



CHAPTER 4

BASE and BCAST System Messages

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BASE Messages

This section contains BASE subsystem (BASE) messages.

Error Message %BASE-3-FILE_WRITE_FAIL: LIF: Error writing config file [chars].

Explanation LIF: An error has occurred when writing to the configuration file.

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 %BASE-6-LIF_DEL: LIF: Could not find matching table entry for LIF [dec].

Explanation LIF: Could not find a matching table entry for the LIF.

Recommended Action No action is required.

Text Part Number:

Error Message %BASE-3-LIF_REGISTRATION_FAIL: LIF: Unable to register for [chars] callback.

Explanation LIF: Unable to register for the specified callback.

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 %BASE-3-MAX_REGISTRATIONS: LIF registrar_ID [dec] greater than L7_LASTLIF_TYPE.

Explanation A maximum number of registrations for LIF notifications has been exceeded.

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 %BASE-6-REGISTRATION_EXISTS: LIF registrar_ID [dec] already registered.

Explanation The registration for the specified registration ID already exists.

Recommended Action No action is required.

BCAST Messages

This section contains broadcast (BCAST) messages.

Error Message %BCAST-4-CLIENT_NUM_GRP_EXCEEDED: NUM of multicast groups the client has joined has exceeded max allowed number

Explanation Each client will be allowed to join a maximum of only 16 multicast groups. Join requests beyond this max will be discarded.

Recommended Action No action is required.

Error Message %BCAST-3-CONFIG_SAVE_FAIL: Failed to save the Broadcast/Multicast configuration.

Explanation Saving of the config file for broadcast and multicast related configurations 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 %BCAST-3-COUNT_MISMATCH: Client count mismatched between database count and running count. Database count = %d count = %d

Explanation While adding/deleting a snooped multicast group to the database there was a mismatch between the count in the database and the running count.

Recommended Action Disable and enable multicast IGMP snooping by entering the **config network multicast igmp snooping {enable | disable}** command.

Error Message %BCAST-3-MGID_DELETE_FAILED: Deletion of multicast group data failed

Explanation The multicast group entry in the multicast database could not be found. Hence, deletion of of multicast group entry from the database failed.

Recommended Action None.

Error Message %BCAST-4-DS_FWD_FAILED: Failed to forward multicast pkts over the DS.

Explanation Failed to forward multicast packets over the DS.

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 %BCAST-4-FAP_FWD_FAILED: Failed to forward multicast pkt to foreignAPs.

Explanation Failed to forward a multicast packet to foreign APs.

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 %BCAST-4-IGMPSEND_FAILED: Transmission of IGMP report packet failed

Explanation Transmission of the IGMP report packet has failed.

Recommended Action No action is required.

Error Message %BCAST-3-IGMP_TYPE_MISMATCH: IGMP Type [int] for packet received from wireless is not supported

Explanation The Controller does not expect to receive an IGMP request from the wireless side. The packet is dropped.

Recommended Action No action is required.

Error Message %BCAST-3-INVALID_VLANID: Recieved an igmp query with invalid vlanid

Explanation Received an IGMP query with invalid VLAN ID. The packet will be ignored

Recommended Action No action is required.

Error Message %BCAST-4-LRAD_FWD_FAILED: Failed to forward multicast pkt to LRAD

Explanation Forwarding to the LRAD 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 %BCAST-3-MAC_ADDR_MISMATCH: client addr between the bcast database and the msch fails

Explanation There is mismatch between the bcast database and msch database.

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 %BCAST-3-MCAST_BCAST_DISABLE: Automatically disabling multicast/broadcast forwarding (reason: [chars])

Explanation Multicast-Unicast is not supported on the 2000 series controllers. If this is configured, multicast is automatically disabled and cannot be re-enabled until multicast group is configured.

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 %BCAST-4-MGID_QUEUE_EMPTY: Mgid queue is empty!.

Explanation Mgid queue is empty. More than 4000 multicast groups in different vlan have been assigned!.

Recommended Action No action is required.

Error Message %BCAST-4-PKT_TYPE_NOT_EOIP: Packet over the tunnel [type [dec]] is not Ethernet over IP packet.

Explanation A packet which is not of protocol type Ethernet over IP is being dropped in the tunneled packet processing.

Recommended Action No action is required.

Error Message %BCAST-4-Q_ADD_FAILED: Broadcast/Multicast queue add failed.

Explanation Failed to add a message to the broadcast/multicast message queue. The queue may be already full. This may happen due to a host on DS side flooding with too many broadcast ARP requests for a wireless client, in a short span of time. Alternatively, it may happen due to too many broadcasted CDP packets over a short span of time. In both case the packets are dropped until the number of outstanding messages in the queue becomes less than 512. There is no other performance impact as such.

Recommended Action If the message is seen repeatedly, it means some host in the network is flooding with too many broadcast ARP request or CDP packets. Such situation needs to be rectified in the network.

Error Message %BCAST-4-RX_LLC: Received broadcast LLC packet.

Explanation A multicast packet has been received with the protocol type LLC.

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 %BCAST-4-RX_LWAPP_CTL: Received broadcast lwapp control packet.

Explanation Broadcast processing should not receiver a LWAPP control packet. These packets should go to LWAPP processing.

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 %BCAST-4-RX_WRONG_ETYPE: Received invalid mcast packet of type [hex].

Explanation A multicast packet has been received with the protocol type greater than or equal to 1500.

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 %BCAST-4-TUNNELED_NOT_DIX: Tunneled pkt not a DIX pkt. protocol type is [dec]

Explanation The remote controller always tunnels a DIX packet. The controller is dropping non-DIX packets.

Recommended Action No action is required.

Error Message %BCAST-4-TUNNELED_NOT_MCAST: Tunneled pkt is not a multicast pkt.

Explanation A tunneled unicast packet is being dropped in the tunneled multicast processing.

Recommended Action No action is required.

Error Message %BCAST-3-UNSOPPORTED_RX_FLAG: Packet with unsupported RX Flag [dec].

Explanation A packet is transmitted only if the packet is received either from Ethernet or LWAPP. In this case, this packet is not received from Ethernet or the LWAPP.

Error Message %BCAST-3-UNSUPPORTED_MSG_TYPE: Received unsupported message (type = [dec]).

Explanation The message type in the bcast message queue is unknown.

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 %BCAST-3-IGMP_PKT_FROM_USER_UNKNOWN: Received IGMP report packet on a CAPWAP tunnel from an unknown client [%02x:%02x:%02x:%02x:%02x:%02x]. Packet Dropped

Explanation The input IGMP report packet on a CAPWAP tunnel has come from a client that is unknown to the switch. Therefore, the packet is dropped.

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 %BCAST-4-VAPID_OUT_OF_RANGE: In broadcast/multicast processing client database has incorrect wlan information, hence droppig packet. (wlan [dec])

Explanation In broadcast/multicast processing, the WLAN ID of the client in its database is beyond the range of valid WLAN IDs.

Recommended Action No action is required.

