignored.
Parameters: Transaction ID ...

Recommended Action No action is required.

Error Message MRIB-3-INHERIT_FAILED Format: mrib_inherit_oifs(): bitfield is set but oif doesn't exist

Explanation MRIB process failed in inheriting OIFs for the (S,G) from (*,G).

Recommended Action No action is required.

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Error Message MRIB-3-INIT_SDB Format: %s Return Code: 0x%x Error String: %s

Explanation SDB initialization failed
Parameters: Message Return Code Error String ...

Recommended Action No action is required.

Error Message MRIB-3-INVALID_GROUP Format: Operation for invalid group %s received in %s

Explanation MRIB process received invalid group.
Parameters: Group, Function ...

Recommended Action No action is required.

Error Message MRIB-3-KSINK_LIB_ERROR Format: %s %s

Explanation A error was encountered during ksink operations.
Parameters: Error Description, MRIB Function ...

Recommended Action No action is required.

Error Message MRIB-3-LIB_API_FAILED Format: %s failed in %s

Explanation Process failed in invoking an API.
Parameters: API Call, Function ...

Recommended Action No action is required.

Error Message MRIB-3-LIB_DUP_REGISTER Format: mrib_register(): duplicate register by %s\

Explanation Dupilcate registration request to the MRIB process, igored.
Parameters: PIB Name ...

Recommended Action No action is required.

Error Message MRIB-3-LIB_MTS_FAILED Format: %s failed in %s, errno: %s, for %s

Explanation Failure in MRIB library to access mts-queue
Parameters: MTS Operation, Function, errno, MTS Queue ...

Recommended Action No action is required.

Error Message MRIB-3-LIB_SEM_INVALID Format: %s:%d: semaphore invalid in %s

Explanation MRIB semaphore was found to be invalid when performing a semaphore operation
Parameters: Function Name, Line ...

Recommended Action No action is required.

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Error Message MRIB-3-LIB_SEM_OP Format: %s:%d: semaphore operation %s failed

Explanation Caller failed to perform an operation on the MRIB semaphore
Parameters: Function Name, Line ...

Recommended Action No action is required.

Error Message MRIB-3-LIB_SM_FAILED Format: %s failed to access MRIB shared memory in %s, errno: %s

Explanation Process failed to access the The system shared memory resource.
Parameters: SM Operation, Function, errno ...

Recommended Action No action is required.

Error Message MRIB-3-MALLOC_FAILED Format: %s failed for %s

Explanation MRIB process is out of free memory.
Parameters: Alloc Routine, Structure Name ...

Recommended Action Configure the network or router to decrease the number of routes.

Error Message MRIB-3-MDT_API_FAILED Format: %s failed in %s

Explanation MRIB process failed in invoking an API.
Parameters: API, Function ...

Recommended Action No action is required.

Error Message MRIB-3-MFDM_NO_BUF Format: Cannot find MFDM buffer from route-ack for context %s

Explanation MRIB process could not find a route buffer in its queue from the MFDM message, ignored.
Parameters: Context Name, Address of the received buffer ...

Recommended Action No action is required.

Error Message MRIB-3-MQ_FAILED Format: %s failed in %s, errno: %s, for %s

Explanation MRIB process failed to access the The system shared memory resource.
Parameters: SM Operation, Function, errno ...

Recommended Action No action is required.

Error Message MRIB-3-MRIB_ALREADY_UP Format: mrib already running, exiting

Explanation Another MRIB process is already running, this process will shut down.

Recommended Action No action is required.

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Error Message MRIB-3-MTS_BIND Format: Error returned from mts_bind() for %s mts queue, errno: %s

Explanation MRIB called an MTS API which returned an error.
Parameters: Queue Name, errno ...

Recommended Action Dump core, and then restart component.

Error Message MRIB-3-MTS_DROP Format: Error returned from mts_drop(), errno: %s

Explanation MRIB called an MTS API which returned an error.
Parameters: errno ...

Recommended Action Dump core, and then restart component.

Error Message MRIB-3-MTS_NO_PAYLOAD_ERROR Format: Received MTS message with no payload on %s queue with opcode %d, dropping it

Explanation MRIB received an unknown message. The message is dropped.

Recommended Action No action is required.

Error Message MRIB-3-MTS_RECV Format: Error returned from mts_recv(), errno: %s

Explanation MRIB called an MTS API which returned an error.
Parameters: errno ...

Recommended Action Dump core, and then restart component.

Error Message MRIB-3-MTS_SHORT_MSG_ERROR Format: Received short (%d < %d) MTS message on %s queue with opcode %d, dropping it

Explanation MRIB received an unknown message. The message is dropped.

Recommended Action No action is required.

Error Message MRIB-3-MUTEX_INIT Format: Couldn't init mutex %s

Explanation MRIB process failed to initialize mutex system resource.
Parameters: Thread Name ...

Recommended Action Dump core, and then restart component.

Error Message MRIB-3-NO_FREE_GROUP Format: Unable to free group entry for %s

Explanation MRIB process unable to delete a route-table entry.
Parameters: Group ...

Recommended Action No action is required.

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Error Message MRIB-3-NO_FREE_SOURCE Format: Unable to free source entry for %s

Explanation MRIB process unable to delete a route-table entry.
Parameters: Source ...

Recommended Action No action is required.

Error Message MRIB-3-NO_GROUP Format: Unable to create group entry for %s

Explanation MRIB process unable to create the route entry in its route-table.
Parameters: Group ...

Recommended Action No action is required.

Error Message MRIB-3-NO_MARKER Format: Unable to find the txlist marker for VRF:%s for the client: %s

Explanation MRIB failed to find txlist resource.
Parameters: VRF name, client name ...

Recommended Action ACTION_SW_KEEP_RUNNING.

Error Message MRIB-3-NO_MPIB Format: Unable to get mpib index in mrib_register_internal()

Explanation MRIB process cannot register the protocol as it has run out of PIB indices.

Recommended Action Dump core, then reload the stack.

Error Message MRIB-3-NO_MPIB_FOR_ROUTE Format: Unable to creates mpib entry for %s for mpib %s in VRF %s

Explanation MRIB process unable to create the route entry in its route-table.
Parameters: Address, Protocol Name, VRF Name ...

Recommended Action No action is required.

Error Message MRIB-3-NO_SET_PRIORITY Format: Failed to set policy or priority

Explanation MRIB process could not set itself process priority, exiting.

Recommended Action No action is required.

Error Message MRIB-3-NO_SOURCE Format: Unable to create source entry for %s

Explanation MRIB process unable to create the route entry in its route-table.
Parameters: Source ...

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message MRIB-3-NO_TIMER Format: Could not create stale timer for \%s\
Parameters: %s

Explanation MRIB process cannot stale the routes for this protocol.
Parameters: PIB Name ...

Recommended Action Dump core, then reload the stack.

Error Message MRIB-3-NOTIFY_BUF_FAILED Format: Unable to create notification buffer's for client %s, aborting registration.
Parameters: %s

Explanation MRIB failed to create notification buffer for a client
Parameters: client name ...

Recommended Action ACTION_SW_KEEP_RUNNING.

Error Message MRIB-3-OPCODE_REGISTER Format: %s opcode: 0x%x ErrorString: %s
Parameters: %s

Explanation Opcode registration failed
Parameters: Message Return Code Error String ...

Recommended Action No action is required.

Error Message MRIB-3-PSS Format: Error returned from %s, errno: 0x%08x (%s) in %s()
Parameters: %s

Explanation MRIB called a PSS API which returned an error. The error reported should be examined for the cause.
Parameters: Failed API, Error Code, Error Description, MRIB Function ...

Recommended Action ERRMSG.

Error Message MRIB-3-PT_FAILED Format: %s failed in %s
Parameters: %s

Explanation MRIB process failed to update route-table for this event.
Parameters: PT Operation, Function Name ...

Recommended Action Dump core, then reload the stack.

Error Message MRIB-3-PTHREAD_FAILED Format: pthread_create() failed for mrib_main()
Parameters: %s

Explanation MRIB process failed to create a task thread.

Recommended Action Dump core, then reload the stack.

Error Message MRIB-3-RDLOCK_ASSERT Format: %s:%d: Assert, read-lock not acquired
Parameters: %s

Explanation Caller Failed to get MRIB Shared Memory read lock
Parameters: Function Name, Line ...

Recommended Action No action is required.

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Error Message MRIB-3-SYSMGR_DISPATCH Format: Error returned from sysmgr_dispatch(),
errno: %s

Explanation MRIB called the system manager API which returned an error.
Parameters: errno ...

Recommended Action Dump core, and then restart component.

Error Message MRIB-3-TIMER_FAILED Format: could not %s

Explanation MRIB process failed to configure a timer event.
Parameters: Message ...

Recommended Action Dump core, then reload the stack.

Error Message MRIB-3-TXLIST_CREATE Format: Couldn't create txlist for %s in VRF:%s

Explanation MRIB failed to create txlist resource.
Parameters: Data type, The VRF that failure occurred in ...

Recommended Action ACTION_SW_KEEP_RUNNING.

Error Message MRIB-3-UNKNOWN_MFDM_OPC Format: mrib_mfdm_main(): received unknown
opcode %d

Explanation MRIB process received unknown Interprocess message from MFDM, dropped.
Parameters: Opcode ...

Recommended Action No action is required.

Error Message MRIB-3-UNKNOWN_MRIB_MAJOR Format: mrib_main(): unknown major mtype:
%d

Explanation MRIB process received unknown Interprocess message, dropped.
Parameters: Major Type ...

Recommended Action No action is required.

Error Message MRIB-3-UNKNOWN_MRIB_MINOR Format: mrib_main(): unknown minor mtype:
%d

Explanation MRIB process received unknown Interprocess message, dropped.
Parameters: Minor Type ...

Recommended Action No action is required.

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Error Message MRIB-3-UNKNOWN_URIB Format: Received unknown URIB message type: %d

Explanation MRIB process received unknown message from URIB, dropped.
Parameters: Minor Type ...

Recommended Action No action is required.

Error Message MRIB-3-WRLOCK_ASSERT Format: %s:%d: Assert, write-lock not acquired

Explanation Caller Failed to get MRIB Shared Memory write lock
Parameters: Function Name, Line ...

Recommended Action No action is required.

MRIB-5

Error Message MRIB-5-API_INIT_SEM_CLEAR Format: Cleared the API semaphore from %d

Explanation The API semaphore was in an unexpected state, and was restored to a correct value.
Parameters: Value of semaphore ...

Recommended Action No action is required.

Error Message MRIB-5-RES_MGR_CHANGE Format: Changed m4route-mem from (%d, %d) to (%d, %d)

Explanation The requested limit-resource command was adapted to fit the limits in this version.
Parameters: Requested Min, Requested Max, New Min, New Max ...

Recommended Action No action is required.

MRIB-6

Error Message MRIB-6-MEMORY_OPTION Format: memory size must be >= 16MB and <= 2GB

Explanation Invalid memory size specified for MRIB process.

Recommended Action No action is required.

Error Message MRIB-6-SHUTDOWN Format: Shutting down MRIB process

Explanation MRIB process is shutting itself down.

Recommended Action No action is required.

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Error Message MRIB-6-SHUTDOWN_FAILED Format: Shutting down of MRIB process failed: %s

Explanation MRIB process is shutting itself down.
Parameters: Error String ...

Recommended Action No action is required.

Error Message MRIB-6-USAGE Format: Usage: mrib [-h] [-d] [-m <memory-in-mb>]

Explanation Usage for starting MRIB process.

Recommended Action No action is required.

MSDP Messages

This section contains the MSDP messages.

MSDP-2

Error Message MSDP-2-NO_ENQUEUE Format: Unable to enqueue send element for peer %s

Explanation MSDP process failed to send a message over the TCP socket to peer.
Parameters: Peer IP address ...

Recommended Action No action is required.

Error Message MSDP-2-NO_LISTEN_SOCKET Format: Fatal error, can't get listen socket setup in %s

Explanation MSDP process failed to obtain TCP packet.
Parameters: Function name ...

Recommended Action Dump core, and then restart component.

Error Message MSDP-2-OUT_OF_SYNC_TCP_LEN Format: TCP data stream may be out of sync, suspect TLV length of %d from peer %s

Explanation MSDP process received invalid packet length from peer.
Parameters: TLV length, Peer IP address ...

Recommended Action No action is required.

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Error Message MSDP-2-OUT_OF_SYNC_TCP_TYPE Format: TCP data stream may be out of sync, suspect TLV type of %d from peer %s

Explanation MSDP process received malformed TLV from peer.
Parameters: TLV type, Peer IP address ...

Recommended Action No action is required.

Error Message MSDP-2-SEND_QUEUE_CORRUPT Format: Send queue corrupted for peer %s

Explanation The TCP socket send queue is corrupted. Connection to peer will be reset.
Parameters: Peer IP address ...

Recommended Action No action is required.

MSDP-3

Error Message MSDP-3-ACCEPT Format: In %s, %s failed with errmsg: %s

Explanation MSDP process failed to accept connection.
Parameters: Function name, TSP API, Error message ...

Recommended Action No action is required.

Error Message MSDP-3-ALREADY_RUNNING Format: MSDP already running, exiting - %s

Explanation Another MSDP process is already running, this process will shut down.
Parameters: Error message ...

Recommended Action No action is required.

Error Message MSDP-3-API_FAILED Format: %s failed in %s

Explanation MSDP process failed in invoking an API.
Parameters: API name, Function in which API failed ...

Recommended Action No action is required.

Error Message MSDP-3-AS_NUMBER Format: MSDP/BGP local AS number is - %s

Explanation MSDP process local AS number
Parameters: AS number ...

Recommended Action No action is required.

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Error Message MSDP-3-CV_INIT Format: Couldn't init cond var %s

Explanation MSDP process failed to initialize conditional-variable resource.
Parameters: Thread Name ...

Recommended Action Dump core, and then restart component.

Error Message MSDP-3-FM_ERROR Format: FM could not shut down MSDP process

Explanation MSDP could not process the disable-req from FM.

Recommended Action Dump core, and then restart component.

Error Message MSDP-3-INVALID_TLV Format: Invalid TLV, type: %d, length: %d from peer %s

Explanation MSDP process received an invalid packet. Appropriate error packet returned.
Parameters: TLV type, TLV length, Peer IP address ...

Recommended Action No action is required.

Error Message MSDP-3-LIB_MTS_FAILED Format: %s failed in %s, errno: %s

Explanation Process failed to access the MSDP mts-queue.
Parameters: MTS function name, Function in which MTS function failed, Error message ...

Recommended Action No action is required.

Error Message MSDP-3-MALLOC_FAILED Format: %s failed in %s

Explanation MSDP process is out of free memory.
Parameters: Malloc function, Function in which Malloc failed ...

Recommended Action Configure the network or router to decrease the number of routes.

Error Message MSDP-3-MQ_FAILED Format: %s failed in %s, errno: %s

Explanation MSDP process failed to access the message-queue.
Parameters: MQ function name, Function in which MQ function failed, Error message ...

Recommended Action No action is required.

Error Message MSDP-3-MRIB_ROUTE Format: In %s, %s failed to add mrib route

Explanation MSDP process failed to add mRIB routes.
Parameters: Function name, mrib_add_route ...

Recommended Action No action is required.

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Error Message MSDP-3-MSDP_INIT Format: MSDP init failed: %s

Explanation MSDP process initialization failed.
Parameters: Component Name ...

Recommended Action Dump core, and then restart component.

Error Message MSDP-3-MTS_BIND Format: In %s, %s failed due to %s

Explanation MSDP called an MTS API which returned an error.
Parameters: Function name,MTS API,Error message ...

Recommended Action Dump core, and then restart component.

Error Message MSDP-3-MTS_DROP Format: Error returned from mts_drop(), errmsg: %s

Explanation MSDP called an MTS API which returned an error.
Parameters: Error message ...

Recommended Action Dump core, and then restart component.

Error Message MSDP-3-MTS_FAILED Format: %s failed in %s, errno: %s

Explanation MSDP process failed to access the mts-queue.
Parameters: MTS function name, Function in which MTS function failed, Error message ...

Recommended Action No action is required.

Error Message MSDP-3-MTS_RECV Format: Error returned from mts_recv(), errmsg: %s

Explanation MSDP called an MTS API which returned an error.
Parameters: Error message ...

Recommended Action Dump core, and then restart component.

Error Message MSDP-3-MUTEX_INIT Format: Couldn't init mutex %s

Explanation MSDP process failed to initialize mutex system resource.
Parameters: Thread Name ...

Recommended Action Dump core, and then restart component.

Error Message MSDP-3-NO_SET_PRIORITY Format: Failed to set policy or priority in %s

Explanation MSDP process could not set itself process priority, exiting.
Parameters: Function name ...

Recommended Action No action is required.

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Error Message MSDP-3-NO_SHUTDOWN Format: Unable to shutdown msdp_main_thread - %s

Explanation MSDP process unable to shut itself down.
Parameters: Message ...

Recommended Action Dump core, and then restart component.

Error Message MSDP-3-NOSOURCE Format: Resetting peer due to VRF change for connect-source %s

Explanation The configured interface used for the connect-source has moved to another VRF.

Recommended Action No action is required.

Error Message MSDP-3-PTHREAD_FAILED Format: %s failed in %s for thread %s

Explanation MSDP process failed to create a task thread.
Parameters: PTHREAD function name, Function in which PTHREAD function failed, Error message ...

Recommended Action Dump core, and then restart component.

Error Message MSDP-3-RESTART_REASON Format: MSDP process has restarted, restart reason: %s\n

Explanation MSDP is restoring the routes it had added in previous instance.
Parameters: Restart reason ...

Recommended Action No action is required.

Error Message MSDP-3-SDB_CLIENT_ERROR Format: Failed to initialize shared database client with status %x and errmsg: %s\n

Explanation MSDP process could not initialize shared database, client.
Parameters: Status,Error Message ...

Recommended Action No action is required.

Error Message MSDP-3-SELECT Format: In %s, %s failed with errmsg: %s

Explanation MSDP process failed to select.
Parameters: Function name, TSP API, Error message ...

Recommended Action No action is required.

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Error Message MSDP-3-SET_SOCKET_OPTIONS Format: In %s, %s failed for %s

Explanation MSDP process failed while setting socket options.
Parameters: Function name, API, Socket option ...

Recommended Action No action is required.

Error Message MSDP-3-SETRLIMIT_FAILED Format: Data segment allocation of %ld failed

Explanation MSDP process could not set a memory resource limit, exiting.
Parameters: Size ...

Recommended Action No action is required.

Error Message MSDP-3-SETSOCKOPT Format: In %s, %s failed while setting %s option with errmsg: %s

Explanation MSDP process failed while setting tsp socket options.
Parameters: Function name, TSP API, Socket option, Error message ...

Recommended Action No action is required.

Error Message MSDP-3-SETUPSOCKET_ERROR Format: In %s, %s failed to create connection with %s

Explanation MSDP process failed to select.
Parameters: Function name, TSP API, IP address ...

Recommended Action No action is required.

Error Message MSDP-3-SM_FAILED Format: %s failed in %s, errno: %s

Explanation MSDP process failed to access the The system shared memory resource.
Parameters: SM function name, Function in which SM function failed, Error message ...

Recommended Action No action is required.

Error Message MSDP-3-SOCKET_BIND Format: In %s, %s failed with errmsg %s for %s

Explanation MSDP process failed to bind.
Parameters: Function name, TSP API, Error message, IP address ...

Recommended Action No action is required.

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Error Message MSDP-3-SOCKET_CONNECT Format: In %s, %s failed to connect %s with context name:%s and errmsg: %s

Explanation MSDP process failed to connect to peer.
Parameters: Function name, TSP API, Peer IP address, Context name, Error message ...

Recommended Action No action is required.

Error Message MSDP-3-SOCKET_ERROR Format: In %s, %s failed with errmsg: %s

Explanation MSDP process failed to create socket.
Parameters: Function name, TSP API, Error message ...

Recommended Action No action is required.

Error Message MSDP-3-SYSMGR_DISPATCH Format: Error returned from sysmgr_dispatch(), errmsg: %s

Explanation MSDP called the system manager API which returned an error.
Parameters: Error message ...

Recommended Action Dump core, and then restart component.

Error Message MSDP-3-SYSMGR_INIT Format: Error in %s while %s

Explanation MSDP called a active timer API which returned an error.
Parameters: Function name,Cause ...

Recommended Action Dump core, and then restart component.

Error Message MSDP-3-TXLIST_CREATE Format: Couldn't create txlist for %s in VRF:%s

Explanation MSDP failed to create txlist resource.
Parameters: Data type, The VRF that failure occurred in ...

Recommended Action Dump core, and then restart component.

Error Message MSDP-3-UNKNOWN_MTYPE Format: Unknown mtype: %d/%d in %s

Explanation MSDP process received unknown Interprocess message, dropped.
Parameters: Major type, Minor type, Function name ...

Recommended Action No action is required.

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MSDP-6

Error Message MSDP-6-RESTART_SHUTDOWN Format: MSDP shutting self down via restart command

Explanation MSDP process is shutting itself down due to the restart command.

Recommended Action No action is required.

Error Message MSDP-6-SHUTDOWN Format: Shutting down MSDP - %s

Explanation MSDP process is shutting itself down.
Parameters: Reason for shutdown ...

Recommended Action No action is required.

Error Message MSDP-6-UNKNOWN_OPC Format: Received unknown mts opcode %d in %s

Explanation MSDP process received unknown Interprocess message, dropped.
Parameters: MTS opcode, Function name ...

Recommended Action No action is required.

OSPF Messages

This section contains the OSPF messages.

OSPF-1

Error Message OSPF-1-INIT Format: Unable to %s %s

Explanation An internal software error occurred.
Parameters: Action, Error ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message OSPF-1-LOWMEM Format: Low memory condition: %s

Explanation The router did not have enough memory to store certain data structures.
Parameters: Error ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

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Error Message OSPF-1-MCASTJOIN Format: Unable to join %s group on interface %s

Explanation An internal software error occurred.
Parameters: Multicast Group, Interface Id ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message OSPF-1-MCASTLEAVE Format: Unable to leave %s group on interface %s

Explanation An internal software error occurred.
Parameters: Multicast Group, Interface Id ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message OSPF-1-MQSEND Format: Unable to send message %s to %s

Explanation An internal software error occurred.
Parameters: Message, Destination ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message OSPF-1-NOEMEM Format: Malloc (%ld bytes) failed for: %s

Explanation The router did not have enough memory to store mentioned data structures.
Parameters: Size, Error ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message OSPF-1-SLABS Format: Could not create %s slabs

Explanation The router did not have enough memory to reserve space in advance for certain slab data structures.
Parameters: Slab Type ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message OSPF-1-STARTTHREAD Format: Unable to start thread %s (%d), error %s

Explanation An internal software error occurred.
Parameters: Thread name, Thread Id, Error ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

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Error Message OSPF-1-TAG Format: Unable to retrieve service tag on %s supervisor

Explanation An internal software error occurred.
Parameters: Active or Standby Supervisor ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message OSPF-1-TIMER Format: Unable to create %s timer on interface %s

Explanation An internal software error occurred.
Parameters: Timer, Interface Id ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

OSPF-2

Error Message OSPF-2-REDIST_VPN Format: Received VPN routes without extended community for %s/%d

Explanation An internal error
Parameters: None ...

Recommended Action No action is required.

OSPF-3

Error Message OSPF-3-BFD_SEND_AUTO_EXPIRY Format: BFD send auto expiry %s

Explanation OSPF could not send BFD auto expiry
Parameters: Status ...

Recommended Action No action is required.

Error Message OSPF-3-CLI_ALL_CMDS Format: Timed out waiting for CLI configuration (%s)

Explanation OSPF timed out waiting for CLI Server to send all OSPF configs
Parameters: Error ...

Recommended Action No action is required.

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Error Message OSPF-3-CLI_NON_IF_CMDS Format: Timed out waiting for router mode CLI configuration (%s)

Explanation OSPF timed out waiting for CLI Server to send router mode OSPF configs
Parameters: Error ...

Recommended Action No action is required.

Error Message OSPF-3-CMI_ERR Format: CMI error: %s.

Explanation CMI returned an error
Parameters: Error ...

Recommended Action No action is required.

Error Message OSPF-3-CMI_NO_VRF_ERR Format: CMI error: No %s VRF information found

Explanation CMI returned an error
Parameters: Error ...

Recommended Action No action is required.

Error Message OSPF-3-CTX Format: Error in subrouter context %s: %s

Explanation Error related to multiple subrouters and contexts
Parameters: Context, Error ...

Recommended Action No action is required.

Error Message OSPF-3-CTX_IF Format: Error in subrouter context for interface %s: %s

Explanation Error related to interface context
Parameters: Interface Id, Error ...

Recommended Action No action is required.

Error Message OSPF-3-HA_AREA Format: Unable to recreate area %d

Explanation OSPF could not do stateful restart
Parameters: Area Id ...

Recommended Action No action is required.

Error Message OSPF-3-HA_INTF Format: Unable to recreate interface %s

Explanation OSPF could not do stateful restart
Parameters: Interface Id ...

Recommended Action No action is required.

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Error Message OSPF-3-HA_INTF_AREA Format: Unable to add interface %s to area %s

Explanation OSPF could not do stateful restart
Parameters: Interface Id, Area Id ...

Recommended Action No action is required.

Error Message OSPF-3-HA_LSDB_AREA Format: Unable to find LSA area %s

Explanation OSPF could not do stateful restart
Parameters: Area Id ...

Recommended Action No action is required.

Error Message OSPF-3-HA_LSDB_INSTALL Format: Unable to install LSA %s, area %s %s

Explanation OSPF could not do stateful restart
Parameters: LSA, Area Id, Interface Id ...

Recommended Action No action is required.

Error Message OSPF-3-HA_LSDB_LINK Format: Unable to find link LSA interface/area

Explanation OSPF could not do stateful restart.

Recommended Action No action is required.

Error Message OSPF-3-HA_LSID Format: Unable to reserve LSID %d for %s LSA %s

Explanation OSPF could not do stateful restart
Parameters: LSA type, Interface name ...

Recommended Action No action is required.

Error Message OSPF-3-HA_NBR Format: Unable to recreate neighbor %s

Explanation OSPF could not do stateful restart
Parameters: Neighbor Id ...

Recommended Action No action is required.

Error Message OSPF-3-HA_NBR_INTF Format: Unable to find interface index %ld for neighbor %s

Explanation OSPF could not do stateful restart
Parameters: Interface Index, Neighbor Id ...

Recommended Action No action is required.

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Error Message OSPF-3-HA_NO_SR Format: Unable to find sr %d

Explanation OSPF could not do stateful restart
Parameters: Subrouter Id ...

Recommended Action No action is required.

Error Message OSPF-3-HA_SR Format: Unable to recreate sr %d

Explanation OSPF could not do stateful restart
Parameters: Subrouter Id ...

Recommended Action No action is required.

Error Message OSPF-3-HEAPSIZE Format: Error increasing heap size to %d, error %d

Explanation Reduced heap size will limit the LSDB size.
Parameters: Size, Error ...

Recommended Action No action is required.

Error Message OSPF-3-IF_INVALID Format: Unable to find interface %s

Explanation OSPF could not find an interface
Parameters: Interface name ...

Recommended Action No action is required.

Error Message OSPF-3-INVALID_TLV Format: Found corrupted TLV, LSA %s

Explanation Error while parsing TLV.
Parameters: LSA ...

Recommended Action No action is required.

Error Message OSPF-3-ISSU_GR_DISABLED Format: Aborting ISSU, GR is disabled in %d out of %d contexts Parameters: Contexts, Contexts ...

Explanation ISSU requires OSPF GR to be enabled for all contexts.

Recommended Action No action is required.

Error Message OSPF-3-ISSU_GR_FAILED Format: Aborting ISSU, GR failed in %d out of %d contexts Parameters: Contexts, Contexts ...

Explanation ISSU requires successful OSPF GR in all contexts.

Recommended Action No action is required.

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Error Message OSPF-3-ISSU_GR_IN_HELPER_MODE Format: Aborting ISSU, OSPF in GR helper mode in %d contexts Parameters: Contexts ...

Explanation ISSU requires stable OSPF topology in all contexts.

Recommended Action No action is required.

Error Message OSPF-3-ISSU_GR_IN_PROGRESS Format: Aborting ISSU, GR in progress in %d out of %d contexts Parameters: Contexts, Contexts ...

Explanation ISSU requires stable OSPF topology in all contexts.

Recommended Action No action is required.

Error Message OSPF-3-MAXIFS Format: Exceeded the limit on interfaces per area [i.e %d]

Explanation Restricting the number of interfaces per area to avoid problems during lsa generation. Parameters: Interface Limit ...

Recommended Action Reduce the number of interfaces per area.

Error Message OSPF-3-MAXLSAS Format: Maximum number of LSAs in domain has been reached

Explanation The OSPF domain contains more LSAs than this router can store.

Recommended Action Redesign the network to redistribute less external routes into the OSPF domain.

Error Message OSPF-3-MIB_FAIL Format: Failed to %s the MIB

Explanation Error while loading or unloading the MIB. Parameters: action ...

Recommended Action No action is required.

Error Message OSPF-3-MTS_BIND Format: Error returned from mts_bind(), errno: %s

Explanation OSPF called an MTS API which returned an error. Parameters: Error ...

Recommended Action No action is required.

Error Message OSPF-3-MTS_DROP Format: Error returned from mts_drop(), errno: %s

Explanation OSPF called an MTS API which returned an error. Parameters: Error ...

Recommended Action No action is required.

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Error Message OSPF-3-MTS_NOTIFY Format: Error returned from mts_send_notify(),
errno: %s

Explanation OSPF called an MTS API which returned an error.
Parameters: Error ...

Recommended Action No action is required.

Error Message OSPF-3-MTS_RECV Format: Error returned from tsp_mts_recv(), errno: %s

Explanation OSPF called an MTS API which returned an error.
Parameters: Error ...

Recommended Action No action is required.

Error Message OSPF-3-PSS_AREA Format: PSS %s for area %ld failed

Explanation OSPF called a PSS API which returned an error.
Parameters: Action, Area Id ...

Recommended Action No action is required.

Error Message OSPF-3-PSS_GLOBAL Format: PSS %s for global data failed

Explanation OSPF called a PSS API which returned an error.
Parameters: Action ...

Recommended Action No action is required.

Error Message OSPF-3-PSS_INTF Format: PSS %s for interface %s failed

Explanation OSPF called a PSS API which returned an error.
Parameters: Action, Interface Id ...

Recommended Action No action is required.

Error Message OSPF-3-PSS_LSDB Format: PSS %s for LSA %s failed

Explanation OSPF called a PSS API which returned an error.
Parameters: Action, LSA ...

Recommended Action No action is required.

Error Message OSPF-3-PSS_NBR Format: PSS %s for neighbor %s failed

Explanation OSPF called a PSS API which returned an error.
Parameters: Action, Neighbor Id ...

Recommended Action No action is required.

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Error Message OSPF-3-PSS_READ Format: PSS read for %s information failed

Explanation The system has detected an error.
Parameters: Data ... ; Explanation: OSPF called a PSS API which returned an error.

Recommended Action No action is required.

Error Message OSPF-3-PSS_SR Format: PSS %s for sr %ld failed

Explanation OSPF called a PSS API which returned an error.
Parameters: Action, Subrouter Id ...

Recommended Action No action is required.

Error Message OSPF-3-ROUTEDEL Format: Route deletion %s/%d failed

Explanation Internal Error.
Parameters: Prefix, Length ...

Recommended Action No action is required.

Error Message OSPF-3-SMALLBUF Format: %s packet doesn't fit in buffer (packet %d/
buffer %d)

Explanation The router has allocated a packet buffer that was too small.
Parameters: Packet Type, Packet Size, Buffer Size ...

Recommended Action No action is required.

Error Message OSPF-3-TLV_INTF Format: Failed to convert to %s for %s

Explanation OSPF called an TLV intf which returned an error.
Parameters: Action, Data ...

Recommended Action No action is required.

Error Message OSPF-3-UNAWAKABLE Format: Trying to awake unawakable thread %s

Explanation Thread cannot be wokenup at this time
Parameters: Thread Name ...

Recommended Action No action is required.

Error Message OSPF-3-UNKNOWN SIG Format: Received unknown signal: %d

Explanation An unexpected software interruption was received.
Parameters: Signal ...

Recommended Action No action is required.

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OSPF-4

Error Message OSPF-4-AF_NO_FUNC Format: Function %s not supported by OSPF version %s

Explanation Function is not specified for the current address family
Parameters: Function Name, OSPF Version ...

Recommended Action No action is required.

Error Message OSPF-4-AREA_ERR Format: Packet from %s on %s received for wrong area %s

Explanation A OSPF packet not belonging to this area was received
Parameters: Source IP address, Interface name, Area ID ...

Recommended Action No action is required.

Error Message OSPF-4-AUTH_ERR Format: Received packet from %s on %s with bad authentication %hx

Explanation A OSPF packet with mismatched authentication type was received
Parameters: Source IP address, Interface name, Type ...

Recommended Action No action is required.

Error Message OSPF-4-CKSM_ERR Format: Bad OSPF checksum in packet %hx computed %hx from %s on %s

Explanation A OSPF packet with invalid checksum was received
Parameters: Checksum value, Checksum value, Source IP address, Interface name ...

Recommended Action No action is required.

Error Message OSPF-4-CLEANUP Format: OSPF is exiting, reason %s(0x%x) ; Parameters: Reason string, Reason no. ...

Explanation OSPF has been deconfigured or restarted.

Recommended Action No action is required.

Error Message OSPF-4-DEST_INVALID Format: Bad destination address %s

Explanation A OSPFv3 packet with muticast source address was received
Parameters: Source IP address ...

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message OSPF-4-DUPRID Format: Router %s on interface %s is using our routerid, packet dropped

Explanation Two routers are configured with the same router ID.
Parameters: Router Id, Interface Id ...

Recommended Action Check all routers on the indicated interface for misconfigurations.

Error Message OSPF-4-IF_ERR Format: Packet from %s received on %s interface %s

Explanation A OSPF packet not belonging to this interface was received
Parameters: Source IP address, reason, Interface ...

Recommended Action No action is required.

Error Message OSPF-4-INVALIDOUT Format: Trying to send packet with packettype %d to %s on %s

Explanation The router tried to send unknown OSPF packet.
Parameters: Packet Type, Destination, Interface Id ...

Recommended Action No action is required.

Error Message OSPF-4-NEIGH_ERR Format: Neighbor %s not found, packet dropped

Explanation A non-hello OSPF packet with no neighbor was received
Parameters: Source IP address ...

Recommended Action No action is required.

Error Message OSPF-4-PKTLEN_ERR Format: Packet received from %s on %s has length %d which is less than %s %d

Explanation A OSPF packet with invalid length was received
Parameters: Source IP address, Interface name, Packet length, Type, Header length ...

Recommended Action No action is required.

Error Message OSPF-4-PKTTYPER_ERR Format: Unknown type %d received from %s on %s

Explanation A OSPF packet with incorrect packet type was received
Parameters: Packet type, Source IP address, Interface name ...

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message OSPF-4-REDIST_MAX_PFX Format: Redistribution prefix limit has been reached - %d prefixes

Explanation Check if redistribuTion of large number of prefixes is desired and has not been configured by mistake
Parameters: Number of prefixes ...

Recommended Action No action is required.

Error Message OSPF-4-REDIST_THR_PFX Format: Redistribution prefix threshold has been reached - %d prefixes

Explanation Check if redistribuTion of large number of prefixes is desired and has not been configured by mistake
Parameters: Number of prefixes ...

Recommended Action No action is required.

Error Message OSPF-4-RESTART_SHUTDOWN Format: OSPF shutting self down via restart command

Explanation OSPF process is shutting itself down due to the restart command.

Recommended Action No action is required.

Error Message OSPF-4-SELF_LSA Format: context %s: %s

Explanation Router received a newer copy of an LSA generated by itself. Two routers may be configured with the same router ID or a router which was disconnected from the network has come back.
Parameters: Context, Message ...

Recommended Action Verify if the router ID for the router is unique in the network.

Error Message OSPF-4-SOURCE_ERR Format: Bad source address %s - ours on %s

Explanation A OSPF packet with our own source address was received
Parameters: IP address, Interface name ...

Recommended Action No action is required.

Error Message OSPF-4-SRC_INVALID Format: Invalid src address %s, should not be seen on %s

Explanation A OSPF packet packet with source address not on this network was received
Parameters: Source IP address, Interface name ...

Recommended Action No action is required.

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Error Message OSPF-4-SRC_MCAST Format: Bad source address %s - multicast on %s

Explanation A OSPFv3 packet with muticast source address was received
Parameters: Source IP address ...

Recommended Action No action is required.

Error Message OSPF-4-VERSION_ERR Format: Bad ospf version %d received from %s on %s

Explanation A OSPF packet with incorrect version number was received
Parameters: Version number, Source IP address, Interface name ...

Recommended Action No action is required.

Error Message OSPF-4-WRONGQ Format: Found wrong type of packet (%d) on internal %s queue

Explanation Did not expect the specified packet type on the given incoming message queue
Parameters: Packet Type, Queue ...

Recommended Action No action is required.

OSPF-5

Error Message OSPF-5-ADJCHANGE Format: Nbr %s on %s went %s

Explanation An OSPF neighborship has just been established. Or a neighborship has just been shutdown.
Parameters: Neighbor Id, Interface Id, New State ...

Recommended Action No action is required.

Error Message OSPF-5-BFD_DOWN Format: BFD state Down for %s on %s (area %s) BFD code %d

Explanation The system has detected an error.
Parameters: Neighbor Id, Interface Id, Area Id, BFD code ... Explanation: OSPF received BFD down notification.

Recommended Action No action is required.

Error Message OSPF-5-NBRSTATE Format: Process %s, Nbr %s on %s from %s to %s, %s

Explanation The system has detected an error.
Parameters: Process tag, Neighbor Id, Interface Id, Old State, New State, Event ... Explanation: An OSPF neighbor has just changed its state.

Recommended Action No action is required.

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OSPF-6

Error Message OSPF-6-DECONFIG_SHUTDOWN Format: OSPF shutting self down via deconfiguration

Explanation OSPF process is shutting itself down due to the deconfiguration command.

Recommended Action No action is required.

Error Message OSPF-6-HA_DB_REBUILD Format: HA run-time database buildup %s

Explanation OSPF stateful restart status
Parameters: Action ...

Recommended Action No action is required.

Error Message OSPF-6-HA_STATEFUL Format: Stateful HA %s

Explanation OSPF stateful restart status
Parameters: Action ...

Recommended Action No action is required.

Error Message OSPF-6-MTS_UNKNOWN_MSG Format: Received unknown MTS message with opcode %d, dropping it

Explanation OSPF received an unknown MTS message. The message will be dropped
Parameters: MTS Opcode ...

Recommended Action No action is required.

Error Message OSPF-6-SHUTDOWN_REQUEST_FAIL Format: OSPF shutdown request failed, %s

Explanation OSPF request to system manager for permission to shutdown was turned down.
Parameters: Error ...

Recommended Action No action is required.

Error Message OSPF-6-START Format: Starting OSPF %s, %s

Explanation OSPF process is starting due to the specified reason.
Parameters: Process name, Reason ...

Recommended Action No action is required.

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Error Message OSPF-6-UNKNOWN_SHUTDOWN Format: OSPF shutting self down due to unknown reason

Explanation OSPF process is shutting itself down due to unknown reason.

Recommended Action No action is required.

PCL Messages

This section contains the PCL messages.

PCL-2

Error Message PCL-2-MALLOC_FAILED Format: malloc() failed for allocating %s in %s()

Explanation PCL process is out of heap memory.

Recommended Action No action is required.

Error Message PCL-2-SLAB_ALLOC_FAILED Format: slab_calloc() failed for allocating %s in %s()

Explanation PCL process is out of heap memory.

Recommended Action No action is required.

Error Message PCL-2-SMALLOC_FAILED Format: smalloc() failed for allocating %s in %s()

Explanation PCL process is out of shared memory. This could be due to temporary increase in the number of policies configured to a very high value.

Recommended Action No action is required.

PCL-3

Error Message PCL-3-API_FAILED Format: %s - failed in %s()

Explanation An unexpected but manageable event has occurred.;

Recommended Action No action is required.

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Error Message PCL-3-API_FAILED_NUM Format: %s - failed for %d in %s()

Explanation An unexpected but manageable event has occurred.;

Recommended Action No action is required.

Error Message PCL-3-API_FAILED_NUM_NUM Format: %s - failed for %d %d in %s()

Explanation An unexpected but manageable event has occurred.;

Recommended Action No action is required.

Error Message PCL-3-API_FAILED_STR Format: %s - failed for %s in %s()

Explanation An unexpected but manageable event has occurred.;

Recommended Action No action is required.

Error Message PCL-3-API_FAILED_STR_NUM Format: %s - failed for %s %d in %s()

Explanation An unexpected but manageable event has occurred.;

Recommended Action No action is required.

Error Message PCL-3-API_FAILED_STR_STR Format: %s - failed for %s %s in %s()

Explanation An unexpected but manageable event has occurred.;

Recommended Action No action is required.

Error Message PCL-3-MQ_FAILED Format: %s failed, errno: %s in %s()

Explanation An unexpected but manageable event has occurred.;

Recommended Action No action is required.

Error Message PCL-3-MQ_FAILED_NAME Format: %s failed for client %s, errno: %s in %s()

Explanation An unexpected but manageable event has occurred.;

Recommended Action No action is required.

Error Message PCL-3-MQ_FAILED_PID Format: %s failed to client pid: %d, errno: %s in %s()

Explanation An unexpected but manageable event has occurred.;

Recommended Action No action is required.

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Error Message PCL-3-MTS_DROP Format: Error returned from mts_drop(), errno: %s

Explanation PCL called an MTS API which returned an error.

Recommended Action No action is required.

Error Message PCL-3-MTS_RECV Format: Error returned from tsp_mts_recv(), errno: %s

Explanation PCL called an MTS API which returned an error.

Recommended Action No action is required.

Error Message PCL-3-WORK_THREAD_FAILIURE Format: %s failed for policy %s %s to client %s count %d in %s()

Explanation PCL work thread item failed after repeated attempts. This could be either due to too many policies configured or some of PCL client's message queues are full.

Recommended Action No action is required.

PCL-6

Error Message PCL-6-MTS_UNKNOWN_MSG Format: Received unknown MTS message with opcode %d, dropping it

Explanation PCL received an unknown message. The message is dropped.

Recommended Action No action is required.

Error Message PCL-6-PKT_LOG Format: %s

Explanation Packet header logging by access-rules.

Recommended Action No action is required.

PCL-7

Error Message PCL-7-DEBUG Format: %s

Explanation PCL Debug information.

Recommended Action No action is required.

PIM Messages

This section contains the PIM messages.

Send document comments to nexus7k-docfeedback@cisco.com

PIM-2

Error Message PIM-2-SHM_LOCK_CREAT Format: Failed to create shared memory lock: %s

Explanation The system has failed to initialize.
Parameters: Error Name ...

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message PIM-2-STARTUP_DEBUG Format: %s in %s

Explanation The system has failed to initialize.
Parameters: Error, Function Name ...

Recommended Action No action is required.

PIM-3

Error Message PIM-3-ADD_ROUTE Format: Couldn't add PIM route %s in %s

Explanation PIM failed to update the local route-table entry.
Parameters: Addresses, Function Name ...

Recommended Action No action is required.

Error Message PIM-3-API_CLOSE Format: Couldn't close %s API

Explanation PIM failed to close API opened with the component.
Parameters: Component Name ...

Recommended Action No action is required.

Error Message PIM-3-API_FAILED Format: %s failed in %s

Explanation PIM process failed in invoking an API.
Parameters: Function Name ...

Recommended Action No action is required.

Error Message PIM-3-API_INIT Format: Couldn't initialize %s API

Explanation PIM failed to open API to interact with the component.
Parameters: Component Name ...

Recommended Action No action is required.

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Error Message PIM-3-ATTACH_SHM Format: Couldn't attach to shm of %s

Explanation PIM process failed to open a shared memory resource.
Parameters: Shared Memory Segment Name ...

Recommended Action Dump core, and then restart component.

Error Message PIM-3-AVL_ERROR Format: AVL-tree operation %s failed for %s

Explanation PIM process failed in an AVL-tree manipulation.
Parameters: AVL tree operation, Tree name ...

Recommended Action No action is required.

Error Message PIM-3-BF_CONVERT Format: bitfield_convert() failed

Explanation PIM failed to convert a compressed bitfield.

Recommended Action Dump core, and then restart component.

Error Message PIM-3-BF_CREATE Format: Couldn't create %s bitfield

Explanation PIM failed to create bitfield resource.
Parameters: List Name ...

Recommended Action Dump core, and then restart component.

Error Message PIM-3-BFD_ADD_FAIL Format: %s request for interface %s failed in %s
Explanation: BFD session add failed

Explanation The system has detected an error.
Parameters: API name, Interface name, Function name ...

Recommended Action Dump core, and then restart component.

Error Message PIM-3-BFD_API_FAIL Format: %s request failed in %s Explanation: BFD API failed

Explanation The system has detected an error.
Parameters: API name, Function name ...

Recommended Action Dump core, and then restart component.

Error Message PIM-3-BFD_SEND_AUTO_EXPIRY Format: Unable to start BFD staling, error %s

Explanation PIM BFD staling API failed
Parameters: Error string ...

Recommended Action Dump core, and then restart component.

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Error Message PIM-3-BFD_SES_REMOVE_ALL Format: Unable to cleanup the BFD sessions during deconfiguration, error %s

Explanation The system is unable to cleanup BFD sessions
Parameters: Error string ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message PIM-3-BIND Format: bind() on %s failed: %s

Explanation PIM failed to bind UDP socket. Auto-RP will not work.
Parameters: Function Error String ...

Recommended Action Dump core, and then restart component.

Error Message PIM-3-COMP_DEREG Format: Unable to de-register with %s

Explanation PIM failed to de-register with a server component.
Parameters: Component Name ...

Recommended Action No action is required.

Error Message PIM-3-COMP_REG Format: Unable to register with %s

Explanation PIM failed to register with a server component.
Parameters: Component Name ...

Recommended Action Dump core, and then restart component.

Error Message PIM-3-CONFCHECK Format: Failed to %s Tunnel multicast concheck Capability. error: %s

Explanation Could not add/delete confcheck capability
Parameters: Operation, Error ...

Recommended Action No action is required.

Error Message PIM-3-CREATE_ROUTE Format: Couldn't create PIM route for %s in %s

Explanation PIM failed to update the local route-table entry.
Parameters: Addresses, Function Name ...

Recommended Action No action is required.

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Error Message PIM-3-CV_INIT Format: Couldn't init cond var %s

Explanation PIM process failed to initialize conditional-variable resource.
Parameters: Thread Name ...

Recommended Action Dump core, and then restart component.

Error Message PIM-3-DEL_IF Format: Couldn't delete interface %s from PIM route %s in %s ; Explanation: PIM failed to delete the outgoing interface from route-table entry.

Explanation The system has detected an error.
Parameters: Interface, Addresses, Function Name ...

Recommended Action No action is required.

Error Message PIM-3-DEL_ROUTE Format: Couldn't delete PIM route %s in %s

Explanation PIM failed to delete the local route-table entry.
Parameters: Addresses, Function Name ...

Recommended Action No action is required.

Error Message PIM-3-FREE_ROUTE Format: Couldn't free PIM route %s in %s

Explanation PIM failed to delete the route-table entry.
Parameters: Addresses, Function Name ...

Recommended Action No action is required.

Error Message PIM-3-GET_RP_FAIL Format: %s: %s for group %s

Explanation PIM API for getting RP address failed
Parameters: Function Name, reason, group address ...

Recommended Action No action is required.

Error Message PIM-3-HEARTBEAT_TIMER Format: Unable to create heartbeat timer in %s

Explanation The system is unable to create heartbeat timer
Parameters: Function Name ...

Recommended Action Dump core, and then restart component.

Error Message PIM-3-IGMP_DOWN Format: Couldn't enable PIM on %s, IGMP is not up

Explanation PIM is not enabled on the interface, as it requires IGMP to be up.
Parameters: Interface ...

Recommended Action No action is required.

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Error Message PIM-3-IM_EXT Format: Couldn't set IM-extension for interface %s

Explanation PIM process failed to set IM extension.
Parameters: Interface ...

Recommended Action Dump core, and then restart component.

Error Message PIM-3-INIT_MTS_SAP Format: mts_bind() failed in pim_init_mts(),
errno: %s

Explanation The system is unable to open MTS SAP
Parameters: Error String ...

Recommended Action Dump core, and then restart component.

Error Message PIM-3-LIB_API_FAILED Format: %s failed in %s

Explanation PIM client failed in invoking an API.
Parameters: Function Name ...

Recommended Action No action is required.

Error Message PIM-3-LIB_API_INIT Format: Couldn't initialize %s API

Explanation PIM failed to open API to interact with the component.
Parameters: Component Name ...

Recommended Action No action is required.

Error Message PIM-3-LIB_MALLOC Format: Private mem malloc (%lu) failed in %s

Explanation Process is out of free private memory.
Parameters: Type of malloc(size), Function Name ...

Recommended Action Configure the network or router to decrease the number of routes.

Error Message PIM-3-LIB_MTS_SEND Format: mts_send() failed for %s, errno: %s

Explanation Process called an MTS API which returned an error.
Parameters: Error String ...

Recommended Action Dump core, and then restart component.

Error Message PIM-3-LIB_SM_CLOSE Format: Couldn't close shm segment %s

Explanation PIM process failed to remove shared memory resource.
Parameters: Shared Memory Segment Name ...

Recommended Action No action is required.

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Error Message PIM-3-LIB_SM_OPEN Format: Couldn't open shm segment %s

Explanation PIM process failed to initialize shared memory resource.
Parameters: Shared Memory Segment Name ...

Recommended Action Dump core, and then restart component.

Error Message PIM-3-MALLOC Format: Private mem malloc (%lu) failed in %s

Explanation PIM process is out of free private memory.
Parameters: Type of malloc(size), Function Name ...

Recommended Action Configure the network or router to decrease the number of routes.

Error Message PIM-3-MCEC_MSG Format: %s

Explanation PIM VPC related messages
Parameters: String ...

Recommended Action Dump core, and then restart component.

Error Message PIM-3-MQCLOSE Format: Couldn't close %s mq: %s

Explanation PIM failed to close the message-queue resource.

Recommended Action No action is required.

Error Message PIM-3-MQFLUSH Format: Couldn't flush %s mq: %s

Explanation PIM failed to remove stale messages from the message-queue.

Recommended Action No action is required.

Error Message PIM-3-MQLOOP_CREATE Format: Couldn't create %s mqloop: %s

Explanation PIM failed to create the mqloop resource.
Parameters: MSG Queue Name, Error String ...

Recommended Action Dump core, and then restart component.

Error Message PIM-3-MQLOOP_REGHAND Format: Couldn't register all handlers for %s mqloop

Explanation PIM failed to initialize handlers the mqloop resource.
Parameters: MSG Queue Name ...

Recommended Action Dump core, and then restart component.

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Error Message PIM-3-MQLOOP_SHUTDOWN Format: Couldn't shutdown %s mqloop

Explanation PIM failed to shutdown the mqloop resource.
Parameters: MSG Queue Name ...

Recommended Action No action is required.

Error Message PIM-3-MQLOOP_START Format: Couldn't start %s mqloop

Explanation PIM failed to initialize the mqloop resource.
Parameters: MSG Queue Name, Error String ...

Recommended Action Dump core, and then restart component.

Error Message PIM-3-MQOPEN Format: Couldn't open %s mq: %s

Explanation PIM failed to open the message-queue resource.
Parameters: Component, Function Name ...

Recommended Action Dump core, and then restart component.

Error Message PIM-3-MQSEND Format: mq_send() error on %s queue in %s

Explanation PIM failed to send an IPC message on the message-queue.
Parameters: Component, Function Name ...

Recommended Action No action is required.

Error Message PIM-3-MRIB_ADD_ROUTE Format: MRIB add route failed in %s

Explanation PIM failed to add route in MRIB.
Parameters: Function Name ...

Recommended Action No action is required.

Error Message PIM-3-MRIB_DEL_ROUTE Format: MRIB delete route failed in %s

Explanation PIM failed to delete route in MRIB.
Parameters: Function Name ...

Recommended Action No action is required.

Error Message PIM-3-MRIB_NO_SHARED_TREE Format: MRIB shared tree entry absent for group %s/%d

Explanation MRIB route unexpectedly absent for a group entry.
Parameters: Group address Group mask length ...

Recommended Action No action is required.

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Error Message PIM-3-MSDP_ORIG_DATASA Format: Couldn't originate MSDP data SA in %s

Explanation PIM failed to notify MSDP to originate data SA message.
Parameters: Function Name ...

Recommended Action No action is required.

Error Message PIM-3-MTS_DROP Format: Error returned from mts_drop(), errno: %s

Explanation PIM called an MTS API which returned an error.
Parameters: Error String ...

Recommended Action Dump core, and then restart component.

Error Message PIM-3-MTS_INIT Format: Could not initialize MTS for %s

Explanation The system is unable to register opcodes
Parameters: Service / Queue description ...

Recommended Action Dump core, and then restart component.

Error Message PIM-3-MTS_RECV Format: Error returned from mts_recv(), errno: %s

Explanation PIM called an MTS API which returned an error.
Parameters: Error String ...

Recommended Action Dump core, and then restart component.

Error Message PIM-3-MTS_REGISTER Format: mts_register failed for PIM: %s

Explanation PIM was unable to register an MTS notification.

Recommended Action No action is required.

Error Message PIM-3-MTS_SEND Format: mts_send() failed for %s, errno: %s

Explanation PIM called an MTS API which returned an error.
Parameters: Error String ...

Recommended Action Dump core, and then restart component.

Error Message PIM-3-MTS_UNBIND Format: mts_unbind() failed in %s for queue %s with err: %s

Explanation mts_unbind failure
Parameters: Function name, Queue name, Error String ...

Recommended Action Dump core, and then restart component.

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Error Message PIM-3-MTSOPEN Format: Couldn't bind %s mts-q: %s

Explanation PIM failed to open the MTS-queue resource.
Parameters: MSG Queue Name, Error String ...

Recommended Action Dump core, and then restart component.

Error Message PIM-3-MUTEX_INIT Format: Couldn't init mutex %s

Explanation PIM process failed to initialize mutex system resource.
Parameters: Thread Name ...

Recommended Action Dump core, and then restart component.

Error Message PIM-3-MV_INIT Format: Couldn't init mutex %s

Explanation PIM process failed to initialize mutex system resource.
Parameters: Data type ...

Recommended Action Dump core, and then restart component.

Error Message PIM-3-NO_SET_PRIORITY Format: Failed to set policy or priority

Explanation PIM process could not set itself process priority, exiting.

Recommended Action No action is required.

Error Message PIM-3-OIM_REGISTER_FAIL Format: Unable to register with OIM module in %s
Explanation: MVPN module couldnt register with OIM module

Explanation The system has detected an error.
Parameters: API name, Function name ...

Recommended Action Dump core, and then restart component.

Error Message PIM-3-OPCODE_REG Format: Could not register opcode 0x%x, reason %s

Explanation The system is unable to register opcodes
Parameters: MTS Opcode, Error string ...

Recommended Action Dump core, and then restart component.

Error Message PIM-3-PIM_API_NOT_INIT Format: PIM API not initialized

Explanation PIM API is not initialized.

Recommended Action No action is required.

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Error Message PIM-3-PIM_CIB Format: Couldn't find PIM VRF for %s

Explanation PIM failed to obtain its VRF information block.
Parameters: Interface ...

Recommended Action Dump core, and then restart component.

Error Message PIM-3-PIM_EXISTS Format: PIM is already running, process exiting

Explanation Another PIM process is already running, this process will shut down.

Recommended Action No action is required.

Error Message PIM-3-PIM_INIT Format: PIM init failed: %s

Explanation PIM process initialization failed.
Parameters: Component Name ...

Recommended Action Dump core, and then restart component.

Error Message PIM-3-POLICY_INVALID_BINDACK Format: Invalid RPM bind ack in %s

Explanation PIM received invalid policy response from RPM.

Recommended Action No action is required.

Error Message PIM-3-POLICY_INVALID_TYPE Format: Invalid RPM type %d in %s

Explanation PIM received invalid policy-type from RPM.

Recommended Action No action is required.

Error Message PIM-3-PSS_FAILED Format: PSS operation %s failed

Explanation PIM process failed in a PSS operation.
Parameters: Operation Name ...

Recommended Action No action is required.

Error Message PIM-3-PT_ADD Format: Couldn't add %s to local PT

Explanation PIM failed to update the local route-table entry.
Parameters: Addresses ...

Recommended Action No action is required.

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Error Message PIM-3-PT_DEL Format: Couldn't delete %s from local PT

Explanation PIM failed to delete the local route-table entry.
Parameters: Address ...

Recommended Action No action is required.

Error Message PIM-3-PTHREAD_CREATE Format: Couldn't create thread %s

Explanation PIM process failed to create a task thread.
Parameters: Thread Name ...

Recommended Action Dump core, and then restart component.

Error Message PIM-3-RDLOCK_ASSERT Format: %s:%d: Assert, read-lock not acquired

Explanation Caller Failed to get PIM Shared Memory read lock
Parameters: Function Name, Line ...

Recommended Action No action is required.

Error Message PIM-3-RESERVE_LIMIT Format: Exceeded reserve-limit for VRF %s - dropping

Explanation Exceeded the reserve-limit for VRF
Parameters: VRF ...

Recommended Action No action is required.

Error Message PIM-3-RESTART_REASON Format: PIM process has restarted, restart reason: %s\n

Explanation PIM is restoring the routes it had added in previous instance.
Parameters: Restart Reason ...

Recommended Action No action is required.

Error Message PIM-3-RLIMIT Format: Couldn't set PIM data segment size to %lu

Explanation PIM process could not set a memory resource limit, exiting.
Parameters: Segment Size ...

Recommended Action No action is required.

Error Message PIM-3-ROUTE_LOOKUP Format: Couldn't find PIM route %s

Explanation PIM failed to find entry in the local route-table.
Parameters: Address ...

Recommended Action No action is required.

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Error Message PIM-3-SETSOCKOPT Format: setsockopt() on %s failed: %s

Explanation PIM failed in UDP socket operation. Auto-RP will not work.
Parameters: Message String Error String ...

Recommended Action Dump core, and then restart component.

Error Message PIM-3-SETUP_ROUTE Format: Couldn't setup PIM route %s in %s

Explanation PIM failed to install route in the local route-table.
Parameters: Address, Function Name ...

Recommended Action No action is required.

Error Message PIM-3-SG_EXP_TMR_VRF Format: \ip pim sg-expiry-timer\ value in VRF %s not supported in %s, please reconfigure within range %d-%d

Explanation Configuration not supported in ISSU target version, please reconfigure
Parameters: VRF name, lower bound, upper bound ...

Recommended Action ACTION_SW_NONE.

Error Message PIM-3-SG_EXP_TMR_VRFS Format: \ip pim sg-expiry-timer\ value in %d VRFs not supported in %s, please reconfigure within range %d-%d

Explanation Configuration not supported in ISSU target version, please reconfigure
Parameters: VRF count, lower bound, upper bound ...

Recommended Action ACTION_SW_NONE.

Error Message PIM-3-SHARED_DB_PUB_INIT Format: Could not do shared database publisher initialization for interfaces rc=0x%x [%s]

Explanation The system is unable to do shared db publisher initialization
Parameters: Status Error, Syserror string ...

Recommended Action Dump core, and then restart component.

Error Message PIM-3-SHUTDOWN_FM Format: FM could not shut down PIM process

Explanation FM could not shut down PIM process.

Recommended Action Dump core, and then restart component.

Error Message PIM-3-SLAB_ALLOC Format: Slab alloc of type %s failed in %s

Explanation PIM process failed to allocate Slab memory.
Parameters: Structure Type, Function Name ...

Recommended Action Configure the network or router to decrease the number of routes.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message PIM-3-SLAB_CREATE Format: Slab alloc of type %s failed

Explanation PIM process failed to allocate Slab memory.
Parameters: Structure Type ...

Recommended Action Configure the network or router to decrease the number of routes.

Error Message PIM-3-SM_CREATE Format: Couldn't create shm segment %s

Explanation PIM process failed to initialize shared memory resource.
Parameters: Shared Memory Segment Name ...

Recommended Action Dump core, and then restart component.

Error Message PIM-3-SMALLOC Format: Shared mem malloc (%lu) failed in %s

Explanation PIM process is out of free shared memory.
Parameters: Type of malloc(size), Function Name ...

Recommended Action Configure the network or router to decrease the number of routes.

Error Message PIM-3-SOCKET Format: socket() for %s failed: %s

Explanation PIM failed to obtain UDP socket. Auto-RP will not work.
Parameters: Function Error String ...

Recommended Action Dump core, and then restart component.

Error Message PIM-3-STATE_LIMIT Format: Exceeded state-limit for VRF %s - dropping

Explanation Exceeded the state-limit for VRF
Parameters: VRF ...

Recommended Action No action is required.

Error Message PIM-3-SUBCR_INIT Format: Could not initialize shared database client for interfaces rc=0x%x [%s]

Explanation The system is unable to do subscRIBer init to access IM shared-dbs
Parameters: Status Error, Syserror string ...

Recommended Action Dump core, and then restart component.

Error Message PIM-3-SYSMGR_DISPATCH Format: Error returned from sysmgr_dispatch(), errno: %s

Explanation PIM called the system manager API which returned an error.

Recommended Action Dump core, and then restart component.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message PIM-3-THREAD_SHUTDOWN Format: Couldn't shutdown thread %s

Explanation PIM failed to shut down a task thread.
Parameters: Thread Name ...

Recommended Action No action is required.

Error Message PIM-3-TIMER_CREATE Format: Couldn't create %s timer for %s

Explanation PIM failed to initialize timer resource.
Parameters: Timer Name, Timer description ...

Recommended Action Dump core, and then restart component.

Error Message PIM-3-TIMER_SET_INIT Format: Couldn't init %s active timer set

Explanation PIM failed to initialize timer resource.
Parameters: Timer Name ...

Recommended Action Dump core, and then restart component.

Error Message PIM-3-TIMER_START Format: Couldn't start %s timer

Explanation PIM failed to initialize timer resource.
Parameters: Timer Name ...

Recommended Action Dump core, and then restart component.

Error Message PIM-3-TUNNEL_ADD_TLV_FAIL Format: Unable to add tunnel tlv %s into the list for vrf %s Explanation: MVPN tunnel setup failed

Explanation The system has detected an error.
Parameters: Tlv Type, VRF name ...

Recommended Action Dump core, and then restart component.

Error Message PIM-3-TUNNEL_CREATE_FAIL Format: Unable to setup tunnel interface for vrf %s failed in %s Explanation: MVPN tunnel setup failed

Explanation The system has detected an error.
Parameters: VRF name, Function name ...

Recommended Action Dump core, and then restart component.

Error Message PIM-3-TXLIST_CREATE Format: Couldn't create txlist for %s

Explanation PIM failed to create txlist resource.
Parameters: Data type ...

Recommended Action Dump core, and then restart component.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message PIM-3-UDP_READ Format: Error reading UDP socket

Explanation UDP Socket Error.

Recommended Action Dump core, and then restart component.

Error Message PIM-3-UDP_SENDTO Format: udp_sendto() on %s failed: %s

Explanation PIM failed to send over UDP socket.
Parameters: Message String Error String ...

Recommended Action No action is required.

Error Message PIM-3-URIB_CONTEXT Format: Couldn't get URIB VRF %s

Explanation PIM failed to obtain unicast routing VRF from URIB.

Recommended Action Dump core, and then restart component.

Error Message PIM-3-WRLOCK_ASSERT Format: %s:%d: Assert, write-lock not acquired

Explanation Caller Failed to get PIM Shared Memory write lock
Parameters: Function Name, Line ...

Recommended Action No action is required.

PIM-4

Error Message PIM-4-DUP_VPC_NBR Format: Unexpected 2nd vPC peer %s detected (peer %s) on %s (domain %d misconfig?)

Explanation The system is unable to register opcodes
Parameters: Service / Queue description ...

Recommended Action Dump core, and then restart component.

Error Message PIM-4-HELLO_INT Format: Configured PIM hello interval %d on interface %s is less than the supported minimum value of %d, updating the interval to minimum value\n

Explanation PIM minimum hello interval.
Parameters: Hello interval, Interface, Min Hello interval ...

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

PIM-5

Error Message PIM-5-DR_CHANGE Format: DR change from %s to %s on interface %s

Explanation PIM Designated router changed on the interface.
Parameters: Old DR address, New DR address, Interface ...

Recommended Action No action is required.

Error Message PIM-5-NBR_CHANGE Format: Neighbor %s %s on interface %s

Explanation PIM neighbor went up/down due to Hello-message seen/lost.
Parameters: Neighbor IP address, Neighbor state, Interface ...

Recommended Action No action is required.

PIM-6

Error Message PIM-6-IF_DEPEND Format: Removed interface (%s) has %s dependency

Explanation There is residual configuration on the deleted interface.
Parameters: Interface name, Dependent Config Command ...

Recommended Action No action is required.

Error Message PIM-6-MAX_GRANGES Format: Max Granges allowed to be configured for use shared tree config is %d

Explanation Exceeded the group range limit.

Recommended Action No action is required.

Error Message PIM-6-MAX_RPS Format: Cannot store bidir-RP %s, a maximum of %d are supported

Explanation Due to hardware limitations, there is a maximum number of Bidir-PIM RPs that can be stored.

Recommended Action No action is required.

Error Message PIM-6-MQFLUSHED Format: Flushing %lu messages from %s mq

Explanation Flushing old residual messages from the message-queue.

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message PIM-6-MQLOOP_UNKNOWN_MSG Format: Received unknown message %d/%d

Explanation PIM process received unknown Interprocess message, dropped.

Recommended Action No action is required.

Error Message PIM-6-NEGATIVE_PREFIX Format: Group prefix %s/%d from RP %s has negative-bit set, ignore group entry

Explanation The RP is advertising a group range to be in dense-mode. This implementation only supports sparse-mode so the group entry will be ignored.
Parameters: Group Address, Mask length, RP Address ...

Recommended Action No action is required.

Error Message PIM-6-RESERVE_LIMIT_WARNING Format: Exceeded 80% of the reserve-limit for VRF %s

Explanation Exceeded 80% of the reserve-limit for VRF
Parameters: VRF ...

Recommended Action No action is required.

Error Message PIM-6-RESTART_SHUTDOWN Format: PIM shutting self down via restart command

Explanation PIM process is shutting itself down due to the restart command.

Recommended Action No action is required.

Error Message PIM-6-SHUTDOWN Format: Shutting down PIM process

Explanation PIM received a shutdown request.

Recommended Action No action is required.

Error Message PIM-6-SHUTDOWN_SELF Format: PIM shutting self down

Explanation PIM process is shutting itself down.

Recommended Action No action is required.

Error Message PIM-6-STATE_LIMIT_WARNING Format: Exceeded 80% of the state-limit for VRF %s

Explanation Exceeded 80% of the state-limit for VRF
Parameters: VRF ...

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message PIM6-6-UNKNOWN_OPC Format: Received unknown mts opcode %d

Explanation PIM process received unknown Interprocess message, dropped.
Parameters: MTS Opcode ...

Recommended Action No action is required.

PIM6 Messages

This section contains the PIM6 messages.

PIM6-2

Error Message PIM6-2-SHM_LOCK_CREAT Format: Failed to create shared memory lock: %s

Explanation The system has failed to initialize.
Parameters: Error Name ...

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message PIM6-2-STARTUP_DEBUG Format: %s in %s

Explanation The system has failed to initialize.
Parameters: Error, Function Name ...

Recommended Action No action is required.

PIM6-3

Error Message PIM6-3-ADD_ROUTE Format: Couldn't add PIM6 route %s in %s

Explanation PIM6 failed to update the local route-table entry.
Parameters: Addresses, Function Name ...

Recommended Action No action is required.

Error Message PIM6-3-API_CLOSE Format: Couldn't close %s API

Explanation PIM6 failed to close API opened with the component.
Parameters: Component Name ...

Recommended Action No action is required.

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Error Message PIM6-3-API_FAILED Format: %s API failed in %s

Explanation API call failed in PIM6.

Recommended Action No action is required.

Error Message PIM6-3-API_INIT Format: Couldn't initialize %s API

Explanation PIM6 failed to open API to interact with the component.
Parameters: Component Name ...

Recommended Action No action is required.

Error Message PIM6-3-ATTACH_SHM Format: Couldn't attach to shm of %s

Explanation PIM6 process failed to open a shared memory resource.
Parameters: Shared Memory Segment Name ...

Recommended Action Dump core, and then restart component.

Error Message PIM6-3-BF_CONVERT Format: bitfield_convert() failed

Explanation PIM6 failed to convert a compressed bitfield.
Parameters: Function Name ...

Recommended Action Dump core, and then restart component.

Error Message PIM6-3-BF_CREATE Format: Couldn't create %s bitfield

Explanation PIM6 failed to create bitfield resource.
Parameters: List Name ...

Recommended Action Dump core, and then restart component.

Error Message PIM6-3-BIND Format: bind() on %s failed: %s

Explanation PIM6 failed to bind UDP socket. Auto-RP will not work.
Parameters: Function Error String ...

Recommended Action Dump core, and then restart component.

Error Message PIM6-3-COMP_DEREG Format: Unable to de-register with %s

Explanation PIM6 failed to de-register with a server component.
Parameters: Component Name ...

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message PIM6-3-COMP_REG Format: Unable to register with %s

Explanation PIM6 failed to register with a server component.
Parameters: Component Name ...

Recommended Action Dump core, and then restart component.

Error Message PIM6-3-CREATE_ROUTE Format: Couldn't create PIM6 route for %s in %s

Explanation PIM6 failed to update the local route-table entry.
Parameters: Addresses, Function Name ...

Recommended Action No action is required.

Error Message PIM6-3-CV_INIT Format: Couldn't init cond var %s

Explanation PIM6 process failed to initialize conditional-variable resource.
Parameters: Thread Name ...

Recommended Action Dump core, and then restart component.

Error Message PIM6-3-DEL_IF Format: Couldn't delete interface %s from PIM6 route %s in %s

Explanation PIM6 failed to delete the outgoing interface from route-table entry.
Parameters: Interface, Addresses, Function Name ...

Recommended Action No action is required.

Error Message PIM6-3-DEL_ROUTE Format: Couldn't delete PIM6 route %s in %s

Explanation PIM6 failed to delete the local route-table entry.
Parameters: Addresses, Function Name ...

Recommended Action No action is required.

Error Message PIM6-3-FREE_ROUTE Format: Couldn't free PIM6 route %s in %s

Explanation PIM6 failed to delete the route-table entry.
Parameters: Addresses, Function Name ...

Recommended Action No action is required.

Error Message PIM6-3-HEARTBEAT_TIMER Format: Unable to create heartbeat timer in %s

Explanation The system is unable to create heartbeat timer
Parameters: Function Name ...

Recommended Action Dump core, and then restart component.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message PIM6-3-INIT_MTS_SAP Format: mts_bind() failed in pim_init_mts(),
errno: %s

Explanation The system is unable to open MTS SAP

Parameters: Error String ...

Recommended Action Dump core, and then restart component.

Error Message PIM6-3-INVALID_MBUF Format: Received invalid mbuf pointer in %s

Explanation PIM6 received invalid data buffer, discarded.

Recommended Action No action is required.

Error Message PIM6-3-LIB_API_FAILED Format: %s API failed in %s

Explanation API call failed in PIM6 library.

Recommended Action No action is required.

Error Message PIM6-3-LIB_API_INIT Format: Couldn't initialize %s API

Explanation PIM6 failed to open API to interact with the component.

Parameters: Component Name ...

Recommended Action No action is required.

Error Message PIM6-3-LIB_MALLOC Format: Private mem malloc (%lu) failed in %s

Explanation Process is out of free private memory.

Parameters: Type of malloc(size), Function Name ...

Recommended Action Configure the network or router to decrease the number of routes.

Error Message PIM6-3-LIB_SM_CLOSE Format: Couldn't close shm segment %s

Explanation PIM6 process failed to remove shared memory resource.

Parameters: Shared Memory Segment Name ...

Recommended Action No action is required.

Error Message PIM6-3-LIB_SM_OPEN Format: Couldn't open shm segment %s

Explanation PIM6 process failed to initialize shared memory resource.

Parameters: Shared Memory Segment Name ...

Recommended Action Dump core, and then restart component.

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Error Message PIM6-3-M6RIB_ADD_ROUTE Format: M6RIB add route failed in %s

Explanation PIM6 failed to add route in MRIB.
Parameters: Function Name ...

Recommended Action No action is required.

Error Message PIM6-3-M6RIB_DEL_ROUTE Format: M6RIB delete route failed in %s

Explanation PIM6 failed to delete route in MRIB.
Parameters: Function Name ...

Recommended Action No action is required.

Error Message PIM6-3-M6RIB_NO_SHARED_TREE Format: M6RIB shared tree entry absent for group %s/%d

Explanation M6RIB route unexpectedly absent for a group entry.
Parameters: Group address Group mask length ...

Recommended Action No action is required.

Error Message PIM6-3-MALLOC Format: Private mem malloc (%lu) failed in %s

Explanation PIM6 process is out of free private memory.

Recommended Action Configure the network or router to decrease the number of routes.

Error Message PIM6-3-MQCLOSE Format: Couldn't close %s mq: %s

Explanation PIM6 failed to close the message-queue resource.
Parameters: MSG Queue Name, Error String ...

Recommended Action No action is required.

Error Message PIM6-3-MQFLUSH Format: Couldn't flush %s mq: %s

Explanation PIM6 failed to remove stale messages from the message-queue.

Recommended Action No action is required.

Error Message PIM6-3-MQLOOP_CREATE Format: Couldn't create %s mqloop: %s

Explanation PIM6 failed to create the mqloop resource.

Recommended Action Dump core, and then restart component.

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Error Message PIM6-3-MQLOOP_REGHAND Format: Couldn't register all handlers for %s mqloop

Explanation PIM6 failed to initialize handlers the mqloop resource.
Parameters: MSG Queue Name ...

Recommended Action Dump core, and then restart component.

Error Message PIM6-3-MQLOOP_SHUTDOWN Format: Couldn't shutdown %s mqloop

Explanation PIM6 failed to shutdown the mqloop resource.
Parameters: MSG Queue Name ...

Recommended Action No action is required.

Error Message PIM6-3-MQLOOP_START Format: Couldn't start %s mqloop

Explanation PIM6 failed to initialize the mqloop resource.
Parameters: MSG Queue Name, Error String ...

Recommended Action Dump core, and then restart component.

Error Message PIM6-3-MQOPEN Format: Couldn't open %s mq: %s

Explanation PIM6 failed to open the message-queue resource.
Parameters: Component, Function Name ...

Recommended Action Dump core, and then restart component.

Error Message PIM6-3-MQSEND Format: mq_send() error on %s queue in %s

Explanation PIM6 failed to send an IPC message on the message-queue.
Parameters: Component, Function Name ...

Recommended Action No action is required.

Error Message PIM6-3-MTS_DROP Format: Error returned from mts_drop(), errno: %s

Explanation PIM6 called an MTS API which returned an error.
Parameters: Error String ...

Recommended Action Dump core, and then restart component.

Error Message PIM6-3-MTS_INIT Format: Could not initialize MTS for %s

Explanation The system is unable to register opcodes
Parameters: Service / Queue description ...

Recommended Action Dump core, and then restart component.

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Error Message PIM6-3-MTS_RECV Format: Error returned from mts_recv(), errno: %s

Explanation PIM6 called an MTS API which returned an error.
Parameters: Error String ...

Recommended Action Dump core, and then restart component.

Error Message PIM6-3-MTSOPEN Format: Couldn't open %s mts-q: %s

Explanation PIM6 failed to open the MTS-queue resource.
Parameters: MSG Queue Name, Error String ...

Recommended Action Dump core, and then restart component.

Error Message PIM6-3-MUTEX_INIT Format: Couldn't init mutex %s

Explanation PIM6 process failed to initialize mutex system resource.
Parameters: Thread Name ...

Recommended Action Dump core, and then restart component.

Error Message PIM6-3-NO_SET_PRIORITY Format: Failed to set policy or priority

Explanation PIM6 process could not set itself process priority, exiting.

Recommended Action No action is required.

Error Message PIM6-3-OPCODE_REG Format: Could not register opcode 0x%x, reason %s

Explanation The system is unable to register opcodes
Parameters: MTS Opcode, Error string ...

Recommended Action Dump core, and then restart component.

Error Message PIM6-3-PIM6_API_NOT_INIT Format: PIM6 API not initialized

Explanation PIM6 API is not initialized.
Parameters: Thread Name ...

Recommended Action No action is required.

Error Message PIM6-3-PIM6_CIB Format: Couldn't find PIM6 VRF for %s

Explanation PIM6 failed to obtain its VRF information block.

Recommended Action Dump core, and then restart component.

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Error Message PIM6-3-PIM6_EXISTS Format: PIM6 is already running, process exiting

Explanation Another PIM6 process is already running, this process will shut down.

Recommended Action No action is required.

Error Message PIM6-3-PIM6_INIT Format: PIM6 init failed: %s

Explanation PIM6 process initialization failed.

Parameters: Component Name ...

Recommended Action Dump core, and then restart component.

Error Message PIM6-3-POLICY_INVALID_BINDACK Format: Invalid RPM bind ack in %s

Explanation PIM6 received invalid policy response from RPM.

Recommended Action No action is required.

Error Message PIM6-3-POLICY_INVALID_TYPE Format: Invalid RPML type %d in %s

Explanation PIM6 received invalid policy-type from RPM.

Recommended Action No action is required.

Error Message PIM6-3-PSS_FAILED Format: PSS operation %s failed

Explanation PIM6 process failed in a PSS operation.

Parameters: Operation Name ...

Recommended Action No action is required.

Error Message PIM6-3-PT_ADD Format: Couldn't add %s to local PT

Explanation PIM6 failed to update the local route-table entry.

Parameters: Addresses ...

Recommended Action No action is required.

Error Message PIM6-3-PT_DEL Format: Couldn't delete %s from local PT

Explanation PIM6 failed to delete the local route-table entry.

Parameters: Address ...

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message PIM6-3-PTHREAD_CREATE Format: Couldn't create thread %s

Explanation PIM6 process failed to create a task thread.
Parameters: Thread Name ...

Recommended Action Dump core, and then restart component.

Error Message PIM6-3-RDLOCK_ASSERT Format: %s:%d: Assert, read-lock not acquired

Explanation Caller Failed to get PIM6 Shared Memory read lock
Parameters: Function Name, Line ...

Recommended Action No action is required.

Error Message PIM6-3-RESERVE_LIMIT Format: Exceeded reserve-limit for VRF %s - dropping

Explanation Exceeded the reserve-limit for VRF
Parameters: VRF ...

Recommended Action No action is required.

Error Message PIM6-3-RESTART_REASON Format: PIM6 process has restarted, restart reason: %s\n

Explanation PIM6 is restoring the routes it had added in previous instance.
Parameters: Restart Reason ...

Recommended Action No action is required.

Error Message PIM6-3-RLIMIT Format: Couldn't set PIM6 data segment size to %lu

Explanation PIM6 process could not set a memory resource limit, exiting.
Parameters: Segment Size ...

Recommended Action No action is required.

Error Message PIM6-3-ROUTE_LOOKUP Format: Couldn't find PIM6 route %s

Explanation PIM6 failed to find entry in the local route-table.
Parameters: Address ...

Recommended Action No action is required.

Error Message PIM6-3-SETSOCKOPT Format: setsockopt() on %s failed: %s

Explanation PIM6 failed in UDP socket operation. Auto-RP will not work.
Parameters: Message String Error String ...

Recommended Action Dump core, and then restart component.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message PIM6-3-SETUP_ROUTE Format: Couldn't setup PIM6 route %s in %s

Explanation PIM6 failed to install route in the local route-table.
Parameters: Addresses, Function Name ...

Recommended Action No action is required.

Error Message PIM6-3-SHARED_DB_PUB_INIT Format: Could not do shared database publisher initialization for interfaces rc=0x%x [%s]

Explanation The system is unable to do shared db publisher initialization
Parameters: Status Error, Syserror string ...

Recommended Action Dump core, and then restart component.

Error Message PIM6-3-SHUTDOWN_FM Format: FM could not shut down PIM6 process

Explanation FM could not shut down PIM6 process.

Recommended Action Dump core, and then restart component.

Error Message PIM6-3-SLAB_ALLOC Format: Slab alloc of type %s failed in %s

Explanation PIM6 process failed to allocate Slab memory.

Recommended Action Configure the network or router to decrease the number of routes.

Error Message PIM6-3-SLAB_CREATE Format: Slab alloc of type %s failed

Explanation PIM6 process failed to allocate Slab memory.

Recommended Action Configure the network or router to decrease the number of routes.

Error Message PIM6-3-SM_CREATE Format: Couldn't create shm segment %s

Explanation PIM6 process failed to initialize shared memory resource.
Parameters: Shared Memory Segment Name ...

Recommended Action Dump core, and then restart component.

Error Message PIM6-3-SMALLOC Format: Shared mem malloc (%lu) failed in %s

Explanation PIM6 process is out of free shared memory.

Recommended Action Configure the network or router to decrease the number of routes.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message PIM6-3-SOCKET Format: socket() for %s failed: %s

Explanation PIM6 failed to obtain UDP socket. Auto-RP will not work.
Parameters: Function Error String ...

Recommended Action Dump core, and then restart component.

Error Message PIM6-3-STATE_LIMIT Format: Exceeded state-limit for VRF %s - dropping

Explanation Exceeded the state-limit for VRF
Parameters: VRF ...

Recommended Action No action is required.

Error Message PIM6-3-SUBCR_INIT Format: Could not initialize shared database client for interfaces rc=0x%x [%s]

Explanation The system is unable to do subscriBER init to access IM shared-dbs
Parameters: Status Error, Syserror string ...

Recommended Action Dump core, and then restart component.

Error Message PIM6-3-SYSMGR_DISPATCH Format: Error returned from sysmgr_dispatch(), errno: %s

Explanation PIM6 called the system manager API which returned an error.

Recommended Action Dump core, and then restart component.

Error Message PIM6-3-THREAD_SHUTDOWN Format: Couldn't shutdown thread %s

Explanation PIM6 failed to shut down a task thread.

Recommended Action No action is required.

Error Message PIM6-3-TIMER_CREATE Format: Couldn't create %s timer

Explanation PIM6 failed to initialize timer resource.
Parameters: Timer Name ...

Recommended Action Dump core, and then restart component.

Error Message PIM6-3-TIMER_SET_INIT Format: Couldn't init %s active timer set

Explanation PIM6 failed to initialize timer resource.
Parameters: Timer Name ...

Recommended Action Dump core, and then restart component.

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Error Message PIM6-3-TIMER_START Format: Couldn't start %s timer

Explanation PIM6 failed to initialize timer resource.
Parameters: Timer Name ...

Recommended Action Dump core, and then restart component.

Error Message PIM6-3-U6RIB_CONTEXT Format: Couldn't get U6RIB VRF %s

Explanation PIM6 failed to obtain unicast routing VRF from URIB.
Parameters: Interface ...

Recommended Action Dump core, and then restart component.

Error Message PIM6-3-UDP_READ Format: Error reading UDP socket

Explanation UDP Socket Error.

Recommended Action Dump core, and then restart component.

Error Message PIM6-3-UDP_SENDDTO Format: udp_sendto() on %s failed: %s

Explanation PIM6 failed to send over UDP socket.
Parameters: Message String Error String ...

Recommended Action No action is required.

Error Message PIM6-3-WRLOCK_ASSERT Format: %s:%d: Assert, write-lock not acquired

Explanation Caller Failed to get PIM6 Shared Memory write lock
Parameters: Function Name, Line ...

Recommended Action No action is required.

PIM6-4

Error Message PIM6-4-HELLO_INT Format: Configured PIM hello interval %d on interface %s is less than the supported minimum value of %d, updating the interval to minimum value\n

Explanation PIM minimum hello interval.
Parameters: Hello interval, Interface, Min Hello interval ...

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

PIM6-5

Error Message PIM6-5-DR_CHANGE Format: DR change from %s to %s on interface %s

Explanation PIM Designated router changed on the interface.
Parameters: Old DR address, New DR address, Interface ...

Recommended Action No action is required.

Error Message PIM6-5-NBR_CHANGE Format: Neighbor %s %s on interface %s

Explanation PIM neighbor went up/down due to Hello-message seen/lost.
Parameters: Neighbor IPv6 address, Neighbor state, Interface ...

Recommended Action No action is required.

PIM6-6

Error Message PIM6-6-IF_DEPEND Format: Removed interface (%s) has %s dependency

Explanation There is residual configuration on the deleted interface.
Parameters: Interface name, Dependent Config Command ...

Recommended Action No action is required.

Error Message PIM6-6-MAX_GRANGES Format: Max Granges allowed to be configured for use shared tree config is %d

Explanation Exceeded the group range limit.

Recommended Action No action is required.

Error Message PIM6-6-MAX_RPS Format: Cannot store bidir-RP %s, a maximum of %d are supported

Explanation Due to hardware limitations, there is a maximum number of Bidir-PIM6 RPs that can be stored.

Recommended Action No action is required.

Error Message PIM6-6-MQFLUSHED Format: Flushing %lu messages from %s mq

Explanation Flushing old residual messages from the message-queue.

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message PIM6-6-MQLOOP_UNKNOWN_MSG Format: Received unknown message %d/%d

Explanation PIM6 process received unknown Interprocess message, dropped.

Recommended Action No action is required.

Error Message PIM6-6-NEGATIVE_PREFIX Format: Group prefix %s/%d from RP %s has negative-bit set, ignore group entry

Explanation The RP is advertising a group range to be in dense-mode. This implementation only supports sparse-mode so the group entry will be ignored.
Parameters: Type of malloc(size), Function Name ...

Recommended Action No action is required.

Error Message PIM6-6-PRESERVE_ROUTES Format: Preserving routes from last instantiation

Explanation PIM6 is restoring the routes it had added in previous instance.

Recommended Action No action is required.

Error Message PIM6-6-RESERVE_LIMIT_WARNING Format: Exceeded 80% of the reserve-limit for VRF %s

Explanation Exceeded 80% of the reserve-limit for VRF
Parameters: VRF ...

Recommended Action No action is required.

Error Message PIM6-6-RESTART_SHUTDOWN Format: PIM6 shutting self down via restart command

Explanation PIM6 process is shutting itself down due to the restart command.

Recommended Action No action is required.

Error Message PIM6-6-SHUTDOWN Format: Shutting down PIM6 process

Explanation PIM6 received a shutdown request.

Recommended Action No action is required.

Error Message PIM6-6-SHUTDOWN_SELF Format: PIM6 shutting self down

Explanation PIM6 process is shutting itself down.

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message PIM6-6-STATE_LIMIT_WARNING Format: Exceeded 80% of the state-limit for VRF %s

Explanation Exceeded 80% of the state-limit for VRF
Parameters: VRF ...

Recommended Action No action is required.

Error Message PIM6-6-UNKNOWN_OPC Format: Received unknown mts opcode %d

Explanation PIM6 process received unknown Interprocess message, dropped.
Parameters: MTS Opcode ...

Recommended Action No action is required.

PM Messages

This section contains the PM messages.

PM-2

Error Message PM-2-STARTUP_FAILURE Format: Failed to %s during startup. error %d

Explanation A critical operation has failed during startup of the PM process.

Recommended Action No action is required.

PM-3

Error Message PM-3-API_FAILED Format: External API failed (%d)

Explanation External API failed.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message PM-3-API_FAILED Format: External API failed (%s)

Explanation External API failed.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message PM-3-ARG_ERR Format: Argument error (%s): %s

Explanation An argument to a PM call is invalid.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message PM-3-CLNT_FAILURE Format: Failed to %s from client

Explanation A PM client operation has failed.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message PM-3-CPI_ERR Format: %s

Explanation A failure occurred in the communication with the CPI.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message PM-3-DUP_REG_ERR Format: %s is already registered with PM

Explanation A PM client tried to register more than once with PM.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message PM-3-ERROR Format: Failed to %s

Explanation A critical operation has failed in the PM process.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message PM-3-ETH_STUB_ERR Format: %s

Explanation A failure occurred in the Ethernet stub module.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message PM-3-HA_UPDATE Format: HA update failed (%d)

Explanation HA update failed.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message PM-3-IF_INDEX Format: Invalid interface index received from %d

Explanation Invalid interface index received.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message PM-3-INTERNAL_ERROR Format: %s

Explanation An internal error has occurred in the PM process.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message PM-3-IPC_ERR Format: %s

Explanation A failure occurred while communicating with another process.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message PM-3-MQ_SEND Format: Failed to send message %s (err: %s)

Explanation A message queue send operation failed.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message PM-3-MSG_TO_TLV Format: TLV Conversion failed (%d)

Explanation TLV conversion failed.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message PM-3-MTS_DROP Format: %s:Error returned from mts_drop(), errno: %s opcode %d

Explanation PM called an MTS API which returned an error.

Recommended Action No action is required.

Error Message PM-3-MTS_DROP Format: Error returned from mts_drop(), errno: %s

Explanation PM called an MTS API which returned an error.

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message PM-3-MTS_RECV Format: Error returned from mts_recv(), errno: %s

Explanation PM called an MTS API which returned an error.

Recommended Action No action is required.

Error Message PM-3-MTS_SEND Format: Failed to send message %s (err: %s)

Explanation PM called an MTS API which returned an error.

Recommended Action No action is required.

Error Message PM-3-NO_MBUF Format: Failed to allocate mbuf %s

Explanation The PM process has run out of network buffers.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message PM-3-NO_MEM Format: Failed to allocate private memory for %s

Explanation The PM process has run out of private memory.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message PM-3-PSS_API_INIT Format: Ksink pss API init failed (%d)

Explanation Ksink pss API init failed.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message PM-3-PSS_REGISTER Format: PSS register failed (%d)

Explanation PSS register failed.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message PM-3-RP2RP_ERR Format: %s

Explanation A failure occurred in the communication with the other RP.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message PM-3-THR_CREATE Format: Failed to create %s thread. error %d

Explanation A failure occurred while creating a thread.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message PM-3-TLV_TO_STRUCT Format: TLV to Struct Conversion failed (%d)

Explanation TLV to Struct conversion failed.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message PM-3-UNK_MSG Format: Unrecognized message in %s thread. major type %d, minor type %d

Explanation An unknown message was received from another process.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message PM-3-UNK_MSG_MAJOR Format: Unrecognized message from %s. Major type %d

Explanation An unknown message (major) was received from another process.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message PM-3-UNK_MSG_MINOR Format: Unrecognized message from %s. Minor type %d

Explanation An unknown message (minor) was received from another process.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

PM-5

Error Message PM-5-NOTICE Format: %s

Explanation An unexpected event has occurred.

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

PM-6

Error Message PM-6-CLIENT_GET Format: HA client filter recovery failed (%d)

Explanation HA client filter recovery failed.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message PM-6-IF_INIT Format: Interface %s has been initialised

Explanation An interface has been initialized.

Recommended Action No action is required.

Error Message PM-6-IF_MEMB_GET Format: HA if-membership recovery failed (%d)

Explanation HA if-membership recovery failed.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message PM-6-MSG Format: %s

Explanation A generic message to the user.

Recommended Action No action is required.

Error Message PM-6-MTS_UNKNOWN_MSG Format: Received unknown MTS message with opcode %d, dropping it

Explanation PM received an unknown message. The message is dropped.

Recommended Action No action is required.

Error Message PM-6-VDC_MEMB_GET Format: HA vdc-membership recovery failed (%d)

Explanation HA vdc-membership recovery failed.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

PMALLOC Messages

This section contains the PMALLOC messages.

Send document comments to nexus7k-docfeedback@cisco.com

PMALLOC-3

Error Message PMALLOC-3-BITMAP_MEM_CHECK Format: Failed to allocate bitmap for memory checking in %s\n

Explanation In PMALLOC lib, process failed to allocate bitmap for memory check ing.
Parameters: Function name ...

Recommended Action No action is required.

Error Message PMALLOC-3-MALLOC_ENABLE_CHECKER Format: Malloc enable checker failed in %s\n

Explanation In PMALLOC lib, process failed to turn on memory accesses.
Parameters: Function name ...

Recommended Action No action is required.

Error Message PMALLOC-3-MALLOC_ENABLE_CHECKER_INFO Format: %d bytes already allocated\n

Explanation In PMALLOC lib, warn if some bytes have already been allocated.
Parameters: Number of bytes ...

Recommended Action No action is required.

Error Message PMALLOC-3-MALLOC_FAILURE Format: Malloc failure in %s\n

Explanation In PMALLOC lib, Malloc failed.
Parameters: Function name ...

Recommended Action No action is required.

Error Message PMALLOC-3-NOT_ALLOCATED_SM_MALLOC_STR Format: %s failed in %s\n

Explanation In PMALLOC lib, invalid memory block/excess block request.
Parameters: Function name,Function name ...

Recommended Action No action is required.

Error Message PMALLOC-3-SEGMENT_NOT_INIT Format: Segment 0x%p not initialized for memory checking\n

Explanation In PMALLOC lib, segment is not initialized for memory check ing.
Parameters: Shared memory segment ...

Recommended Action No action is required.

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Error Message PMALLOC-3-SM_INIT_CHECKING Format: %s failed in %s\n

Explanation In PMALLOC lib, function failed to initialized.
Parameters: Function name,Function name ...

Recommended Action No action is required.

PMALLOC-6

Error Message PMALLOC-6-BLOCKED_MEMSEG_MUTEX Format: Blocked for memseg_mutex\n

Explanation In PMALLOC lib, process is blocked for memseg_mutex.

Recommended Action No action is required.

Error Message PMALLOC-6-LARGE_MEM Format: Large mem: shared %d\n

Explanation In PMALLOC lib, large memory requested.
Parameters: Shared memory segment ...

Recommended Action No action is required.

Error Message PMALLOC-6-MMAP_SIZE Format: MMAP size is: %d\n

Explanation In PMALLOC lib, Memory map size.
Parameters: Memory Map size ...

Recommended Action No action is required.

Error Message PMALLOC-6-SBRK_FAILURE Format: sbrk failed in %s\n

Explanation In PMALLOC lib, return vlaue from MORECORE failed.
Parameters: Function name ...

Recommended Action No action is required.

PT Messages

This section contains the PT messages.

Send document comments to nexus7k-docfeedback@cisco.com

PT-4

Error Message PT-4-PT_WARNING Format: %s

Explanation Patricia Tree API warning.

Recommended Action No action is required.

PWE Messages

This section contains the PWE messages.

PWE-2

Error Message PWE-2-ERROR Format: %s

Explanation As self-explained by the message itself.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message PWE-2-FAILURE Format: Failed to %s

Explanation As self-explained by the message itself.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message PWE-2-FAILURE_LXC_ADD Format: add create-lxc to ipc txlist for iod %d and %d\n

Explanation As self-explained by the message itself.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message PWE-2-FAILURE_THREAD Format: Failed to create %.20s - %d

Explanation As self-explained by the message itself.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message PWE-2-FAILURE_TOLERANT Format: Failed to %s

Explanation The system errors as self-explained by the message itself.

Recommended Action No action is required.

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Error Message PWE-2-NO_MEM Format: No memory event detected

Explanation The router did not have enough memory to store certain data structures.

Recommended Action Add more memory to the router.

Error Message PWE-2-NO_SH_MEM Format: No shared memory available for %s

Explanation Pre-allocated shared memory is not enough for too-large configs.

Recommended Action add more shared memory to pwe.

PWE-3

Error Message PWE-3-CORRUPT_DATA Format: corrupt data %s

Explanation self-explanatory.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message PWE-3-INIT Format: PWE initialization failed %s

Explanation pwe cannot be initialized.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message PWE-3-MTS_BIND Format: Error returned from mts_bind(), errno: %s

Explanation PWE called an MTS API which returned an error.

Recommended Action Dump core, and then restart component.

Error Message PWE-3-MTS_DROP Format: Error returned from mts_drop(), errno: %s

Explanation PWE called an MTS API which returned an error.

Recommended Action Dump core, and then restart component.

Error Message PWE-3-MTS_RECV Format: Error returned from mts_recv(), errno: %s

Explanation PWE called an MTS API which returned an error.

Recommended Action Dump core, and then restart component.

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Error Message PWE-3-MTS_UNKNOWN_MSG Format: Unknown error returned from MTS, errno: %d

Explanation PWE called an MTS API which returned an unknown error.

Recommended Action Dump core, and then restart component.

Error Message PWE-3-SYSMGR_DISPATCH Format: Error returned from sysmgr_dispatch(), errno: %s

Explanation PWE called the system manager API which returned an error.

Recommended Action Dump core, and then restart component.

PWE-6

Error Message PWE-6-EXIT_OUT Format: Exit with status 0x%x

Explanation pwe exits.

Recommended Action No action is required.

Error Message PWE-6-INFORMATION Format: %s

Explanation Informational messages as self-explained by the message itself.

Recommended Action No action is required.

Error Message PWE-6-IP_ADDRESS_NONE Format: empty IP address for iod %d

Explanation self-explained.

Recommended Action No action is required.

Error Message PWE-6-SYSMAN_CLEANUP Format: Terminated by SYSMAN cleanup signal ;
Explanation: pwe has been deconfigured or restarted or killed

Explanation The system has detected an error.

Recommended Action No action is required.

REGEX Messages

This section contains the REGEX messages.

Send document comments to nexus7k-docfeedback@cisco.com

REGEX-3

Error Message REGEX-3-BACKSLASH Format: Trailing \ error in %s\n

Explanation In REGEX lib, trailing backslash error.
Parameters: Function name ...

Recommended Action No action is required.

Error Message REGEX-3-CORRPTD_OPCODE Format: Corrupted opcode in %s\n

Explanation In REGEX lib, corrupted opcode.
Parameters: Function name ...

Recommended Action No action is required.

Error Message REGEX-3-CORRPTD_PGM Format: Corrupted program in %s\n

Explanation In REGEX lib, corrupted program.
Parameters: Function name ...

Recommended Action No action is required.

Error Message REGEX-3-CORRPTD_POINTERS Format: Corrupted pointers in %s\n

Explanation In REGEX lib, corrupted pointers.
Parameters: Function name ...

Recommended Action No action is required.

Error Message REGEX-3-DMG_REGEX Format: Damaged regexp fed to regsub in %s\n

Explanation In REGEX lib, damaged regexp fed to regsub.
Parameters: Function name ...

Recommended Action No action is required.

Error Message REGEX-3-EXP_TOO_BIG Format: Expression too big in %s\n

Explanation In REGEX lib, expression too big.
Parameters: Function name ...

Recommended Action No action is required.

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Error Message REGEX-3-INTERNAL_URP Format: Internal urp in %s\n

Explanation In REGEX lib, internal urp error.
Parameters: Function name ...

Recommended Action No action is required.

Error Message REGEX-3-INTR_FOULUP Format: Internal foulup in %s\n

Explanation In REGEX lib, internal foulup.
Parameters: Function name ...

Recommended Action No action is required.

Error Message REGEX-3-INVALID_BRCKT_RANGE Format: Invalid [] range in %s\n

Explanation In REGEX lib, invalid [] range.
Parameters: Function name ...

Recommended Action No action is required.

Error Message REGEX-3-INVALID_LENGTH Format: Invalid character position in %s\n

Explanation In REGEX lib, invalid character position.
Parameters: Function name ...

Recommended Action No action is required.

Error Message REGEX-3-JUNK Format: Junk characters at the end in %s\n

Explanation In REGEX lib, junk characters at the end.
Parameters: Function name ...

Recommended Action No action is required.

Error Message REGEX-3-MEMORY_CORRUPTION Format: Memory corruption in %s\n

Explanation In REGEX lib, memory corruption.
Parameters: Function name ...

Recommended Action No action is required.

Error Message REGEX-3-MEMORY_ERR Format: Not enough memory in %s\n

Explanation In REGEX lib, not enough memory.
Parameters: Function name ...

Recommended Action No action is required.

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Error Message REGEX-3-NESTED_SYMBOL Format: Nested *?+ in %s\n

Explanation In REGEX lib, nested *?+ symbols.
Parameters: Function name ...

Recommended Action No action is required.

Error Message REGEX-3-NULL_PARM_REGSUB Format: NULL parameter to regsub in %s\n

Explanation In REGEX lib, NULL parameter to regsub.
Parameters: Function name ...

Recommended Action No action is required.

Error Message REGEX-3-NULL_PGM_PARAM Format: Null program parameter %s\n

Explanation In REGEX lib, null program parameter.
Parameters: Function name ...

Recommended Action No action is required.

Error Message REGEX-3-NULL_STR_PARAM Format: NULL string parameter in %s\n

Explanation In REGEX lib, null string parameter.
Parameters: Function name ...

Recommended Action No action is required.

Error Message REGEX-3-OPND_EMPTY Format: *+ operand could be empty in %s\n

Explanation In REGEX lib, *+ operand could be empty.
Parameters: Function name ...

Recommended Action No action is required.

Error Message REGEX-3-PTTRN_LONG Format: Pattern substitution too long in %s\n

Explanation In REGEX lib, pattern substitution too long.
Parameters: Function name ...

Recommended Action No action is required.

Error Message REGEX-3-SYMBOL_ERR Format: ?+* follows nothing in %s\n

Explanation In REGEX lib, symbol error.
Parameters: Function name ...

Recommended Action No action is required.

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Error Message REGEX-3-TOO_MANY_PRNTHSIS Format: Too many paranthesis in %s\n

Explanation In REGEX lib, too many parenthesis.
Parameters: Function name ...

Recommended Action No action is required.

Error Message REGEX-3-UNMATCHED_BRCKT Format: Unmatched [] in %s\n

Explanation In REGEX lib, unmatched [].
Parameters: Function name ...

Recommended Action No action is required.

Error Message REGEX-3-UNMATCHED_PRNTHSIS Format: Unmatched paranthesis in %s\n

Explanation In REGEX lib, unmatched parenthesis.
Parameters: Function name ...

Recommended Action No action is required.

RIP Messages

This section contains the RIP messages.

RIP-2

Error Message RIP-2-STARTUP_DEBUG Format: %s

Explanation A startup debug of rip process RIP process
Parameters: Event ...

Recommended Action No action is required.

Error Message RIP-2-STARTUP_FAILURE Format: Failed to %s during startup

Explanation A critical operation has failed during startup of the RIP process
Parameters: Event ...

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

RIP-3

Error Message RIP-3-AUTH_SEND_FAILURE Format: %s %s

Explanation The RIP process failed to send a message to a neighbor
Parameters: Failure Reason, Interface Name ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message RIP-3-FAILURE Format: Failed to %s

Explanation A critical operation has failed in the RIP process
Parameters: Event ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message RIP-3-GENERIC Format: %s

Explanation An error occurred
Parameters: Error ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message RIP-3-IM_DEL Format: IOD in IM delete message for %s (%d) mismatches with RIP interface %p (iod %d)

Explanation There is a mismatch of interface IODs in IM and RIP
Parameters: Interface Name, Interface ID, Interface Name, Interface ID ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message RIP-3-INTERNAL_ERROR Format: %s

Explanation An internal error has occurred in the RIP process
Parameters: Error ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message RIP-3-MQ_RCVD Format: %s thread - message queue receive failure (%d)

Explanation An error occurred while trying to receive a message from another process
Parameters: Thread Name, Failure Reason ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message RIP-3-MTS_DROP Format: Error returned from mts_drop(), errno: %s

Explanation RIP called an MTS API which returned an error.
Parameters: Error Number ...

Recommended Action No action is required.

Error Message RIP-3-MTS_RECV Format: Error returned from mts_recv(), errno: %s

Explanation RIP called an MTS API which returned an error.
Parameters: Error Number ...

Recommended Action No action is required.

Error Message RIP-3-POLICY_ERROR Format: %s

Explanation An error has occurred when processing policies
Parameters: Error ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message RIP-3-PROCESS_STOP Format: Process shutting down: %s

Explanation RIP called a sysmgr API which returned an error.
Parameters: Stop Reason ...

Recommended Action No action is required.

Error Message RIP-3-SEND_FAILURE Format: Failed to send message. %s

Explanation The RIP process failed to send a message to a neighbor
Parameters: Failure Reason ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

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Error Message RIP-3-SYSMGR_CLEANUP Format: Error returned from
sysmgrcb_conditional_srv_cleanup_status(): %d

Explanation RIP called a sysmgr API which returned an error.
Parameters: Status ...

Recommended Action No action is required.

Error Message RIP-3-UNK_MSG_MAJOR Format: %s thread - Unrecognized message major
type %d

Explanation An unknown message was received from another process
Parameters: Thread Name, Major Type ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco
Support web site <http://www.cisco.com/tac>.

Error Message RIP-3-UNK_MSG_MINOR Format: %s thread - Unrecognized message minor
type %d

Explanation An unknown message (mior) was received from another process
Parameters: Thread Name, Minor Type ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco
Support web site <http://www.cisco.com/tac>.

RIP-4

Error Message RIP-4-IF_DOWN_OVERLOAD Format: Interface %s brought down due to
overload condition for %s af

Explanation The interface has been brought down due to an overload condition
Parameters: Interface Name, Address Family ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco
Support web site <http://www.cisco.com/tac>.

Error Message RIP-4-NO_MEM Format: Failed to allocate private memory

Explanation The RIP process has run out of private memory.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco
Support web site <http://www.cisco.com/tac>.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message RIP-4-VALIDATE_ENTRY Format: %s

Explanation A route entry in an incoming response packet is invalid
Parameters: Error ...

Recommended Action No action is required.

Error Message RIP-4-VALIDATE_SRC Format: %s %s

Explanation An incoming packet has failed validation
Parameters: Failure Reason, Interface Name ...

Recommended Action No action is required.

RIP-5

Error Message RIP-5-TOO_BIG_KEY_SIZE Format: Authentication key %s is > 16 characters in keychain %s

Explanation Authentication key size is > 16 characters.
Parameters: Authentication Key, Keychain Name ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message RIP-5-U6RIB_API_FAILURE Format: Failed to %s routes %s U6RIB

Explanation An API call to U6RIB has failed
Parameters: Event, To/From ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message RIP-5-URIB_API_FAILURE Format: Failed to %s routes %s URIB

Explanation An API call to URIB has failed
Parameters: Event, To/From ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Send document comments to nexus7k-docfeedback@cisco.com

RIP-6

Error Message RIP-6-MTS_UNKNOWN_MSG Format: Received unknown MTS message with opcode %d, dropping it

Explanation RIP received an unknown message. The message is dropped
Parameters: Opcode ...

Recommended Action No action is required.

Error Message RIP-6-SYSMAN_CLEANUP Format: Terminated by SYSMAN cleanup signal ;
Explanation: System Manager sent a cleanup signal to RIP to exit the process

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message RIP-6-UNK_DEB_FLAG Format: Ignore unrecognized debug flag %s\

Explanation An unknown command line debug option was entered
Parameters: Debug Flag ...

Recommended Action No action is required.

RPM Messages

This section contains the RPM messages.

RPM-2

Error Message RPM-2-LIB_MALLOC_FAILED Format: malloc() failed for allocating %s in %s()

Explanation RPM API library is out of heap memory
Parameters: Data, RPM Function ...

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message RPM-2-MALLOC_FAILED Format: malloc() failed for allocating %s in %s()

Explanation RPM process is out of heap memory
Parameters: Data, RPM Function ...

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message RPM-2-PPF_SES_ABORT Format: PPF session abort failed in client %s with an error 0x%08x(%s)

Explanation RPM encountered an error during PPF abort operation.
Parameters: PPF-Client, Error code, Error message ...

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message RPM-2-PPF_SES_COMMIT Format: PPF session commit failed in client %s with an error 0x%08x(%s)

Explanation RPM encountered a serious error while committing the verified PBR policy changes to PBR clients
Parameters: PPF-Client, Error code, Error message ...

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message RPM-2-PPF_SES_RQST Format: PPF session request failed in client %s with an error 0x%08x(%s)

Explanation RPM encountered an error while requesting PBR statistics from PBR clients
Parameters: PPF-Client, Error code, Error message ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message RPM-2-PPF_SES_VERIFY Format: PPF session verify failed in client %s with an error 0x%08x(%s)

Explanation RPM encountered an error while pushing PBR policy changes during the verify stage to PBR clients
Parameters: PPF-Client, Error code, Error message ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message RPM-2-PSS_SYNC_BUFFER Format: Crossed pss sync buffer size limit of %d with payload size %d - in %s()

Explanation RPM tried to PSS synchronization message exceeding the maximum allowed size
Parameters: Pss sync buffer size, Message payload size, RPM Function ...

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message RPM-2-PTHREAD Format: %s failed with error - %d in %s()

Explanation RPM_UNEXPECTED_EXPLANATION
Parameters: Failed Function, Error Code, RPM Function ...

Recommended Action No action is required.

Error Message RPM-2-SMALLOC_FAILED Format: malloc() failed for allocating %s in %s()

Explanation RPM process is out of shared memory. This could be due to temporary increase in the number of policies configured to a very high value

Parameters: Data, RPM Function ...

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message RPM-2-SRV_INIT_API_FAIL Format: %s failed during initialization in %s()

Explanation RPM called a server API during initialization which returned an error.
Parameters: Init. Function, RPM Function ...

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

RPM-3

Error Message RPM-3-API_FAILED Format: %s - failed in %s()

Explanation RPM invoked an API which failed. This is an unexpected but manageable event.
Parameters: Failed API, RPM Function ...

Recommended Action No action is required.

Error Message RPM-3-API_FAILED_NUM Format: %s - failed for %d in %s()

Explanation RPM invoked an API which failed. This is an unexpected but manageable event.
Parameters: Failed API, Number, RPM Function ...

Recommended Action No action is required.

Error Message RPM-3-API_FAILED_STR Format: %s - failed for %s in %s()

Explanation RPM invoked an API which failed. This is an unexpected but manageable event.
Parameters: Failed API, String1, RPM Function ...

Recommended Action No action is required.

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Error Message RPM-3-API_FAILED_STR_NUM Format: %s - failed for %s %d in %s()

Explanation RPM invoked an API which failed. This is an unexpected but manageable event.
Parameters: Failed API, String, Number, RPM Function ...

Recommended Action No action is required.

Error Message RPM-3-API_FAILED_STR_STR Format: %s - failed for %s %s in %s()

Explanation RPM invoked an API which failed. This is an unexpected but manageable event.
Parameters: Failed API, String1, String2, RPM Function ...

Recommended Action No action is required.

Error Message RPM-3-BUILD_LIC_REQ Format: %s failed with error - %s (0x%08x) - in %s()

Explanation API failed to build a license request to recheckout a license.
Parameters: Failed API, Error, Error Code, RPM Function ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message RPM-3-INFRA_SYSERR Format: %s failed with error - %s (0x%08x) - in %s()

Explanation RPM called an infra API which returned an error.
Parameters: Failed Function, Error, Error Code, RPM Function ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message RPM-3-INT_ERROR Format: %s in %s()

Explanation RPM encountered an error during internal processing
Parameters: Error, RPM Function ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message RPM-3-ISSU_PREUPG_FAILED Format: ISSU Preupgrade failed

Explanation Please remove the incompatible RPM/PBR config and restart ISSU.

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message RPM-3-LIB_API_FAILED Format: %s - failed in %s()

Explanation RPM invoked an API which failed. This is an unexpected but manageable event.
Parameters: Failed API, RPM Function ...

Recommended Action No action is required.

Error Message RPM-3-LIB_API_FAILED_NUM Format: %s - failed for %d in %s()

Explanation RPM invoked an API which failed. This is an unexpected but manageable event.
Parameters: Failed API, Number, RPM Function ...

Recommended Action No action is required.

Error Message RPM-3-LIB_API_FAILED_NUM_NUM Format: %s - failed for %d %d in %s()

Explanation RPM invoked an API which failed. This is an unexpected but manageable event.
Parameters: Failed API, Number1, Number2, RPM Function ...

Recommended Action No action is required.

Error Message RPM-3-LIB_API_FAILED_STR Format: %s - failed for %s in %s()

Explanation RPM invoked an API which failed. This is an unexpected but manageable event.
Parameters: Failed API, String1, RPM Function ...

Recommended Action No action is required.

Error Message RPM-3-LIB_INT_ERROR Format: %s in %s()

Explanation RPM API encountered an error during internal processing
Parameters: Error, RPM Function ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message RPM-3-LIB_KEYCHAIN Format: Unexpected keychain result :%s

Explanation Unexpected result during RPM keychain API processing
Parameters: Keychain Result ...

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message RPM-3-LIB_MTS_SEND Format: Error returned from mts_send(), errno: %s in %s()

Explanation An MTS API returned an error while RPM was sending an MTS message.
Parameters: Error, RPM Function ...

Recommended Action No action is required.

Error Message RPM-3-LIC_CHECKIN_FAILED Format: %s failed with error - %s (0x%08x) - in %s()

Explanation Licensing API failed to check in a license.
Parameters: Failed API, Error, Error Code, RPM Function ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message RPM-3-LIC_CHECKOUT_FAILED Format: %s failed with error - %s (0x%08x) - in %s()

Explanation Licensing API failed to check out a license.
Parameters: Failed API, Error, Error Code, RPM Function ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message RPM-3-LIC_REG_FAILED Format: %s failed with error - %s (0x%08x) - in %s()

Explanation Licensing API failed while registering for license change notifications.
Parameters: Failed API, Error, Error Code, RPM Function ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message RPM-3-LOAD_PARSE_TREE Format: %s failed with error - %s (0x%08x) - in %s()

Explanation API failed to load parse tree for PBR commands.
Parameters: Failed API, Error, Error Code, RPM Function ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message RPM-3-MTS_DROP Format: Error returned from mts_drop(), errno: %s (0x%08x) in %s()

Explanation An MTS API returned an error when RPM tried to drop a message
Parameters: Error, Error Code, RPM Function ...

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message RPM-3-MTS_RECV Format: Error returned from tsp_mts_recv(), errno: %s (0x%08x) in %s()

Explanation An MTS API returned an error while RPM was receiving on an MTS queue
Parameters: Error, Error Code, RPM Function ...

Recommended Action No action is required.

Error Message RPM-3-MTS_SEND Format: Error returned from mts_send(), errno: %s (0x%08x) in %s()

Explanation An MTS API returned an error while RPM was sending an MTS message
Parameters: Error, Error Code, RPM Function ...

Recommended Action No action is required.

Error Message RPM-3-UNLOAD_PARSE_TREE Format: %s failed with error - %s (0x%08x) - in %s()

Explanation API failed to unload parse tree for PBR commands.
Parameters: Failed API, Error, Error Code, RPM Function ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

RPM-6

Error Message RPM-6-LIB_MATCH_IGNORED Format: The command %s in seq. %u of route-map %s is ignored in %s()

Explanation A route-map match command has been ignored.
Parameters: Match Command, Seq No., Route-map, RPM Function ...

Recommended Action No action is required.

Error Message RPM-6-MTS_UNKNOWN_MSG Format: Received unknown MTS message with opcode %d, dropping it in %s()

Explanation RPM received an unknown message. The message is dropped
Parameters: MTS Opcode, RPM Function ...

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message RPM-6-RESTART_SHUTDOWN Format: RPM shutting self down via restart command in %s()

Explanation RPM process is shutting itself down due to the restart command.
Parameters: RPM Function ...

Recommended Action No action is required.

SLAB_LIB Messages

This section contains the SLAB_LIB messages.

SLAB_LIB-2

Error Message SLAB_LIB-2-SLAB_ELEM_ERR Format: Slab element Alloc PC: %p, Element index: %d

Explanation An error occurred in a call to the slab library.

Recommended Action No action is required.

SLAB_LIB-3

Error Message SLAB_LIB-3-SLAB_ERR Format: Slab error [%s] in %s

Explanation An error occurred in a call to the slab library.

Recommended Action No action is required.

SMM Messages

This section contains the SMM messages.

SMM-0

Error Message SMM-0-SM_CREATE_ORIG_VAL Format: %s with the %u value failed. Retrying with the lower value %u size

Explanation SMM could not create requested size, trying for a create for a lower size succeeded.
Parameters: Function name, Original requested size, Lower size being retried ...

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message SMM-0-SM_RECREATE_LOW_VAL Format: Reallocate with new value %u bytes (%u MB) failed, but we were able to allocate a segment with a lower value.

Explanation SMM could not recreate requested size, but create for a lower size succeeded.
Parameters: SHM size bytes, SHM size MB ...

Recommended Action No action is required.

SMM-2

Error Message SMM-2-SAME_REGION Format: Same region allocated on recreate request, from addr %p with size %d

Explanation A client requested for a new region to be created, but got the same region back.
Parameters: memory address, size ...

Recommended Action No action is required.

Error Message SMM-2-SM_API_FAILED Format: %s failed in %s() with error %s\ for SHM size %u bytes (%u MB). Trying to allocate shared memory with lower value now.

Explanation SMM could not recreate a shared-memory segment.
Parameters: SMM API, Function name, Error, SHM size bytes, SHM size in MB ...

Recommended Action No action is required.

SMM-3

Error Message SMM-3-API_FAILED Format: %s failed in %s

Explanation Component API call failed in SMM.
Parameters: API name, Function name ...

Recommended Action No action is required.

Error Message SMM-3-API_MTS_FAILED Format: %s failed in %s, errno: %s

Explanation SMM failed using the MTS API.
Parameters: API name, function name, Error number ...

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message SMM-3-API_SM_FAILED Format: Could not allocate shared-memory segment. %s failed in %s with error %s

Explanation SMM process could not allocate shared-memory.
Parameters: SMM API, Function name, Error ...

Recommended Action No action is required.

Error Message SMM-3-BAD_API_PARAM Format: %s API failed because %s

Explanation Illegal arguments were provided for an SMM API
Parameters: API name, reason ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message SMM-3-BAD_SEG_TYPE Format: SMM API %s failed for %s, %s shared memory segment expected

Explanation Incorrect SMM API called for the type (static/dynamic) shared memory segment
Parameters: SMM API, Segment name, Segment type ...

Recommended Action No action is required.

Error Message SMM-3-FTRUNCATE_FAILED Format: %s failed in %s with error %s

Explanation SMM could not truncate process memory segment.
Parameters: SM API, Function name, Error ...

Recommended Action No action is required.

Error Message SMM-3-GET_SHM_INFO_FAILED Format: Failed to get SHM info in function %s with error: %s

Explanation Failed to get SHM information.
Parameters: Function name, Error ...

Recommended Action No action is required.

Error Message SMM-3-GETRLIMIT_FAILED Format: Getrlimit failed in %s, reason %s

Explanation SMM API could not set memory resource limit for a client
Parameters: Function name, Error string ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message SMM-3-HA_FAILED Format: SMM HA:%s

Explanation SMM process restart recovery has succeeded / failed.
Parameters: Reason string ...

Recommended Action No action is required.

Error Message SMM-3-INVALID_STEP_SIZE Format: %s: Invalid step sizes specified for dynamic SHM, incr size: %u, decr_size: %u

Explanation Illegal arguments were provided for an SMM API
Parameters: Function name, Increment step size, Decrement step size ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message SMM-3-LSEEK_FAILED Format: Failed to seek to offset %u for file %s

Explanation Lseek operation on a shared memory file failed
Parameters: Address, Segment name ...

Recommended Action No action is required.

Error Message SMM-3-MALLOC_FAILED Format: %s failed in %s

Explanation SMM process is out of free memory.
Parameters: API name, Function name ...

Recommended Action No action is required.

Error Message SMM-3-MEMORY_API_ERROR Format: %s failed in %s with error %s

Explanation Memory API failed.
Parameters: SM API, Function name, Error ...

Recommended Action No action is required.

Error Message SMM-3-MMAP_FAILED Format: %s failed in %s with error %s for segment %s. Requested map from %p for size %d

Explanation MMAP failed.
Parameters: SM API, Function name, Error ...

Recommended Action No action is required.

Error Message SMM-3-MQ_FAILED Format: %s failed in %s, errno: %s

Explanation SMM failed to access message-queue resource.
Parameters: API name, function name, Error number ...

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message SMM-3-MTS_DROP Format: Error returned from mts_drop()

Explanation SMM called an MTS API which returned an error.

Recommended Action Dump core, and then restart component.

Error Message SMM-3-MTS_FAILED Format: %s failed in %s, errno: %s

Explanation SMM failed using the MTS API.
Parameters: API name, function name, Error number ...

Recommended Action No action is required.

Error Message SMM-3-MTS_RECV Format: Error returned from mts_recv()

Explanation SMM called an MTS API which returned an error.

Recommended Action Dump core, and then restart component.

Error Message SMM-3-NO_REGION Format: No corresponding region found for segment %s

Explanation SMM library could not find the region data structure which corresponds to each shared memory segment
Parameters: Segment name ...

Recommended Action No action is required.

Error Message SMM-3-PSS_REPORT Format: SMM HA:%s

Explanation Persistent DB reports for SMM.
Parameters: Reason string ...

Recommended Action No action is required.

Error Message SMM-3-PTHREAD_FAILED Format: %s failed for %s in %s

Explanation SMM process failed to create a task thread.
Parameters: API name, function name, Error number ...

Recommended Action Dump core, then reload the stack.

Error Message SMM-3-REFCOUNT_ERR Format: %s: Refcount of shared memory segment %s is %d, expected refcount %d

Explanation There are more/less readers of the same shared memory segment than expected for the API to succeed.

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message SMM-3-REGION_FAILED Format: Failed to create SMM region %s

Explanation SMM API failed in %s to create a region %s for the shared memory this client is trying to open.

Parameters: Function name, Region name ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message SMM-3-SETRLIMIT_FAILED Format: Address space size increment of %d failed in %s, reason %s

Explanation SMM API could not set memory resource limit for a client

Parameters: Number of bytes, Function name, Error string ...

Recommended Action No action is required.

Error Message SMM-3-SHM_CLEANUP_FAILED Format: Failed to cleanup SHM info for %s in %s with error: %s

Explanation Failed to cleanup shared memory for recreate API

Parameters: SHM name, Function Name, Error string ...

Recommended Action No action is required.

Error Message SMM-3-SM_CREATE_FAILED Format: Failed to create %s shared memory segment %s of size %d (max %d)

Explanation SMM failed to create a shared memory segment.

Parameters: SHM type, SHM name, SHM size, Max size for dynamic SHM ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message SMM-3-SM_FAILED Format: Could not allocate shared-memory segment

Explanation SMM process could not allocate shared-memory.

Recommended Action No action is required.

Error Message SMM-3-SM_GET_NEW_REGION_FAILED Format: Failed to get shared memory region for %s of size %d

Explanation SMM failed to get a new region of the requested size

Parameters: SHM name, size ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message SMM-3-SM_INFO_FOR_SMM Format: Received request %s for SMM's segment, unexpected

Explanation SMM received a request to open its own shared memory segment
Parameters: API name ...

Recommended Action No action is required.

Error Message SMM-3-SM_OPEN_FAILED Format: %s failed in %s with error %s

Explanation SMM could not open a shared-memory segment.
Parameters: SM API, Function name, Error ...

Recommended Action No action is required.

Error Message SMM-3-SMM_API_FAILED Format: %s failed in %s

Explanation Component API call failed in SMM.
Parameters: API name, Function name ...

Recommended Action No action is required.

Error Message SMM-3-SYSMGR_DISPATCH Format: Error returned from sysmgr_dispatch()

Explanation SMM called the system manager API which returned an error.

Recommended Action Dump core, and then restart component.

Error Message SMM-3-TIMER_FAILED Format: active_timer_create() failed in %s for %s timer

Explanation SMM failed to initialize timer resource.
Parameters: timer type (heap/wheel) ...

Recommended Action Dump core, and then restart component.

Error Message SMM-3-TIMER_SET_INIT Format: Couldn't init %s active timer set

Explanation SMM failed to initialize timer resource.
Parameters: timer type (heap/wheel) ...

Recommended Action Dump core, and then restart component.

Error Message SMM-3-UNKNOWN_SMM_MTYPE Format: Unknown %s in mtype: %d/%d (major/minor) in %s

Explanation SMM process received unknown Interprocess message, dropped.
Parameters: Major/Minor type, Major number, Minor number, Function name ...

Recommended Action No action is required.

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SMM-5

Error Message SMM-5-UNKNOWN_OPC Format: Unknown MTS opcode %d in %s

Explanation The system has detected an unexpected error.
Parameters: MTS opcode, Function name ...

Recommended Action No action is required.

SMM-6

Error Message SMM-6-SUP_SWITCHOVER Format: Received %s SUP switchover message.

Explanation Events related to changing SUP state from standby to active.

Recommended Action No action is required.

Error Message SMM-6-SUP_SWOVER_DONE Format: %s

Explanation Events related to changing SUP state from standby to active.

Recommended Action No action is required.

SYSLOG Messages

This section contains the SYSLOG messages.

SYSLOG-0

Error Message SYSLOG-0-SL_MSG_EMERG Format: %s

Explanation Syslog API Emergency.

Recommended Action No action is required.

SYSLOG-1

Error Message SYSLOG-1-SL_MSG_ALERT Format: %s

Explanation Syslog API Alert.

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

SYSLOG-2

Error Message SYSLOG-2-DT_TEST Format: Test Syslog facility: %s

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message SYSLOG-2-DT_TEST_LIB Format: Test Syslog library facility: %s

Explanation The system has detected an error.

Recommended Action No action is required.

Error Message SYSLOG-2-SL_MSG_CRIT Format: %s

Explanation Syslog API Critical.

Recommended Action No action is required.

SYSLOG-3

Error Message SYSLOG-3-NOTSET Format: Trying to print uninitialized error message

Explanation An internal software error occurred.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message SYSLOG-3-SL_MSG_ERR Format: %s

Explanation Syslog API Error.

Recommended Action No action is required.

Error Message SYSLOG-3-TOOLONG Format: Error message too long: %s

Explanation An internal software error occurred.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message SYSLOG-3-UNKNOWN Format: Unknown facility/severity: %x

Explanation An internal software error occurred.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

SYSLOG-4

Error Message SYSLOG-4-SL_MSG_WARNING Format: %s

Explanation Syslog API Warning.

Recommended Action No action is required.

SYSLOG-5

Error Message SYSLOG-5-SL_MSG_NOTICE Format: %s

Explanation Syslog API Notice.

Recommended Action No action is required.

SYSLOG-6

Error Message SYSLOG-6-SL_MSG_INFO Format: %s

Explanation Syslog API Info.

Recommended Action No action is required.

SYSLOG-7

Error Message SYSLOG-7-SL_MSG_DEBUG Format: %s

Explanation Syslog API Debug.

Recommended Action No action is required.

SYSWRAP_LIB Messages

This section contains the SYSWRAP_LIB messages.

Send document comments to nexus7k-docfeedback@cisco.com

SYSWRAP_LIB-2

Error Message SYSWRAP_LIB-2-SYSWRAP_ERR Format: Error condition in stack: %s tid=%lu: %x bytes left on stack of %lx bytes

Explanation An error occurred in a call to the syswrap library.

Recommended Action No action is required.

TCP Messages

This section contains the TCP messages.

TCP-2

Error Message TCP-2-APICLOSE Format: %s: Unable to close %s API

Explanation Cannot close API.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message TCP-2-APIINIT Format: %s: Unable to initialize %s API

Explanation Cannot init API.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message TCP-2-ATTACH Format: %s: Unable to attach to %s

Explanation Cannot attach shared memory.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message TCP-2-COND_DESTROY Format: %s: pthread_cond_destroy failed, error %s

Explanation No system resources.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

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Error Message TCP-2-COND_INIT Format: %s: pthread_cond_init failed, error %s

Explanation No system resources.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message TCP-2-COND_WAIT Format: %s: pthread_cond_wait failed, error %s

Explanation No system resources.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message TCP-2-DEREGISTER Format: %s: Unable to deregister to %s

Explanation Cannot deregister with component.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message TCP-2-ENQUEUE Format: %s: Unable to enqueue %s to %s

Explanation Cannot insert client structure in client list.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message TCP-2-LARGE_PKT Format: %s: Packet size greater than 65535 bytes, len %d

Explanation Packet size greater than 65535 bytes.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message TCP-2-MGETHDR Format: %s: MGETHDR failed, error %s

Explanation No system resources.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message TCP-2-MISMATCH_LEN Format: %s: Mismatch in mbuf len (%d) and IP len (%d)

Explanation Mismatch in mbuf len and IP len.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

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Error Message TCP-2-MPREPEND Format: %s: m_prepend failed for connection, L: %s.%d, F: %s.%d, error %s

Explanation No system resources.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message TCP-2-MPULLUP Format: %s: m_pullup failed for %s, error %s

Explanation No system resources.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message TCP-2-MTS_BIND Format: %s: Unable to bind to %s mts queue: %s

Explanation TCP called an MTS API which returned an error.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message TCP-2-MUTEX_DESTROY Format: %s: pthread_mutex_destroy failed, error %s

Explanation No system resources.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message TCP-2-MUTEX_INIT Format: %s: pthread_mutex_init failed, error %s

Explanation No system resources.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message TCP-2-MUTEX_LOCK Format: %s: pthread_mutex_lock failed, error %s

Explanation No system resources.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

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Error Message TCP-2-MUTEX_TRYLOCK Format: %s: pthread_mutex_trylock failed, error %s

Explanation No system resources.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message TCP-2-MUTEX_UNLOCK Format: %s: pthread_mutex_unlock failed, error %s

Explanation No system resources.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message TCP-2-PANIC Format: %s: PANIC: %s

Explanation Internal TCP error.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message TCP-2-PTHREAD Format: %s: procket_pthread_create failed for %s: error %d

Explanation No system resources.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message TCP-2-REGISTER Format: %s: %s failed

Explanation Cannot register with component.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message TCP-2-SETSCHED Format: %s: Could not set scheduling or priority

Explanation Could not set scheduling or priority.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message TCP-2-TSP_INIT Format: %s: Could not initialize tsp locking library

Explanation Could not initialize locking library.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

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TCP-3

Error Message TCP-3-ALLOC Format: Error returned from calloc(), errno: %s

Explanation TCP called a calloc API which returned an error.

Recommended Action No action is required.

Error Message TCP-3-BADSIG Format: %s: Should not have received signal %d

Explanation Unexpected signal.

Recommended Action No action is required.

Error Message TCP-3-CLIENT_DELETE Format: %s: Could not delete client %s\ pid %d error %s

Explanation Cannot delete client from clients list.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message TCP-3-CLIENT_NULL Format: %s: Client struct for pid %d not found

Explanation Cannot find client for pid.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message TCP-3-DOMAININIT Format: %s: domaininit: %s sw[%d] has no usrreqs

Explanation Bkoken domain structure.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message TCP-3-FORK_ERROR Format: %s: Parent of the forked child did not create state for child %d:%d

Explanation Parent process did not create state necessary for child process registration.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message TCP-3-INVALIDPARAM Format: %s: Invalid %s

Explanation Invalid parameter.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

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Error Message TCP-3-IP_PROT_UNKNOWN Format: %s: Unknown protocol in IP message %d

Explanation IP sent a packet with unknown protocol ID.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message TCP-3-MBUF_COPY Format: %s: Unable to do m_copyback

Explanation No system resources.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message TCP-3-MSG_MAJOR_UNKNOWN Format: %s: Unknown message major %d, minor %s

Explanation Unknown major type.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message TCP-3-MSG_MINOR_UNKNOWN Format: %s: Unknown minor message type %d from %s

Explanation Unknown minor type.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message TCP-3-MTS_RESPOND Format: Error returned from mts_send_response(), errno: %s

Explanation TCP called an MTS API which returned an error.

Recommended Action No action is required.

Error Message TCP-3-NOMBUF Format: %s: Unable to get mbuf

Explanation No system resources.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message TCP-3-NOMEM Format: %s: malloc failed for: %s

Explanation No system resources.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

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Error Message TCP-3-PROCTERM_NOTIFY Format: %s: Termination notification request failed for pid %d

Explanation Request for process termination notification has failed. This could lead to TCP memory leak over period of time.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message TCP-3-SM_CREATE Format: %s: Shared memory %s\ create failed, error %d

Explanation No system resources.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message TCP-3-SOCKET_COLL Format: %s: Socket collision, old client: %s\, pid: %d, new client: %s\, pid: %d

Explanation Two clients selected on the same socket.

Recommended Action No action is required.

Error Message TCP-3-SOCKET_COLL_FOUND Format: %s: Socket collision found for client: %s\, pid %d

Explanation Two clients selected on the same socket.

Recommended Action No action is required.

Error Message TCP-3-SOCREATE Format: %s: screate create failed for client %s\ pid %d error %s

Explanation Cannot create socket. See errorno for details Reload software if no memory.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message TCP-3-TCP_MD5_ERROR Format: %s:%s

Explanation General MD5 error messages.

Recommended Action No action is required.

Error Message TCP-3-TCP_MTS_DROP Format: Error returned from mts_drop(), errno: %s

Explanation TCP called an MTS API which returned an error.

Recommended Action No action is required.

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Error Message TCP-3-TCP_MTS_RECV Format: %s: mts_recv() failed on %s queue: %s

Explanation TCP called an MTS API which returned an error.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message TCP-3-TCP_STRUCT_TO_TLV Format: Structure to TLV failed, errno: %s

Explanation TLV conversion failed.

Recommended Action No action is required.

Error Message TCP-3-TCP_TLV_TO_STRUCT Format: Structure to TLV failed, errno: %s

Explanation TLV conversion failed.

Recommended Action No action is required.

Error Message TCP-3-TIMER_CANCEL Format: %s: Timer cancel failed for %s

Explanation No system resources.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message TCP-3-TIMER_CREATE Format: %s: Timer create failed for %s

Explanation No system resources.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message TCP-3-TIMER_INIT Format: %s: Timer init failed

Explanation No system resources.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message TCP-3-TIMER_START Format: %s: Timer start failed for %s

Explanation No system resources.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

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TCP-6

Error Message TCP-6-EXISTS Format: %s: Child Exists: %d, ppid %d

Explanation Child already registered.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message TCP-6-NOT_FOUND Format: %s: Parent not found: %d, cpid %d

Explanation Parent process not found.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message TCP-6-TCP_MD5_AUTH_FAILURE Format: %s:Dropping packets from src:%s.%d,dst:%s.%d

Explanation TCP received packet which fails authentication. The packet is dropped.

Recommended Action No action is required.

Error Message TCP-6-TCP_MTS_UNKNOWN_MSG Format: Received unknown MTS message with opcde %d, dropping it

Explanation TCP received an unknown MTS message. The message is dropped.

Recommended Action No action is required.

TSP Messages

This section contains the TSP messages.

TSP-3

Error Message TSP-3-INIT_PROC Format: %s%s

Explanation Failed to init process with TSP.
Parameters: Reason, Error string ...

Recommended Action No action is required.

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Error Message TSP-3-INIT_THREAD Format: %s%s

Explanation Failed to init thread with TSP.
Parameters: Reason, Error string ...

Recommended Action No action is required.

Error Message TSP-3-INVALID_LOCK_INDEX Format: Lock index invalid

Explanation Lock index is invalid.

Recommended Action No action is required.

Error Message TSP-3-INVALID_THREAD_ID Format: Invalid thread id: %d

Explanation Invalid thread id.
Parameters: Thread id ...

Recommended Action No action is required.

Error Message TSP-3-LOCK_MODE_CONFLICT Format: Lock mode conflict

Explanation Lock R/W mode conflict.

Recommended Action No action is required.

Error Message TSP-3-LOCK_RELEASE_ORDER Format: Lock release out of order

Explanation Releasing locks out of order.

Recommended Action No action is required.

Error Message TSP-3-LOCK_STACK_EMPTY Format: Lock stack empty

Explanation Lock stack is empty.

Recommended Action No action is required.

Error Message TSP-3-LOCK_STACK_FULL Format: Lock stack full

Explanation Lock stack is full.

Recommended Action No action is required.

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Error Message TSP-3-MUTEX_LOCK_FAIL Format: pthread_mutex_lock() failed: %s

Explanation Failed to lock mutex.
Parameters: Error string ...

Recommended Action No action is required.

Error Message TSP-3-MUTEX_UNLOCK_FAIL Format: pthread_mutex_unlock() failed: %s

Explanation Failed to unlock mutex.
Parameters: Error string ...

Recommended Action No action is required.

Error Message TSP-3-RWSEM_CREATE_FAIL Format: rwsem_create(sap=%u, flags=%#x) err %#x - %s

Explanation Failed to create rwsem.
Parameters: Lock SAP id, Flags, Error code, Error string ...

Recommended Action No action is required.

Error Message TSP-3-RWSEM_HAVE_LOCK_FAIL Format: rwsem_have_lock(sap=%u, flags=%#x) err %#x - %s

Explanation Failed to query rwsem status.
Parameters: Lock SAP id, Flags, Error code, Error string ...

Recommended Action No action is required.

Error Message TSP-3-RWSEM_INIT_FAIL Format: rwsem_lib_init(vdc=%u, uuid=%u, tid=%u) err %#x - %s

Explanation Failed to initialize rwsem.
Parameters: VDC id, UUID, TID, Error code, Error string ...

Recommended Action No action is required.

Error Message TSP-3-RWSEM_LOCK_FAIL Format: rwsem_lock_no_sig(%s SAP %u) failed: %s

Explanation Failed to lock rwsem.
Parameters: R/W, Lock SAP id, Error string ...

Recommended Action No action is required.

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Error Message TSP-3-RWSEM_UNLOCK_FAIL Format: rwsem_unlock(%s SAP %u) failed: %s

Explanation Failed to unlock rwsem.
Parameters: R/W, Lock SAP id, Error string ...

Recommended Action No action is required.

TSP-6

Error Message TSP-6-SUTIME_BACKWARDS Format: Getrusage s/utime went backwards %lu.%06lu -> %lu.%06lu

Explanation CPU usage counters went backwards
Parameters: old s/utime, current s/utime ...

Recommended Action No action is required.

TX Messages

This section contains the TX messages.

TX-3

Error Message TX-3-TXLIST_ERROR Format: %s

Explanation TXLIST API returned an error.

Recommended Action No action is required.

Error Message TX-3-TXLIST_PERROR Format: %s

Explanation TXLIST API returned a perror.

Recommended Action No action is required.

Error Message TX-3-TXTHREAD_ERROR Format: %s

Explanation TXTHREAD API returned an error.

Recommended Action No action is required.

Error Message TX-3-TXTHREAD_PERROR Format: %s

Explanation TXTHREAD API returned a perror.

Recommended Action No action is required.

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U6RIB Messages

This section contains the U6RIB messages.

U6RIB-2

Error Message U6RIB-2-API_INIT_SEM Format: Failed to init the API semaphore: open: %s, create: %s

Explanation U6RIB could not create the semaphore that protects access to the shared memory between U6RIB and its clients.

Parameters: Error from open, Error from create ...

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message U6RIB-2-NOPMEM Format: Failed to allocate private memory for %s

Explanation U6RIB has run out of private memory. This condition can be caused by a temporary increase in the number of routes in the network, or a general network or router misconfiguration.

Recommended Action Configure the network or router to decrease the number of routes, or add additional memory to the router.

Error Message U6RIB-2-NOSMEM Format: Failed to allocate shared memory for %s

Explanation U6RIB has run out of shared memory to store routes. This can be caused by a temporary increase of the number of routes in the network, or a general network or router misconfiguration.

Recommended Action Configure the network or router to decrease the number of routes, or reconfigure the shared memory through the following vdc mode commands: limit-resource u4route-mem min <min> max <max> limit-resource u6route-mem min <min> max <max>.

Error Message U6RIB-2-RES_MGR Format: Error returned from %s, errno: 0x%08x (%s) in %s()

Explanation The resource manager returned an error to U6RIB, while U6RIB was performing an action relating to its shared memory

Parameters: RM Function, Error Code, Error Description, Calling Function ...

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

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Error Message U6RIB-2-STARTUP_FAILURE Format: Startup failure: %s

Explanation An unrecoverable software error has occurred during u6RIB startup.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message U6RIB-2-TIMER_LIB Format: %s %s

Explanation The timer library returned an error, causing an unrecoverable problem for U6RIB.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message U6RIB-2-TOO_MANY_CLIENTS Format: %s client %s\

Explanation U6RIB cannot add this client because the U6RIB client limit has already been reached. Parameters: Resource, Client ...

Recommended Action Restart the component when the system is working.

U6RIB-3

Error Message U6RIB-3-ADD_PATH Format: %s: could not add path %s/%u via %s, %s for client %s\.

Explanation A route add operation has failed for the given client. There may be a previous error message that further explains the problem.

Parameters: Function, Prefix, Mask-len, NextHop, Interface, Client ...

Recommended Action No action is required.

Error Message U6RIB-3-ADD_TPATH Format: Client %s\ added %s/%u via tableid 0x%08x : %s

Explanation A route add operation has failed for the given client. This was because the tableid could not be found. This may be a transient error.

Parameters: Client, Prefix, Mask-len, Table-Id, Error ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

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Error Message U6RIB-3-ADD_TPATH_ROUTE Format: Client \%s\ added %s/%u%%s

Explanation A route add operation has failed for the given client. This was because the route could not be found. This may be a transient error.

Parameters: Client, Prefix, Mask-len, Table-name ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message U6RIB-3-ASSERT_ERROR Format: %s:%d: Assertion \%s\ failed.

Explanation An internal software error has occurred. An assertion held to be true failed.

Parameters: Filename, Line number, Expression ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message U6RIB-3-AVLADD_ERROR Format: Could not add %s (0x%08x) to the %s avl

Explanation U6RIB was unable to add a piece of data to an AVL data structure.

Parameters: Data item, Memory address, Data structure ...

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message U6RIB-3-AVLINIT_ERROR Format: Could not init %s avl for VRF %s

Explanation U6RIB was unable to correctly initialize an AVL data structure.

Parameters: AVL name, VRF-name ...

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message U6RIB-3-CMI_MTSSSEND_FAILURE Format: mts_send failure for client %s:
%s

Explanation U6RIB was unable to send MTS message to a particular client

Parameters: Client name, Error ...

Recommended Action Use the 'system switchover' command to switchover to the standby supervisor. If no standby is present, or the standby is not ready, use the 'reload' CLI command to reload the system. The state of the standby can be checked using the 'show system redundancy ha status' CLI command.

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Error Message U6RIB-3-CMI_PAYLOAD_CONV_ERR Format: CMI payload conversion error failure from %s order to %s order

Explanation The cmi payload conversion did not occur successfully.
Parameters: order, order ...

Recommended Action No action is required.

Error Message U6RIB-3-ECMP_LDSHR Format: %s

Explanation Error related to ECMP load-share configuration which will affect load-sharing for software-switched packets. If parity between hardware and software switching is important, perform a switchover.

Recommended Action Requires operator to intervene.

Error Message U6RIB-3-GET_INSTANCE_ERROR Format: instance not found for client %s\ in VRF %s

Explanation U6RIB could not find its data structures for a client in the shown VRF. The shown VRF should be reconfigured in the client. i.e. in router sub-mode configuration, 'no vrf <vrf-name>' Parameters: Client, VRF ...

Recommended Action Requires operator to intervene.

Error Message U6RIB-3-HTADD_ERROR Format: Could not add %s to the %s hash table

Explanation A severe hash table error was encountered. The system may run into more errors because of this problem.

Recommended Action Use the 'system switchover' command to switchover to the standby supervisor. If no standby is present, or the standby is not ready, use the 'reload' CLI command to reload the system. The state of the standby can be checked using the 'show system redundancy ha status' CLI command.

Error Message U6RIB-3-INCONSISTENT_RNH Format: %s: %s/%d

Explanation The system has detected an error.
Parameters: Owner, Prefix, Length ...

Recommended Action No action is required.

Error Message U6RIB-3-INCONSISTENT_ROUTE Format: %s: %s/%d via %s

Explanation The system has detected an error.
Parameters: Owner, Prefix, Length, Next-hop ...

Recommended Action No action is required.

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Error Message U6RIB-3-INCONSISTENT_STRUCTURE Format: %s

Explanation Unexpected remaining state during RIB cleanup.

Recommended Action No action is required.

Error Message U6RIB-3-INCONSISTENT_SUMMARY Format: %s: routes %d, rnh's %d

Explanation Unexpected remaining state for client during RIB cleanup, see following for state:
'show routing ipv6 unicast internal event-history errors'

Parameters: Owner, Routes, RNHs ...

Recommended Action No action is required.

Error Message U6RIB-3-INSTANCE_CREATE_ERROR Format: Failed to create routing instance info for client %s\, VRF %s

Explanation U6RIB could not create its data structures for a client in the shown VRF. There may be further errors to indicate the failure in more detail. The shown VRF should be reconfigured in the client. i.e. in router sub-mode configuration, 'no vrf <vrf-name>'

Parameters: Client, VRF ...

Recommended Action Requires operator to intervene.

Error Message U6RIB-3-KSINK_LIB_ERROR Format: %s %s

Explanation A error was encountered during ksink operations. The system may run into more errors because of this problem.

Recommended Action No action is required.

Error Message U6RIB-3-MOD_ERROR Format: Client %s\ requested modify route for %s/%d: %s

Explanation The named client sent a modify route request, which generated the shown error.

Parameters: Client, Prefix, Prefix-Length, Error ...

Recommended Action No action is required.

Error Message U6RIB-3-MORE_INFO_ERROR Format: Client %s\ : %s

Explanation This error provides further information about the previous error. Action should be taken depending on the previous error logged.

Parameters: Client, Message ...

Recommended Action No action is required.

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Error Message U6RIB-3-MORE_MTS_INFO_ERROR Format: source SAP is: %d dest SAP is: %d

Explanation This error provides further information about the previous MTS error. Action should be taken depending on the previous error logged.

Recommended Action No action is required.

Error Message U6RIB-3-MTS_BIND Format: mts_bind failed for %s: %s

Explanation U6RIB was unable to bind to an MTS queue SAP.
Parameters: MTS queue name, Error ...

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message U6RIB-3-MTS_DEREGISTER Format: mts_deregister failed for u6rib: %s

Explanation U6RIB was unable to deregister client from U6RIB notifications, causing an unrecoverable error.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message U6RIB-3-MTS_DROP Format: Error returned from mts_drop(), errno: %s

Explanation An MTS API returned an error when U6RIB tried to drop a message.

Recommended Action No action is required.

Error Message U6RIB-3-MTS_NO_PAYLOAD_ERROR Format: Received MTS message with no payload on %s queue with opcode %d, dropping it

Explanation U6RIB received an unknown message. The message is dropped.

Recommended Action No action is required.

Error Message U6RIB-3-MTS_OPTIONS Format: MTS option set failed for opcode %s: %s (%d)

Explanation U6RIB was unable to set options for an MTS opcode
Parameters: Requestor, Error String, Error ...

Recommended Action Use the 'system switchover' command to switchover to the standby supervisor. If no standby is present, or the standby is not ready, use the 'reload' CLI command to reload the system. The state of the standby can be checked using the 'show system redundancy ha status' CLI command.

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Error Message U6RIB-3-MTS_RECV Format: Error returned from mts_recv(%s), errno: %s

Explanation An MTS API returned an error while U6RIB was receiving on an MTS queue.
Parameters: Queue name, Error ...

Recommended Action No action is required.

Error Message U6RIB-3-MTS_REGISTER Format: mts_register failed for u6rib: %s

Explanation U6RIB was unable to register client for U6RIB notifications, causing an unrecoverable error.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message U6RIB-3-NO_L3VM_INFO_ERROR Format: no L3VM info for table id 0x%08x from client %s\ - unknown to L3VM

Explanation A client tried to add some information to U6RIB, and provided a Table-Id that is unknown in the system. The client should be restarted.
Parameters: Table-Id Client name ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message U6RIB-3-NO_L3VM_LIMITS Format: Could not get routing table limits from L3VM

Explanation U6RIB could not pull the routing limits for the table. L3VM should be restarted.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message U6RIB-3-NOT_INIT_L3VM_ERROR Format: L3VM info for table id 0x%08x from client %s\ not available - U6RIB not initialised with L3VM

Explanation A client tried to add some information to the U6RIB, before U6RIB has registered for table information. The client should be restarted.
Parameters: Table-Id, Client name ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message U6RIB-3-OPEN_CLIENT_SHM_ERROR Format: Failed to open client shared memory %s\ : %s

Explanation The calling process failed with the shown error while trying to open the named U6RIB shared memory region. The status of the memory is shown in 'show process memory shared'.
Parameters: Name of shared memory region ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

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Error Message U6RIB-3-PSS Format: Error returned from %s, errno: 0x%08x (%s) in %s()

Explanation U6RIB called a PSS API which returned an error. The error reported should be examined for the cause.

Parameters: Failed API, Error Code, Error Description, u6RIB Function ...

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message U6RIB-3-PTADD_ERROR Format: Could not add %s/%d to the %s pt, error code %d

Explanation A severe route table error was encountered. The system may run into more errors because of this problem.

Recommended Action Use the 'system switchover' command to switchover to the standby supervisor. If no standby is present, or the standby is not ready, use the 'reload' CLI command to reload the system. The state of the standby can be checked using the 'show system redundancy ha status' CLI command.

Error Message U6RIB-3-QADD_ERROR Format: Could not add %s to the %s queue

Explanation A severe queue error was encountered. The system may run into more errors because of this problem.

Recommended Action Use the 'system switchover' command to switchover to the standby supervisor. If no standby is present, or the standby is not ready, use the 'reload' CLI command to reload the system. The state of the standby can be checked using the 'show system redundancy ha status' CLI command.

Error Message U6RIB-3-QDEL_ERROR Format: Could not delete %s from the %s queue

Explanation A severe queue error was encountered. The system may run into more errors because of this problem.

Recommended Action Use the 'system switchover' command to switchover to the standby supervisor. If no standby is present, or the standby is not ready, use the 'reload' CLI command to reload the system. The state of the standby can be checked using the 'show system redundancy ha status' CLI command.

Error Message U6RIB-3-RANGE_CHECK_ERR Format: Range check of %s failed from %s (0x%08x)

Explanation The value provided is outside of the acceptable range.
Parameters: Range, Provider of value, Value Provided ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message U6RIB-3-RNH_LOOP_ERROR Format: Number of prefixes forming rnh loop exceeds %d\n Flagging route %s/%d from client %s\ with nh %s, rnh %s/%d\n as causing rnh loop

Explanation U6RIB detected a loop between routes installed in the RIB. Check the message to see which client caused the loop, and take appropriate action.

Parameters: Max RNH Loop, Prefix, Prefix Length, Client, Next-hop, Prefix, Prefix Length ...

Recommended Action Requires operator to intervene.

Error Message U6RIB-3-ROTECOUNT_UNDERFLOW Format: Routing table statistic current tried to underflow deleting %s/%d

Explanation The system tried to decrement the current number of routes in the table, but the statistic was already zero.

Parameters: Prefix, Mask Len ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message U6RIB-3-ROTELIMIT_EXCEEDED Format: Number of routes (%llu) reached or exceeds configured limit (%lu); dropped (%llu)

Explanation The number of routes in the named routing table has reached the configured limit. No further routes will be added to the table

Parameters: Current number of routes, Configured limit, Dropped routes ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message U6RIB-3-ROTELIMIT_NOT_ENFORCED Format: Number of routes (%llu) already exceeds newly configured limit (%lu); dropped (%llu)

Explanation The number of routes in the named routing table is already more than the newly configured limit. No further routes will be added to the table, but the new limit has not been enforced.

Parameters: Current number of routes, Configured limit, Dropped routes ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message U6RIB-3-ROTELIMIT_WARNING Format: Number of routes (%llu) exceeds warning limit (%lu)

Explanation The number of routes in the named routing table has reached the configured warning limit.

Parameters: Current number of routes, Warning limit ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message U6RIB-3-RPM_LIB_ERROR Format: %s %d

Explanation An RPM library function returned an error.
Parameters: Function, RPM Error Code ...

Recommended Action No action is required.

Error Message U6RIB-3-SDWRAP_LIB_ERROR Format: %s %s

Explanation A SDWrap library function returned an error.
Parameters: Function, SDWrap Error Code ...

Recommended Action No action is required.

Error Message U6RIB-3-SEND_FROM_ERROR Format: Send from U6RIB to client %s\ failed: %s

Explanation U6RIB was unable to send a message to the shown client.
Parameters: Client, Error ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message U6RIB-3-SEND_TO_ERROR Format: Send to u6rib failed: %s

Explanation The calling process was unable to send a message to U6RIB.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message U6RIB-3-STRUCT_ERROR Format: Structural error: %s, client %s\, table id 0x%08x.

Explanation A severe data structural error was encountered. The system may run into more errors because of this problem.
Parameters: Problem, Client, Table id ...

Recommended Action Use the 'system switchover' command to switchover to the standby supervisor. If no standby is present, or the standby is not ready, use the 'reload' CLI command to reload the system. The state of the standby can be checked using the 'show system redundancy ha status' CLI command.

Error Message U6RIB-3-TABLE_CREATE_ERROR Format: Failed to create table info for VRF %s for client %s\

Explanation U6RIB could not create its table data structure for the VRF being created. There may be further errors that indicate the failure in more detail. The shown VRF should be reconfigured in the system. i.e. in global configuration, 'no vrf context <vrf-name>'
Parameters: VRF, Client ...

Recommended Action Requires operator to intervene.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message U6RIB-3-TABLE_STATE_ERROR Format: Table state %s for VRF %s for client %s\
\%s\

Explanation U6RIB received a request from a client for a given VRF, but the given VRF was in a state where that request is not permitted
Parameters: State, VRF, Client ...

Recommended Action Requires operator to intervene.

Error Message U6RIB-3-UFDM_MTSSSEND_FAILURE Format: MTS send to UFDM failed with unexpected error %d

Explanation U6RIB was unable to send a route update to UFDM. This means there will be a route missing from the FIB.

Recommended Action Use the 'system switchover' command to switchover to the standby supervisor. If no standby is present, or the standby is not ready, use the 'reload' CLI command to reload the system. The state of the standby can be checked using the 'show system redundancy ha status' CLI command.

Error Message U6RIB-3-UNCONVERGED_ROUTING_CLIENT Format: Client %s\
\ did not signal convergence

Explanation The named Client did not signal convergence as expected, within a default time frame.
Parameters: Client ...

Recommended Action No action is required.

Error Message U6RIB-3-UNKNOWN_ROUTING_CLIENT Format: Client %s\
\ trying to perform unexpected routing operation

Explanation The named Client is calling a routing API, but U6RIB does not expect this client to perform route operations.
Parameters: Client ...

Recommended Action No action is required.

U6RIB-4

Error Message U6RIB-4-COMM_BUFF_ERROR Format: Only created %d %s communication buffers of size %d

Explanation Fewer communication buffers were created than expected. This will have been caused by a low memory condition. Examine the logs for the low memory error.

Recommended Action Configure the network or router to decrease the number of routes, or reconfigure the shared memory through the following vdc mode commands: limit-resource u4route-mem min <min> max <max> limit-resource u6route-mem min <min> max <max>.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message U6RIB-5-DUP_REGISTER Format: Client \%s\ register more than once with same pid

Explanation A client tried to register more than once with U6RIB. The re-registration was ignored.

Recommended Action No action is required.

Error Message U6RIB-5-GENERAL_FAILURE Format: Failed to %s

Explanation The logged action failed.

Recommended Action Use the 'system switchover' command to switchover to the standby supervisor. If no standby is present, or the standby is not ready, use the 'reload' CLI command to reload the system. The state of the standby can be checked using the 'show system redundancy ha status' CLI command.

Error Message U6RIB-5-NOTIFY_THREAD Format: Failed to notify %s thread - Reschedule

Explanation An unexpected but recoverable event has occurred.

Recommended Action No action is required.

Error Message U6RIB-5-NULL_WORKITEM_PIB Format: No client info found for work item type %d table %08lu

Explanation An unexpected but recoverable event has occurred.

Recommended Action No action is required.

Error Message U6RIB-5-PID_CHANGED Format: Client \%s\ register with new pid

Explanation A client re-registered with a new pid. This is likely if the client restarts. U6RIB accepted the re-registration.

Recommended Action No action is required.

Error Message U6RIB-5-RES_MGR_CHANGE Format: Changed u6route-mem from (%d, %d) to (%d, %d)

Explanation The requested limit-resource command was adapted to fit the limits in this version. Parameters: Requested Min, Requested Max, New Min, New Max ...

Recommended Action No action is required.

Error Message U6RIB-5-UNK_MSG_MINOR Format: Unrecognised %s message minor type %d

Explanation U6RIB received an unknown message. The message is dropped.

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message U6RIB-5-UNK_MTS_OPC Format: %s thread - Unrecognised MTS opcode %d

Explanation U6RIB received an unknown message. The message is dropped
Parameters: Thread name, Op-code ...

Recommended Action No action is required.

U6RIB-6

Error Message U6RIB-6-GENERAL_INFO Format: %s

Explanation Informational message only.

Recommended Action No action is required.

Error Message U6RIB-6-MTS_SHORT_MSG_ERROR Format: Received short (%d < %d) MTS message on %s queue with opcode %d, dropping it

Explanation U6RIB received an unknown message. The message is dropped.

Recommended Action No action is required.

Error Message U6RIB-6-NH_DELETED_NIB_INFO Format: Found hidden next-hop %s (%d) for client %s\ in deleted NIB

Explanation U6RIB found a hidden next-hop for the client While a client was deregistering for a table.
Parameters: Next-hop, Interface, Client ...

Recommended Action No action is required.

Error Message U6RIB-6-NO_MTS_PAYLOAD Format: Received MTS message with no payload in thread %s from sap %d, dropping it

Explanation U6RIB received an unknown message. The message is dropped.

Recommended Action No action is required.

Error Message U6RIB-6-ROUTE LIMIT_OVERFLOWED Format: Routing table statistic %s\ overflowed 32 bits

Explanation The routing table statistic is returned in a MIB which only supports 32 bit values. The statistic just past the maximum value for 32 bits.
Parameters: Statistic name ...

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message U6RIB-6-ROUDELIMIT_RECOVERED Format: Number of routes (%llu) is below the configured limit (%lu)

Explanation The number of routes in the named routing table has fallen below the configured limit. The routing table has recovered
Parameters: Current number of routes, Configured limit ...

Recommended Action No action is required.

Error Message U6RIB-6-ROUDELIMIT_REINSTALL Format: Routing table was reinstalled

Explanation The routing table was automatically reloaded to allow the new routing limit or because the reinstall threshold was crossed.

Recommended Action No action is required.

Error Message U6RIB-6-TRACE_OVERFLOW Format: Trace buffer %s overflowed

Explanation The given event trace overflowed. This is normal behavior.
Parameters: Trace name ...

Recommended Action No action is required.

URIB Messages

This section contains the URIB messages.

URIB-2

Error Message URIB-2-API_INIT_SEM Format: Failed to init the client API semaphore: open: %s, create: %s

Explanation URIB could not create the semaphore that protects access to the shared memory between URIB and its clients.
Parameters: Error from open, Error from create ...

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message URIB-2-BAD_PT Format: Possible Patricia tree corruption in %s

Explanation An unrecoverable software error has occurred because of a bad route table.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message URIB-2-NOPMEM Format: Failed to allocate private memory for %s

Explanation URIB has run out of private memory. This condition can be caused by a temporary increase in the number of routes in the network, or a general network or router misconfiguration.

Recommended Action Configure the network or router to decrease the number of routes, or add additional memory to the router.

Error Message URIB-2-NOSMEM Format: Failed to allocate shared memory for %s

Explanation URIB has run out of shared memory to store routes and related information. This condition can be caused by a temporary increase in the number of routes in the network, or a general network or router misconfiguration.

Recommended Action Configure the network or router to decrease the number of routes, or reconfigure the shared memory through the following vdc mode commands: `limit-resource u4route-mem min <min> max <max>` `limit-resource u6route-mem min <min> max <max>`.

Error Message URIB-2-RES_MGR Format: Error returned from %s, errno: 0x%08x (%s) in %s()

Explanation The resource manager returned an error to URIB, while URIB was performing an action relating to its shared memory
Parameters: RM Function, Error Code, Error Description, Calling Function ...

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message URIB-2-STARTUP_FAILURE Format: Startup failure: %s

Explanation An unrecoverable software error has occurred during URIB startup.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message URIB-2-TIMER_LIB Format: %s %s

Explanation The timer library returned an error, causing an unrecoverable problem for URIB.

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message URIB-2-TOO_MANY_CLIENTS Format: %s client %s\

Explanation URIB cannot add this client because the URIB client limit has already been reached.
Parameters: Resource, Client ...

Recommended Action Restart the component when the system is working.

Send document comments to nexus7k-docfeedback@cisco.com

URIB-3

Error Message URIB-3-ADD_ERROR Format: Client \%s\ could not add %s/%d to the %s

Explanation A error was encountered. The system may run into more errors because of this problem.
Parameters: Client, Prefix, Length, Target ...

Recommended Action Use the 'system switchover' command to switchover to the standby supervisor. If no standby is present, or the standby is not ready, use the 'reload' CLI command to reload the system. The state of the standby can be checked using the 'show system redundancy ha status' CLI command.

Error Message URIB-3-ADD_PATH_ERROR Format: %s: could not add path for client \%s\.

Explanation A route add operation has failed for the given client. There may be a previous error message that further explains the problem.
Parameters: Function, Client ...

Recommended Action No action is required.

Error Message URIB-3-ADD_RPATH Format: Client \%s\ added %s/%u via not found rnh %s/%u%%s

Explanation A route add operation has failed for the given client. This may be a transient error.
Parameters: Client, Prefix, Mask-len, Recursive Prefix, Recursive Mask-len, Table ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message URIB-3-ADD_TPATH Format: Client \%s\ added %s/%u via tableid 0x%08x : %s

Explanation A route add operation has failed for the given client. This was because the tableid could not be found. This may be a transient error.
Parameters: Client, Prefix, Mask-len, Table-Id, Error ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message URIB-3-ADD_TPATH_ROUTE Format: Client \%s\ added %s/%u%%s

Explanation A route add operation has failed for the given client. This was because the route could not be found. This may be a transient error.
Parameters: Client, Prefix, Mask-len, Table-name ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message URIB-3-ASSERT_ERROR Format: %s:%d: Assertion \"%s\" failed.

Explanation An internal software error has occurred. An assertion held to be true failed.
Parameters: Filename, Line number, Expression ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message URIB-3-AVLADD_ERROR Format: Could not add %s (0x%08x) to the %s avl

Explanation URIB was unable to add a piece of data to an AVL data structure.
Parameters: Data item, Memory address, Data structure ...

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message URIB-3-AVLINIT_ERROR Format: Could not init %s avl for VRF %s

Explanation URIB was unable to correctly initialize an AVL data structure.
Parameters: AVL name, VRF-name ...

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message URIB-3-CMI_MTSSEND_FAILURE Format: mts_send failure for client %s: %s

Explanation URIB was unable to send MTS message to a particular client
Parameters: Client name, Error ...

Recommended Action Use the 'system switchover' command to switchover to the standby supervisor. If no standby is present, or the standby is not ready, use the 'reload' CLI command to reload the system. The state of the standby can be checked using the 'show system redundancy ha status' CLI command.

Error Message URIB-3-CMI_PAYLOAD_CONV_ERR Format: CMI payload conversion error failure from %s order to %s order

Explanation The cmi payload conversion did not occur successfully.
Parameters: order, order ...

Recommended Action No action is required.

Error Message URIB-3-COPY_ERROR Format: Could not copy %s for %s/%d

Explanation A error was encountered during route optimization. The system may run into more errors because of this problem.

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message URIB-3-DEL_ERROR Format: Could not delete %s/%d from %s

Explanation A error was encountered. The system may run into more errors because of this problem.

Recommended Action Use the 'system switchover' command to switchover to the standby supervisor. If no standby is present, or the standby is not ready, use the 'reload' CLI command to reload the system. The state of the standby can be checked using the 'show system redundancy ha status' CLI command.

Error Message URIB-3-DEL_PATH_ERROR Format: %s: could not del path for client %s\.

Explanation A route add operation has failed for the given client. There may be a previous error message that further explains the problem.
Parameters: Function, Client ...

Recommended Action No action is required.

Error Message URIB-3-EPID_MIS_MATCH_ERROR Format: %s\ epid (%u) does not match known epid (%u)

Explanation The id a client provided does not match the id that URIB currently has stored for the client. The client probably restarted ungracefully and URIB has the old id.
Parameters: Client, Expected epid, Received epid ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message URIB-3-FILE_OPEN_ERROR Format: File open error: %s

Explanation This message is for internal debugging only.

Recommended Action No action is required.

Error Message URIB-3-FILE_WRITE_ERROR Format: File write error: %s

Explanation This message is for internal debugging only.

Recommended Action No action is required.

Error Message URIB-3-GENERAL_CRIB_ERROR Format: %s

Explanation CRIB not in use.

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message URIB-3-GENERAL_PTHREAD_ERROR Format: Thread %d: %s

Explanation The POSIX pthread library returned an error to URIB.
Parameters: Thread name, Thread operation ...

Recommended Action Use the 'system switchover' command to switchover to the standby supervisor. If no standby is present, or the standby is not ready, use the 'reload' CLI command to reload the system. The state of the standby can be checked using the 'show system redundancy ha status' CLI command.

Error Message URIB-3-GENERAL_UI_ERROR Format: %s

Explanation The shown error occurred while the user interface was processing a request. The request should be tried again.
Parameters: Error ...

Recommended Action Requires operator to retry the request.

Error Message URIB-3-GET_INSTANCE_ERROR Format: instance not found for client %s\
in VRF %s

Explanation URIB could not find its data structures for a client in the shown VRF. The shown VRF should be reconfigured in the client. i.e. in router sub-mode configuration, 'no vrf <vrf-name>' Parameters: Client, VRF ...

Recommended Action Requires operator to intervene.

Error Message URIB-3-HTADD_ERROR Format: Could not add %s to the %s hash table

Explanation A severe hash table error was encountered. The system may run into more errors because of this problem.

Recommended Action Use the 'system switchover' command to switchover to the standby supervisor. If no standby is present, or the standby is not ready, use the 'reload' CLI command to reload the system. The state of the standby can be checked using the 'show system redundancy ha status' CLI command.

Error Message URIB-3-INCONSISTENT_RNH Format: %s: %s/%d

Explanation Unexpected remaining recursive next-hop removed during RIB cleanup
Parameters: Owner, Prefix, Length ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message URIB-3-INCONSISTENT_ROUTE Format: %s: %s/%d via %s

Explanation Unexpected remaining route removed during RIB cleanup.
Parameters: Owner, Prefix, Length, Next-hop ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message URIB-3-INCONSISTENT_STRUCTURE Format: %s

Explanation Unexpected remaining state removed during RIB cleanup.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message URIB-3-INCONSISTENT_SUMMARY Format: %s: routes %d, rnh's %d

Explanation Unexpected remaining state for client during RIB cleanup. Use the 'show routing ipv4 unicast internal event-history errors' command for more information.
Parameters: Owner, Routes, RNHs ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message URIB-3-INSTANCE_CREATE_ERROR Format: Failed to create routing instance info for client %s, VRF %s

Explanation URIB could not create its data structures for a client in the shown VRF. There may be further errors to indicate the failure in more detail. The shown VRF should be reconfigured in the client. i.e. in router sub-mode configuration, 'no vrf <vrf-name>'
Parameters: Client, VRF ...

Recommended Action Requires operator to intervene.

Error Message URIB-3-KSINK_LIB_ERROR Format: %s %s

Explanation A error was encountered during ksink operations. The system may run into more errors because of this problem.

Recommended Action No action is required.

Error Message URIB-3-LABELCOUNT_UNDERFLOW Format: Label count tried to underflow for %s

Explanation The client tried to decrement the current number of labels, but the statistic was already zero.
Parameters: Pib ...

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message URIB-3-MOD_ERROR Format: Client \%s\ could not modify %s/%d: %s

Explanation A error was encountered. The system may run into more errors because of this problem.
Parameters: Client, Prefix, Length, Reason ...

Recommended Action Use the 'system switchover' command to switchover to the standby supervisor. If no standby is present, or the standby is not ready, use the 'reload' CLI command to reload the system. The state of the standby can be checked using the 'show system redundancy ha status' CLI command.

Error Message URIB-3-MORE_INFO_ERROR Format: Client \%s\ : %s

Explanation This error provides further information about the previous error. Action should be taken depending on the previous error logged.
Parameters: Client, Message ...

Recommended Action No action is required.

Error Message URIB-3-MORE_MTS_INFO_ERROR Format: source SAP is: %d dest SAP is: %d

Explanation This error provides further information about the previous MTS error. Action should be taken depending on the previous MTS error logged.

Recommended Action No action is required.

Error Message URIB-3-MTS_BIND Format: mts_bind failed for %s: %s

Explanation URIB was unable to bind to an MTS queue SAP, causing an unrecoverable error.
Parameters: MTS queue name, Error ...

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message URIB-3-MTS_DEREGISTER Format: mts_deregister failed for urib: %s

Explanation URIB was unable to deregister client from URIB notifications, causing an unrecoverable error.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message URIB-3-MTS_DROP Format: Error returned from mts_drop(), error: %s

Explanation An MTS API returned an error when URIB tried to drop a message.

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message URIB-3-MTS_NO_CLIENT_SAP Format: %s: client \%s\ has not provided a SAP for ack

Explanation A client registered with URIB, but did not provide a SAP for URIB to send reply messages to. This caused an unrecoverable error.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message URIB-3-MTS_NO_PAYLOAD_ERROR Format: Received MTS message with no payload on %s queue with opcode %d, dropping it. src SAP: %d dst SAP: %d

Explanation URIB received an unknown message. The message is dropped.

Recommended Action No action is required.

Error Message URIB-3-MTS_OPTIONS Format: MTS option set failed for opcode %s: %s (%d)

Explanation URIB was unable to set options for an MTS opcode
Parameters: Requestor, Error String, Error ...

Recommended Action Use the 'system switchover' command to switchover to the standby supervisor. If no standby is present, or the standby is not ready, use the 'reload' CLI command to reload the system. The state of the standby can be checked using the 'show system redundancy ha status' CLI command.

Error Message URIB-3-MTS_RECV Format: Error returned from mts_recv(%s), errno: %s

Explanation An MTS API returned an error while URIB was receiving on an MTS queue.
Parameters: Queue name, Error ...

Recommended Action No action is required.

Error Message URIB-3-MTS_REGISTER Format: mts_register failed for urib: %s

Explanation URIB was unable to register client for URIB notifications, causing an unrecoverable error.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message URIB-3-MTS_SHORT_MSG_ERROR Format: Received short (%d < %d) MTS message on %s queue with opcode %d, dropping it. src SAP: %d dst SAP: %d

Explanation URIB received an unknown message. The message is dropped.

Recommended Action No action is required.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message URIB-3-MTS_SIZE_ERROR Format: %s: incorrect %s message size from client %s: %d (should be %d)

Explanation The size of a URIB message is incorrect for the type of message. The message is dropped.

Recommended Action No action is required.

Error Message URIB-3-MTS_UBIND Format: mts_unbind failed for %s: %s

Explanation URIB was unable to unbind from an MTS queue SAP, causing an unrecoverable error. Parameters: MTS queue name, Error ...

Recommended Action Use the 'system switchover' command to switchover to the standby supervisor. If no standby is present, or the standby is not ready, use the 'reload' CLI command to reload the system. The state of the standby can be checked using the 'show system redundancy ha status' CLI command.

Error Message URIB-3-MTS_UNK_OPC Format: Received unknown MTS message on %s queue with opcode %d, dropping it. src SAP: %d dst SAP: %d

Explanation URIB received an unknown message. The message is dropped. Parameters: Queue name, Op-code, SAP number, SAP number ...

Recommended Action No action is required.

Error Message URIB-3-NH_RESOLV_ADD_ERROR Format: Could not add %s/%d to the %s (%d) resolve buffer

Explanation A error was encountered. The system may run into more errors because of this problem.

Recommended Action Use the 'system switchover' command to switchover to the standby supervisor. If no standby is present, or the standby is not ready, use the 'reload' CLI command to reload the system. The state of the standby can be checked using the 'show system redundancy ha status' CLI command.

Error Message URIB-3-NO_L3VM_INFO_ERROR Format: no L3VM info for table id 0x%08x from client %s\ - unknown to L3VM

Explanation A client tried to add some information to URIB and provided a Table-Id that is unknown in the system. The client should be restarted. Parameters: Table-Id Client name ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Send document comments to nexus7k-docfeedback@cisco.com

Error Message URIB-3-NO_L3VM_LIMITS Format: Could not get routing table limits from L3VM

Explanation URIB could not pull the routing limits for the table. L3VM should be restarted.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message URIB-3-NOT_INIT_L3VM_ERROR Format: L3VM info for table id 0x%08x from client %s\ not available - URIB not initialised with L3VM

Explanation A client tried to add some information to the URIB, before URIB has registered for the table information. The client should be restarted.

Parameters: Table-Id, Client name ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message URIB-3-OPEN_CLIENT_SHM_ERROR Format: Failed to open client shared memory %s\ : %s

Explanation The calling process failed with the shown error while trying to open the named URIB shared memory region. The status of the memory is shown in 'show process memory shared'.

Parameters: Name of shared memory region ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message URIB-3-PSS Format: Error returned from %s, errno: 0x%08x (%s) in %s()

Explanation URIB called a PSS API which returned an error. The error reported should be examined for the cause.

Parameters: Failed API, Error Code, Error Description, URIB Function ...

Recommended Action Use 'reload' command to reload the system. Be aware that this problem affects all VDCs on the system.

Error Message URIB-3-PTADD_ERROR Format: Could not add %s/%d to the %s pt, error code %d

Explanation A severe route table error was encountered. The system may run into more errors because of this problem.

Recommended Action Use the 'system switchover' command to switchover to the standby supervisor. If no standby is present, or the standby is not ready, use the 'reload' CLI command to reload the system. The state of the standby can be checked using the 'show system redundancy ha status' CLI command.

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Error Message URIB-3-PTDEL_ERROR Format: Could not delete %s/%d from the URIB pt, error code %d

Explanation A severe route table error was encountered. The system may run into more errors because of this problem.

Recommended Action Use the 'system switchover' command to switchover to the standby supervisor. If no standby is present, or the standby is not ready, use the 'reload' CLI command to reload the system. The state of the standby can be checked using the 'show system redundancy ha status' CLI command.

Error Message URIB-3-QADD_ERROR Format: Could not add %s to the %s queue

Explanation A severe queue error was encountered. The system may run into more errors because of this problem.

Recommended Action Use the 'system switchover' command to switchover to the standby supervisor. If no standby is present, or the standby is not ready, use the 'reload' CLI command to reload the system. The state of the standby can be checked using the 'show system redundancy ha status' CLI command.

Error Message URIB-3-RANGE_CHECK_ERR Format: Range check of %s failed from %s (0x%08x)

Explanation The value provided is outside of the acceptable range.
Parameters: Range, Provider of value, Value Provided ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message URIB-3-RNH_LOOP_ERROR Format: Number of prefixes forming rnh loop exceeds %d\n Flagging route %s/%d from client %s\ with rnh %s/%d\n as causing rnh loop

Explanation URIB detected a loop between routes installed in the RIB. The message shows which client caused the loop.

Parameters: Max RNH Loop, Prefix, Prefix Length, Client, Prefix, Prefix Length ...

Recommended Action Requires operator to intervene.

Error Message URIB-3-RNH_REFCOUNT Format: Client %s\ deleting RNH %s/%u with refcount %u

Explanation A client tried to delete a Recursive Next-hop while that RNH was still in use.
Parameters: Client, Prefix, Mask-len, Reference count ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

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Error Message URIB-3-ROUTECOUNT_UNDERFLOW Format: Routing table statistic current tried to underflow deleting %s/%d

Explanation The system tried to decrement the current number of routes in the table, but the statistic was already zero.

Parameters: Prefix, Mask Len ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message URIB-3-RPM_LIB_ERROR Format: %s %d

Explanation An RPM library function returned an error.

Parameters: Function, RPM Error Code ...

Recommended Action No action is required.

Error Message URIB-3-SDWRAP_LIB_ERROR Format: %s %s

Explanation A SDWrap library function returned an error.

Parameters: Function, SDWrap Error Code ...

Recommended Action No action is required.

Error Message URIB-3-SEND_FROM_ERROR Format: Send from URIB to client %s\ failed: %s

Explanation URIB was unable to send a message to the shown client.

Parameters: Client, Error ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message URIB-3-SEND_NOTIF_ERROR Format: Failed to send %s notification buffer to client %s\; retried %lu times

Explanation URIB was unable to send a notification to a client.

Parameters: Type of Notify, Client, Retries ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message URIB-3-SEND_TO_ERROR Format: Send to URIB failed: %s

Explanation The calling process was unable to send a message to URIB.

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

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Error Message URIB-3-TABLE_CREATE_ERROR Format: Failed to create table info for VRF %s for client %s\

Explanation URIB could not create its table data structure for the VRF being created. There may be further errors that indicate the failure in more detail. The shown VRF should be reconfigured in the system. i.e. in global configuration, 'no vrf context <vrf-name>'

Parameters: VRF, Client ...

Recommended Action Requires operator to intervene.

Error Message URIB-3-TABLE_STATE_ERROR Format: Table state %s for VRF %s for client %s\

Explanation URIB received a request from a client for a given VRF, but the given VRF was in a state where that request is not permitted

Parameters: State, VRF, Client ...

Recommended Action Requires operator to intervene.

Error Message URIB-3-UFDM_MTSEND_FAILURE Format: MTS send; to UFDM failed with unexpected error %d

Explanation URIB was unable to send a route update to UFDM. This means there will be a route missing from the FIB.

Recommended Action Use the 'system switchover' command to switchover to the standby supervisor. If no standby is present, or the standby is not ready, use the 'reload' CLI command to reload the system. The state of the standby can be checked using the 'show system redundancy ha status' CLI command.

Error Message URIB-3-UNEXPECTED_MESSAGE Format: %s %d. src SAP: %d dst SAP: %d

Explanation An unexpected interprocess message was received.

Recommended Action No action is required.

Error Message URIB-3-XRI_TYPE_ERROR Format: Unknown XRI type %u

Explanation URIB detected unknown eXtended route information while displaying a next-hop address.

Recommended Action No action is required.

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Error Message URIB-4-ROUTE LIMIT_WARNING Format: Number of routes (%llu) exceeds warning limit (%lu)

Explanation The number of routes in the named routing table has reached the configured warning limit.

Parameters: Current number of routes, Warning limit ...

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

Error Message URIB-4-RTDEL_ERROR Format: Could not find prefix %s/%d, client \%s\sdeleterequest'

Explanation Route delete request was received for a non-existing route.

Parameters: Prefix, Prefix Length, Client ...

Recommended Action No action is required.

Error Message URIB-4-UFDM_ACKNOT_FOUND Format: Could not find UFDM buffer with ptr 0x%08x

Explanation Ack received for a UFDM buffer that URIB does not know about.

Parameters: Memory address of UFDM buffer ...

Recommended Action No action is required.

Error Message URIB-4-UNEXPECTED_VALUE Format: Unexpected value for %s

Explanation An unexpected value was encountered for the logged event.

Recommended Action No action is required.

Error Message URIB-4-XL_LICENSE_MEMORY Format: XL License installed; use \show routing memory estimate\ and see VDC resource u4route-mem documentation.

Explanation An XL License was just installed in the system. The memory currently configured for URIB may not be big enough to hold all the routes the hardware can install. Check VDC resource u4route-mem, then switchover to apply.

Recommended Action No action is required.

Error Message URIB-4-ZERO_NEXTHOP Format: Client \%s\ added 0.0.0.0 next hop and interface %s is not point-to-point

Explanation The client protocol added a 0.0.0.0 next-hop address on a nonpoint-to-point interface
Parameters: Client, Interface ...

Recommended Action No action is required.

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URIB-5

Error Message URIB-5-API_INIT_SEM_CLEAR Format: Cleared the API semaphore from %d

Explanation The API semaphore was in an unexpected state, and was restored to a correct value.
Parameters: Value of semaphore ...

Recommended Action No action is required.

Error Message URIB-5-BOGUS_INTF Format: Client %s\ tried to add %s/%d via %s with invalid iod %d

Explanation A bad interface was received in a path add from the client.
Parameters: Client, Prefix, Prefix Length, Next-hop, Iod ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message URIB-5-BOGUS_MASK Format: Client %s\ tried to add %s/%d

Explanation A bogus mask was received from the client.
Parameters: Client, Prefix, Prefix Length ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message URIB-5-BOGUS_PREFIX Format: %s\ tried to add %s/%d

Explanation A bogus prefix was received from the client.
Parameters: Client, Prefix, Prefix Length ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message URIB-5-BOGUS_RNH Format: %s\ tried to add %s/%d with RNH %s/%d

Explanation A bogus update with unexpected RNH was received from the client.
Parameters: Client, Prefix, Prefix Length, RNH, RNH Length ...

Recommended Action Use the 'restart' command to restart the feature and clear this problem.

Error Message URIB-5-GENERAL_FAILURE Format: Failed to %s

Explanation The logged action failed, causing an unrecoverable error. ; Recommended action: Use the 'system switchover' command to switchover to the standby supervisor. If no standby is present, or the standby is not ready, use the 'reload' CLI command to reload the system. The state of the standby can be checked using the 'show system redundancy ha status' CLI command.

Recommended Action Contact the Cisco Technical Assistance Center (TAC) through the Cisco Support web site <http://www.cisco.com/tac>.

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Error Message URIB-5-PATH_DELETE Format: Could not find %s for client \%s\, prefix %s/%d nexthop %s, %s

Explanation URIB could not find the path that a client tried to delete.
Parameters: Structure, Client, Prefix, Prefix Length, Next-hop, Interface ...

Recommended Action No action is required.

Error Message URIB-5-RES_MGR_CHANGE Format: Changed u4route-mem from (%d, %d) to (%d, %d)

Explanation The requested limit-resource command was adapted to fit the limits in this version.
Parameters: Requested Min, Requested Max, New Min, New Max ...

Recommended Action No action is required.

Error Message URIB-5-RPATH_DELETE Format: Could not find %s for client \%s\, prefix %s/%d rnh %s/%u

Explanation URIB could not find the recursive path that a client tried to delete.
Parameters: Structure, Client, Prefix, Prefix Length, Recursive Prefix, Recursive Mask-len ...

Recommended Action No action is required.

URIB-6

Error Message URIB-6-GENERAL_INFO Format: %s

Explanation Informational message only.

Recommended Action No action is required.

Error Message URIB-6-NH_DELETED_NIB_INFO Format: Found hidden rnh %s/%d for client \%s\ in deleted NIB

Explanation URIB found a hidden next-hop for a client while the client was deregistering for a table.
Parameters: Prefix, Mask Length, Interface, Client ...

Recommended Action No action is required.

Error Message URIB-6-ROUTE LIMIT_OVERFLOWED Format: Routing table statistic \%s\ overflowed 32 bits

Explanation The routing table statistic is returned in a MIB which only supports 32 bit values. The statistic just past the maximum value for 32 bits.
Parameters: Statistic name ...

Recommended Action No action is required.

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Error Message URIB-6-ROUDELIMIT_RECOVERED Format: Number of routes (%llu) is below the configured limit (%lu)

Explanation The number of routes in the named routing table has fallen below the configured limit. The routing table has recovered
Parameters: Current number of routes, Configured limit ...

Recommended Action No action is required.

Error Message URIB-6-ROUDELIMIT_REINSTALL Format: Routing table was reinstalled

Explanation The routing table was automatically reloaded to allow the new routing limit or because the reinstall threshold was crossed.

Recommended Action No action is required.

Error Message URIB-6-TRACE_OVERFLOW Format: Trace buffer %s overflowed

Explanation The given event trace overflowed. This is normal behavior.
Parameters: Trace name ...

Recommended Action No action is required.

Error Message URIB-6-UFDM_MGMT Format: Route %s/%d in VRF management not sent to ufdm

Explanation URIB tried to give a route in the management VRF to UFDM
Parameters: Prefix, Prefix Length ...

Recommended Action No action is required.

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