PKTDEBUG PMALLOC POE and POLICY System Messages

This chapter contains the following topics:

PKTDEBUG Messages

This section contains packet debugging (PKTDEBUG) messages.

Error Message `%PKTDEBUG-2-MSGTAG009: Failed to create PKTDEBUG socket rx task..`

Explanation The PKTDEBUG task has failed to start correctly.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%PKTDEBUG-2-MSGTAG010: Unable to open PKTDEBUG socket`

Explanation The PKTDEBUG task has failed to start correctly.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the

Technical Assistance Center via the Internet at
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support representative and provide the representative with the information you have gathered.

Error Message `%PKTDEBUG-3-MSGTAG012: select from PKTDEBUG socket failed with error [dec]`

Explanation The PKTDEBUG task is experiencing problems while processing packets.

Recommended Action Copy the message exactly as it appears on the console or in the system log.
Research and attempt to resolve the issue using the tools and utilities provided at
http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities
will supply clarifying information. Search for resolved software issues using the Bug Toolkit at
http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the
Technical Assistance Center via the Internet at
http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical
support representative and provide the representative with the information you have gathered.

Error Message `%PKTDEBUG-3-MSGTAG014: read from dtl PKTDEBUG socket failed.`

Explanation The PKTDEBUG task is experiencing problems while processing packets.

Recommended Action Copy the message exactly as it appears on the console or in the system log.
Research and attempt to resolve the issue using the tools and utilities provided at
http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities
will supply clarifying information. Search for resolved software issues using the Bug Toolkit at
http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the
Technical Assistance Center via the Internet at
http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical
support representative and provide the representative with the information you have gathered.

Error Message `%PKTDEBUG-6-MSGTAG001: Starting packet log`

Explanation The packet logging service has been enabled.

Recommended Action Copy the message exactly as it appears on the console or in the system log.
Research and attempt to resolve the issue using the tools and utilities provided at
http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities
will supply clarifying information. Search for resolved software issues using the Bug Toolkit at
http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the
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http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical
support representative and provide the representative with the information you have gathered.

Error Message %PKTDEBUG-6-MSGTAG002: Stopping packet log

Explanation The packet logging service has been disabled.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message %PKTDEBUG-6-MSGTAG003: Packet log displayed [int] of [int] packets

Explanation The packet logging service displayed the requested number of packets and will now terminate.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

PMALLOC Messages

This section contains memory pool (PMALLOC) messages.

Error Message %PMALLOC-0-ALLOC_POOL_FAILED: Out of memory! Unable to allocate a chunk for pool [dec]!.

Explanation The system is out of memory. The system is unable to allocate a chunk of memory for a pool.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%PMALLOC-0-INVALID_POOL_INFO: Invalid poolinfo. Last entry in the poolinfo must be zero..`

Explanation The system has detected an invalid poolinfo. The last entry in the poolinfo must be zero.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%PMALLOC-0-MEM_ALLOC_FAILED: Out of memory. Unable to allocate [dec] bytes!.`

Explanation The system is unable to allocate a specific number of bytes.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%PMALLOC-0-MEM_THRESHOLD_REACHED: Memory threshold reached. Not allocating memory.`

Explanation The memory threshold has been reached. The system is unable to allocate memory.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%PMALLOC-3-MEM_MONITOR_ERROR: Memory error detected by monitor.`

Explanation A memory error has been detected by the monitor.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the

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support representative and provide the representative with the information you have gathered.

Error Message `%PMALLOC-3-MEM_MONITOR_GET_CFG: Error! Cannot get memory monitor`
`config.`

Explanation The system cannot get the memory monitor configuration.

Recommended Action Copy the message exactly as it appears on the console or in the system log.
Research and attempt to resolve the issue using the tools and utilities provided at
http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities
will supply clarifying information. Search for resolved software issues using the Bug Toolkit at
http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the
Technical Assistance Center via the Internet at
http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical
support representative and provide the representative with the information you have gathered.

Error Message `%PMALLOC-3-MEM_MONITOR_LOAD_CFG: Error! Cannot load memory monitor`
`config.`

Explanation The system cannot load the memory monitor configuration.

Recommended Action Copy the message exactly as it appears on the console or in the system log.
Research and attempt to resolve the issue using the tools and utilities provided at
http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities
will supply clarifying information. Search for resolved software issues using the Bug Toolkit at
http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the
Technical Assistance Center via the Internet at
http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical
support representative and provide the representative with the information you have gathered.

Error Message `%PMALLOC-3-MEM_MONITOR_WRITE_CFG: Error! Cannot write memory monitor`
`config.`

Explanation The system cannot write the memory monitor configuration.

Recommended Action Copy the message exactly as it appears on the console or in the system log.
Research and attempt to resolve the issue using the tools and utilities provided at
http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities
will supply clarifying information. Search for resolved software issues using the Bug Toolkit at
http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the
Technical Assistance Center via the Internet at
http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical
support representative and provide the representative with the information you have gathered.

Error Message `%PMALLOC-7-MEM_ALLOC_DETAIL: Allocating [dec] bytes into [dec] byte pool.`

Explanation The memory allocation details are displayed.

Recommended Action No action is required.

Error Message `%PMALLOC-7-MEM_ALLOC_RAWPOOL: Allocating [dec] bytes into RAW pool.`

Explanation The memory allocation details are displayed.

Recommended Action No action is required.

POE Messages

This section contains Power over Ethernet (POE) messages.

Error Message `%POE-0-RESET_FAIL: Unable to reset the Power Supply for [dec] times. Will try to reset for another [dec] times.`

Explanation A failure has occurred when resetting the POE device. The system will try to reset it again. It is a fatal error if the POE device cannot be reset after a maximum number of retries.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

Error Message `%POE-3-PORT_RESYNC: poePortResync returned FAILURE.`

Explanation PoE port resynchronization has failed. There is an inconsistency in the internal data structures.

Recommended Action Copy the message exactly as it appears on the console or in the system log. Research and attempt to resolve the issue using the tools and utilities provided at http://www.cisco.com/cisco/web/support/index.html. With some messages, these tools and utilities will supply clarifying information. Search for resolved software issues using the Bug Toolkit at http://tools.cisco.com/Support/BugToolKit/. If you still require assistance, open a case with the Technical Assistance Center via the Internet at http://tools.cisco.com/ServiceRequestTool/create/launch.do, or contact your Cisco technical support representative and provide the representative with the information you have gathered.

POLICY Messages

This section contains policy (POLICY) messages.

Error Message `%POLICY-6-TRANSPORT_MODE_UPGRADE: Switch Transport Mode Upgraded to Layer 3 during Configuration`

Explanation   The configuration was upgraded from Layer 2 to Layer 3 transport mode. Layer 2 is no longer supported. The possible reason for this change is an image upgrade from software release 4.2.x.x.

Recommended Action   No action is required.

POLICY Messages