

BOOTP and BUFF System Messages

This chapter contains the following topics:

- BOOTP Messages, page 5-1
- BUFF Messages, page 5-8

BOOTP Messages

This section contains bootstrap protocol (BOOTP) messages.

Error Message `%BOOTP-7-BOOT_FILE_NAME: file: [chars].`

Explanation The boot filename specified in the BOOTP packet appears.

Recommended Action No action is required.

Error Message `%BOOTP-7-BOOTP_FLAGS: flags: [hex].`

Explanation The flag option in the BOOTP packet appears.

Recommended Action No action is required.

Error Message `%BOOTP-7-BOOTP_HOPS: hops: [dec].`

Explanation The hops option in the BOOTP packet appears.

Recommended Action No action is required.

Error Message `%BOOTP-7-BOOTP_HW_LEN: hlen: [dec].`

Explanation The hardware address length in the bootp packet appears.

Recommended Action No action is required.

Error Message `%BOOTP-7-BOOTP_HW_TYPE: htype: [chars].`

Explanation The hardware address type in the BOOTP packet appears.

Recommended Action No action is required.

Error Message `%BOOTP-7-BOOTP_OP_CODE: BOOTP[[chars]] op: [chars].`

Explanation The BOOTP opcode appears.

Recommended Action No action is required.

Error Message `%BOOTP-7-BOOTP_OPT_AP: [chars]:`

Explanation The first vendor option appears.

Recommended Action No action is required.

Error Message `%BOOTP-7-BOOTP_OPT_HOSTNAME: [chars]: [chars].`

Explanation The hostname option in the BOOTP packet appears.

Recommended Action No action is required.

Error Message `%BOOTP-7-BOOTP_OPT_VAL: [chars][chars]`

Explanation The actual value of the vendor option appears.

Recommended Action No action is required.

Error Message `%BOOTP-7-BOOTP_REPLY_RECVED: BOOTP Reply received`

Explanation The BOOTP Reply has been received.

Recommended Action No action is required.

Error Message `%BOOTP-7-BOOTP_SECS: secs: [dec].`

Explanation The elapsed seconds in the BOOTP packet appears.

Recommended Action No action is required.

Error Message `%BOOTP-7-BOOTP_SENT_SUCCESS: BOOTP Request Packet sent successfully`

Explanation A BOOTP request packet has been sent successfully.

Recommended Action No action is required.

Error Message `%BOOTP-0-BOOTP_TASK_CREAT_FAILED: Failed to Create BOOTP Task.`

Explanation The system has failed to create a BOOTP task.

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 `%BOOTP-3-BOOTP_TIME_OUT: Timed out waiting for BOOTP reply`

Explanation The system has timed out waiting for a BOOTP reply.

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 `%BOOTP-7-BOOTP_VEND_OPT:  options:.`

Explanation The vendor options in the BOOTP packet appear.

Recommended Action No action is required.

Error Message `%BOOTP-7-BOOTP_WAIT_REPLY: Waiting for the BOOTP Reply`

Explanation The system is waiting for the BOOTP reply.

Recommended Action No action is required.

Error Message `%BOOTP-7-BOOTP_XID:  xid: [hex].`

Explanation The transaction ID in the BOOTP packet appears.

Recommended Action No action is required.

Error Message `%BOOTP-7-BOOTP_YIADDR:  my IP: [chars].`

Explanation The yiaddr field in the BOOTP packet appears.

Recommended Action No action is required.

Error Message `%BOOTP-7-CLIENT_HW_ADDR: hw_addr:`

Explanation The BOOTP client hardware address appears.

Recommended Action No action is required.

Error Message `%BOOTP-7-CLIENT_IP_ADDR: client IP: [chars].`

Explanation The BOOTP client IP address appears.

Recommended Action No action is required.

Error Message `%BOOTP-3-GET_BOOTP_OPT_FAILED: Failed to get the [chars] option from the BOOTP packet`

Explanation The system has failed to get an option from the BOOTP packet.

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 `%BOOTP-3-GET_BOOTP_STRUCT_FAILED: Unable to get the BOOTP structure for the [chars]`

Explanation The system is unable to get the BOOTP structure.

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 `%BOOTP-7-GWAY_IP_ADDR: gateway IP: [chars].`

Explanation The gateway IP address field in the BOOTP packet appears.

Recommended Action No action is required.

Error Message `%BOOTP-7-HW_ADDR_BYTE: [hex][chars]`

Explanation Each byte in the BOOTP client hardware address appears.

Recommended Action No action is required.

Error Message `%BOOTP-3-IP_CONF_FAILED: Configuring an IP for [chars] failed`

Explanation The configuration for an IP for a particular interface has failed.

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 `%BOOTP-4-OPT_NOT_FOUND: The BOOTP option [char] not specified in the Vendor field`

Explanation An expected BOOTP option is not specified in the Vendor field.

Recommended Action No action is required.

Error Message `%BOOTP-7-SENDING_BOOTP_PKT: Sending Bootp Packet.`

Explanation The system is sending a BOOTP packet.

Recommended Action No action is required.

Error Message `%BOOTP-7-SERVER_IP_ADDR: server IP: [chars].`

Explanation The server IP address field in the BOOTP packet appears.

Recommended Action No action is required.

Error Message `%BOOTP-7-SERV_HOST_NAME: server: [chars].`

Explanation The server hostname in the BOOTP packet appears.

Recommended Action No action is required.

Error Message `%BOOTP-3-SET_BROADADDR_FAILED: Setting broadcast address on the socket failed.`

Explanation An error occurred while setting the broadcast address on the socket failed.

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 `%BOOTP-3-SET_IP_FAILED: Unable to set IP address [hex] for the [chars]`

Explanation The system is unable to set the IP address.

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 `%BOOTP-3-SOCK_BIND_FAILED: Failed to bind the socket.`

Explanation The system has failed to bind the socket.

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 `%BOOTP-3-SOCK_CREAT_FAILED: Socket creation failed for BOOTP.`

Explanation Socket creation has failed for BOOTP.

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 `%BOOTP-3-SOCK_OPT_FAILED: Failed to set the option [chars] on the socket.`

Explanation The system has failed to set a socket option.

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 `%BOOTP-3-SOCK_RECV_FAILED: Receiving the BOOTP packet on a socket failed`

Explanation The system has failed to receive the BOOTP packet on a socket.

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 `%BOOTP-3-SOCK_SEND_FAILED: Sending data over the socket failed.`

Explanation An error has occurred while sending data over the socket.

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 `%BOOTP-4-TRANID_NOT_MATCH: Transaction ID [hex] of the received reply does not match the transaction ID of the response [hex]`

Explanation The transaction ID of the received reply does not match the transaction ID of the response.

Recommended Action No action is required.

Error Message `%BOOTP-7-UNKNOWN_OPT_FORMAT: .`

Explanation The unknown option value is formatted.

Recommended Action No action is required.

Error Message `%BOOTP-7-UNKNOWN_OPT_VAL: [dec]`

Explanation The value of the unknown option appears.

Recommended Action No action is required.

Error Message `%BOOTP-4-VENDOR_OPT_UNKNOWN: Unknown option: [hex]/[dec].[dec]:`

Explanation Unknown options are present in the vendor field in the BOOTP packet.

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.

BUFF Messages

This section contains buffer pool (BUFF) messages.

Error Message `%BUFF-0-BUFFER_CORRUPT: Buffer Pool id [dec] ptr [address], packet is printed on console.`

Explanation The buffer pool is corrupt. An internal system error has occurred.

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.